Melbourne Water

City of Port Phillip

Report on
City of Port Phillip Main Drain Catchment Drainage Survey

September 1997

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Appendix A Table of RORB Model Input Files
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1.0 Introduction

1.1 Purpose of the Study

Melbourne Water are undertaking a drainage survey of the Melbourne Water Main Drains across metropolitan Melbourne.

This project for the Main Drain catchments in the City of Port Phillip seeks to provide flood information for (inter alia):

- giving flood advice on affected properties;
- identifying flood risk along the drainage system;
- setting priorities for future capital works programs; and
- assessing land development issues.

The Main Drains and catchment area considered in this study are shown on Figure 1 and include: Gittus Street, Gittus Street Diversion, Johnson Street, Ferrars Street, Hanna Street, Rosny Street, Princes Street, Esplanade West, Richardson Street, Cruikshank Street, McGregor Street, Cowdery Street, Union Street, Shakespeare Grove and St Kilda Town Hall main drains as well as Bowen Lane overflow, Roy Street overflow, Arthur Street overflow and Albert Park Lake overflow drains.

1.2 Aims and Scope of Work

Aims of this project include:

- To identify all properties that are flood prone along all Melbourne Water drains in the Main Drain catchments in the City of Port Phillip;
- To identify all property floors that are flood prone to four levels of risk;
- To identify flood prone residential properties that are subject to three levels of safety risk from overland flow; and
- To record all flood prone properties on a text database.

In order to achieve these aims, the following specific outputs are required:

- 1:2500 scale plans showing the extent of inundation for a 100 year ARI flood event (plans may need to be at a larger scale to show required detail);
- 100 year ARI flood levels (m AHD) marked on the above plans (the marked levels must be able to represent any significant change in flood grade due to local hydraulic controls for flood flows);
- All flood prone floors are to be identified with each flood prone floor to be assessed for 4 categories of flood risk as follows:
  - Risk Category 4 Flood risk ≤ 20 year ARI;
  - Risk Category 3 20 year ARI ≤ flood risk ≤ 50 year ARI;
  - Risk Category 2 50 year ARI ≤ flood risk ≤ 100 year ARI;
  - Risk Category 1 100 year ARI inundates property (below floor level);
  - Risk Category 0 Outside Risk Category 1 to 4.

- Identify residential properties that are at risk from overland flow and assess risk by considering the egress path from the residential floor to higher ground. Three risk categories are needed to be considered as follows:
  - 1. Low Risk — Velocity *Depth ≤ 0.4;
  - 2. Medium Risk — 0.4 < Velocity *Depth ≤ 0.8;
  - 3. High Risk — 0.8 < Velocity *Depth;
- A computer spreadsheet file of all properties that are flood prone by the 100 year ARI event with the following fields:
  - Street Number
  - Street Name
  - Suburb
  - Rate Reference Number
  - Flood risk category
  - Reduced level of floor (m AHD) if inundated by 100 year ARI event
  - Floodway safety risk category
  - Reduced level of natural surface level of property over egress path (m AHD) if floodway safety risk is medium or high, or if the floor is inundated by 100 year ARI event.

The scope of work required to meet the study aims and specific outputs is generally summarised in the following task list:

- Collate and review all available information including past investigations, design plans, base maps and recent activities within the catchment;
- Undertake a site inspection of the catchment;
- Determine the 100 year ARI flood discharges for the Melbourne Water drains in the Main Drain catchments in the City of Port Phillip (including the 20 year and 50 year ARI discharges where necessary), assuming existing catchment conditions;
- Determine flood level profiles to a tolerance of ±0.1 m along Melbourne Water drainage lines within the catchment;
- Map the 100 year ARI flood extent along Melbourne Water drainage lines;
- Identify and assess all properties at risk of flooding up to the 100 year ARI event subject to the adopted risk category criteria.

2.0 Project Methodology

2.1 Available Information and Data

2.1.1 Melbourne Water Data

Data for the project were supplied by Melbourne Water and included:

- Aerial photographs (St Kilda catchment 1:4000);
- Reduced Yarra 2 500 series plans with 1 metre contours (actual scale 1:5000 and A3 size);
- The above 2 500 plans in digital form;
- Design drawings of the drainage systems, including drain size and shape, invert level and drain construction material;
- Access to imperial 1" to 160 feet and 1" to 40 feet plans in this area that show various spot levels;
- Spring Street Flood Mitigation Report, 1991:
- 7 February 1989 Storm Report MMBW
- Whiteman Street pump station details (Hanna Street Main Drain).

2.1.2 Site Inspection

Site inspections were undertaken along all drainage lines within the catchment to:

- Gain an appreciation of hydraulic conditions and constraints;
- Assess key hydraulic structures; and
- Set out the extent and scope of survey work.

2.1.3 Past Studies

No comprehensive studies are known to have been carried out on the Main Drain catchments in the City of Port Phillip. A study of the Spring Street area of the Esplanade West Drain has been carried out.

2.2 Catchment Hydrology

2.2.1 Approach

For the purposes of this study, there were no existing RORB hydrologic models covering the trunk drainage systems. RORB models were established for all the major drainage systems. The RORB models were required to adequately analyse the attenuation and storage effects of overland flow paths on surface flows in these systems.

2.2.2 Development of RORB Models

The catchment sub-areas for the RORB models are shown in the respective drawings detailed in Section 3.

The methodology used to establish the RORB models involved:

- Defining appropriate sub-areas based on the topography and the local drainage system;
- Determining the design flood peaks for each sub-area outlet from Rational Method analysis in accordance with AR&R (1987);
- Calibrating the RORB models to the Rational Method design flood peak flows; and
- Introducing the "split flow" option , creating a pipe and overland flow reach of the underground drain sections, where overland flow was expected due to inadequate existing underground drain capacities.

The RORB models were established using the new Windows based software (Version 4.0).

A copy of the RORB model catchment data files is included in Appendix A together with details on sub-area data and retarding basin storage and discharge relationships. Retarding basin storages are based on the mapping and includes all private property within the storage areas as directed by Melbourne Water.

2.2.3 Model Calibration

The catchment models were calibrated by comparing estimated RORB and Rational Method discharges at corresponding locations along the drainage lines.

For calibration, the RORB models excluded all special storages and "split flow" modelling approaches.

The adopted RORB model parameters for the Main Drain catchments are detailed in Section 3.

Prior to design discharge analysis, special storages and split flow model assumptions were included in the RORB models. The "split flow" modelling approach assumes separate pipe and overland flow routing reaches, with the overland reach becoming active once the pipe reach capacity occurs. In some cases, the overland flow path differed significantly from the pipe drain alignment.

Overland flow paths were determined concurrently with survey assessment and hydraulic model analyses. Paths are typically complex, with potential for flow splitting and "loss" of flood waters to neighbouring catchments.

Overland flow reach types were selected based on the degree of flow obstruction and estimated flood flow attenuation.

2.2.4 Design Flood Discharges

The new RORB for Windows interface program was used to estimate design flood discharges using fully filtered temporal patterns and design rainfall drawn from AR&R (1987), Volume 2. The critical 100, 50 and 20 year ARI flood discharge estimates for the drains are summarised in Section 3.

The existing underground drainage systems are generally unable to cater for severe flood events. For the 100 year ARI design flood, drain capacities are exceeded and significant surface flows and ponding result.

Critical peak flows generally resulted from short duration design storms in the range 1 to 2 hours. However, significant surface flow is also estimated for longer duration events.

The drain capacities assume that the drains are built to the design plan details, are maintained and no siltation has occurred to restrict the capacity.

2.3 Flood Hydraulics

2.3.1 Modelling Approach

Hydraulic modelling of the Shakespeare Grove, Hanna Street, Cowdery Street and Rosney Street Main Drain catchment systems were carried out using the HEC-RAS hydraulic profile model. The model is well known to Melbourne Water and has been used extensively (as HEC-2) in river hydraulic studies.

A full description of the input data and operational requirements of the HEC-RAS model is given in US Army Corps of Engineers (1995).

Some data is available for the purposes of hydraulic calibration in the Shakespeare Grove catchment.

2.3.2 HEC-RAS Model Definition

The HEC-RAS hydraulic model of the drainage systems were developed with a "segmented" approach and comprised a number of model projects (one for each sub-catchment) with sub-models as separate plans as detailed in Section 3.

The sub-models plans were established to allow for flexible and efficient model operation. The bracketed sub-model labels designate the HEC-RAS file names, with [PRJ] and [P0-] indicating projects and plans respectively.

The assessment of overland flow in several areas in the Shakespeare Grove Drain catchments indicated the need for distributing the flow down a number of streets.

2.3.3 Field Survey Data

Survey data used for the development of the hydraulic models was determined from a comprehensive aerial survey/photogrammetric approach.

Sub-consultants, Qasco (Victoria) Pty Ltd, undertook aerial survey of the catchment to produce aerial photographs covering a broad band along each of the main drains. Using appropriate field control undertaken by Geomatic Services Pty Ltd and photogrammetric techniques, digital terrain models (DTMs) of the drain areas were established by Barwon Water (Land Information Unit) for use in the study.

2.3.4 HEC-RAS Model Development

Cross-sectional data was extracted from the DTMs, screened for use in the hydraulic model and then converted to an appropriate format for direct input to HEC-RAS. Field survey data was supplemented by Melbourne Water design and as-constructed drainage plans, and metric/ imperial plan spot levels and contours.

Schematic cross-sectional layouts for all the sub-models are given in Appendix B.

The estimation of appropriate Mannings "n" and expansion/contraction loss coefficients are based on the Melbourne Water specified coefficients.

Published assessment procedures for the determination of Mannings "n" generally do not accommodate the condition of extensive urban flooding expected in some of the drain catchments. It is considered that "urbanised" flood-plains exhibit a range of localised hydraulic roughness coefficients, varying from very high (eg. houses) to relatively low (eg. concrete driveways). These variations are mitigated by the overall impedance to flow afforded by the urbanised environment by flood-plain "structures" such as trees, gardens, fences and sheds, etc.

The approach selected for this study was the adoption of representative Mannings "n" values for developed urban flood-plains. The Mannings "n" values adopted are generally summarised as follows:

- *Waterway Channel*
  - concreted lined - 0.015
  - roadway - 0.020
  - earthen/slight vegetation - 0.025 - 0.035
  - grassed reserve - 0.030 - 0.040
  - rocky/lightly treed/medium vegetation - 0.045 - 0.055
- *Flood-Plain*
  - clear/paved - 0.025
  - grassed - 0.035
  - light bush/trees - 0.045 - 0.055
  - heavy bush/trees - 0.060 - 0.080
  - heavy industry - 0.150
  - urban housing - 0.150

Actual values adopted were made more site specific subsequent to site inspection.

2.3.5 Flood Level Estimates

The 1989 storm report outlined some observed flood levels in the Shakespeare Grove Catchment. These flood levels have been adopted as the basis of the flood level in these locations.

The prediction of 100 year ARI flood levels was undertaken using the HEC-RAS models and flow estimates derived in the hydrological modelling. Where both supercritical and subcritical flow behaviour was evident, the models were run using the mixed flow analysis option.

For each of the models, the resultant 100 year ARI flood levels are given on the flood extent maps referenced in Section 3. The estimated tolerance of the flood level is ±0.1 m.

2.4 Flood Extent Mapping

2.4.1 Approach

The mapping of the 100 year ARI flood extent was undertaken as follows:

- Digitised (DXF) mapping was acquired detailing catchment contours and allotment/road layouts;
- Base maps (1:2500 scale) were later developed for the areas of interest over Main Drains;
- Cross section survey points were overlayed on the map base and working plans produced;
- Flood extents were mapped utilising HEC-RAS flood level estimates at cross sections, supplemented by metric and imperial level data from available plans;
- Flood contour lines were added at intervals sufficient to define the hydraulic profile; and
- Working plans were then digitised for final presentation of flood extent maps.

It is noted that the 1:2500 map scale was adopted to provide adequate definition and clarity of information.

2.4.2 Mapping Outcomes

The 100 year ARI flood extent for the drains in the City of Port Phillip are given in drawings referenced in Section 3 (under separate cover). The drawing overlays are also to be supplied in digital format for ongoing use and development by Melbourne Water.

2.4.3 Further Investigation

It is considered that the flood extent mapping (and its supporting hydrological and hydraulic basis) should be periodically reviewed and updated by Melbourne Water as additional information becomes available to improve outcomes.

Additional areas of further investigation initially noted for consideration are identified in Section 3.

2.5 Flood Risk Assessment

2.5.1 Building Floor Risk

Building floors prone to flooding from the estimated 100 year ARI flood event were compiled in an EXCEL based spreadsheet in order to assess the associated flood risk. The 100 year ARI flood levels were compared with a large number of "threatened" floor levels.

Flood levels were obtained using field survey for about 1 500 buildings, where the levels were identified as possibly being below the flood level. Where access was not possible, floor levels were estimated by visual inspection.

For floor levels identified as flood prone in the 100 year ARI event, 50 year and 20 year ARI flood levels were estimated using the RORB and HEC-RAS models. The flood risk category was subsequently identified. The tolerance of the 100 year ARI flood level is ±0.1 m and the tolerance for the 50 year and 20 year ARI flood levels is ±0.2 m.

The outcomes of the flood risk assessment are given in the final EXCEL spreadsheet. A copy of the spreadsheets is included in Appendix C. The properties not included in the data base provided by Melbourne Water, or the property details observed in the field different to the data base details are also included in Appendix C.

2.5.2 Accessibility Risk

An assessment of the safety risk associated with properties inundated by the 100 year ARI flood has been completed and tabulated in EXCEL spreadsheet format. A copy of the final spreadsheet database is given in Appendix C.

The assessment considers the egress path from residential floor to "high" ground. The risk is measured in terms of the velocity-depth product. As such, the spreadsheet data indicates:

- An estimate of "worse case" egress depth by comparing ground levels along the most direct and safest egress path with the predicted 100 year ARI flood levels;
- The estimated egress velocity derived from hydraulic modelling.

Low, medium and high risk categories were allocated according to Melbourne Water criteria.

2.6 Flood Protection Options

Preliminary flood protection options are presented for each of the drains where the estimated flood level exceeds the house floor levels.

The RORB models have been modified to determine the effect of the preliminary flood mitigation option and the corresponding flood level estimated to within ±0.25 m.

The flood protection options are conceptual only based on the hydraulic considerations. The practicality of the options with regard to services, planning and other design considerations has not been examined. The indicative cost estimates have an accuracy of ±25% to 35%.

3.0 Main Drain Evaluation

3.1 Gittus Street Main Drain and Gittus Street Diversion (Drain No. 4803)

3.1.1 Drawing Numbers

- 4803/07/01 Flood Extent Map
- 4803/07/02 Catchment Plan and Modelling Nodes

3.1.2 Description of Catchment and Drainage System

	Gittus Street Main Drain	Gittus Street Diversion
• Area (Hectares)	33	40
• Land Use	Industrial and Commercial	Industrial and Commercial
• Specific Features	West Gate Freeway	West Gate Freeway

3.1.3 Historical Information

Available Flood Level Information

3.1.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Constructed
E1 (Main Drain)	Intersection of Gittus and Brady Streets	1 425 diam 1 500 diam	$^1/_{1\,250}$ $^1/_{1\,860}$	1.75 1.76	1930 1978
	Under Westgate Freeway	3 000 x 1 200 culvert	$^1/_{1\,860}$	3.6	1978
E2 (Main Drain)	Intersection of Lorimer and Johnson Streets (Outfall to Yarra River)	1 425 diam	$^1/_{1\,250}$	1.75	1930
ED1 (Diversion Drain)	Anderson Street at Freeway (Council Drain)	1 350 diam	$^1/_{1\,000}$	1.8	1930
	Under Westgate Freeway	3 000 x 1 200 culvert	$^1/_{1\,435}$	4.3	1978
ED2 (Diversion Drain)	Intersection of Hartly and Lorimer Streets (Outfall to Yarra River)	1 500 diam	$^1/_{1\,000}$	2.2	1978

3.1.5 Description of System Hydraulics

The Gittus Street Main Drain at Anderson Street was diverted to the Gittus Street Diversion Drain in the late 1970's.

The Gittus Street Main Drain has a flow regulator pit downstream of the freeway. The surrounding surface level is RL 1.6 m. The estimated flood level upstream of the freeway is FL 1.40 m, and therefore the drain capacity under the freeway is controlled by the downstream 1 425 dia drain capacity and the flow regulator pit is not effective.

The Gittus Street Main Drain flood level of 1.40 m results in overland flow along Brady Street to the Council's White Street Drain when the water level is above the Brady Street road level of RL 1.2 m.

The Gittus Street Diversion Drain has flow regulator pits on either side of the freeway. The estimated flood level upstream of the freeway is FL 2.0 m and the estimated flood level downstream of the freeway is FL 1.40 m. No. 99 Lorimer Street (abattoir) acts as a retarding basin with a maximum depth of 0.6 m. The surface level between Lorimer Street and the Yarra River is approximately RL 1.8 m, and therefore all flow from the area downstream of the freeway is through the Diversion Drain.

The Gittus Street Diversion Drain diverts some overland flow into the Gittus Street Main Drain when the flood level upstream of the freeway reaches RL 2.0 m.

3.1.6 RORB Model Parameters

	Gittus Street Main Drain	Gittus Street Diversion
• Initial Losses (mm)	15	15
• Runoff Coefficient	0.6	0.6
• Kc	1	1.2
• m	0.8	0.8

3.1.7 RORB Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)		
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)
E1 (Main Drain)	Intersection of Gittus and Brady Streets	2.7	3.3	3.9	2.7, 3.3, 3.9	2.1, 2.2, 2.2 (Note 1)	1.1, 1.25, 1.40
E2 (Main Drain)	Intersection of Johnson and Lorimer Street	1.75	1.75	1.75			
ED1 (Diversion Drain)	Anderson Street at Westgate Freeway	5.0	6.1	7.1	5.0, 6.1, 7.1	5.0, 5.9, 6.8 (Note 2)	1.8, 1.9, 2.0
Flow Regulator and Retarding Basin	Lorimer/Hartly Street				5.0, 5.9, 6.8	2.2, 2.2, 2.2	1.30, 1.35, 1.40
ED2 (Diversion Drain)	Intersection of Hartly and Lorimer Streets	2.2	2.2	2.2			

Note: 1) Overland flow from Gittus/Brady Street intersection is along Brady Street to White Street. Outflow in excess of Gittus Street Main Drain capacity of 1.75 m^3/s is overland flow to White Street.

2) Overland flow from Anderson Street/Westgate Freeway is along southern side of freeway. For a 100 year ARI event, the overland flow is 0.3 m^3/s into the Gittus Street Main Drain Catchment.

3.1.8 Hydraulic Modelling

No hydraulic modelling using HEC-RAS was undertaken.

3.1.9 Survey of Floor Levels

The inundation areas were inspected and no building floor levels were surveyed in these catchments. It is estimated that four properties will be inundated below floor level only. (Flood risk category 1.)

3.1.10 Flood Safety Assessment

The 100 year ARI overland flow along Brady Street (0.45 m^3/s) has a depth velocity product less than 0.4 m^2/s and the overland flow from the Gittus Street diversion drain (0.3 m^3/s) has a depth velocity product less than 0.4 m^2/s. There are eight properties in the retarding basin area that are estimated to fall into floodway risk category 1.

3.1.11 Flood Protection Options

The abattoir site (No. 99 Lorimer Street) currently acts as a retarding basin. The flood protection option to lower the water level in this area is to increase the capacity of the Gittus Street Diversion drain downstream of the freeway to 6.8 m^3/s (ie. capacity of drain under freeway). The estimated cost is $0.7 M to construct 295 m of 1 950 mm diameter drain including a 25% contingency.

3.2 Johnson Street Main Drain (Drain No. 4804)

3.2.1 Drawing Numbers

- 4804/05/01 and 02 Surface Contour Map
- 4804/05/03 Catchment Plan and Modelling Nodes

3.2.2 Description of Catchment and Drainage System

- Area (Hectares) 68
- Land Use Residential, Industrial and Commercial

3.2.3 Historical Information

Available Flood Level Information - Nil

3.2.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Constructed
	Raglan Street/Ross Street	2 025 x 975	$^1/_{1\,400}$	1.9	1958
	Normanby Street/Ingles Street	1 800 x 1 200	$^1/_{1400}$	2.2	1958
E1	Normanby Street/Boundary Road	1 800 x 1 200	$^1/_{990}$	2.7	1958
E3	Johnson Street/Brady Street	2 250 x 1 200	$^1/_{580}$	4.6	1958
E4	Outfall to Yarra River	2 250 x 1 200	$^1/_{580}$	4.6	1958

3.2.5 Description of System Hydraulics

The Johnson Street Main Drain drains two low lying areas in South Melbourne. The first area is in the vicinity of Ross Street/Raglan Street (RL 1.4 m) and the second area is to the south of the light rail line along Gladstone Street (RL 0.8 to RL 1.0 m).

The road level along the Johnson Street Main Drain between the Yarra River and Ingles Street is between RL 1.6 to RL 2.0 m. Therefore the overland flow from the upstream catchments cannot generally flow to the Melbourne Water section of the Johnson Street Drain.

The estimated 100 year ARI flow of 1.0 m^3/s at the Ross Street/Raglan Street area is less than the capacity of the existing Melbourne Water Drain (1.9 m^3/s). Therefore, it is not expected that water will pond in this area. This assumes the Melbourne Water drain is operating at the fully hydraulic capacity of the culvert with no allowance for siltation or blockage.

For the catchment area to the south of the light rail line, the Normanby Street road level of RL 2.0 m is across the catchment floodplain. Therefore overland flow from the Gladstone Street low lying area cannot flow to the Melbourne Water drain. The City of Port Phillip have drains along Montague Street and Brady Street/Doran Street which service the catchment. These drains have a capacity of 1.5 m^3/s and connect into the Melbourne Water Johnson Street Main Drain at Brady Street. The Johnson Street Main Drain has greater capacity than the connecting drains and therefore there is no associated floodplain along the Melbourne Water section of the Johnson Street Main Drain.

3.2.6 RORB Model Parameters

- Initial Losses (mm) 15
- Runoff Coefficient 0.6
- Kc 1.6
- m 0.8

3.2.7 RORB Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)		
		20 yr	50 yr	100 yr
E1	Intersection of Johnson Street and Boundary Road	0.7	0.9	1.0
E2 (Council Drain)	Intersection of Montague Street and Railway	2.4	2.9	3.5
E3	Intersection of Montague, Johnson and Brady Streets	4	5*	6*
E4	Yarra River Outlet	4.3	5.4*	6.6*

* Assumes the City of Port Phillip drainage system can cater for these flow estimates between Gladstone Street low points and connection to Melbourne Water Main Drain at Johnson Street/Brady Street. Existing Council drainage system capacity is currently 1.5 m^3/s.

3.2.8 Survey of Flood Levels

There were no house floor levels surveyed in this catchment.

3.2.9 Flood Safety Assessment

No flood safety assessment undertaken.

3.2.10 Flood Protection Options

No flood protection options were developed for Johnson Street Main Drain. Review of the city drainage system may require future upgrading of outfall drain to service the Gladstone Street low lying area.

3.3 Ferrars Street Main Drain (Drain No. 4804/2)

3.3.1 Drawing Numbers

- 4804/05/01 and 02 Surface Contour Maps
- 4804/05/03 Catchment Plan

3.3.2 Description of System

The Ferrars Street Main Drain is a 1 200 mm dia concrete drain at a grade of 1 in 740. The drain has a design capacity of 1.5 m^3/s. The drain does not have any associated flood plain along the Melbourne Water section between the Yarra River and Munro Street.

The natural surface along the Melbourne Water section of drain is RL 2.4 m to RL 1.8 m.

The City of Port Phillip is responsible for drainage upstream of the Melbourne Water drainage limit at Munro Street. The upstream catchment natural surface varies from RL 0.8 (Gladstone Street) to RL 14.4 (South Melbourne Town Hall). Therefore any overland flow from the Council upstream catchment will either pond in the lower areas south of Port Melbourne light rail line or in some cases be diverted into adjoining Johnson Street Main Drain catchments along the road network.

Along the Melbourne Water section of drain, Ferrars Street is a high point at the intersection with Yarra Bank Road, Lorimer Street and Munro Street. Therefore any surface flow that is not captured by the underground system will be diverted into localised low points along these intersecting roads.

No hydrological or hydraulic modelling has been undertaken for this drain.

3.4 Hanna Street (Drain No. 4806)

3.4.1 Drawing Numbers

- 4806/11/1, 2, 3 Flood Inundation Maps
- 4806/11/4, 5 RORB Catchment Plans and Modelling Nodes
- 4806/11/6 Preliminary Flood Protection Options

3.4.2 Description of Catchment and Drainage System

- Area (Hectares) 487
- Land Use Commercial/residential and Parkland
- Specific Features Albert Park Lake (TWL 2.75 m approximately)

2.75m

3.4.3 Historical Information

Available Flood Level Information - Nil.

3.4.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Combined Capacity (m^3/s)	Constructed
	Crown Casino	5.3 x 2.4 rect	1/1 500	20.7	20.7	1994
	Whiteman Street	2 850 x 2 850 1 275 diam	1/800 1/340	17.6 2.4	20	1958 1895
	City Road	2 850 x 2 850 1 275 diam	1/800 1/340	17.6 2.4	20	1958 1895
	Kavanagh Street	2 850 x 2 850 975 diam	1/800 1/340	17.6 1.2	18.8	1958 1895
	Grant Street	2 850 x 2 850	1/800	17.6	17.6	1958
	Coventry Street	2 500 Horseshoe 2 100 BB	1/800 1/800	7.2 5.3	12.5	1905
E4.5	Park Street	1 800 BB	1/1 100	3.5		1905
	Albert Street	1 650 diam BB	1/950	3.5		1905
E3	Bowen Lane	1 050 diam BB	1/215	1.2		
	Overflow to Lake	1 900 x 700	1/547	1.8	3	
	Queens Road	1 050 diam BB	1/275	1.4		1905
	Arthur Street (downstream overflow)	2 No. 1 050 x 600	1/230	0.45	0.9	1905
	Overflow to Lake	2 100 x 700	1/883	1.6	2.3	1928
E2A	Arthur Street (upstream overflow)	2 No. 1 050 x 600 brick half drain	1/230	0.45	0.9	1905
	St Kilda Road	1 050 BB	1/120	2.0		1905
E1	St Kilda Road	2 No. 1 200 x 675 RC	1/385	1	2	1905

3.4.5 Description of System Hydraulics

- A bulkhead is installed in the Hanna Street Main Drain at Commercial Road. The Commercial Road drain, which was originally connected to the Hanna Street drain, has been redirected to the Cowdery Street Main Drain.
- The Commercial Road drain flow (3.1 m^3/s) is directed to the Cowdery Street drain and the overland flow is north along the southbound service lane of St Kilda Road.
- Most of the overland flow along St Kilda Road is contained within the southbound service lane until Slater Street. At Slater Street the flow crosses St Kilda Road.
- Overland flow from Fawkner Park contributes to the Hanna Street Main Drain at Armadale Street and Slater Street.

- The drain capacity between St Kilda Road and the Arthur Street overflow is 0.9 m^3/s.
- The Arthur Street Overflow Drain capacity is 1.6 m^3/s and diverts this flow to the Albert Park Lake.
- The 100 year overland flow at Queens Road/Arthur Street will pond to a depth of about 0.7 m across Queens Road due to the golf course boundary raised kerb.
- The 100 year ARI overland flow will be attenuated across the golf course. Some overland flow will enter Albert Park Lake. It is assumed in the hydraulic modelling that the existing earth bunding and badminton/basketball stadiums will restrict the overland flow to approximately 1 m^3/s between the stadiums.
- The Bowen Street overflow drain diverts 1.8 m^3/s to Albert Park Lake. The Bowen Street overflow drain is over the top of the Hanna Street Drain and the drains are connected with a 375 mm diameter pipe between them.
- A major inflow to the Hanna Street Main Drain occurs in the vicinity of Albert Road/Kings Way.
- A retarding basin occurs upstream of Park Street. The Park Street road level is about RL 2.5 m with the lowest road level within the basin being RL 1.6 m.
- The Kings Way road surface has a nominal grade of 1 in 5 000 between Bank Street RL 1.4 m) and Whiteman Street (RL 1.0 m).
- The Kings Way bridge abutment is a hydraulic control near Kavanagh Street.
- A retarding basin occurs upstream of Whiteman Street as a result of the Yarra River southern boulevard and development level.
- A culvert of 5.3 m by 2.4 m was constructed around and through the Crown Casino development. Some sections of the drain that are parallel to the building foundations are approximately 8 m wide. The sections on either side of the building are 5.3 m wide. New grated inlets have been provided in Whiteman Street and an 1 800 diameter pipe connection to the 5.3 m by 2.4 m culvert.
- The Whiteman Street pumping station operation is as follows:
  - Penstocks normally closed
  - Hanna Street drain level 50 mm above Yarra River level - Penstock open
  - Hanna Street drain level below Yarra River level and flow less than 2 m^3/s - Penstock closes and pump operation resumes
  - Pumping capacity with penstock closed - 2 m^3/s (4 No. pumps) with operating levels RL -4.7 (off) and RL -4.4 (pump A on)
  - Design capacity with penstocks open 20.7 m^3/s with water level at RL 0.9 m in Whiteman Street.

3.4.6 RORB Model Parameters

• Initial Losses (mm)	15
• Runoff Coefficient	0.6
• Kc	4.9
• m	0.8

3.4.7 RORB Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)			Comments
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)	
E1	Intersection of Commercial and St Kilda Road	2.8	4.4	6.1				
E2	Intersection of Leopold, Armadale and St Kilda Roads	3.7	5.7	7.4				
E2A	Intersection St Kilda Road and Arthur Street	4.5	6.9	8.9				
E3	Albert Park Golf Course	2.7	4.5	6.5	2.7, 4.5, 6.5	1.2, 1.5, 2.0	4.0, 4.1, 4.2	Albert Park 'retarding basin'
E4	Intersection of Albert Road and Kings Way	7.7	9.8	11.8				
E4.5	Intersection of Park Street and Kings Way	11.2	14.2	16.9	11.2, 14.2, 16.9	3.6, 3.6, 3.6	2.1, 2.3, 2.4	Park Street 'retarding basin'
E5	Intersection of Coventry Street and Kings Way	18.4	21.6	24.6				
E6	Between Clarendon Street and Kings Way	20.6	25.5	30.5	20.6, 25.5, 30.5	20.6, 21.8, 22.3	0.5, 1.0, 1.1	Whiteman Street 'retarding basin'

3.4.8 Hydraulic Section Locations and Flood Levels (HEC-RAS Model)

Section No.	Location	Overland Flow Esimate (m3/s)			Flood Level (m AHD)			Invert Suface Level (typical)	Flow Depth (m) 100 yr	channel Velocity (m/s) 100 yr	Velocity Depth Product 100 yr
		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr				
1	Commercial Road	0.8	2.4	4.1	8.1	8.2	8.2	7.9	0.3	1.2	0.4
2	Hanna Street	0.8	2.4	4.1	7.9	8.0	8.0	7.7	0.3	1.0	0.3
3	480 St Kilda Road	0.8	2.4	4.1	7.2	7.3	7.4	7.1	0.3	1.5	0.4
4	Leopold Street	0.8	2.4	4.1	6.1	6.2	6.2	5.9	0.3	1.4	0.5
5	462 St Kilda Road	1.7	3.7	5.4	5.8	5.9	6.0	5.4	0.6	0.9	0.5
6		1.7	3.7	5.4	5.6	5.7	5.7	5.4	0.3	1.3	0.4
7	St Kilda Road Centreline	2.5	4.9	6.9	5.5	5.6	5.6	5.4	0.2	1.2	0.2
8	St Kilda Road/Arthur Street	2.5	4.9	6.9	5.2	5.2	5.3	5.0	0.3	1.4	0.4
9	Queens Lane	2.5	4.9	6.9	4.5	4.5	4.6	4.2	0.4	1.5	0.6
10	Queens Road WBL	2.5	4.9	6.9	4.3	4.4	4.4	4.2	0.2	0.0	0.0
11	Albert Park	2.5	4.9	6.9	4.2	4.3	4.3	3.8	0.5	0.1	0.1
12	Albert Park	2.5	4.9	6.9	4.1	4.3	4.3	3.9	0.4	0.2	0.1
13	Albert Park	1.5	3.0	5.3	4.0	4.1	4.2	3.2	1.1	0.2	0.2
14a	Albert Park (Rear of Stadiums)	1.0	1.0	1.0	4.0	4.1	4.2	4.0	0.2	0.4	0.1
14	Albert Park (Front of Stadiums)	1.0	1.0	1.0	3.9	3.9	3.9	3.2	0.7	1.0	0.7
15	Albert Road	3.2	5.0	5.0	3.1	3.2	3.2	2.5	0.7	0.6	0.4
16	Albert Road	3.2	5.0	5.0	2.9	2.9	3.0	2.1	0.9	0.9	0.8
17	Kings Way at Albert Road	4.3	6.3	7.1	2.5	2.6	2.6	2.2	0.4	1.3	0.5
18	Palmerston Crescent	4.3	6.3	7.1	2.5	2.5	2.5	1.6	0.9	0.2	0.2
19	Park Street	0.5	0.5	1.0	2.5	2.5	2.5	2.4	0.1	0.4	0.0
20	Bank Street	1.5	2.7	4.0	1.8	1.9	2.0	1.3	0.7	0.3	0.2
21	Dorcas Street	3.0	5.4	8.0	1.7	1.8	1.9	1.1	0.8	0.4	0.3
22	Convetry Street	4.5	8.1	11.6	1.6	1.7	1.8	1.3	0.5	0.9	0.5
23	Moore Street	4.5	8.1	11.6	1.5	1.6	1.7	0.9	0.8	0.6	0.5
24	Chessell Street	4.5	8.1	11.6	1.5	1.6	1.7	0.8	0.9	0.5	0.4
25	Kavanagh Street	4.5	8.1	11.6	1.5	1.6	1.7	0.8	0.9	0.5	0.5
26	Kavanagh Street	4.5	8.1	11.6	1.4	1.5	1.6	0.9	0.7	1.0	0.7
27	City Road	4.5	8.1	11.6	1.2	1.2	1.3	1.0	0.3	1.2	0.3

3.4.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	32
3	20 year ARI ≤ flood risk ≤ 50 year ARI	23
2	50 year ARI ≤ flood risk ≤ 100 year ARI	16
1	100 year ARI inundates property	181
0	Outside Risk Category 1 to 4	>67

Number of floor levels surveyed was 150.

3.4.10 Flood Safety Assessment

Flood Safety Category	Description	Number of Properties
1. Low Risk	Velocity * Depth ≤ 0.4	296
2. Medium Risk	0.4 < Velocity * Depth ≤ 0.8	15
3. High Risk	0.8 < Velocity * Depth	0

3.4.11 Flood Protection Options

Flood protection options have been considered for the following locations:

- Kings Way between City Road and Market Street
  Flood protection options of this location are likely to involve increasing the drain capacity between Market Street and the Yarra River.

  A possible route for a new drain is along Southbank Boulevard, Moore Street and Kings Way to the south of Coventry Street. The length of the drain is 1 500 m.

  Due to the flat topography of the area, a pump station may be required at the outfall to allow maintenance of the drain. A culvert of approximately 5 m wide by 1.5 m deep is required to cater for the 100 year ARI flow in excess of the existing drain capacity. The estimate indicative cost of the diversion drain is $9.0 m (including a 25% contingency).

- Kings Way between Park Street and Albert Road
  Flood protection options for this location is likely to involve:

  - Lowering of Park Street/Kings Way from RL 2.5 m to RL 1.4 m. This is not considered technically feasible due to the traffic volume and the road grading for the tram tracks.
  - Increasing the drain capacity under Park Street to cater for the 100 year ARI flow.
    This option would require the drain to be extended 2 km to the Yarra River to provide an outfall. Due to the flat topography, the size of the drain and traffic conditions, this option is considered prohibitively expensive to cater for 100 year ARI flows.

- Diverting the 100 year ARI flow contributing to the area to Albert Park Lake. This option involves increasing the capacity of the Bowen Lane Diversion Drain to 12 m³/s, extending the Bowen Land Diversion Drain north along St Kilda Road to Coventry Street (capacity 5.0 m³/s) and providing a new diversion from Albert Park Lake along Eastern Road, Heather Street and Tope Street to Bank Street (capacity 10 m³/s). It is also proposed that a flood levee be constructed to the south of the badminton stadiums to divert all surface flow on the golf course to Albert Park Lake.

The proposal would involve:

	Design Flow (m³/s)	Length (m)	Preliminary Size (mm)	Indicative Cost $M
– Bowen Lane Diversion Drain	12	500	2 400	1.2
– Bowen Lane Diversion Drain - Extension to Coventry Street	5	800	1 500	1.5
– Eastern Road Diversion Drain	10	800	2 100	1.8
				$4.5 M
	Contingency 25%			$1.2 M
	Indicative Cost Estimate			$5.7 M

- Arthur Street/St Kilda Road
  A flood protection option for this location is likely to involve:
  - Replacing 100 metres of the existing culvert (0.9 m³/s capacity) between the Arthur Street overflow and St Kilda with a new culvert with a capacity of about 2.5 m³/s. This new culvert capacity matches the existing downstream drain capacity. This culvert requires rehabilitation based on a recent CCTV inspection.
  - Raising the footpath between Arthur Street and 462 St Kilda Road by about 0.15 m. The indicative cost estimate is $0.3 M (including 25% contingency).

4901

3.5 Rosny Street (Drain No. ~~4806~~)

3.5.1 Drawing Numbers

- 4901/04/1 Flood Inundation Map
- 4901/04/2 Catchment Plan and Modelling Nodes
- 4901/04/3 Preliminary Flood Protection Options

3.5.2 Description of Catchment and Drainage System

- Area (Hectares) 116
- Land Use Residential and industrial
- Specific Features Seawall along foreshore (top of wall RL 2.50 m)

3.5.3 Historical Information

Available Flood Level Information - Nil

3.5.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Constructed
E1 to E2	Salmon Street	1 575 mm dia 1 650 mm dia	1/1 500 1/1 200	2.1 2.7	1941
E2 to E3	Emery Street	1 650 mm dia	1/1 200	2.7	1941
E3 to E4	Rosny Street Barak Road	1 650 mm dia 1 650 mm dia	1/1 200 1/1 200	2.7 2.7	1941
E4	Outfall	1 500 x 1 650 m	1/1 700	2.7	1941

3.5.5 Description of System Hydraulics

The Rosny Street Main Drain drains an extremely flat area in Port Melbourne. The seawall along the foreshore does not allow any surface flows to reach the beach. Some flow discharges to the bay at the eastern end of the wall.

Due to the flat nature of the area, any surface flows spread out along the roads. We have assumed that 1 m^3/s of overland flow is diverted in adjoining areas at the following locations:

(i) Williamstown Road (east and west),
(ii) Howe Parade (west), and
(iii) Dunstan Parade (east).

3.5.6 RORB Model Parameters

- Initial Losses (mm) 15
- Runoff Coefficient 0.6
- Kc 2.4
- m 0.8

3.5.7 RORB Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)			Comments
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)	
E1	Intersection of Plummer Street and Salmon Street	4.3	5.2	6.3				
E2	Intersection of Williamstown Road and Salmon Street	7.1	8.5	9.7				Assumes 2 m^3/s lost to adjoining catchments along Williamstown Road
E3	Intersection of Howe Parade and Rosny Street	6.8	8.1	9.7				Assumes 1 m^3/s lost to adjoining catchment along Howe Parade
E4	Intersection of Beacon Parade and The Boulevarde	6.8	8.2	9.9	4.1, 5.5, 7.2	0.2, 0.5, 1.0	2.4, 2.45, 2.5	Assumes 1 m^3/s lost to adjoining catchment along Dunstan Parade. Retarding basin behind sea-wall for surface flow only.

3.5.8 Hydraulic Section Locations and Flood Levels (HEC-RAS Model)

Section No	Reach	Overland Flow Esimate (m3/s)			Flood Level (m AHD)			Invert Suface Level (typical)	Flow Depth (m) 100 yr	channel Velocity (m/s) 100 yr	Velocity Depth Product 100 yr
		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr				
1	Smith St	1.8	2.8	3.6	3.0	3.1	3.1	2.8	0.3	0.8	0.3
2	Smith St	1.8	2.8	3.6	2.8	2.9	3.0	2.7	0.4	0.5	0.2
3	Smith St	1.8	2.8	3.6	2.7	2.8	3.0	2.5	0.5	0.4	0.2
4	Smith St	1.8	2.8	3.6	2.9	2.9	2.9	2.8	0.1	0.8	0.1
5	Smith St	1.8	2.8	3.6	2.6	2.6	2.9	2.4	0.5	0.7	0.3
7	Smith St	1.8	2.8	3.6	2.6	2.6	2.9	2.3	0.6	0.5	0.3
8	Smith St	1.8	2.8	3.6	2.7	2.7	2.9	2.5	0.4	0.1	0.0
14	Howe St	1.5	3.5	4.5	2.5	2.6	2.9	2.2	0.7	0.3	0.2
6	Howe St	1.5	3.5	4.5	2.6	2.6	2.9	2.3	0.6	0.3	0.2
12	Howe St	1.5	3.5	4.5	2.5	2.6	2.9	2.3	0.6	0.3	0.2
									0.0		0.0
1	Salmon St	1.8	2.8	3.6	3.1	3.1	3.2	2.9	0.3	0.7	0.2
2	Salmon St	1.8	2.8	3.6	2.9	2.9	3.1	2.7	0.4	0.5	0.2
3	Salmon St	1.8	2.8	3.6	2.8	2.8	3.1	2.5	0.5	0.4	0.2
4	Salmon St	1.8	2.8	3.6	2.9	2.9	3.0	2.8	0.2	0.6	0.1
5	Salmon St	1.8	2.8	3.6	2.8	2.9	2.9	2.7	0.2	1.3	0.3
6	Salmon St	1.8	2.8	3.6	2.6	2.6	2.9	2.3	0.6	0.5	0.3
7	Salmon St	1.8	2.8	3.6	2.6	2.6	2.9	2.4	0.5	0.4	0.2
8	Salmon St	1.8	2.8	3.6	2.7	2.7	2.9	2.5	0.4	0.1	0.0
9	Rosney St	3.8	5.8	7.2	2.6	2.7	2.8	2.3	0.5	1.2	0.7
15	Rosney St	3.8	5.8	7.2	2.4	2.5	2.7	2.1	0.6	1.2	0.6
									0.0		0.0
20	Barak Rd	2.2	3.3	4.2	2.3	2.4	2.6	2.0	0.6	0.6	0.4
20a	Barak Rd	2.2	3.3	4.2	2.2	2.2	2.5	1.9	0.6	0.6	0.4

Section No	Reach	Overland Flow Esimate (m3/s)			Flood Level (m AHD)			Invert Suface Level (typical)	Flow Depth (m) 100 yr	channel Velocity (m/s) 100 yr	Velocity Depth Product 100 yr
		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr				
12	Dunstan 1	1.5	2.4	3.0	2.3	2.4	2.7	2.2	0.5	0.4	0.2
20	Dunstan 1	1.5	2.4	3.0	2.4	2.5	2.6	2.2	0.5	0.7	0.3
16	Dunstan 2	0.8	1.2	1.5	2.4	2.4	2.6	2.2	0.5	0.4	0.2
17	Dunstan 2	0.8	1.2	1.5	2.3	2.4	2.5	2.2	0.4	0.5	0.2
									0.0		0.0
17	Edina Av	0.8	1.2	1.5	2.3	2.3	2.5	2.1	0.4	0.4	0.2
18	Edina Av	0.8	1.2	1.5	2.0	2.1	2.5	1.8	0.7	0.2	0.1
16	Gellibrand	0.8	1.2	1.5	2.3	2.2	2.5	2.1	0.5	0.4	0.2
18	Gellibrand	0.8	1.2	1.5	2.1	2.1	2.5	1.8	0.7	0.2	0.1
18	The Bend	1.5	2.4	3.0	2.1	2.2	2.5	1.8	0.7	0.4	0.3
19	The Bend	1.5	2.4	3.0	1.9	2.0	2.5	1.7	0.9	0.3	0.2

3.5.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	0
3	20 year ARI ≤ flood risk ≤ 50 year ARI	0
2	50 year ARI ≤ flood risk ≤ 100 year ARI	5
1	100 year ARI inundates property	249
0	Outside Risk Category 1 to 4	0

Number of floor levels surveyed was 142.

Note that the house floor levels surveyed to the east of Page Street are considered to be beyond the effective flood level shown on the flood extent plan.

3.5.10 Flood Safety Assessment

Flood Safety Category	Description	Number of Properties
1. Low Risk	Velocity x Depth ≤ 0.4	239
2. Medium Risk	0.4 < Velocity x Depth ≤ 0.8	9
3. High Risk	0.8 < Velocity x Depth	5

3.5.11 Flood Protection Options

The flood protection option to cater for 100 year ARI flows involves:

- Increasing the drain capacity by 7 m^3/s from the intersection of Williamstown Road and Salmon Street by constructing a new drain along Williamstown Road and Centre Avenue and providing a new outfall to Hobsons Bay opposite Centre Avenue.

The estimated drain diameter is 2 100 mm and the length is 800 m. The estimated cost of these works including a 25% contingency is $2.1 M.

3.6 Princes Street/Esplanade West/Richardson Street/Cruikshank Street (Drain Nos. 4902/4903/4904/4908)

3.6.1 Drawing Numbers

- 4908/10/01 Flood Extent Map
- 4908/10/02 Catchment Plan and Modelling Nodes
- 4908/10/03 Preliminary Flood Protection Options

3.6.2 Description of Catchment and Drainage System

- Area (Hectares) 280
- Land Use Residential and commercial some parkland
- Specific Features

3.6.3 Historical Information

Available Flood Level Information - Melbourne Water Spring Street Flood Mitigation Report, 1991.

3.6.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Combined Capacity (m^3/s)	Constructed
Princes Street Drain EP1 to EP0	Evans Street to Drain Reserve	1 200 x 900 BC		1.3		1929
Princes Street Drain EP2 to EP0	Princes Street to Drain Reserve	900		0.65		1929
Princes Street Drain EP0 to EP3	Drain Reserve	2 No. 1 800 x 825 to 1 050 BC		2.0		1929
Princes Street Drain EP3 to EP4	Princes Street between Drain Reserve and Rouse Street	2 No. 1 800 x 825 to 1 050 BC		2.6		1929
Princes Street Drain EP4 to EP5	Princes Street	2 No. 1800 x 825 to 1 050 BC		2.6		1929
Princes Street Drain EP5	Outlet (Beach Road)	3 800 x 1 180 BC	-	2.6		1976
Cruikshank Street Drain E2.1 to E2.2	Pickles/Cruikshank Street between Ingles and Bridge Streets	1 250 x 1 050 1 800 x 1 000	1/840 1/1 480	1.5 1.7	3.6	1926 1982
Cruikshank Street Drain E2.2 to E2.3	Cruikshank Street between Bridge and Liardet Streets	1 800 x 1 000 1 900 x 1 050	1/1 480 1/1 480	1.7 1.9	3.6	1982 1926
Cruikshank Street Drain E2.3 to E2.4	Esplanade East between Liardet and Graham Streets	1 800 x 1 000 1 800 x 1 050	1/1 480 1/1 480	1.7 1.9	3.6	1982 1926
Cruikshank Street Drain E2.4 to E2.5	Esplanade East between Graham Street and Beach Road	2 400 x 1 200 2 025 x 1 050	1/1 270 1/1 430	2.1 3.4	5.5	1982 1926
Cruikshank Street Drain E2.5 to Outlet	Beach Road Outlet to Hobsons Bay	3 600 x 1 350	1/600	9.5		1985
Esplanade West Drain E1.1 to E1.2	Esplanade West between Liardet Street and Spring Street	1 725 x 1 080 brick ovoid	1/1 150	1.2		
Esplanade West Drain E1.1 to E1.2	Liardet Street between Lalor Street and Esplanade West	1 350 mm BB	1/750	1.6		
Esplanade West Drain E1.2 to E1.4	Esplanade West between Liardet Street and Richardson Street Drain	1 800 mm BB	1/1 200	3.3		
Richardson Street Drain E3.1 to E3.2	Richardson Street between Bridport and St Vincent Street	1 800 diam	1/975	3.5		1981
Richardson Street Drain E3.2 to E3.3	St Vincent Street between Richardson and Pickles Streets	1 800 diam	1/975	3.5		1981
Richardson Street Drain E3.3 to E1.4	Connection from Pickles Street to Esplanade West	1 800 diam	1/975	3.5		1981
Richardson/Esplanade West Drain E1.4 to E1.5	Esplanade West	1 950 mm diam	1/ 2 000	3.8		1981
Richardson/Esplanade West Drain E1.5 to Outlet	Port Melbourne Pump Station Outfall	1 500 m diam	N/A	5.0		1969

3.6.5 Description of System Hydraulics

- This catchment contains at least four relevant land locked low lying areas inland from the Bay. The areas are:
  - Richardson Street/St Vincent Street (RL 1.6 m)
  - Spring Street/Lyons Street and Ingles/Crockford (RL 1.0 m)
  - Farrell Street/Princes Street/Lalor Street (RL 1.0 m)
  - Farrell Street/Evans Street/Ross Street (RL 1.4 m)
- Cruickshank Street Drain was constructed in 1927 and duplicated in 1983. Flow in excess of the drains capacity at the upstream end flows to the Spring Street/Lyons Street low lying area. A 1 200 x 750 mm Council culvert connects to the Cruickshank Street Drain at Danks Street. The Danks Street catchment falls away from the Cruickshank Street Drain, therefore only the pipe capacity flows into Cruickshank Street Drain.
- The Port Melbourne Pump Station has four pumps, each with a design capacity of 1.25 m^3/s. The Esplanade West and Richardson Street Drains flow to the Port Melbourne Pump Station. The pump station total design capacity is 5.0 m^3/s.
- The Richardson Street Drain passes under the Cruickshank Street Drain and there is no cross-connection between the drains at the cross over.
- The Princes Street Drain was constructed in 1929 to serve the Farrell/Ross Streets and Farrell/Princes Streets low lying areas. Previously this area was served by the continuation of the Esplanade West Drain along Farrell Street and the Port Melbourne Pump Station.
  We consider that the Farrell/Princes Street low lying area is served by both the Princes Street Drain and also the construction of the Esplanade West Drain.
- The Spring Street/Lyons Street low lying area is served by a brick barrel ovoid drain which connects into the Esplanade West Drain and the Port Melbourne Pump Station.
- The relative ground levels and timing/outlet capacity assumed for the 100 year ARI flow contributing to the Port Melbourne pump station is as follows:
  - Esplanade West surface flow (2.5 m^3/s) and
    Richardson Street low lying area (2.5 m^3/s), first
  - Farrell Street/Princess Street low lying area, second
  - Spring Street/Lyons Street low lying area, third.

  The Farrell Street/Princes Street and Spring Street/Lyons Street areas effectively have no drainage outfall until the Esplanade West surface flow and Richardson Street drain flow has receded.
- There will be localised surface water in the Esplanade West area due to the limited capacity of the Council drainage system contributing to the Melbourne Water drains.

3.6.6 RORB Model Parameters

- Initial Losses (mm) 10
- Runoff Coefficient 0.6
- Kc 2.3
- m 0.8

3.6.7 RORB Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)		
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)
Princes Street Drain EP1	Intersection of Evans and Farrell Streets	1.3	1.4	1.4	4.8, 6.2, 7.6	1.3, 1.4, 1.4	2.0, 2.05, 2.10
Princes Street Drain EP2	Intersection of Stokes, Princes and Farrell Streets	1	1.3	1.6			
Princes Street Drain EP0	Drain Reserve	2	2	2			
Princes Street Drain EP3	Drain Reserve	2.3	2.6	2.6			
Princes Street Drain EP4	Intersection of Princes and Rouse Streets	2.5	3.2	3.7			
Princes Street Drain EP5	Outlet (Beach Road)	2.6	2.9	3			
Cruikshank Street Drain E2.1	Intersection of Ingles and Pickles Streets	3.1	3.8	4.6			
Cruikshank Street Drain E2.2	Intersection of Cruikshank and Bridge Streets	3.3	4.2	5.2			
Cruikshank Street Drain E2.3	Intersection of Cruikshank and Richardson Streets	3.2	3.8	4.1			
Cruikshank Street Drain 2.4	Intersection of Esplanade East and Graham Street	3.2	3.9	4.2			
Cruikshank Street E2.5	Beach Road	4.3	5.5	6.7			
Esplanade West Drain E1.1	Intersection of Bridge Road and Spring Street Spring Street Retarding Basin	2.4	3.6	5.3	2.4, 3.6, 5.3	0.1, 0.1, 0.1	1.3, 1.35, 1.4
Esplanade West Drain E1.15	Intersection of Lalor and Farrell Streets Farrell Street Retarding Basin	1.7	2.4	3.1	1.7, 2.4, 3.1	0.1, 0.1, 0.1	1.8, 1.9, 1.95
Esplanade West Drain E1.2	Intersection of Liardet Street and Esplanade West	2.5	2.6	2.7			
Esplanade West Drain E1.3	Esplanade West	2.7	3.1	3.3			

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)		
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)
Richardson Street Drain E3.1	Intersection of Bridport and Richardson Street	5.4	6.8	8.6			
Richardson Street Drain E3.2	Intersection of St Vincent and Richardson Streets	6.2	8	9.8			
Richardson Street Drain E3.3	Pickles Street Richardson Retarding Basin	2.5	2.5	2.5	6.4, 8.2, 10.3	2.5, 2.5, 2.5	1.8, 1.90, 2.0
Richardson/Esplanade West Drain E1.4	Esplanade West	5.3	5.5	5.8			
Richardson/Esplanade West Drain E1.5	Esplanade West	5.5	5.9	6.5			
Total Cruikshank/ Richardson/Esplanade	Outlet (Beach Road)	9.7	11.2	12.9			

Note: Outflow from special storages controlled by capacity of Port Melbourne Pump Station (5 m^3/s capacity), relative water levels and connecting drain capacities.

3.6.8 Hydraulic Section Locations and Flood Levels

The topography of the catchment results in overland flow ponding in four retarding basin areas as described in Section 3.6.5. Therefore no hydraulic modelling was undertaken.

3.6.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	8
3	20 year ARI ≤ flood risk ≤ 50 year ARI	8
2	50 year ARI ≤ flood risk ≤ 100 year ARI	9
1	100 year ARI inundates property	590
0	Outside Risk Category 1 to 4	305

Number of floor levels surveyed was 197.

3.6.10 Flood Safety Assessment

The topography of the catchment results in overland flow ponding in four retarding basin areas as described in Section 3.6.5. The overland flow velocity is therefore close to zero and hence all properties in these retarding basin areas have a low flood safety risk. The estimated number of properties with a flood safety category of 1 is 900.

3.6.11 Flood Protection Options

Flood protection options have been considered for the following options:

- Richardson Street/St Vincent Street (RL 1.6)
- Spring Street/Lyons Street between Esplanade East and Esplanade West (RL 1.0)
- Ingles Street near Crockford Street (RL 1.0)
- Lalor Street near Farrell Street/Princes Street (RL 1.0)
- Ross Street near Farrell Street/Evans Street (RL 1.4).

The only potentially feasible option to cater for 100 year ARI flows due to the location and surface level above sea level is to provide additional pumping stations at the localised low points throughout the system.

The pumping capacity at each of the low points to ensure the 100 year ARI flood level is about 0.1 m below the lowest floor level is as follows:

Pumping Station Location	Existing Flood Level	Design Flood Level	Required Design Pumping Capacity	Estimated Cost
Richardson Street	2.0	1.8	3.5 m^3/s	$0.6 M
Spring Street	1.4	1.15	1 m^3/s	$0.2 M
Ingles Street	1.4	1.25	1 m^3/s	$0.2 M
Lalor Street	1.95	1.30	5.2 m^3/s	$0.7 M
Ross Street	2.1	1.75	5.5 m^3/s	$0.7 M
			Sub Total	**$2.4 M**

(RORB file crpr - fdo.cat)

A new common rising main is proposed along Nott Street or Bay Street from Port Phillip Bay to Ingles Street. The following pump stations would be connected to the rising main. The Richardson Street pump station is proposed to pump directly into Hobsons Bay. The existing Richardson Street Drain capacity of 2.5 m^3/s will be also utilised in 100 year ARI events.

Pumping Station Location	Rising Main Design Flow m^3/s	Rising Main		
		Diameter *	Length	Estimated Cost $M
Ingles Street	1	900	300	0.3
Spring Street	2	1 200	500	0.6
Lalor Street	7.2	1 950	60	0.10
Ross Street	5.5	1 800	400	0.70
Pumped Outfall to Bay	12.7	2 700	750	2.0
Richardson Street Pump Flow to Bay	3.5	1 500	650	1.0
			2 660 m	$4.70 M

* Based on flow velocity of 2 m/s.

The preliminary estimated cost for these flood protection works is:

• Pump Stations (5 No.)	$2.4 M
• Rising Main (2 660 m)	$4.7 M
• Land Acquisition for Pump Station Sites	$1.5 M
• Contingency (25%)	$1.9 M
Preliminary Estimated Cost	$10.5 M

3.7 McGregor Street Main Drain (Drain No. 4909)

3.7.1 Drawing Numbers

- 4909/02/01 Flood Extent Map
- 4909/02/02 Catchment Plan

3.7.2 Description of Catchment and Drainage System

- Area (Hectares) 61
- Land Use Residential and some parkland
- Specific Features - St Kilda Light Rail
  - Flat Topography

3.7.3 Historical Information

Available Flood Level Information - Nil

3.7.4 Existing System Capacities and Description

Location	Description	Grade	Capacity
McGregor Street between Park Road and Port Phillip Bay	Twin 1 200 diameter	1/750	2.9 total

3.7.5 McGregor Street Drain

- Outlet Drain. Council upgraded the outlet drain in 1993.
- Ponding. Modelling predicts that ponding will occur in the McGregor Street/Park Street area. The seawall and Marine Parade surface levels are higher than the McGregor Street/Park Street surface levels.
- Flow from east of light rail. We have assumed a 600 mm diameter pipe from the catchment to the east of the light rail line. Some ponding may occur to the east of the light rail. We have not estimated the flood level, but expect the depth to be shallow due to the flat topography of the Albert Park reserve area.

3.7.6 RORB Model Parameters

- Initial Losses (mm) 15
- Runoff Coefficient 0.6
- Kc 2.0
- m 0.8

3.7.7 Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)		
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)
Railway Line to Park Street Retarding Basin	McGregor Street	1.1	1.4	1.8			
Park Street Retarding Basin to Outlet	Corner of McGregor Street and Park Road	3.9	4.7	5.8	3.9, 4.7, 5.8	2.9, 2.9, 2.9	1.50, 1.65, 1.75
Outlet	Beaconsfield Parade	2.9	2.9	2.9			

3.7.8 Hydraulic Modelling

Hydraulic modelling for the special storage was undertaken as part of the RORB modelling.

3.7.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	0
3	20 year ARI ≤ flood risk ≤ 50 year ARI	0
2	50 year ARI ≤ flood risk ≤ 100 year ARI	0
1	100 year ARI inundates property	124
0	Outside Risk Category 1 to 4	9

Number of floor levels surveyed was 28.

3.7.10 Flood Safety Assessment

The topography of the catchment results in overland flow ponding in one retarding basin area as described in Section 3.7.5. The overland flow velocity is therefore close to zero and hence all properties in this retarding basin area have a low flood safety risk. The estimated number of properties with a flood safety category of 1 is 132.

3.7.11 Flood Protection Options

All floor levels are above the 100 year ARI flood level and therefore no flood protection options have been considered.

3.8 Cowdery Street/Union Street (Drain Nos. 4911/4912)

3.8.1 Drawing Numbers

- 4911/14/1 and 2 — Flood Extent Map Sheet 1 of 2 and Sheet 2 of 2
- 4911/14/3 — Catchment Plan and Modelling Nodes
- 4911/14/4 — Preliminary Flood Protection Options.

3.8.2 Description of Catchment and Drainage System

- Area (Hectares) — 322
- Land Use — Residential and Commercial, Albert Park Reserve
- Specific Features
  - Albert Park Lake (normal TWL 2.7 m approximately)
  - Princes Highway Underpass.

3.8.3 Historical Information

Available Flood Level Information - Nil.

3.8.4 Existing System Capacities and Description

Model ID	Location	Description	Grade	Capacity (m^3/s)	Combined Capacity (m^3/s)	Constructed
Cowdery Street Drain						
E0 to E1	Commercial Road (Council Drain)	1 275	1/300	2.2		
E1 to E1a	Commercial Road to Queens Road	1 875	1/440	4.8		1926
E1a	Roy Street Overflow to Albert Park	1 350	1/200	3.0	5.4	1926
E1a to E6	Queens Road to Albert Park Lake Overflow	2 150 x 900 BC	1/800	2.4	2.4	1926
E5 (overflow)	Union Street Drain Overflow to Albert Park Lake	2 x 2 500 x 600 BC	1/280	5.4	9.8	1926
Union Street Drain						
E3 to E4	Upton Road to St Kilda Road	1 275 BB	1/115	3.5	3.5	<1926
E4 to E4a	Punt Road to St Kilda Road	2 x 1 200 x 1 100	1/95	9.0	9.0	
E4a to E5	St Kilda Road to Queens Road	1 425 x 1 125 1 425 x 1 200	1/150 1/150	4.7 5.1	9.8	1968 1926
E5 to E6	Union Street	1 750 x 1 200	1/340	4.4		1926
Cowdery Street Drain						
E6 to E7	Albert Park Lake Overflow Junction to Railway	2 500 x 1 400 BC	1/450	7.5	7.5	1926
E7 to E8	Upstream Railway to Outfall	2 x 2 350 x 1 275 BC	1/500	11.4	11.4	1926

3.8.5 System Hydraulics

- Princes Highway Underpass. A pumped system is used to drain the Princes Highway underpass. The pump station has a nominal capacity. For major events the catchment area to the south drains to the underpass.
- Excess flow above the Cowdery Street Drain capacity at Commercial Road is diverted into the Hanna Street Main Drain catchment.
- The overland flow from Union Street at St Kilda Road will spread out to the north along St Kilda Road. The lowest point along the west side of St Kilda is at No. 618, some 70 m north of Union Street. Some overland flow may travel through the properties on the west side of St Kilda Road.
- The Union Street drain between Albert Park Lake and Punt Road has a capacity of about 9.0 m^3/s. The Union Street Drain upstream of Punt Road has a capacity of 3.5 m^3/s. We have assumed that the overland flow cannot be captured at Punt Road with the existing pit capacity.
- Cowdery Street Drain flow at Roy Street is diverted into Albert Park Lake.
- Queens Road Special Storage. Overland flow from Queens Road to Albert Park Lake will be stored until the grass verge along Queens Road is overtopped.
- Flow Into/Out of Albert Park Lake. The Union Street diversion drain diverts some pipe flow into the Albert Park Lake. The pipe capacity downstream of the diversion matches the upstream pipe capacity of the Cowdery Street and Union Street drains.
- Overland Flow Across Albert Park. There is overland flow across Albert Park which is expected to be minor and will generally be shallow flows over the grassed areas. Flood levels across the Albert Park reserve have not been estimated.
- St Kilda Light Rail. There may be some minor ponding to the east of the light rail embankment. Any ponding may cover large areas due to the flat topography.
- Cowdery Street Special Storage. Modelling estimates that ponding will occur in the Cowdery Street/Park Street area due to the capacity of the outlet drain, the upstream catchment drain flow and local area stormwater.
- Cowdery Street Drain Impact on Transport Routes. Major flooding in the Cowdery Street Drain Catchment will have a significant effect on transport routes such as:
  - Punt Road
  - Queens Road
  - St Kilda Road
  - Princes Highway (underpass).

3.8.6 RORB Model Parameters

• Initial Losses (mm)	15
• Runoff Coefficient	0.6
• Kc	3.9
• m	0.8

3.8.7 Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)			Comments
		20 yr	50 yr	100 yr	Inflow (m3/s) (20, 50, 100 yr)	Outflow (m3/s) (20, 50, 100 yr)	Level (m AHD) (20, 50, 100 yr)	
E0	Intersection of Punt Road and Commercial Road (Council Drain)	4	5.1	6.2				
E1	Intersection of Commercial and St Kilda Roads	3.1	3.1	3.1				Excess flow to Hanna Street Drain
E1.5	Roy Street Drain Diversion	1.5	1.5	1.5				
E2	Intersection of Lakeside Drive and Queens Road	3.1	4	4.8				
E3	Intersection of Upton Road and Union Street	5.1	6.4	7.6				All flow in a major storm event assumed to be diverted to Princes Highway Underpass
E4	Intersection of Punt Road and Union Street	7.6	9.7	11.6				All flow in a major storm event assumed to be diverted to Princes Highway Underpass
E5	Intersection of Queens Road and Union Street	8.9	11.5	14.1				
Junction downstream E5		7.5	7.5	7.5				
Union Street Overflow		5.4	5.4	5.4				
E6	Albert Park Lake - Ross Gregory Drive	6.3	6.4	6.5				
E7	Intersection of Canterbury Road and Cowderoy Street	10.9	13.4	15.8				
Cowderoy Street Retarding Basin					16.4, 20.1, 22.	11.4, 11.4, 11.4	2.0, 2.1, 2.2	
E8	Intersection of Cowderoy Street and Beaconsfield Parade	11.4	11.4	11.4				

3.8.8 Hydraulic Section Locations and Flood Levels (HEC-RAS Model)

Section No.	Location	Overland Flow Estimate (m^3/s)			Flood Level (m AHD)			Invert Surface Level (typical)	Flow Depth (m)	Channel Velocity (m/s)	Velocity Depth Product
		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr				
	(Queens Road)										
19	Lorne Street	0.7	1.6	2.4	4.9	5.0	5.0	4.8	0.2	0.9	0.2
20	72 Queens Street	0.7	1.6	2.4	4.3	4.3	4.4	4.1	0.4	0.3	0.1
18	74 Queens Street	0.7	1.6	2.4	4.2	4.3	4.4	4.0	0.3	0.2	0.1
	(Union Street)										
1	Upton Road	0.7	2.0	3.2	13.1	13.2	13.3	13.0	0.3	1.4	0.4
2	70 Union Street	1.3	2.8	4.2	12.0	12.0	12.1	11.7	0.4	1.5	0.5
3	48 Union Street	2.0	3.7	5.2	11.2	11.3	11.3	10.8	0.5	1.6	0.8
4	20 Union Street	2.6	4.5	6.2	10.4	10.5	10.5	10.0	0.5	1.8	0.9
5	East Side of Punt Rd	3.2	5.3	7.2	9.7	9.8	9.9	9.3	0.6	1.1	0.7
6	Centre of Punt Road	3.2	5.3	7.2	9.6	9.7	9.8	9.4	0.4	1.7	0.6
7	West Side of Punt Rd	3.2	5.3	7.2	9.3	9.3	9.4	9.0	0.4	1.7	0.7
8	Between Punt Rd & St Kilda Rd	3.2	5.3	7.2	8.3	8.3	8.4	7.9	0.5	1.7	0.8
9	East Side of St Kilda Rd	3.2	5.3	7.2	7.3	7.3	7.4	7.0	0.4	1.6	0.7
10a	St Kilda Road	3.2	5.3	7.2	7.1	7.1	7.2	6.8	0.3	1.5	0.5
11a	St Kilda Road	3.2	5.3	7.2	6.8	6.8	6.9	6.6	0.3	1.5	0.4
12a	West Side of St Kilda Rd	3.2	5.3	7.2	6.4	6.5	6.5	6.3	0.2	1.3	0.3
13a	Queens Lane	3.2	5.3	7.2	5.1	5.2	5.2	4.9	0.3	1.3	0.4
14	Queens Road	3.2	5.3	7.2	4.3	4.4	4.5	4.1	0.4	1.2	0.4
15	74 Queens Road	3.2	5.3	7.2	4.3	4.4	4.4	3.8	0.7	0.6	0.4
16a	71 Queens Road	3.6	6.5	9.1	4.3	4.4	4.4	3.4	1.1	0.2	0.2
17a	69 Queens Road	3.6	6.5	9.1	4.3	4.4	4.4	4.0	0.4	0.5	0.2
18	Albert Park Lake	3.6	6.5	9.1	4.2	4.3	4.4	4.0	0.3	0.7	0.2

3.8.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	20
3	20 year ARI ≤ flood risk ≤ 50 year ARI	6
2	50 year ARI ≤ flood risk ≤ 100 year ARI	10
1	100 year ARI inundates property	255
0	Outside Risk Category 1 to 4	>114

Number of floor levels surveyed was 128.

3.8.10 Flood Safety Assessment

Flood Safety Category	Description	Number of Properties
1. Low Risk	Velocity * Depth ≤ 0.4	328
2. Medium Risk	0.4 < Velocity * Depth ≤ 0.8	52
3. High Risk	0.8 < Velocity * Depth	14

3.8.11 Flood Protection Options

Flood protection options have been considered for the following locations:

- 6 No. properties in Union Street between Punt Road and Upton Road
- St Kilda Road
- Queens Road (lowest floor level RL 4.25 m), (lowest basement level RL 3.4 m).

The flood protection option to cater for 100 year ARI flows along Union Street between Punt Road and Upton Road is to provide an additional 1 350 diameter, 450 m drain with a capacity of about 4.0 m^3/s and additional pit capacity at Upton Road (estimated cost $0.7 M).

The flood protection option to cater for 100 year ARI flows along the Union Street Drain at St Kilda Road and Queens Road will involve:

- Providing additional inlet capacity and connections to the Union Street Drain at Punt Road (capacity 6 m^3/s) and St Kilda Road (approximately 3 m^3/s capacity)
  (Estimated cost $0.4 M)

- Raising the St Kilda Road western footpath and driveways to direct any overland flow down Union Street
  (Estimated cost $0.05 M)

- Providing an additional overflow drain and inlet pit with a capacity of 5 m^3/s in Queens Road with the outlet to Albert Park Lake
  (Estimated cost $0.3 M)

Sub Total	$1.45 M
Contingency 25%	$0.35 M

Total estimate cost for flood protection works $1.8 M.

3.9 Shakespeare Grove/St Kilda Town Hall (Drain No. 4913/4914)

3.9.1 Drawing Numbers

- 4913/20/01 and 02 Flood Extent Map
- 4913/20/03 Catchment Plan
- 4913/20/04 Flood Protection Options

3.9.2 Description of Catchment and Drainage System

- Area (Hectares)
- Land Use Residential, commercial
- Specific Features
  - Sandringham railway line
  - Byron Street anabranch flow
  - Series of special storages between Marine Parade and Chapel Street
  - Series of overland flow diversion along streets between Chapel Street and Hotham Street.

3.9.3 Historical Information

Available Flood Level Information - Melbourne Water Storm Report 7 February 1989.

3.9.4 Existing System Capacities and Description

Model ID	Location	Description	Grade (m/m)	Capacity (m^3/s)	Combined Capacity (m^3/s)	Year Constructed
E2	Wenden Grove at Orrong Road	1 125 mm diam concrete	1/41	5.0		1929
E3	Inkerman Street at Kalymna Grove	1 350 mm diam concrete 600 mm BB	1/77 1/77	6.0 0.5	6.5	1929
	Inkerman Street at Alexandra Street	1 500 diam concrete 750 mm BB	1/86 1/80	7.8 1.2	9.0	1929
E4	Inkerman Street at Hotham Street	900 mm BB 1 500 mm concrete	1/80 1/80	1.3 8.0	9.3	1929
	Inkerman Street at Westbury Street	1 200 mm BB 1 725 mm concrete	1/110 1/110	2.5 10.2	12.7	1929
E5	Inkerman Street at Railway Line	1 200 BB 1 725 mm concrete	1/110 1/110	2.5 10.2	12.7	1929
E6	Inkerman Street at Chapel Street	2 500 x 1 700 mm rectangular drain	1/432	10.7		1929
E7	Inkerman Street at Henryville/Marriott St	2 250 x 2 025 mm rectangular drain	1/450	10.7		1929
	Inkerman Street at Street Kilda Road	2 250 x 1 700 mm rectangular drain	1/450	10.7		1929
E8	Greeves Street Between Inkerman and Blanche Street	2 550 x 2 025 mm rectangular drain	1/450	10.7		1984
E9.2	St Kilda Town Hall at Chapel Street Drain/ Nightingale Street	2 925 x 1 275 mm rectangular concrete drain	1/1 400	4.5		1984
	St Kilda Town Hall Open Drain at Carlisle Street	Covered bluestone pitched drain	1/310	5.0		1984
E9.1	St Kilda Road	Blue stone open pitched channel	1/500	10.0		1984
E9	Albert Road at Barkly Street	4 875 x 2 025 mm rectangular drain	1/750	21.0		1983
E10	Shakespeare Grove at Acland Street	4 875 x 1 950 mm rectangular drain	1/750	21.0		1983
E11		4 500 x 1950 mm open rectangular drain	1/300	21.0		1983

3.9.5 System Hydraulics

- Wenden Street/Marne Street East Walkway. The walkway is 2 m wide and a flow depth of about 1.5 m is required to pass the 100 year ARI flow. Buildings and structures either side of the walkway restrict the overland flow width. Based on a site inspection, we consider that the paling fence in the south east corner of 8 Wenden Street would be flattened when the water depth is about 1 metre. Therefore the 100 year ARI flood level is assumed to be 1 metre above ground level at the eastern end of the walkway. Once the side fence is flattened, this provides an overland flow path through the No. 3 Marne Street East flats concrete driveway.

- Marne Street East/Lansdowne Street/Inkerman Street Properties. The flow splits along the Marne Street East roadway into Inkerman Street once the Lansdowne Street overland flow is restricted through the Lansdowne/ Inkerman Street properties. Paling fences are assumed to be flattened once the water level is 1 metre above ground level.
- Inkerman Street - Hotham Street to St Kilda Road. The natural valley is to the south of Inkerman Street, therefore the modelling has allowed for flow splits at each of the roads to the south of Inkerman Street. Inkerman Street has a grade of about 1% for most of this length.
  The model allows for 20% of the overland flow to be diverted at each of the roads based on the assumption that the overland flow on the Inkerman Street southern footpath and 1 metre of roadway flow will turn the corner. The remainder of the flow continues along Inkerman Street. The basis of the flow distribution is included in Appendix B.
- Carlisle Street - Hotham Street to St Kilda Road. Carlisle Street is generally the natural valley flow path between Hotham Street to St Kilda Road. Flow is diverted from Inkerman Street to Carlisle Street along the connecting roads. Carlisle Street has been modelled due to the significant proportion of flow being diverted from Inkerman Street.
- Hotham Street/Westbury Street - Inkerman Street to Carlisle Street. Flood levels have been estimated for Hotham Street and Westbury Street due to the flow being greater than the overland flow capacity of the roadway.
- North/South Roads between Inkerman Street and Carlisle Street. Flood levels have not been estimated along the connecting roads between Inkerman Street and Carlisle Street, except Hotham Street and Westbury Street, due to the flows being generally less than 2.0 m^3/s and the roadways having capacity to cater for these flows. New floor levels along these roads should be at least 300 mm above the top of kerb level. No house floor levels have been surveyed along these roads.
- Dead End Street South of Inkerman Street and Carlisle Street. The overland flow that is diverted along dead end streets south of Inkerman Street and Carlisle Street has been assumed to be attenuated and effectively lost from the system in terms of the peak flows and resulting flood levels. The impact of the diverted flows on house flooding has not been assessed.
- Byron Street Drain Overland Flow. Based on Melbourne Water direction (facsimile dated 15 January 1997), the RORB model assumes an additional 60 hectares of catchment to account for the overland flow of about 5 m^3/s in a 100 year ARI event to be diverted into the St Kilda Town Hall Drain catchment.
- Special Storages. Five special storages have been modelled using RORB. The storages and the outlet control is described below:

Storage		Outlet Control
– Marine Parade	-	Flow into St Kilda marina north side (critical depth)
– Spencer Street	-	Flow across Spencer Street/Blessington Street road (normal depth)
Acland		
– Ackland Street	-	Flow along Shakespeare Grove past toilet block (normal depth)
– Barkly Street	-	Flow over Barkly Street road (critical depth)

- Chapel Street - Flow along Carlisle Street and Chapel Street/Duke Street (normal depths).

The special storages attenuate peak flows significantly ie. Calibration flow 50 m^3/s compared with design flow 30 m^3/s.

- Shakespeare Grove Open Drain - Chapel Street to Confluence with St Kilda Town Hall Drain. We have assumed that this section of drain is not operating at capacity of about 5.0 m^3/s due to pit inlet restrictions and contributing Council drain capacities. The fence at Chapel Street would restrict overland flow entering the drain. The original Shakespeare Grove Drain along Chapel Street is not connected to the 1 725 mm dia concrete drain along Inkerman Street.
- Outlet to Port Phillip Bay. Overland flow along Shakespeare Grove is diverted away from the underground drain route at Spencer Street/Chaucer Street. The overland flow is attenuated in the Spencer Street and Marine Parade special storages and eventually discharged into the northern end of the St Kilda marina. The foreshore landscaping between Blessington Street and Shakespeare Grove forms a barrier for overland flow to the bay.
- Shakespeare Grove Drain Impact on Transport Routes. Major flooding in the Shakespeare Grove Drain catchment will have a significant effect on transport routes such as:
  - Marine Parade
  - Barkly Street
  - St Kilda Road/Nepean Highway
  - Chapel Street
  - Inkerman Street
  - Carlisle Street.

  A major storm event over the Shakespeare Grove/Cowdery Street Drain area would effectively cut off all major road links between Melbourne and the southern suburbs.

3.9.6 RORB Model Parameters

• Initial Losses (mm)	15
• Runoff Coefficient	0.6
• Kc	5.1
• m	0.8

3.9.7 RORB Design Flow Estimates

Model ID	Location	RORB Total Flow Estimate (m^3/s)			Special Storages (if applicable)			Comments
		20 year	50 year	100 year	Inflow	Outflow	Level	
E2	Intersection of Wenden Grove and Orrong Road	11.6	14.0	16.3				
E3	Intersection of Inkerman and Kalymna Grove	9.3	10.8	12.5				
E4	Intersection of Inkerman Street and Hotham Street	14.0	16.3	18.7				
E5	Inkerman Street at Railway Line	19.6	23.5	27.0				
E6	Inkerman Street at Chapel Street	21.3	26.3	30.4				
E7	Inkerman Street Between Henryville and Marriott Streets	10.7	13.4	15.9				
E8	Inkerman Street Mid-Way Between St Kilda Road and Barkly Street	10.7	13.6	16.2				
E9.2	Intersection of Chapel and Nightingale Streets	12.6	15.2	18.0				
					20.0, 25.1, 29.5	12.3, 16.3, 20.1	5.60, 5.65, 5.70	Chapel Street Retarding Basin
E9.1	St Kilda Road Mid-Way Between Pakington and Martin Streets	13.0	17.3	20.8				
E9	Barkly Street Between Blanche and Vale Streets	23.4	30.2	35.9	23.4, 30.2, 35.9	21.1, 24.4, 32.9		Barkly Street Retarding Basin
E10	Acland Street Between Carlisle and Irwell Streets	23.0	25.2	33.9	23.0, 25.2. 33.9	21.1, 24.4, 30.5	3.3, 3.5, 3.7	Acland Street Retarding Basin
E11	Intersection of Shakespeare Grove and Marine Parade	21.5	24.4	30.4				
					0.46, 3.4, 9.4	0.04, 0.75, 5.6	1.7, 2.25, 2.50	Spencer Street Retarding Basin
					N/A, 0.7, 6.6	N/A, 0.1, 2.8	N/A, 1.35, 1.6	Marine Parade Retarding Basin

3.9.8 Hydraulic Section Locations and Flood Levels (HEC-RAS Model)

Section	Location	Overland Flow Esimate (m3/s)			Flood Level (m AHD)			Invert Suface Level	Flow Depth (m)	Channel Velocity (m/s)	Velocity Depth Product
No.		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr	(typical)	100 yr	100 yr	100 yr
1	Orrong Rd / Wenden Gv	8.0	9.7	11.3	28.9	28.94	29.0	28.4	0.6	2.0	1.1
2a	Montague St / Wenden Gv	8.0	9.7	11.3	25.6	25.6	25.6	25.0	0.6	0.7	1.2
2b	6 Wenden Gv	8.0	9.7	11.3	25.5	25.5	25.5	24.5	1.0	3.8	5.7
2c	Marne St	8.0	9.7	11.3	24.4	24.4	24.4	23.4	1.0	3.8	5.6
36	Marne St	3.6	4.3	5.3	23.6	23.65	23.7	23.1	0.6	0.8	0.5
37	Marne St	3.6	4.3	5.3	23.4	23.46	23.5	23.1	0.4	1.5	0.6
37b	Inkerman St	3.6	4.3	5.3	23.4	23.45	23.5	23.0	0.5	1.3	0.7
3a	Inkerman St	3.6	4.3	5.3	22.2	22.19	22.2	21.9	0.4	1.4	0.5
4a	Inkerman St	3.6	4.3	5.3	21.0	21	21.1	20.7	0.3	1.5	0.5
36	Overland	4.4	5.4	6.0	23.5	23.56	23.6	22.9	0.7	1.3	0.9
3a	Overland	4.4	5.4	6.0	22.8	22.83	22.9	22.3	0.5	1.9	1.0
4a	Overland	4.4	5.4	6.0	21.0	21.03	21.1	20.7	0.4	1.5	0.6
5	Inkerman 1	4.4	5.4	6.0	19.6	19.59	19.6	19.2	0.4	1.5	0.6
6	Inkerman 1	4.4	5.4	6.0	18.0	18.06	18.1	17.7	0.4	1.5	0.6
7	Inkerman 1	4.5	6	8.0	17.3	17.33	17.4	16.9	0.4	1.7	0.8
8	Inkerman 1	4.7	7	9.4	15.5	15.51	15.6	15.2	0.4	1.8	0.6
8	Inkerman 2	3.8	5.6	7.5	15.4	15.48	15.5	15.2	0.3	1.6	0.5
9	Inkerman 2	3.8	5.6	7.5	14.5	14.55	14.6	14.2	0.4	1.6	0.7
10	Inkerman 2	2.4	3.6	4.8	13.3	13.35	13.4	13.0	0.4	1.4	0.5
11	Inkerman 2	2.4	3.6	4.8	11.9	11.93	12.0	11.6	0.3	1.4	0.4
12	Inkerman 2	2.4	3.6	4.8	10.8	10.81	10.8	10.6	0.3	1.4	0.4
12	Inkerman 3	2.1	3.3	4.4	10.8	10.8	10.8	10.6	0.3	1.4	0.4
13	Inkerman 3	1.3	2.1	2.8	9.6	9.66	9.7	9.3	0.4	1.3	0.5
14	Inkerman 3	1.3	2.1	2.8	9.2	9.23	9.3	8.9	0.4	1.3	0.5
35	Westbury	2.1	3.3	4.4	10.6	10.67	10.7	10.4	0.4	1.3	0.5
34	Westbury	2.1	3.3	4.4	9.4	9.4	9.4	9.1	0.3	1.3	0.4
33	Westbury	2.1	3.3	4.4	8.6	8.69	8.8	8.2	0.5	0.6	0.3
35	Hotham/Carl	0.9	1.4	1.9	15.2	15.25	15.3	15.0	0.3	1.2	0.4
34	Hotham/Carl	0.9	1.4	1.9	14.0	14.02	14.1	13.8	0.3	1.3	0.4
33	Hotham/Carl	0.9	1.4	1.9	13.0	13.08	13.1	12.7	0.4	0.6	0.2
8	Hotham/Carl	2.0	3	3.9	12.9	12.97	13.0	12.8	0.2	1.4	0.3
9	Hotham/Carl	2.0	3	3.9	12.0	12.04	12.1	11.8	0.3	1.4	0.4
10	Hotham/Carl	2.0	3	3.9	10.9	10.95	11.0	10.7	0.2	1.2	0.3
11	Hotham/Carl	2.0	3	3.9	9.5	9.55	9.6	9.4	0.2	1.4	0.3
12	Hotham/Carl	2.0	3	3.9	8.6	8.7	8.8	8.3	0.5	0.6	0.3
12	Carlisle	4.2	6.4	8.3	8.6	8.7	8.8	8.3	0.5	1.2	0.6
13	Carlisle	4.5	6.9	9.0	7.5	7.6	7.7	7.3	0.4	1.8	0.7
14	Carlisle	4.5	6.9	9.0	6.9	6.99	7.0	6.6	0.4	1.7	0.7
14	Nightingale	8.6	11.0	13.2	6.8	6.9	6.9	6.2	0.8	2.5	1.9
15	Nightingale	8.6	11.0	13.2	6.2	6.3	6.3	5.6	0.8	0.9	0.7
16	Nightingale	8.6	11.0	13.2	5.9	5.9	5.9	5.5	0.4	1.9	0.8
14	Inkerman 1	1.7	2.7	3.5	9.2	9.3	9.3	8.9	0.4	1.4	0.5
15	Inkerman 1	1.7	2.7	3.5	8.2	8.2	8.2	8.0	0.3	1.3	0.4
16	Inkerman 1	1.7	2.7	3.5	6.6	6.7	6.7	6.3	0.4	1.1	0.5
32	Chapel 2	1.2	1.9	2.5	5.8	5.8	5.8	5.6	0.2	1.2	0.2
33	Chapel 2	1.2	1.9	2.5	5.8	5.9	6.0	5.5	0.5	0.3	0.1
14	Carlisle 1	4.7	7.2	9.5	7.0	7.1	7.2	6.6	0.6	1.2	0.7
15	Carlisle 1	4.7	7.2	9.5	6.3	6.3	6.3	5.9	0.4	1.2	0.5
16	Carlisle 1	4.7	7.2	9.5	5.7	5.8	5.8	5.4	0.5	1.1	0.5
33	Chapel 3	2.2	3.5	5.0	5.7	5.8	5.8	5.5	0.3	0.8	0.3
34	Chapel 3	2.2	3.5	5.0	5.6	5.7	5.7	5.3	0.4	0.8	0.3

Section	Location	Overland Flow Esimate (m3/s)			Flood Level (m AHD)			Invert Suface Level	Flow Depth (m)	Channel Velocity (m/s)	Velocity Depth Product
No.		20 yr	50 yr	100 yr	20 yr	50 yr	100 yr	(typical)	100 yr	100 yr	100 yr
16	Duke	2.2	3.5	5.0	5.6	5.6	5.7	5.5	0.2	1.4	0.3
17	Duke	2.2	3.5	5.0	5.2	5.2	5.2	5.0	0.2	1.4	0.3
18	Duke	2.2	3.5	5.0	5.1	5.2	5.2	4.2	1.0	0.3	0.3
19	Duke	2.2	3.5	5.0	5.1	5.1	5.1	4.1	1.2	0.3	0.3
20	Duke	2.2	3.5	5.0	5.0	5.1	5.1	4.9	0.3	1.2	0.3
16	Carlisle 2	3.8	6.0	7.0	5.7	5.7	5.8	5.4	0.3	1.3	0.4
17	Carlisle 2	3.8	6.0	7.0	5.5	5.6	5.7	5.1	0.5	0.9	0.5
18	Carlisle 2	3.8	6.0	7.0	5.5	5.6	5.6	4.9	0.7	0.6	0.4
19	Carlisle 2	3.8	6.0	7.0	5.4	5.5	5.5	4.9	0.6	0.8	0.5
16	Pakington	1.4	2.2	3.0	5.4	5.5	5.6	5.3	0.3	1.3	0.3
17	Pakington	1.4	2.2	3.0	5.3	5.3	5.4	5.0	0.4	0.5	0.2
18	Pakington	1.4	2.2	3.0	5.2	5.3	5.3	4.6	0.7	0.3	0.2
19	Pakington	1.4	2.2	3.0	5.3	5.3	5.2	4.4	0.8	0.3	0.3
20	Pakington	1.4	2.2	3.0	5.0	5.1	5.1	5.0	0.1	1.3	0.2
16	Inkerman 2	1.3	2.1	2.8	6.6	6.7	6.7	6.3	0.4	0.9	0.4
17	Inkerman 2	1.3	2.1	2.8	6.4	6.4	6.5	6.0	0.5	1.1	0.5
18	Inkerman 2	1.3	2.1	2.8	6.1	6.2	6.2	5.7	0.6	0.7	0.4
19	Inkerman 2	1.3	2.1	2.8	5.9	5.9	5.9	5.5	0.5	1.3	0.6
20	Inkerman 2	1.3	2.1	2.8	5.5	5.5	5.5	4.9	0.6	0.1	0.0
20	Blanch/Vale	2.4	9.2	14.9	4.9	5.0	5.0	4.7	0.3	0.6	0.2
21a	Blanch/Vale	2.4	9.2	14.9	4.8	4.9	5.0	4.7	0.3	0.7	0.2
22	Blanch/Vale	2.4	9.2	14.9	4.5	4.5	4.6	4.5	0.2	1.6	0.3
23	Blanch/Vale	2.4	9.2	14.9	4.1	4.4	4.5	3.6	0.9	0.4	0.4
24	Barkly St	1.0	3.4	11.9	4.0	4.1	4.4	3.9	0.5	1.7	0.8
24	Barkly St	2.0	4.2	12.9	4.0	4.1	4.3	3.9	0.4	0.6	0.3
25	15 Albert St	2.0	4.2	12.9	3.7	3.8	4.1	3.2	0.9	1.5	1.4
26	Carlisle St	2.0	4.2	12.9	3.7	3.9	4.0	3.3	0.7	1.2	0.9
27	Acland St	0.5	3.4	9.4	3.5	3.7	3.7	3.4	0.3	0.9	0.3
27a	Acland St	0.5	3.4	9.4	3.4	3.5	3.5	3.4	0.3	1.8	0.5
28	Shakespeare Grove / Chaucer St	0.5	3.4	9.4	2.9	3.0	3.1	2.8	0.4	1.5	0.6
29	Spencer St / Shakespeare Grove	0.5	3.4	9.4	2.5	2.5	2.6	2.1	0.5	1.7	0.8
30	Spencer St	0.5	3.4	9.4	2.5	2.5	2.5	1.3	1.2	0.6	0.6
31	Spencer St /Blessington St	0.5	3.4	9.4	2.5	2.5	2.5	1.4	1.1	0.6	0.6

THESE LEVELS HAVE BEEN UPDATED ?

3.9.9 Survey of Floor Levels

Flood Risk Category	Description	Number of Floor Levels
4	Flood risk ≤ 20 year ARI	335
3	20 year ARI ≤ flood risk ≤ 50 year ARI	99
2	50 year ARI ≤ flood risk ≤ 100 year ARI	143
1	100 year ARI inundates property	458
0	Outside Risk Category 1 to 4	>30

Number of floor levels surveyed was 808.

3.9.10 Flood Safety

Flood Safety Category	Description	Number of Properties
1. Low Risk	Velocity x Depth ≤ 0.4	1 162
2. Medium Risk	0.4 < Velocity x Depth ≤ 0.8	248
3. High Risk	0.8 < Velocity x Depth	136

3.9.11 Flood Protection Options

Flood protection options have been considered for the following locations:

- Along the Shakespeare Grove Drain between Marine Parade and Chapel Street.
- Along the St Kilda Road Drain between Nepean Highway and Chapel Street.
- Along Carlisle Street between Nepean Highway and Orange Grove.
- Along Inkerman Road between Chapel Street and Marne Street.

The existing Shakespeare Grove Main Drain between Port Phillip Bay and Barkly Street is a 5 m wide and 2.7 m deep culvert. At this stage there is considered insufficient room to upgrade or duplicate the drain along its current alignment, particularly across Acland Street and along Albert Street.

The existing Shakespeare Grove Main Drains along Inkerman Street between Greeves Street and Hotham Street have the 750 mm diameter WAG gas pipeline and 900 mm diameter water-main running parallel to the drains. There is minimal room along the roadway to construct a supplementary drain.

Carlisle Street has many commercial businesses and the trams which represent a significant constraint for the construction of large diameter drains.

It is therefore proposed that the supplementary drain to the Shakespeare Grove Main Drain be constructed along the following route:

Drain Location	Design Flow (m^3/s)	Length (m)	Preliminary Diameter (mm)	Indicative Cost Estimate $M
• Across the foreshore to the north of the St Kilda marina	25+	150	3 000	0.45
• Along Blessington Street	25+	1 000	3 000	3.5
• Along Nepean Highway/Dickens/ Nightingale Streets	30	800	3 000	2.4
• Along The Avenue	20	450	2 100	1.0
• Along Hotham Street to Inkerman Street	20	600	2 400	1.5
• Along Inkerman Street to Marne Street	16	650	2 100	1.4
• Replacement drain between Marne Street to Orrong Road along Wenden Grove	16	200	2 400	0.5
	Total	3 850 m		$10.75
		Contingency 25%		$2.25
				$13 M

+ 5 m^3/s flow into St Kilda Town Hall Drain.

3.10 Albert Park Lake

Albert Park Lake is an important flood protection asset for the Hanna Street Main Drain, Cowderoy Street Main Drain and Union Street Main Drain catchments. Some relevant comments on the lake are as follows:

- The surface area of the lake is estimated to be 450 000 m^2. The normal water level is RL 2.7 m.
- The lake discharges into the Cowderoy Street Main Drain at the southern end over a weir and connecting drain with a capacity of 1.0 m^3/s.
- The existing drains discharging into the lake are estimated to contribute a stormwater volume of 50 000 m^3 in a 2 hour duration 100 year ARI event causing the water level to rise by approximately 0.15 m.
- Some of the preliminary flood protection works described for the Hanna Street, Cowderoy Street and Union Street drains involve increasing the volume of stormwater discharging into the lake.

Melbourne Water needs to have some flood protection planning and operation input into the development and use of Albert Park Lake with the area now being managed by Parks Victoria.

4.0 Summary and Conclusions

This Drainage Survey of the Melbourne Water Main Drains in the City of Port Phillip has resulted in the following outcomes:

- The Johnson Street and Ferrars Street Main Drains can cater for 100 year ARI flows without adversely affecting properties due to flat topography of the catchments and the capacity of the upstream Council drains.

- The McGregor Street Drain (Council Drain) can cater for 100 year ARI flows with some flooding of properties, but with the property floor levels being above the estimated 100 year ARI flood level.

- The 100 year ARI flow along the Gittus Street and Gittus Street Diversion drain results in some properties being inundated.

- The 100 year ARI flow along the Rosny Street Drain results in some properties and floor levels being inundated. The area is extremely flat and significant ponding occurs along the Drain. Some overland flow is transferred to adjoining areas due to the topography of the area.

- The 100 year ARI flow along the Cruickshank Street, Esplanade West, Richardson Street and Princes Street Main Drains results in many properties and some floor levels being inundated. This area is typically a series of local depressions up to 1 km inland from Port Phillip Bay.

- The 100 year ARI flow along the Hanna Street Main Drain results in many properties and floor levels being inundated. Albert Park Lake is an important flood protection asset in this catchment.

- The 100 year ARI flow along the Cowderoy Street and Union Street Main Drains results in many properties and some floor levels being inundated. Albert Park Lake is an important flood protection asset in this catchment.

- The 100 year ARI flow along the Shakespeare Grove and St Kilda Town Hall Main Drains results in many properties and floor levels being inundated. The catchment is typically a series of shallow depressions between Port Phillip Bay and Chapel Street. The road network between Chapel Street and Hotham Street results in overland flows being diverted and split at many road intersections.

- A summary of property and flood safety risk and the preliminary estimated cost (±25% to 35%) to cater for 100 year ARI flows is shown in Table 4.1. The estimated flood protection cost per flood affected property is also included in Table 4.1.

- Table 4.1 shows that the Shakespeare Grove/St Kilda Town Hall and Hanna Street Main Drains have the greatest number of floor levels estimated to be inundated in a 100 year ARI storm event. These drains also have the highest number of properties with a medium to high floodway safety risk.

- The preliminary estimated cost to provide 100 year ARI flood protection to floor levels for the drains included the study area is about $43 million.

- A 100 year ARI event in the study area would result in a number of arterial roads being flooded, which would effectively stop transport movement along Princes Highway East (underpass), Queens Road, Kings Way, St Kilda Road, Punt Road, Nepean Highway, Barkly Street and Marine Parade.

- Melbourne Water should consult with the Emergency Services and develop appropriate emergency plans due to the possible extent of flooding involved in the area.

GUTTERIDGE HASKINS & DAVEY PTY LTD

Steven Young ..... 30/9/97 .....

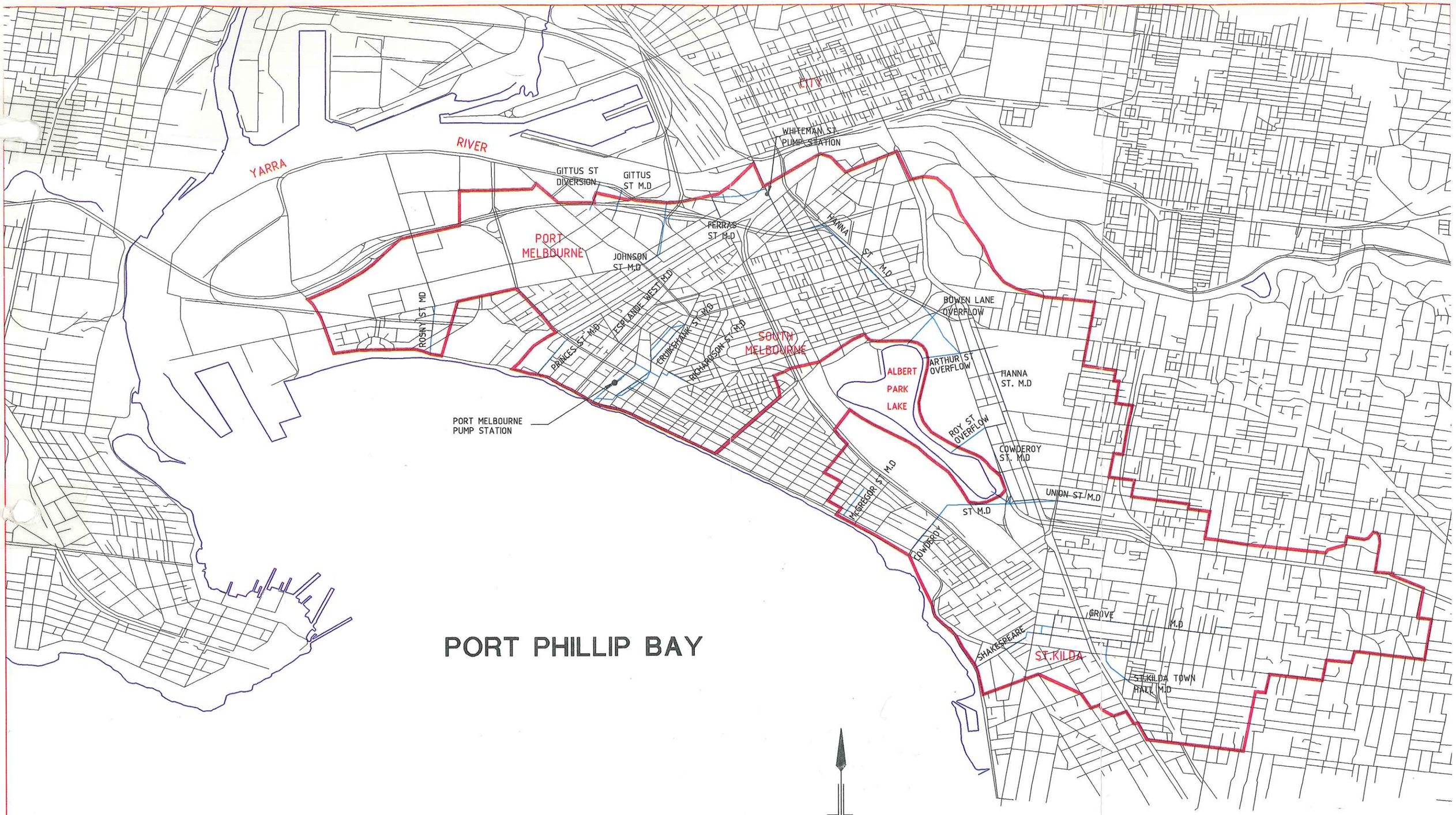
Steven Young
Senior Civil Engineer

Date

Table 4.1 : Summary of Property Flood Risk and Floodway Safety Risk

Risk Category	Property Flood Risk Description	Main Drain									Total
		Gittus St & Gittus St Diversion	Johnson St	Ferrars St	Hanna St	Rosny St	Princes St, Esplanade West, Richardson St, Cruikshank St	McGregor St	Cowdery St/ Union St	Shakespeare Grove/ St Kilda Town Hall	
4	Flood risk ≤20 year ARI event	0	0	0	32	0	8	0	20	335	395
3	20 year ARI ≤ flood risk ≤50 year ARI event	0	0	0	23	0	8	0	6	99	136
2	50 year ARI ≤ flood risk ≤100 year ARI event	0	0	0	16	5	9	0	10	143	183
1	100 year ARI event inundates property	4	0	0	181	249	590	124	255	458	1 861
0	Outside Category 1 to 4	4	0		>67	0	>305	9	>114	>30	>528
(Total Category 4, 3 and 2)	Flood risk ≤100 year ARI event	0	0	0	71	5	25	0	36	577	714
Indicative Cost Estimate to Cater for 100 year ARI Flows		$0.7 M	N/A	N/A	$15 M	$2.1 M	$10.5 M	N/A	$1.8 M	$13 M	$43.1 M
Indicative Flood Protection Cost/ Affected Property Floor Level	N/A	N/A	N/A	N/A	N/A	$210 000/ affected floor level	$420 000/ affected floor level	$420 000/ affected floor level	N/A	$50 000/ affected floor level	$23 000/ affected floor level	

Risk Category	Floodway Safety Description										
3 High Risk	0.8 < Velocity * Depth	0	0	0	0	5	0	0	14	136	155
2 Medium Risk	0.4 < Velocity * Depth ≤0.8	0	0	0	15	9	0	0	52	248	324
1 Low Risk	Velocity * Depth ≤0.4	8	0	0	296	239	900	132	328	1 162	3 065



NOT TO SCALE

FIGURE 1

STUDY AREA
MELBOURNE WATER

REPORT ON CITY OF PORT PHILLIP
MAIN DRAIN
CATCHMENT FLOOD MAPPING
SEPTEMBER 1997

Appendix A

Table of RORB Model Input Files

Appendix A - Table of RORB Model Input Files

Main Drain Catchment	Calibration File	Design File	Flood Protection File
Gittus Street	Gitt-cal.cat	Gitt-des.cat	N/A
Gittus Street Diversion	Gdiv-cal.cat	Gdiv-des.cat	N/A
Ferrars Street	N/A	N/A	N/A
Rosny Street	Rosn-cal.cat	Rosn-des.cat	Rosn-ds2.cat
Cruikshank/Richardson/ Esplanade West and Princes	Crpr-cal.cat	Crpr-sen-cat Crpr-des.cat	Crpr-fdo.cat
Hanna Street	Han-cal.cat	Han-des2.cat	Han-des3.cat
McGregor Street	Gregor.cat	Greg-des.cat	N/A
Shakespeare Grove/ St Kilda Town Hall	Shakesp.cat	Sha-des2.cat	Sha-des3.cat
Cowderoy/Union	Cowderoy.cat	Cow-des.cat	N/A
Johnson Street	John-cal.cat	John-des.cat	N/A

Gitt-cal.cat
Gittus St Main Drain
C Created at 09:44 on 14/01/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain Mapping
C Lower catchment boundary is Lorimer St
C Calibration File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.28, 0.36 ,-99 ,Sub-area G1
2,3, 0.35, 0.15 ,-99 ,Sub-area G2
2,3, 0.17, 0.15 ,-99 ,Sub-area G4
3 ,Store the current hydrograph
1,3, 0.34, 0.15 ,-99 ,Sub-area G3
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.17, 0.15 ,-99 ,Sub-area G5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1 Gittus St u/s Fwy
5,3, 0.20, 0.15 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.19, 0.15,-99 ,Sub-area G6
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.15, 0.15 ,-99 ,Sub-area G7
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2 Gittus St @ Lorimer St
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
0.05, 0.05, 0.05, 0.06, 0.03, 0.05, 0.04
-99 , 7 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80, 0.80, 0.80, 0.80, 0.80, 0.80, 0.80
-99 ,End of fractions imperviousness

Gitt-des.cat
Gittus St Main Drain
C Created at 09:44 on 14/01/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain Mapping
C Lower catchment boundary is Lorimer St
C Design file - RB u/s Freeway
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.28, 0.36 ,-99 ,Sub-area G1
2,3, 0.35, 0.15 ,-99 ,Sub-area G2
2,3, 0.17, 0.15 ,-99 ,Sub-area G4
3 ,Store the current hydrograph
1,3, 0.34, 0.15 ,-99 ,Sub-area G3
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.17, 0.15 ,-99 ,Sub-area G5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1 Gittus St u/s Fwy
C
C RB u/s Freeway
C outlets @ Gittus St Drain (1.7 m3/s) and White St (0.5 m3/s)
C
16
Gittus St Drain RB
1,0,11
0,0,0.1,0.5,5,2.0,20,2.1,110,2.11,360,2.15,930,2.17,
2050,2.2,4020,2.25,7200,2.26,11900,20,-99
1,11
0.6,0,0.7,0.1,0.8,5,0.9,20,1.0,110,1.1,360,1.2,930,
1.3,2050,1.4,4020,1.5,7200,1.6,11900,-99
C
5,3, 0.20, 0.15 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.19, 0.15,-99 ,Sub-area G6
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.15, 0.15 ,-99 ,Sub-area G7
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2 Gittus St @ Lorimer St
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
0.05, 0.05, 0.05, 0.06, 0.03, 0.05, 0.04
-99 , 7 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80, 0.80, 0.80, 0.80, 0.80, 0.80, 0.80
-99 ,End of fractions imperviousness

Gdiv-cal.cat

```
Gittus St Diversion Main Drain
C Created at 09:44 on 14/01/97
C  for: Gutteridge Haskins & Davey, Melbourne.  18/1/1991
C Port Phillip Flood Plain Mapping
C Lower catchment boundary is Lorimer St
C Calibration File
C Reach Type Flag
0                       ,More than one reach type
C The Control Vector
 1,3,  0.25,  0.60 ,-99         ,Sub-area GM1
3                       ,Store the current hydrograph
 1,3,  0.52,  0.30 ,-99         ,Sub-area GM2
 4                      ,Add in the last stored h'graph
 2,3,  0.25,  0.20 ,-99         ,Sub-area GM3
3                       ,Store the current hydrograph
 1,3,  0.43,  0.23 ,-99         ,Sub-area GM4
 2,3,  0.08,  0.20 ,-99         ,Sub-area GM5
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1 Gittus St Div u/s Fwy
 5,3,  0.22,  0.20 ,-99         ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.10,  0.20 ,-99         ,Sub-area GM6
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E2 Gittus St Div @ Lorimer St
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
   0.08
   0.09,   0.07,   0.12,   0.02
   0.02 ,-99                , 6 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.80
   0.80,   0.80,   0.80,   0.80
   0.80 ,-99                ,End of fractions imperviousness
```

Gdiv-des.cat
Gittus St Diversion Main Drain
C Created at 09:44 on 14/01/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain Mapping
C Lower catchment boundary is Lorimer St
C design file - RB upstream of Lorimer St
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.25, 0.60 ,-99 ,Sub-area GM1
3 ,Store the current hydrograph
1,3, 0.52, 0.30 ,-99 ,Sub-area GM2
4 ,Add in the last stored h'graph
2,3, 0.25, 0.20 ,-99 ,Sub-area GM3
3 ,Store the current hydrograph
1,3, 0.43, 0.23 ,-99 ,Sub-area GM4
2,3, 0.08, 0.20 ,-99 ,Sub-area GM5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1 Gittus St Div u/s Fwy
5,3, 0.22, 0.20 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.10, 0.20 ,-99 ,Sub-area GM6
4 ,Add in the last stored h'graph
C
C RB upstream of Lorimer St
C outflow capacity 2.2 m3/s
C
16
Gittus St Diversion
1,0,11
0,0,1,2.1,30,2.11,170,2.12,550,2.15,1350,2.2,
2880,2.21,5570,2.22,9480,2.23,14450,2.24,20480,20,-99
1,11
0.7,0,0.8,1,0.9,30,1.0,170,1.1,550,1.2,1350,
1.3,2880,1.4,5570,1.5,9480,1.6,14450,1.7,20480,-99
C
7 ,7 Print calculated h'graph
E2 Gittus St Div @ Lorimer St
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
0.08
0.09, 0.07, 0.12, 0.02
0.02 ,-99 , 6 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80
0.80, 0.80, 0.80, 0.80
0.80 ,-99 ,End of fractions imperviousness

Rosn-cal.cat

```
Rosny St Main Drain
C Created at 15:02 on 11/04/97
C  for: Gutteridge Haskins & Davey, Melbourne.  18/1/1991
C Port Phillip Flood Plain Mapping
C Calibration File
C Reach Type Flag
0                       ,More than one reach type
C The Control Vector
 1,3,  0.45,  0.20 ,-99          ,Sub-area R1
3                       ,Store the current hydrograph
 1,3,  0.30,  0.20 ,-99          ,Sub-area R2
3                       ,Store the current hydrograph
 1,3,  0.55,  0.30 ,-99          ,Sub-area R3
3                       ,Store the current hydrograph
 1,3,  0.45,  0.30 ,-99          ,Sub-area R4
 4                      ,Add in the last stored h'graph
 4                      ,Add in the last stored h'graph
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1
 5,3,  0.25,  0.30 ,-99          ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.45,  0.20 ,-99          ,Sub-area R5
3                       ,Store the current hydrograph
 1,3,  0.35,  0.20 ,-99          ,Sub-area R6
 4                      ,Add in the last stored h'graph
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E2
 5,3,  0.18,  0.20 ,-99          ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.20,  0.20 ,-99          ,Sub-area R7
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E3
 5,3,  0.28,  0.20 ,-99          ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.35,  0.20 ,-99          ,Sub-area R8
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E4
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.11,  0.11,  0.17,  0.20,  0.17,  0.12,  0.08
   0.20 ,-99                , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.80,  0.80,  0.80,  0.80,  0.25,  0.80,  0.50
   0.50 ,-99                ,End of fractions imperviousness
```

Rosn-des.cat
Rosney St Main Drain
C Created at 16:22 on 11/04/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain Mapping
C Design File
C Reach Type Flag
3 ,All reaches lined
C The Control Vector
1, 0.25, 0.20 ,-99 ,Sub-area R1
3 ,Store the current hydrograph
1, 0.30, 0.20 ,-99 ,Sub-area R2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
Top end of Smith St
5, 0.10, 0.20, -99 ,normal (reach) storage
2, 0.35, 0.20 ,-99 ,Sub-area R6
3 ,Store the current hydrograph
1, 0.45, 0.20 ,-99 ,Sub-area R5
3 ,Store the current hydrograph
1, 0.55, 0.30 ,-99 ,Sub-area R3
3 ,Store the current hydrograph
2, 0.45, 0.30 ,-99 ,Sub-area R4
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1
5, 0.25, 0.30 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2
5, 0.17, 0.20 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1, 0.20, 0.20 ,-99 ,Sub-area R7
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3
5, 0.28, 0.20 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1, 0.35, 0.20 ,-99 ,Sub-area R8
4 ,Add in the last stored h'graph
16 ,Existing special storage
E4 R.B. behind sea wall
3, 1.70 , 2 ,-99 ,Weir formula ;drawdown(m);no. spillways
2.2000, 1100.0000
2.5000, 15000.0000
2.75 ,-99 ,Kw; End of weir data
C Elevation (H) - Storage (S) data for this special storage
1, 6 ,-99 ,H - S relation: table;no. pairs in table
1.7000, 0.000
1.8000, 150.
2.0000, 1.150E+03
2.2000, 4.150E+03
2.4000, 1.355E+04
2.5400, 2.5733E+04 ,-99 ,Last pair of Elevation - Storage table
0 ,0 Finished ,0 Finished
C Sub-area Data

Rosn-des.cat
C
C Areas, km**2, of sub-areas A,B...
0.11, 0.12, 0.12, 0.17, 0.17, 0.20, 0.08
0.20 ,-99 , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80, 0.80, 0.80, 0.20, 0.80, 0.80, 0.50
0.50 ,-99 ,End of fractions imperviousness

Rosn-ds2.cat
Rosney St Main Drain
C Created at 16:22 on 11/04/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain Mapping And Flood Protection Options
C Reach Type Flag
3 ,All reaches lined
C The Control Vector
1, 0.25, 0.20 ,-99 ,Sub-area R1
3 ,Store the current hydrograph
1, 0.30, 0.20 ,-99 ,Sub-area R2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
Top end of Smith St
5, 0.10, 0.20, -99 ,normal (reach) storage
2, 0.35, 0.20 ,-99 ,Sub-area R6
3 ,Store the current hydrograph
1, 0.45, 0.20 ,-99 ,Sub-area R5
3 ,Store the current hydrograph
1, 0.55, 0.30 ,-99 ,Sub-area R3
3 ,Store the current hydrograph
2, 0.45, 0.30 ,-99 ,Sub-area R4
4 ,Add in the last stored h'graph
19,3,0,0,40
Pipe flow to bay
3
0,0,2.7,2.7,20,2.7,-99
7 ,7 Print calculated h'graph
E1 Plummer / Salmon surface flow
5, 0.25, 0.30 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
4 ,Add in the last stored h'graph
19,3,0,0,4
New Pipe flow to bay
3
0,0,7,7,20,7,-99
C
19,3,0,0,10
Williamstown Road loss
3
0,0,9.2,2,20,5,-99
7 ,7 Print calculated h'graph
E2 williamstown / Salmon surface flow
5, 0.17, 0.20 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1, 0.20, 0.20 ,-99 ,Sub-area R7
4 ,Add in the last stored h'graph
19,3,0,0,20
Howe St loss
3
0,0,8,1,20,5,-99
7 ,7 Print calculated h'graph
E3 Howe St surface flow
5, 0.28, 0.20 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1, 0.35, 0.20 ,-99 ,Sub-area R8
4 ,Add in the last stored h'graph
19,3,0,0,30
Dunstan Street loss
3
0,0,8,1,20,5,-99
16 ,Existing special storage
E4 R.B. behind sea wall

Rosn-ds2.cat

```
3,  1.70   , 2 ,-99              ,Weir formula ;drawdown(m);no. spillways
   2.4000, 10.0000
   2.500, 4000.0000
 2.75 ,-99                       ,Kw; End of weir data
C Elevation (H) - Storage (S) data for this special storage
1,  6 ,-99                       ,H - S relation: table;no. pairs in table
   1.7000,  0.000
   1.8000,  150.
   2.0000,  1.150E+03
   2.2000,  4.150E+03
   2.4000,  1.355E+04
   2.5400,  2.5733E+04 ,-99      ,Last pair of Elevation - Storage table
0                          ,0  Finished                          ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.11,   0.12,   0.12,   0.17,   0.17,   0.20,   0.08
   0.20 ,-99                     , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.80,   0.80,   0.80,   0.20,   0.80,   0.80,   0.50
   0.50 ,-99                     ,End of fractions imperviousness
```

Crpr-cal.cat
Cruikshank/Richardson/Esplanade West + Princes
C Created at 09:43 on 02/12/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study
C Calibration File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
C
C
C Princes St catchment
C
C
1,3, 0.25, 0.2 ,-99 ,Sub-area 1.1
2,3, 0.25, 0.15 ,-99 ,Sub-area 1.2
3 ,Store the current hydrograph
1,3, 0.30, 0.2 ,-99 ,Sub-area 1.3
2,3, 0.40, 0.15 ,-99 ,Sub-area 1.4
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP1
5,3, 0.07, 0.15 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.20, 0.07 ,-99 ,Sub-area 2.0
2,3, 0.20, 0.07 ,-99 ,Sub-area 2.1
2,3, 0.15, 0.07 ,-99 ,Sub-area 2.2
3 ,Store the current hydrograph
1,3, 0.10, 0.07 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP2
5,3, 0.06, 0.11 ,-99 ,normal (reach) storage
5,3, 0.05, 0.16 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP0
5,3, 0.32, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.25, 0.2 ,-99 ,Sub-area 3.0
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP3
5,3, 0.17, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.07, 0.2 ,-99 ,Sub-area 4.0
4 ,Add in the last stored h'graph
5,3,0.17,0.1,-99
7 ,7 Print calculated h'graph
EP4
5,3, 0.11, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.01, 0.2 ,-99 ,Sub-area 5.0
4 ,Add in the last stored h'graph
5,3,0.11,0.1,-99
7 ,7 Print calculated h'graph

EP5 - Princes Total
3 ,Store the current hydrograph
C
C
C Cruikshank Street catchment
C
C
1,3, 0.20,1.5 ,-99 ,Sub-area 2.0
2,3, 0.15,1.0 ,-99 ,Sub-area 2.1
2,3, 0.35,0.7 ,-99 ,Sub-area 2.2
3
1,3, 0.25,0.2 ,-99 ,Sub-area 2.3
4
7 ,7 Print calculated h'graph
E2.1
5,3, 0.10, 0.2 ,-99 ,normal (reach) storage
5,3,0.05,0.2,-99
2,3, 0.20, 0.2 ,-99 ,Sub-area 2.4
7 ,7 Print calculated h'graph
E2.2
5,3, 0.25, 0.2 ,-99 ,normal (reach) storage
2,3,0.15,0.2,-99 ,Sub-area 2.5
7 ,7 Print calculated h'graph
E2.3
5,3, 0.17, 0.2 ,-99 ,normal (reach) storage
2,3,0.07,0.2,-99 ,Sub-area 2.6
5,3, 0.05, 0.2 ,-99 ,normal (reach) storage
7 ,7 Print calculated h'graph
E2.4
5,3, 0.13, 0.2 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.30,0.2 ,-99 ,Sub-area 2.7
2,3, 0.21,0.2 ,-99 ,Sub-area 2.8
2,3, 0.03,0.2 ,-99 ,Sub-area 2.9
4 ,Add in the last stored h'graph
5,3,0.3,0.2,-99
7 ,7 Print calculated h'graph
E2.5
3 ,Store the current hydrograph
C
C
C Esplanade West/Richardson Street catchment
C
C
1,3, 0.35,0.07 ,-99 ,Sub-area 1.0
2,3, 0.20,0.07 ,-99 ,Sub-area 1.1
7 ,7 Print calculated h'graph
E1.1
5,3, 0.12, 0.29 ,-99 ,normal (reach) storage
2,3, 0.13, 0.29 ,-99 ,Sub-area 1.4
3 ,Store h'graph
1,3, 0.20,0.1 ,-99 ,Sub-area 1.2
3 ,Store the current hydrograph
1,3, 0.32,0.1 ,-99 ,Sub-area 1.3
4 ,Add in the last stored h'graph

Crpr-cal.cat
5,3,0.12,0.29,-99
4
7 ,7 Print calculated h'graph
E1.2
5,3, 0.17, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.13,0.22 ,-99 ,Sub-area 1.5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1.3
5,3, 0.04, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.65,0.5 ,-99 ,Sub-area 3.1
3 ,Store the current hydrograph
1,3, 0.45,0.25 ,-99 ,Sub-area 3.2
4
3
1,3, 0.20,0.25,-99 ,Sub-area 3.3
4 ,Add in the last stored h'graph
5,3,0.25,0.2,-99
3
1,3, 0.30,0.3 ,-99 ,Sub-area 3.4
3 ,Store the current hydrograph
1,3, 0.15,0.1 ,-99 ,Sub-area 3.5
4 ,Add in the last stored h'graph
4
7 ,7 Print calculated h'graph
E3.1
5,3, 0.20, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.35,0.1 ,-99 ,Sub-area 3.6
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3.2
5,3, 0.08, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.13,0.1 ,-99 ,Sub-area 3.7
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3.3
5,3, 0.31, 0.10 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1.4
5,3, 0.17, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.15,0.1 ,-99 ,Sub-area 1.6
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1.5
5,3, 0.30, 0.25 ,-99 ,normal (reach) storage
4
7 ,7 Print calculated h'graph
Outfall - Cruik+Rich
4

Crpr-cal.cat
7
Outfall - total
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
0.04, 0.10, 0.14, 0.20, 0.02, 0.02, 0.05, 0.03
0.08, 0.07, 0.05
0.02, 0.02, 0.13, 0.07, 0.08, 0.07, 0.03, 0.10
0.08, 0.09
0.08, 0.17, 0.03, 0.05, 0.10, 0.04, 0.10, 0.12
0.15, 0.12, 0.06, 0.15, 0.06, 0.06
-99 , 35 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80, 0.45, 0.80, 0.45, 0.30, 0.30, 0.30, 0.45
0.50, 0.50, 0.50
0.50, 0.50, 0.50, 0.50, 0.50, 0.50, 0.30, 0.50
0.50, 0.40
0.50, 0.55, 0.40, 0.70, 0.60, 0.35, 0.30, 0.50
0.60, 0.50, 0.50, 0.50, 0.15, 0.40
-99 ,End of fractions imperviousness

Crpr-des.cat
Cruikshank/Richardson/Esplanade West + Princes
C Created at 09:43 on 02/12/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study - design file
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
C
C
C Princes St catchment
C
C
1,3, 0.25, 0.2 ,-99 ,Sub-area 1.1
2,3, 0.25, 0.15 ,-99 ,Sub-area 1.2
3 ,Store the current hydrograph
1,3, 0.30, 0.2 ,-99 ,Sub-area 1.3
2,3, 0.40, 0.15 ,-99 ,Sub-area 1.4
4 ,Add in the last stored h'graph
C
C Evans St RB site (Qp=1.3m3/s)
C
16
Evans St RB
C
C dummy values above2.30m AHD
C volumes adjusted for exclusion east of Bridge Street
C
1,0,12
0,0,1,0.7,14,1.3,73,1.31,232,1.32,700,1.33
1820,1.34,4600,1.35,9913,1.36,18741,1.37
32067,1.38,50000,10.0,-99
1,12
1.3,0,1.4,1,1.5,14,1.6,73,1.7,232,1.8,700
1.9,1820,2.0,4600,2.1,9913,2.2,18741
2.3,32067,2.4,50000,-99
7 ,7 Print calculated h'graph
EP1
5,3, 0.07, 0.15 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.20, 0.07 ,-99 ,Sub-area 2.0
2,3, 0.20, 0.07 ,-99 ,Sub-area 2.1
2,3, 0.15, 0.07 ,-99 ,Sub-area 2.2
3 ,Store the current hydrograph
1,3, 0.10, 0.07 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP2
19,3,0,0,1
EP2 - Div to Farrell RB
3
0,0,0.65,0,20,19.35,-99
5,3, 0.06, 0.11 ,-99 ,normal (reach) storage
5,3, 0.05, 0.16 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP0

```
 5,3,  0.32,  0.1 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.25, 0.2 ,-99              ,Sub-area 3.0
 4                             ,Add in the last stored h'graph
7                              ,7  Print calculated h'graph
EP3
19,3,0,0,2
EP3 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,  0.17,  0.1 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.07, 0.2 ,-99              ,Sub-area 4.0
 4                             ,Add in the last stored h'graph
19,3,0,0,3
EP4 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.17,0.1,-99
7                              ,7  Print calculated h'graph
EP4
 5,3,  0.11,  0.1 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.01, 0.2 ,-99              ,Sub-area 5.0
 4                             ,Add in the last stored h'graph
19,3,0,0,4
EP5 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.11,0.1,-99
7                              ,7  Print calculated h'graph
EP5 - Princes Total
3                              ,Store the current hydrograph
C
C
C Cruikshank Street catchment
C
C
 1,3,  0.20,1.5 ,-99               ,Sub-area 2.0
 2,3,  0.15,1.0 ,-99               ,Sub-area 2.1
 2,3,  0.35,0.7 ,-99               ,Sub-area 2.2
3
 1,3,  0.25,0.2 ,-99               ,Sub-area 2.3
4
7                              ,7  Print calculated h'graph
E2.1
 5,3,  0.10,  0.2 ,-99          ,normal (reach) storage
5,3,0.05,0.2,-99
 2,3,  0.20,  0.2 ,-99          ,Sub-area 2.4
7                              ,7  Print calculated h'graph
E2.2
19,3,0,0,5
Cruik - Div to Spring RB
3
0,0,3.6,0,20,16.4,-99
 5,3,  0.25,  0.2 ,-99          ,normal (reach) storage
```

```
2,3,0.15,0.2,-99              ,Sub-area 2.5
7                             ,7  Print calculated h'graph
E2.3
 5,3,  0.17,  0.2 ,-99        ,normal (reach) storage
2,3,0.07,0.2,-99              ,Sub-area 2.6
 5,3,  0.05,  0.2 ,-99        ,normal (reach) storage
7                             ,7  Print calculated h'graph
E2.4
 5,3,  0.13,  0.2 ,-99        ,normal (reach) storage
3                             ,Store the current hydrograph
 1,3,  0.30,0.2 ,-99          ,Sub-area 2.7
 2,3,  0.21,0.2 ,-99          ,Sub-area 2.8
 2,3,  0.03,0.2 ,-99          ,Sub-area 2.9
 4                            ,Add in the last stored h'graph
5,3,0.3,0.2,-99
7                             ,7  Print calculated h'graph
E2.5
3                             ,Store the current hydrograph
C
C
C Esplanade West/Richardson Street catchment
C
C
 1,3,  0.35,0.07 ,-99         ,Sub-area 1.0
 2,3,  0.20,0.07 ,-99         ,Sub-area 1.1
3
C
C retrieve Cruikshank overflow
C
19,2,0,1,5,-99
4
C
C Spring St RB site (Qp=1.0m3/s)
C
16
Spring St RB
C
C dummy discharge value above 2.0 mAHD
C
1,0,18
0,0,1,0.5,9,1.0,29,1.01,78,1.02,211,1.03,550,1.04
1349,1.05,3011,1.06,5628,1.07,9550,1.08,15147,1.09
22841,1.10,32782,1.11,45147,1.12,60251,1.13
78072,1.14,98336,20.0,-99
1,18
0.4,0,0.5,1,0.6,9,0.7,29,0.8,78,0.9,211,1.0,550
1.1,1349,1.2,3011,1.3,5628,1.4,9550,1.5,15147
1.6,22841,1.7,32782,1.8,45147,1.9,60251
2.0,78072,2.1,98336,-99
7                             ,7  Print calculated h'graph
E1.1
 5,3,  0.12,  0.29 ,-99       ,normal (reach) storage
 2,3,  0.13,  0.29 ,-99       ,Sub-area 1.4
 3                            ,Store h'graph
 1,3,  0.20,0.1 ,-99          ,Sub-area 1.2
3                             ,Store the current hydrograph
```

```
 1,3,  0.32,0.1 ,-99                ,Sub-area 1.3
 4                          ,Add in the last stored h'graph
3
C
C retrieve Princes St overflows
C
19,2,0,1,4,-99
5,3,0.28,0.1,-99
3
19,2,0,1,3,-99
4
7
Princes backflow - d/s EP4
5,3,0.17,0.1,-99
3
19,2,0,1,2,-99
4
7
Princes backflow d/s EP3
5,3,0.40,0.1,-99
3
19,2,0,1,1,-99
4
7
Princes backflow d/s EP2
5,3,0.20,0.2,-99
4
C
C Farrell St RB site (Qp=1.0m3/s)
C
16
Farrell St RB
C
C dummy discharge value above2.0 mAHD
C
1,0,15
0,0,1,0.5,7,1.0,38,1.01,126,1.02,303,1.03,562,1.04
908,1.05,1359,1.06,1949,1.07,2779,1.08,4226,1.09
6626,1.10,10253,1.11,15380,20.0,-99
1,15
0.7,0,0.8,1,0.9,7,1.0,38,1.1,126,1.2,303,1.3,562
1.4,908,1.5,1359,1.6,1949,1.7,2779,1.8,4226
1.9,6626,2.0,10253,2.1,15380,-99
7
E1.15 - Bay St
5,3,0.12,0.29,-99
4
7                          ,7   Print calculated h'graph
E1.2
 5,3,  0.17,  0.22 ,-99            ,normal (reach) storage
3                          ,Store the current hydrograph
 1,3,  0.13,0.22 ,-99                ,Sub-area 1.5
 4                          ,Add in the last stored h'graph
7                          ,7   Print calculated h'graph
E1.3
 5,3,  0.04,  0.22 ,-99            ,normal (reach) storage
```

```
3                       ,Store the current hydrograph
 1,3,  0.65,0.5 ,-99          ,Sub-area 3.1
3                       ,Store the current hydrograph
 1,3,  0.45,0.25 ,-99         ,Sub-area 3.2
4
3
 1,3,  0.20,0.25,-99          ,Sub-area 3.3
 4                      ,Add in the last stored h'graph
5,3,0.25,0.2,-99
3
 1,3,  0.30,0.3 ,-99          ,Sub-area 3.4
3                       ,Store the current hydrograph
 1,3,  0.15,0.1 ,-99          ,Sub-area 3.5
 4                      ,Add in the last stored h'graph
4
7                       ,7  Print calculated h'graph
E3.1
 5,3,  0.20,  0.1 ,-99        ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.35,0.1 ,-99          ,Sub-area 3.6
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E3.2
 5,3,  0.08,  0.1 ,-99        ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.13,0.1 ,-99          ,Sub-area 3.7
 4                      ,Add in the last stored h'graph
C
C Richardson St RB site (Qp=3.0m3/s)
C
16
Richardson St RB
C
C dummy values above 2.1 mAHD
C
1,0,12
0,0,1,1.5,15,3.0,85,3.01,321,3.02,944,3.03,2183,3.04
4239,3.05,7460,3.06,12456,3.07,20000,3.08,40000,20.0,-99
1,12
1.1,0,1.2,1,1.3,15,1.4,85,1.5,321,1.6,944,1.7,2183
1.8,4239,1.9,7460,2.0,12456,2.1,20000,2.2,40000,-99
7                       ,7  Print calculated h'graph
E3.3
 5,3,  0.31,  0.10 ,-99       ,normal (reach) storage
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.4
 5,3,  0.17,  0.22 ,-99       ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.15,0.1 ,-99          ,Sub-area 1.6
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.5 - u/s pump station
 5,3,  0.30,  0.25 ,-99       ,normal (reach) storage
4
7                       ,7  Print calculated h'graph
```

Crpr-des.cat
Outfall - Cruik+Rich
4
7
Outfall - total
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
0.04, 0.10, 0.14, 0.20, 0.02, 0.02, 0.05, 0.03
0.08, 0.07, 0.05
0.02, 0.02, 0.13, 0.07, 0.08, 0.07, 0.03, 0.10
0.08, 0.09
0.08, 0.17, 0.03, 0.05, 0.10, 0.04, 0.10, 0.12
0.15, 0.12, 0.06, 0.15, 0.06, 0.06
-99 , 35 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.80, 0.45, 0.80, 0.45, 0.30, 0.30, 0.30, 0.45
0.50, 0.50, 0.50
0.50, 0.50, 0.50, 0.50, 0.50, 0.50, 0.30, 0.50
0.50, 0.40
0.50, 0.55, 0.40, 0.70, 0.60, 0.35, 0.30, 0.50
0.60, 0.50, 0.50, 0.50, 0.15, 0.40
-99 ,End of fractions imperviousness

Crpr-sen.cat

```
Cruikshank/Richardson/Esplanade West + Princes
C Created at 09:43 on 02/12/96
C  for: Gutteridge Haskins & Davey, Melbourne.  18/1/1991
C Port Phillip FPM Study - design file (sensitivity run)
C Reach Type Flag
0                       ,More than one reach type
C The Control Vector
C
C
C Princes St catchment
C
C
 1,3,  0.25, 0.2 ,-99          ,Sub-area 1.1
 2,3,  0.25, 0.15 ,-99         ,Sub-area 1.2
3                       ,Store the current hydrograph
 1,3,  0.30, 0.2 ,-99          ,Sub-area 1.3
 2,3,  0.40, 0.15 ,-99         ,Sub-area 1.4
 4                      ,Add in the last stored h'graph
C
C Evans St RB site (Qout=1.3m3/s)
C
16
Evans St RB
C
C dummy values above2.30m AHD
C volumes adjusted for exclusion east of Bridge Street
C
1,0,12
0,0,1,0.7,14,1.3,73,1.31,232,1.32,700,1.33
1820,1.34,4600,1.35,9913,1.36,18741,1.37
32067,1.38,50000,10.0,-99
1,12
1.3,0,1.4,1,1.5,14,1.6,73,1.7,232,1.8,700
1.9,1820,2.0,4600,2.1,9913,2.2,18741
2.3,32067,2.4,50000,-99
7                       ,7  Print calculated h'graph
EP1
 5,3,  0.07,  0.15 ,-99        ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.20, 0.07 ,-99         ,Sub-area 2.0
 2,3,  0.20, 0.07 ,-99         ,Sub-area 2.1
 2,3,  0.15, 0.07 ,-99         ,Sub-area 2.2
3                       ,Store the current hydrograph
 1,3,  0.10, 0.07 ,-99         ,Sub-area 2.3
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
EP2
19,3,0,0,1
EP2 - Div to Farrell RB
3
0,0,0.65,0,20,19.35,-99
 5,3,  0.06,  0.11 ,-99        ,normal (reach) storage
 5,3,  0.05,  0.16 ,-99        ,normal (reach) storage
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
EP0
 5,3,  0.32,  0.1 ,-99         ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.25, 0.2 ,-99          ,Sub-area 3.0
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
EP3
```

Crpr-sen.cat
19,3,0,0,2
EP3 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3, 0.17, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
 1,3, 0.07, 0.2 ,-99 ,Sub-area 4.0
 4 ,Add in the last stored h'graph
19,3,0,0,3
EP4 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.17,0.1,-99
7 ,7 Print calculated h'graph
EP4
 5,3, 0.11, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
 1,3, 0.01, 0.2 ,-99 ,Sub-area 5.0
 4 ,Add in the last stored h'graph
19,3,0,0,4
EP5 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.11,0.1,-99
7 ,7 Print calculated h'graph
EP5 - Princes Total
3 ,Store the current hydrograph
C
C
C Cruikshank Street catchment
C
C
 1,3, 0.20,1.5 ,-99 ,Sub-area 2.0
 2,3, 0.15,1.0 ,-99 ,Sub-area 2.1
 2,3, 0.35,0.7 ,-99 ,Sub-area 2.2
3
 1,3, 0.25,0.2 ,-99 ,Sub-area 2.3
4
7 ,7 Print calculated h'graph
E2.1
 5,3, 0.10, 0.2 ,-99 ,normal (reach) storage
5,3,0.05,0.2,-99
 2,3, 0.20, 0.2 ,-99 ,Sub-area 2.4
7 ,7 Print calculated h'graph
E2.2
19,3,0,0,5
Cruik - Div to Spring RB
C
C diversion capacity 3.6 m3/s
C
3
0,0,3.6,0,20,16.4,-99
 5,3, 0.25, 0.2 ,-99 ,normal (reach) storage
2,3,0.15,0.2,-99 ,Sub-area 2.5
7 ,7 Print calculated h'graph
E2.3
 5,3, 0.17, 0.2 ,-99 ,normal (reach) storage
2,3,0.07,0.2,-99 ,Sub-area 2.6
 5,3, 0.05, 0.2 ,-99 ,normal (reach) storage
7 ,7 Print calculated h'graph
E2.4
 5,3, 0.13, 0.2 ,-99 ,normal (reach) storage

```
3                       ,Store the current hydrograph
 1,3,  0.30,0.2 ,-99          ,Sub-area 2.7
 2,3,  0.21,0.2 ,-99          ,Sub-area 2.8
 2,3,  0.03,0.2 ,-99          ,Sub-area 2.9
 4                      ,Add in the last stored h'graph
5,3,0.3,0.2,-99
7                       ,7  Print calculated h'graph
E2.5
3                       ,Store the current hydrograph
C
C
C Esplanade West/Richardson Street catchment
C
C
 1,3,  0.35,0.07 ,-99          ,Sub-area 1.0
 2,3,  0.20,0.07 ,-99          ,Sub-area 1.1
3
C
C retrieve Cruikshank overflow
C
19,2,0,1,5,-99
4
C
C Spring St RB site (Qout=0.1m3/s)
C
16
Spring St RB
C
C dummy discharge value above 2.0 mAHD
C
1,0,18
0,0,1,0.05,9,0.1,29,0.101,78,0.102,211,0.103,550,0.104
1349,0.105,3011,0.106,5628,0.107,9550,0.108,15147,0.109
22841,0.11,32782,0.111,45147,0.112,60251,0.113
78072,0.114,98336,20.0,-99
1,18
0.4,0,0.5,1,0.6,9,0.7,29,0.8,78,0.9,211,1.0,550
1.1,1349,1.2,3011,1.3,5628,1.4,9550,1.5,15147
1.6,22841,1.7,32782,1.8,45147,1.9,60251
2.0,78072,2.1,98336,-99
7                       ,7  Print calculated h'graph
E1.1
 5,3,  0.12,  0.29 ,-99        ,normal (reach) storage
 2,3,  0.13,  0.29 ,-99          ,Sub-area 1.4
 3                      ,Store h'graph
 1,3,  0.20,0.1 ,-99           ,Sub-area 1.2
 3                      ,Store the current hydrograph
 1,3,  0.32,0.1 ,-99           ,Sub-area 1.3
 4                      ,Add in the last stored h'graph
3
C
C retrieve Princes St overflows
C
19,2,0,1,4,-99
5,3,0.28,0.1,-99
3
19,2,0,1,3,-99
4
7
Princes backflow - d/s EP4
5,3,0.17,0.1,-99
3
```

Crpr-sen.cat
19,2,0,1,2,-99
4
7
Princes backflow d/s EP3
5,3,0.40,0.1,-99
3
19,2,0,1,1,-99
4
7
Princes backflow d/s EP2
5,3,0.20,0.2,-99
4
C
C Farrell St RB site (Qout=0.1m3/s)
C
16
Farrell St RB
C
C dummy discharge value above 2.0 mAHD
C
1,0,15
0,0,1,0.05,7,0.1,38,0.101,126,0.102,303,0.103,562,0.104
908,0.105,1359,0.106,1949,0.107,2779,0.108,4226,0.109
6626,0.110,10253,0.111,15380,20.0,-99
1,15
0.7,0,0.8,1,0.9,7,1.0,38,1.1,126,1.2,303,1.3,562
1.4,908,1.5,1359,1.6,1949,1.7,2779,1.8,4226
1.9,6626,2.0,10253,2.1,15380,-99
7
E1.15 - Bay St
5,3,0.12,0.29,-99
4
7 ,7 Print calculated h'graph
E1.2
5,3, 0.17, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.13,0.22 ,-99 ,Sub-area 1.5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1.3
5,3, 0.04, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.65,0.5 ,-99 ,Sub-area 3.1
3 ,Store the current hydrograph
1,3, 0.45,0.25 ,-99 ,Sub-area 3.2
4
3
1,3, 0.20,0.25,-99 ,Sub-area 3.3
4 ,Add in the last stored h'graph
5,3,0.25,0.2,-99
3
1,3, 0.30,0.3 ,-99 ,Sub-area 3.4
3 ,Store the current hydrograph
1,3, 0.15,0.1 ,-99 ,Sub-area 3.5
4 ,Add in the last stored h'graph
4
7 ,7 Print calculated h'graph
E3.1
5,3, 0.20, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.35,0.1 ,-99 ,Sub-area 3.6
4 ,Add in the last stored h'graph

```
7                       ,7  Print calculated h'graph
E3.2
 5,3,  0.08,  0.1 ,-99          ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.13,0.1 ,-99              ,Sub-area 3.7
 4                      ,Add in the last stored h'graph
C
C Richardson St RB site (Qout=2.5m3/s)
C
16
Richardson St RB
C
C dummy values above 2.1 mAHD
C
1,0,12
0,0,1,1.5,15,2.5,85,2.51,321,2.52,944,2.53,2183,2.54
4239,2.55,7460,2.56,12456,2.57,20000,2.58,40000,20.0,-99
1,12
1.1,0,1.2,1,1.3,15,1.4,85,1.5,321,1.6,944,1.7,2183
1.8,4239,1.9,7460,2.0,12456,2.1,20000,2.2,40000,-99
7                       ,7  Print calculated h'graph
E3.3
 5,3,  0.31,  0.10 ,-99          ,normal (reach) storage
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.4
 5,3,  0.17,  0.22 ,-99          ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.15,0.1 ,-99              ,Sub-area 1.6
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.5 - u/s pump station
 5,3,  0.30,  0.25 ,-99          ,normal (reach) storage
4
7                       ,7  Print calculated h'graph
Outfall - Cruik+Rich
4
7
Outfall - total
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.04,  0.10,  0.14,  0.20,  0.02,  0.02,  0.05,  0.03
   0.08,  0.07,  0.05
   0.02,  0.02,  0.13,  0.07,  0.08,  0.07,  0.03,  0.10
   0.08,  0.09
   0.08,  0.17,  0.03,  0.05,  0.10,  0.04,  0.10,  0.12
   0.15,  0.12,  0.06,  0.15,  0.06,  0.06
-99                  , 35 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.80,  0.45,  0.80,  0.45,  0.30,  0.30,  0.30,  0.45
   0.50,  0.50,  0.50
   0.50,  0.50,  0.50,  0.50,  0.50,  0.50,  0.30,  0.50
   0.50,  0.40
   0.50,  0.55,  0.40,  0.70,  0.60,  0.35,  0.30,  0.50
   0.60,  0.50,  0.50,  0.50,  0.15,  0.40
-99                  ,End of fractions imperviousness
```

Crpr-fdo.cat
Cruikshank/Richardson/Esplanade West + Princes
C Created at 09:43 on 02/12/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study - design file FLOOD MITIGATION OPTIONS
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
C
C
C Princes St catchment
C
C
1,3, 0.25, 0.2 ,-99 ,Sub-area 1.1
2,3, 0.25, 0.15 ,-99 ,Sub-area 1.2
3 ,Store the current hydrograph
1,3, 0.30, 0.2 ,-99 ,Sub-area 1.3
2,3, 0.40, 0.15 ,-99 ,Sub-area 1.4
4 ,Add in the last stored h'graph
C
C Evans St RB site (Qp=1.3m3/s)
C
16
Evans St RB
C
C dummy values above2.30m AHD and incresed pumping
C volumes adjusted for exclusion east of Bridge Street
C
1,0,12
0,0,1,0.7,14,1.3,73,1.31,232,6.82,700,6.83
1820,6.84,4600,6.85,9913,6.86,18741,6.87
32067,6.88,50000,10.0,-99
1,12
1.3,0,1.4,1,1.5,14,1.6,73,1.7,232,1.8,700
1.9,1820,2.0,4600,2.1,9913,2.2,18741
2.3,32067,2.4,50000,-99
7 ,7 Print calculated h'graph
EP1
5,3, 0.07, 0.15 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.20, 0.07 ,-99 ,Sub-area 2.0
2,3, 0.20, 0.07 ,-99 ,Sub-area 2.1
2,3, 0.15, 0.07 ,-99 ,Sub-area 2.2
3 ,Store the current hydrograph
1,3, 0.10, 0.07 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP2
19,3,0,0,1
EP2 - Div to Farrell RB
3
0,0,0.65,0,20,19.35,-99
5,3, 0.06, 0.11 ,-99 ,normal (reach) storage
5,3, 0.05, 0.16 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP0
5,3, 0.32, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.25, 0.2 ,-99 ,Sub-area 3.0
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
EP3

Crpr-fdo.cat

```
19,3,0,0,2
EP3 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,  0.17,  0.1 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.07, 0.2 ,-99                ,Sub-area 4.0
 4                             ,Add in the last stored h'graph
19,3,0,0,3
EP4 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.17,0.1,-99
7                              ,7  Print calculated h'graph
EP4
 5,3,  0.11,  0.1 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.01, 0.2 ,-99                ,Sub-area 5.0
 4                             ,Add in the last stored h'graph
19,3,0,0,4
EP5 - Div to Farrell RB
3
0,0,2.6,0,20,17.4,-99
 5,3,0.11,0.1,-99
7                              ,7  Print calculated h'graph
EP5 - Princes Total
3                              ,Store the current hydrograph
C
C
C Cruikshank Street catchment
C
C
 1,3,  0.20,1.5 ,-99                ,Sub-area 2.0
 2,3,  0.15,1.0 ,-99                ,Sub-area 2.1
 2,3,  0.35,0.7 ,-99                ,Sub-area 2.2
3
 1,3,  0.25,0.2 ,-99                ,Sub-area 2.3
4
7                              ,7  Print calculated h'graph
E2.1
 5,3,  0.10,  0.2 ,-99          ,normal (reach) storage
5,3,0.05,0.2,-99
 2,3,  0.20,  0.2 ,-99          ,Sub-area 2.4
7                              ,7  Print calculated h'graph
E2.2
19,3,0,0,5
Cruik - Div to Spring RB
3
0,0,3.6,0,20,16.4,-99
 5,3,  0.25,  0.2 ,-99          ,normal (reach) storage
2,3,0.15,0.2,-99               ,Sub-area 2.5
7                              ,7  Print calculated h'graph
E2.3
 5,3,  0.17,  0.2 ,-99          ,normal (reach) storage
2,3,0.07,0.2,-99               ,Sub-area 2.6
 5,3,  0.05,  0.2 ,-99          ,normal (reach) storage
7                              ,7  Print calculated h'graph
E2.4
 5,3,  0.13,  0.2 ,-99          ,normal (reach) storage
3                              ,Store the current hydrograph
 1,3,  0.30,0.2 ,-99                ,Sub-area 2.7
 2,3,  0.21,0.2 ,-99                ,Sub-area 2.8
```

```
 2,3,  0.03,0.2 ,-99              ,Sub-area 2.9
 4                          ,Add in the last stored h'graph
5,3,0.3,0.2,-99
 7                          ,7  Print calculated h'graph
E2.5
 3                          ,Store the current hydrograph
C
C
C Esplanade West/Richardson Street catchment
C
C
 1,3,  0.35,0.07 ,-99             ,Sub-area 1.0
 2,3,  0.20,0.07 ,-99             ,Sub-area 1.1
3
C
C retrieve Cruikshank overflow
C
19,2,0,1,5,-99
4
C
C Spring St RB site (Qp=1.0m3/s)
C
16
Spring St RB
C
C dummy discharge value above 2.0 mAHD and incresed pumping
C
1,0,18
0,0,1,0.5,9,1.0,29,1.01,78,1.02,211,1.03,550,1.04
1349,2.05,3011,2.06,5628,2.07,9550,2.08,15147,2.09
22841,2.10,32782,2.11,45147,2.12,60251,2.13
78072,2.14,98336,20.0,-99
1,18
0.4,0,0.5,1,0.6,9,0.7,29,0.8,78,0.9,211,1.0,550
1.1,1349,1.2,3011,1.3,5628,1.4,9550,1.5,15147
1.6,22841,1.7,32782,1.8,45147,1.9,60251
2.0,78072,2.1,98336,-99
 7                          ,7  Print calculated h'graph
E1.1
 5,3,  0.12,  0.29 ,-99           ,normal (reach) storage
 2,3,  0.13,  0.29 ,-99               ,Sub-area 1.4
 3                          ,Store h'graph
 1,3,  0.20,0.1 ,-99              ,Sub-area 1.2
 3                          ,Store the current hydrograph
 1,3,  0.32,0.1 ,-99              ,Sub-area 1.3
 4                          ,Add in the last stored h'graph
3
C
C retrieve Princes St overflows
C
19,2,0,1,4,-99
5,3,0.28,0.1,-99
3
19,2,0,1,3,-99
4
7
Princes backflow - d/s EP4
5,3,0.17,0.1,-99
3
19,2,0,1,2,-99
4
7
```

Crpr-fdo.cat
Princes backflow d/s EP3
5,3,0.40,0.1,-99
3
19,2,0,1,1,-99
4
7
Princes backflow d/s EP2
5,3,0.20,0.2,-99
4
C
C Farrell St RB site (Qp=1.0m3/s)
C
16
Farrell St RB
C
C dummy discharge value above2.0 mAHD and incresed pumping
C
1,0,15
0,0,1,0.5,7,1.0,38,1.01,126,1.02,303,5.03,562,5.04
908,5.05,1359,5.06,1949,5.07,2779,5.08,4226,5.09
6626,5.10,10253,5.11,15380,20.0,-99
1,15
0.7,0,0.8,1,0.9,7,1.0,38,1.1,126,1.2,303,1.3,562
1.4,908,1.5,1359,1.6,1949,1.7,2779,1.8,4226
1.9,6626,2.0,10253,2.1,15380,-99
7
E1.15 - Bay St
5,3,0.12,0.29,-99
4
7 ,7 Print calculated h'graph
E1.2
5,3, 0.17, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.13,0.22 ,-99 ,Sub-area 1.5
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E1.3
5,3, 0.04, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.65,0.5 ,-99 ,Sub-area 3.1
3 ,Store the current hydrograph
1,3, 0.45,0.25 ,-99 ,Sub-area 3.2
4
3
1,3, 0.20,0.25,-99 ,Sub-area 3.3
4 ,Add in the last stored h'graph
5,3,0.25,0.2,-99
3
1,3, 0.30,0.3 ,-99 ,Sub-area 3.4
3 ,Store the current hydrograph
1,3, 0.15,0.1 ,-99 ,Sub-area 3.5
4 ,Add in the last stored h'graph
4
7 ,7 Print calculated h'graph
E3.1
5,3, 0.20, 0.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.35,0.1 ,-99 ,Sub-area 3.6
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3.2
5,3, 0.08, 0.1 ,-99 ,normal (reach) storage

Crpr-fdo.cat

```
3                       ,Store the current hydrograph
 1,3,  0.13,0.1 ,-99          ,Sub-area 3.7
 4                      ,Add in the last stored h'graph
C
C Richardson St RB site (Qp=3.0m3/s)
C
16
Richardson St RB
C
C dummy values above 2.1 mAHD and incresed pumping
C
1,0,12
0,0,1,1.5,15,3.0,85,3.01,321,3.02,944,3.03,2183,6.04
4239,6.05,7460,6.06,12456,6.07,20000,6.08,40000,20.0,-99
1,12
1.1,0,1.2,1,1.3,15,1.4,85,1.5,321,1.6,944,1.7,2183
1.8,4239,1.9,7460,2.0,12456,2.1,20000,2.2,40000,-99
7                       ,7  Print calculated h'graph
E3.3
 5,3,  0.31,  0.10 ,-99       ,normal (reach) storage
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.4
 5,3,  0.17,  0.22 ,-99       ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.15,0.1 ,-99          ,Sub-area 1.6
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E1.5 - u/s pump station
 5,3,  0.30,  0.25 ,-99       ,normal (reach) storage
4
7                       ,7  Print calculated h'graph
Outfall - Cruik+Rich
4
7
Outfall - total
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.04,  0.10,  0.14,  0.20,  0.02,  0.02,  0.05,  0.03
   0.08,  0.07,  0.05
   0.02,  0.02,  0.13,  0.07,  0.08,  0.07,  0.03,  0.10
   0.08,  0.09
   0.08,  0.17,  0.03,  0.05,  0.10,  0.04,  0.10,  0.12
   0.15,  0.12,  0.06,  0.15,  0.06,  0.06
-99                  , 35 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.80,  0.45,  0.80,  0.45,  0.30,  0.30,  0.30,  0.45
   0.50,  0.50,  0.50
   0.50,  0.50,  0.50,  0.50,  0.50,  0.50,  0.30,  0.50
   0.50,  0.40
   0.50,  0.55,  0.40,  0.70,  0.60,  0.35,  0.30,  0.50
   0.60,  0.50,  0.50,  0.50,  0.15,  0.40
-99                  ,End of fractions imperviousness
```

Han-cal.cat
Hanna Street MD
C GHD Pty Ltd
C January 1997
C Port Phillip FPM
C Calibration File
C reach type flag
0
1,3,0.40,0.40,-99 , Sub-area 1A
3
1,3,0.37,0.40,-99 , Sub-area 1B
4
5,3,0.22,0.66,-99
2,3,0.30,0.66,-99 , Sub-area 1C
7
E1 - Commercial Rd
5,3,0.22,0.47,-99
2,3,0.20,0.47,-99 , Sub-area 2A
3
1,3,0.50,0.80,-99 , Sub-area 2B
4
7
E2 - Leopold St
5,3,0.27,0.50,-99
3
1,3,0.60,2.33,-99 , Sub-area 3A
4
5,3,0.20,0.50,-99
2,3,0.01,0.50,-99 , Sub-area 3B
7
E3 - Queens Rd
5,3,0.60,0.20,-99
3
1,3,0.80,1.7,-99 , Sub-area 4A
2,3,0.13,0.20,-99 , Sub-area 4B
3
1,3,0.50,1.8,-99 , Sub-area 4C
4
4
7
E4 - Albert Rd
5,3,0.30,0.25,-99
3
1,3,0.50,0.4,-99 , Sub-area 5A
4
7
E4.5 - PARK ST
5,3,0.42,0.25,-99
3
1,3,0.45,1.8,-99 , Sub-area 5B
3
1,3,0.58,1.20,-99 , Sub-area 5C
4
4
7
E5 - Sturt/Coventry
5,3,0.42,0.20,-99

Han-cal.cat
3
1,3,0.50,0.25,-99 , Sub-area 6A
4
5,3,0.20,0.20,-99
3
1,3,0.16,0.25,-99 , Sub-area 6B
4
5,3,0.30,0.20,-99
2,3,0.30,0.20,-99 , Sub-area 6C
7
E6 - OUTFALL
0
C Sub-area Data
0.23,0.19,0.17,0.19,0.20,0.37,0.23,0.30,0.19
0.22,0.46,0.30,0.72,0.53,0.31,0.26,-99
C Imperviousness
1
0.50,0.50,0.75,0.58,0.10,0.27,0.58,0.50,0.60
0.24,0.60,0.60,0.54,0.75,0.75,0.75,-99

Han-des2.cat
Hanna Street MD
C GHD Pty Ltd
C January 1997
C Port Phillip FPM - Design File
C ALBERT PARK RB added 29/1/97
C Model Revised by IN 27/8/97
C reach type flag
0
1,3,0.40,0.40,-99 , Sub-area 1A
3
1,3,0.34,0.40,-99 , Sub-area 1B
4
5,3,0.41,0.66,-99
3
1,3,0.30,0.66,-99 , Sub-area 1C
4
5,3,0.13,0.66,-99
19,3,0,0,0
Cowderoy Drain Out
3
0,0,3.1,3.1,50.0,3.11,-99
7
E1 - Commercial Rd
5,3,0.22,0.47,-99
3
1,1,0.25,-99 , Sub-area 2B
2,3,0.29,0.50,-99 , Sub-area 2A-1
4
7
E2 - Leopold St
5,3,0.27,0.40,-99
3
1,3,0.15,2.33,-99 , Sub-area 3A-1
5,1,0.53,-99
3
1,1,0.40,-99 , Sub-area 3A-2
4
5,3,0.15,0.50,-99
3
1,3,0.10,0.50,-99 ,Sub-Area 3A-3
4
4
7
E2A-Arthur St Top End of
5,3,0.20,0.5,-99
3
1,3,0.45,0.6,-99 ,Sub-Area 2A-2
4
3
1,3,0.23,0.8,-99 ,Sub-Area 3B-1
4
19,3,0,0,0
Arthur St O/flow
4
0,0,0.3,0,2.2,1.9,50.0,1.91,-99
2,1,0.25,-99 ,Sub-Area 3B-2

Han-des2.cat
7
E3 - Queens Rd
19,3,0,0,1
Albert Park o/land split
3
0,0,1.2,0,50.0,48.8,-99
5,3,0.60,0.20,-99
3
19,2,0,1,1,-99
5,2,0.80,0.12,-99
C
C Albert Park RB behind Badminton Stadium
C
16
Albert Park RB
1,0,10
0,0,290,0.01,955,0.015,1645,0.017,3040,0.018,
5120,0.2,8030,0.6,11660,1.2,16010,2.0,30000,20,-99
1,10
3.6,0,3.7,290,3.8,955,3.9,1645,4.0,3040,
4.1,5120,4.2,8030,4.3,11660,4.4,16010,4.41,30000,-99
C
C
4
3
1,3,0.80,1.7,-99 , Sub-area 4A
2,3,0.13,0.20,-99 , Sub-area 4B
3
1,3,0.50,1.8,-99 , Sub-area 4C
4
19,3,0,0,0
Bowen Lane O/flow
4
0,0,0.7,0,2.5,1.8,50.0,1.81,-99
4
7
E4 - Albert Rd
5,3,0.30,0.25,-99
3
1,3,0.50,0.4,-99 , Sub-area 5A
4
16
Park St Detention Storage
1,0,15
0,0,0.1,3.5,0.9,3.51,19.64,3.52,107,3.53,409,3.54,1171,3.55
2532,3.56,4545,3.57,7292,3.58,10859,3.59,15361,3.60
20694,3.61,26917,5.0,34000,14.3,-99
1,15
1.0,0,1.3,0.1,1.4,0.9,1.5,19.64,1.6,107,1.7,409,1.8,1171
1.9,2532,2.0,4545,2.1,7292,2.2,10859,2.3,15361
2.4,20694,2.5,26917,2.6,34000,-99
7
E4.5 - PARK ST
5,3,0.42,0.25,-99
3
1,3,0.45,1.8,-99 , Sub-area 5B

Han-des2.cat
3
1,3,0.58,1.20,-99 , Sub-area 5C
4
4
7
E5 - Sturt/Coventry
5,3,0.42,0.20,-99
3
1,3,0.50,0.25,-99 , Sub-area 6A
4
5,3,0.20,0.20,-99
3
1,3,0.16,0.25,-99 , Sub-area 6B
4
5,3,0.30,0.20,-99
2,3,0.30,0.20,-99 , Sub-area 6C
16
Whiteman St Detention Storage
1,0,8
0,0,0.2,21.4,983,21.41,3482,21.9,8986,22.4,19081,23.4
33466,24.4,53500,25.2,-99
1,8
0.4,0,0.5,0.2,0.9,983,1.0,3482,1.1,8986,1.2,19081
1.3,33466,1.4,53500,-99
7
E6 - OUTFALL
0
C Sub-area Data
0.23,0.19,0.14,0.20,0.05,0.09,0.26,0.08,0.13,0.06,0.12,0.30,0.19
0.22,0.46,0.30,0.72,0.53,0.31,0.26,-99
C Imperviousness
1
0.50,0.50,0.75,0.10,0.75,0.50,0.10,0.75,0.70,0.70,0.10,0.50,0.60
0.24,0.60,0.60,0.54,0.75,0.75,0.75,-99

Han-des3.cat
Hanna Street MD
C GHD Pty Ltd
C January 1997
C Port Phillip FPM - Design File with Flood Protection Works 8/9/97
C ALBERT PARK RB added 29/1/97
C Model Revised by IN 27/8/97
C reach type flag
0
1,3,0.40,0.40,-99 , Sub-area 1A
3
1,3,0.34,0.40,-99 , Sub-area 1B
4
5,3,0.41,0.66,-99
3
1,3,0.30,0.66,-99 , Sub-area 1C
4
5,3,0.13,0.66,-99
19,3,0,0,0
Cowderoy Drain Out
3
0,0,3.1,3.1,50.0,3.11,-99
7
E1 - Commercial Rd
5,3,0.22,0.47,-99
3
1,1,0.25,-99 , Sub-area 2B
2,3,0.29,0.50,-99 , Sub-area 2A-1
4
7
E2 - Leopold St
5,3,0.27,0.40,-99
3
1,3,0.15,2.33,-99 , Sub-area 3A-1
5,1,0.53,-99
3
1,1,0.40,-99 , Sub-area 3A-2
4
5,3,0.15,0.50,-99
3
1,3,0.10,0.50,-99 ,Sub-Area 3A-3
4
4
7
E2A-Arthur St Top End of
5,3,0.20,0.5,-99
3
1,3,0.45,0.6,-99 ,Sub-Area 2A-2
4
3
1,3,0.23,0.8,-99 ,Sub-Area 3B-1
4
19,3,0,0,0
Arthur St O/flow
4
0,0,0.3,0,2.2,1.9,50.0,1.91,-99
2,1,0.25,-99 ,Sub-Area 3B-2

Han-des3.cat
7
E3 - Queens Rd
19,3,0,0,1
Albert Park o/land split
3
0,0,1.2,0,50.0,48.8,-99
5,3,0.60,0.20,-99
3
19,2,0,1,1,-99
5,2,0.80,0.12,-99
C
C Albert Park RB behind Badminton Stadium
C
16
Albert Park RB
1,0,10
0,0,290,0.01,955,0.015,1645,0.017,3040,0.018,
5120,0.2,8030,0.6,11660,1.2,16010,2.0,30000,20,-99
1,10
3.6,0,3.7,290,3.8,955,3.9,1645,4.0,3040,
4.1,5120,4.2,8030,4.3,11660,4.4,16010,4.41,30000,-99
C
C
4
3
11,3,0.80,1.7,-99 , Sub-area 4A
12,3,0.13,0.20,-99 , Sub-area 4B
3
11,3,0.50,1.8,-99 , Sub-area 4C
4
19,3,0,0,0
Bowen Lane O/flow (all flow diverted)
4
0,0,20.7,20,22.5,21.8,50.0,21.81,-99
4
7
E4 - Albert Rd
5,3,0.30,0.25,-99
3
11,3,0.50,0.4,-99 , Sub-area 5A
19,3,0,0,0
Possible Eastern Road Diversion (all flow diverted)
4
0,0,20.7,20,22.5,21.8,50.0,21.81,-99
4
16
Park St Detention Storage
1,0,15
0,0,0.1,3.5,0.9,3.51,19.64,3.52,107,3.53,409,3.54,1171,3.55
2532,3.56,4545,3.57,7292,3.58,10859,3.59,15361,3.60
20694,3.61,26917,5.0,34000,14.3,-99
1,15
1.0,0,1.3,0.1,1.4,0.9,1.5,19.64,1.6,107,1.7,409,1.8,1171
1.9,2532,2.0,4545,2.1,7292,2.2,10859,2.3,15361
2.4,20694,2.5,26917,2.6,34000,-99
7

Han-des3.cat
E4.5 - PARK ST
5,3,0.42,0.25,-99
3
1,3,0.45,1.8,-99 , Sub-area 5B
3
1,3,0.58,1.20,-99 , Sub-area 5C
4
4
19,3,0,0,0
Possible Southbank Boulevard Diversion (all flow diverted)
3
0,0,10,10,40,10,-99
7
E5 - Sturt/Coventry
5,3,0.42,0.20,-99
3
1,3,0.50,0.25,-99 , Sub-area 6A
4
5,3,0.20,0.20,-99
3
1,3,0.16,0.25,-99 , Sub-area 6B
4
5,3,0.30,0.20,-99
2,3,0.30,0.20,-99 , Sub-area 6C
16
Whiteman St Detention Storage
1,0,8
0,0,0.2,21.4,983,21.41,3482,21.9,8986,22.4,19081,23.4
33466,24.4,53500,25.2,-99
1,8
0.4,0,0.5,0.2,0.9,983,1.0,3482,1.1,8986,1.2,19081
1.3,33466,1.4,53500,-99
7
E6 - OUTFALL
0
C Sub-area Data
0.23,0.19,0.14,0.20,0.05,0.09,0.26,0.08,0.13,0.06,0.12,0.30,0.19
0.22,0.46,0.30,0.72,0.53,0.31,0.26,-99
C Imperviousness
1
0.50,0.50,0.75,0.10,0.75,0.50,0.10,0.75,0.70,0.70,0.10,0.50,0.60
0.24,0.60,0.60,0.54,0.75,0.75,0.75,-99

Gregor.cat
Mc Gregor Street Catchment
C
C Port Phillip FPM - January 1997
C GHD Pty Ltd
C Calibration File
C Reachh Type Flag
0
1,2,0.3,0.13,-99 , Sub-area A1
7
Railway Line
5,3,0.1,0.13,-99
2,3,0.15,0.13,-99 , Sub-area A2
2,3,0.10,0.13,-99 , Sub-area A3
3
1,3,0.1,0.13,-99 , Sub-area A4
3
1,3,0.35,0.13,-99 , Sub-area A5
4
4
7
Park St RB site
5,3,0.3,0.13,-99
7
Outfall
0
0.24,0.10,0.06,0.04,0.17,-99 , sub-area data
1
0.2,0.6,0.5,0.5,0.5,-99 , fraction imperv.

Greg-des.cat
Mc Gregor Street Catchment
C
C Port Phillip FPM - January 1997
C GHD Pty Ltd
C Design File
C Reach Type Flag
0
1,2,0.3,0.13,-99 , Sub-area A1
7
Railway Line
5,3,0.1,0.13,-99
2,3,0.15,0.13,-99 , Sub-area A2
2,3,0.10,0.13,-99 , Sub-area A3
3
1,3,0.1,0.13,-99 , Sub-area A4
3
1,3,0.35,0.13,-99 , Sub-area A5
4
4
7
Park St RB site
16
Mc Gregor St RB
C
C dummy discharge value above 2.0 mAHD
C
1,0,11
0,0,1.0,1.5,13.0,2.91,92.0,2.92,363.0,2.93,1132.0,2.94
2880.0,2.95,6137.0,2.96,11512.0,2.97,19475.0,2.98
30225.0,10.0,-99
1,11
1.1,0,1.2,1.0,1.3,13.0,1.4,92.0,1.5,363.0,1.6,1132.0
1.7,2880.0,1.8,6137.0,1.9,11512.0,2.0,19475
2.1,30225.0,-99
5,3,0.3,0.13,-99
7
Outfall
0
0.24,0.10,0.06,0.04,0.17,-99 , sub-area data
1
0.2,0.6,0.5,0.5,0.5,-99 , fraction imperv.

Shakesp.cat
Shakespeare/St.Kilda Town Hall
C Created at 09:49 on 28/11/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study
C Caibration File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.50 ,2.8,-99 ,Sub-area 1.0
7 ,7 Print calculated h'graph
E1
5,3, 0.55,1.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.80,1.9 ,-99 ,Sub-area 2.1
3 ,Store the current hydrograph
1,3, 0.5,1.2 ,-99 ,Sub-area 2.2
2,3, 0.3,1.7 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2
5,3, 0.17, 1.25 ,-99 ,normal (reach) storage
2,3, 0.21,1.25 ,-99 ,Sub-area 3.0
7 ,7 Print calculated h'graph
E3
5,3, 0.45, 1.18 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.60,2.7 ,-99 ,Sub-area 4.1
2,3, 0.45,1.1 ,-99 ,Sub-area 4.2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E4
5,3, 0.52, 1.23 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.55,2.5 ,-99 ,Sub-area 5.1
2,3, 0.47,0.9 ,-99 ,Sub-area 5.2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E5
5,3, 0.30, 0.91 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.50,1.6 ,-99 ,Sub-area 6.0
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E6
5,3, 0.22, 0.22 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.43,2.6 ,-99 ,Sub-area 7.0
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E7
5,3, 0.38, 0.29 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.43,2.1 ,-99 ,Sub-area 8.0
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph

Shakesp.cat

```
E8
 5,3,  0.20,  0.13 ,-99          ,normal (reach) storage
3                               ,Store the current hydrograph
 1,3,  0.65,1.9 ,-99              ,Sub-area 9.1
 2,3,  0.50,0.9 ,-99              ,Sub-area 9.2
 2,3,  0.55,0.4 ,-99              ,Sub-area 9.3
3                               ,Store the current hydrograph
 1,3,  0.40,0.8 ,-99              ,Sub-area 9.4
3                               ,Store the current hydrograph
 1,3,  0.60,0.7 ,-99              ,Sub-area 9.5
4                               ,Add in the last stored h'graph
5,3,0.30,0.3,-99
3
 1,3,  0.35,0.60 ,-99               ,Sub-area 9.6
4
7                               ,7  Print calculated h'graph
E9.2
 5,3,  0.45,  0.20 ,-99          ,normal (reach) storage
4                               ,Add in the last stored h'graph
 2,3,  0.18,0.3 ,-99              ,Sub-area 9.7
7                               ,7  Print calculated h'graph
E9.1
 5,3,  0.28,  0.29 ,-99          ,normal (reach) storage
4                               ,Add in the last stored h'graph
 5,3,  0.14,  0.29 ,-99          ,normal (reach) storage
3                               ,Store the current hydrograph
 1,3,  0.35,4.6 ,-99               ,Sub-area 9.8
4                               ,Add in the last stored h'graph
7                               ,7  Print calculated h'graph
E9
 5,3,  0.31,  0.13 ,-99          ,normal (reach) storage
3                               ,Store the current hydrograph
 1,3,  0.90,0.7 ,-99              ,Sub-area 10.1
4                               ,Add in the last stored h'graph
3                               ,Store the current hydrograph
 1,3,  0.30,2.0 ,-99              ,Sub-area 10.2
4                               ,Add in the last stored h'graph
7                               ,7  Print calculated h'graph
E10
 5,3,  0.15,  0.13 ,-99          ,normal (reach) storage
 2,3,  0.20, 0.13 ,-99             ,Sub-area 11.0
7                               ,7  Print calculated h'graph
E11
0                               ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.20,  0.30,  0.14,  0.24,  0.22,  0.26,  0.26,  0.37
,  0.22,  0.28,  0.20,  0.22,  0.17,  0.18,  0.15
,  0.28,  0.24,  0.23,  0.19,  0.25,  0.30,  0.29
   0.15 ,-99                    , 23 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.50,  0.50,  0.50,  0.50,  0.50,  0.40,  0.50,  0.35
,  0.50,  0.40,  0.50,  0.60,  0.50,  0.55,  0.55
,  0.55,  0.50,  0.55,  0.45,  0.45,  0.45,  0.50
```

Shakesp.cat
0.25 ,-99 ,End of fractions imperviousness

09/09/97

Sha-des2.cat
Shakespeare/St.Kilda Town Hall
C Created at 09:49 on 28/11/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study - design flow file
C Melb Water amendment to sub-area 9.5 (16/1/97)
C Chapel St RB added 24/1/97 and Inkerman St flow split 3/2/97
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.50 ,2.8,-99 ,Sub-area 1.0
7 ,7 Print calculated h'graph
E1
5,3, 0.55,1.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.80,1.9 ,-99 ,Sub-area 2.1
3 ,Store the current hydrograph
1,3, 0.5,1.2 ,-99 ,Sub-area 2.2
2,3, 0.3,1.7 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2
5,3, 0.17, 1.25 ,-99 ,normal (reach) storage
C
C modifications for Marne flowsplit
C
2,3, 0.01,1.25 ,-99 ,Sub-area 3.0
19,3,0,0,1
Marne flowsplit
3
0,0,6.5,0,50,43.5,-99
5,3,0.20,1.25,-99
3
19,2,0,1,1,-99
5,1,0.20,-99
4
C
C end modifications
C
7 ,7 Print calculated h'graph
E3
5,3, 0.45, 1.18 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.60,2.7 ,-99 ,Sub-area 4.1
2,3, 0.45,1.1 ,-99 ,Sub-area 4.2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E4
5,3, 0.52, 1.23 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.55,2.5 ,-99 ,Sub-area 5.1
2,3, 0.47,0.9 ,-99 ,Sub-area 5.2
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E5
5,3, 0.30, 0.91 ,-99 ,normal (reach) storage

Sha-des2.cat

```
3                       ,Store the current hydrograph
 1,3,  0.50,1.6 ,-99          ,Sub-area 6.0
 4                      ,Add in the last stored h'graph
7
E6 (u/s)
C
C INKERMAN/ CHAPEL ST FLOW SPLIT
C 100 YR 2.1 M3/S TOTAL LOST FROM SYSTEM
C         13.4M3/S TOTAL DIVERTED TO CARLISLE ST/CHAPEL
C
19,3,0,0,10
INKERMAN ST (E6 TOT) LOSS
3
0,0,30,2.1,50,5,-99
C
C
19,3,0,0,20
INKERMAN DIVERSION (E6 DIV)
3
0,0,28,13.4,60,20,-99
C
C
7                       ,7  Print calculated h'graph
E6 ( d/s)
 5,3,  0.22,  0.22 ,-99       ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.43,2.6 ,-99          ,Sub-area 7.0
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E7
 5,3,  0.38,  0.29 ,-99       ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.43,2.1 ,-99          ,Sub-area 8.0
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E8
 5,3,  0.20,  0.13 ,-99       ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.40.1.9 ,-99          ,Sub-area 9.1
7
Entry - area 9.1 (Hotham)
5,3,0.3,1.9,-99
 2,3,  0.55,0.9 ,-99          ,Sub-area 9.2
7
Entry - area 9.2 (Rwy)
 2,3,  0.45,0.4 ,-99          ,Sub-area 9.3
7
Entry - area 9.3 (Chapel)
3                       ,Store the current hydrograph
 1,3,  0.40,0.8 ,-99          ,Sub-area 9.4
3                       ,Store the current hydrograph
 1,3,  0.60,0.7 ,-99          ,Sub-area 9.5
 7
Area 9.5(Grosvenor/Rwy)
4                       ,Add in the last stored h'graph
7
```

Sha-des2.cat
Entry - areas 9.4/9.5 (Rwy)
5,3,0.30,0.3,-99
3
1,3, 0.35,0.60 ,-99 ,Sub-area 9.6
4
7 ,7 Print calculated h'graph
E9.2
5,3, 0.45, 0.20 ,-99 ,normal (reach) storage
7
Entry - area 9.6 (Carlisle)
4 ,Add in the last stored h'graph
C
C PICK UP INKERMAN ST FLOW DIVERSION
C
19,2,0,1,20,-99
C
C CARLISLE ST FLOW LOST FROM SYSTEM
C 100 YEAR 4.8 M3/S
C
19,3,0,0,30
CARLISLE ST FLOW LOSS TOTAL
3
0,0,33,4.8.60,10,-99
C
C Chapel St RB
C
16
Chapel St RB
1,0,10
0,0,90,1,990,4.5,1760,4.7,2880,4.8,
4550,5.9,6950,8.2,13920,12.5,
20580,20.3,28650,31.8,-99
1,10
4.5,0,4.8,90,5.1,990,5.2,1760,5.3,2880,
5.4,4550,5.5,6950,5.6,13920,5.7,20580,5.8,28650,-99
C
2,3, 0.18,0.3 ,-99 ,Sub-area 9.7
7 ,7 Print calculated h'graph
E9.1
5,3, 0.28, 0.29 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
5,3, 0.14, 0.29 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.35,4.6 ,-99 ,Sub-area 9.8
4 ,Add in the last stored h'graph
C
C Barkly St RB
C
16
Barkly St RB
1,0,12
0,0,0.1,21.01,100,21.02,250,21.03,520,21.04
1067,21.05,2193,21.06,4351,21.07,7555,21.08
11800,24.50,17200,46.00,24000,120.00,-99
1,12
1.3,0,3.1,0.1,3.2,100,3.3,250,3.4,520

Sha-des2.cat

```
3.5,1067,3.6,2193,3.7,4351,3.8,7555
3.9,11800,4.0,17200,4.1,24000,-99
C
C end Barkly St RB
C
7                              ,7   Print calculated h'graph
E9
C
C modifications for Barkly St reserve
C
19,3,0,0,2
reserve flowsplit
3
0,0,21.0,0,80,59.0,-99
5,3,0.31,0.13,-99
3
19,2,0,1,2,-99
5,2,0.10,0.13,-99
5,3,0.21,0.13,-99
4
C
C end modifications
C
3                              ,Store the current hydrograph
 1,3,  0.90.0.7 ,-99                  ,Sub-area 10.1
 4                             ,Add in the last stored h'graph
3                              ,Store the current hydrograph
 1,3,  0.30,2.0 ,-99                  ,Sub-area 10.2
 4                             ,Add in the last stored h'graph
C
C Ackland St RB
C
16
Ackland St RB
1,0,17
0,0,0.1,21.0,0.7,21.01,8.4,21.02,38,21.03
128,21.04,365,21.05,812,21.06,1533,21.07
2714,21.08.4538,21.09,7240,24.00
10900,28.0,15500,35.0,21000,43.0,27500,53.0
34500,65.0,-99
1,17
2.4,0,2.5,0.1,2.6,0.8,2.7,8.4,2.8,38
2.9,128,3.0,365,3.1,812,3.2,1533
3.3,2714,3.4,4538,3.5,7240
3.6,10900,3.7,15500,3.8,21000,3.9,27500
4.0,34500,-99
C
C end Ackland St RB
C
7                              ,7   Print calculated h'graph
E10
 5,3,  0.15,  0.13 ,-99               ,normal (reach) storage
 2,3,  0.20,  0.13 ,-99                   ,Sub-area 11.0
7
E11
C
```

Sha-des2.cat
19,3,0,-1,50
DRAIN FLOW TO BAY
3
0,0,21,0,60,39,-99
7
SPENCER ST O/L FLOW
C
C Spencer St RB
C
16
SPENCER ST RB
1,0,7
0,0,2240,0.1,6140,0.5,9240,1.0,12000,3.0,
15000,5.6,20000,10,-99
1,7
1.4,0,2.0,2240,2.2,6140,2.3,9240,2.4,12000,
2.5,15000,2.6,20000,-99
C
C MARINE PDE RB
C
16
MARINE PDE RB
1,0,5
0,0,960,0.1.10000,0.2,17190,9.1,18260,20,-99
1,5
1.1,0,1.3,960,1.5,10000,1.77,17190,1.9,18260,-99
C
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
C sub-area 9.5 (below) increased from 0.24 to 0.60 km2
C to account for Bryon St MD overflow
C (refer Melb Water fax dated 15/1/97)
C
0.20, 0.30, 0.14, 0.24, 0.22, 0.26, 0.26, 0.37
0.22, 0.28, 0.20, 0.22, 0.17, 0.23, 0.10
0.28
0.60
0.23, 0.19, 0.25, 0.30, 0.29
0.15 ,-99 , 23 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.50, 0.50, 0.50, 0.50, 0.50, 0.40, 0.50, 0.35
, 0.50, 0.40, 0.50, 0.60, 0.50, 0.55, 0.55
, 0.55, 0.50, 0.55, 0.45, 0.45, 0.45, 0.50
0.25 ,-99 ,End of fractions imperviousness

Sha-des3.cat
Shakespeare/St.Kilda Town Hall
C Created at 09:49 on 28/11/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM Study - design flow file with flood protection options 8/9/97
C Melb Water amendment to sub-area 9.5 (16/1/97)
C Chapel St RB added 24/1/97 and Inkerman St flow split 3/2/97
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.50 ,2.8,-99 ,Sub-area 1.0
7 ,7 Print calculated h'graph
E1
5,3, 0.55,1.1 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.80,1.9 ,-99 ,Sub-area 2.1
3 ,Store the current hydrograph
1,3, 0.5,1.2 ,-99 ,Sub-area 2.2
2,3, 0.3,1.7 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E2
5,3, 0.17, 1.25 ,-99 ,normal (reach) storage
C
C modifications for Marne flowsplit
C
2,3, 0.01,1.25 ,-99 ,Sub-area 3.0
19,3,0,0,1
Marne flowsplit (Cap=16.5m3/s)
C 6.5 m3/s existing plus 10 m3/s new drain
3
0,0,16.5,16.5,60,43.5,-99
5,3,0.20,1.25,-99
3
19,2,0,1,1,-99
5,1,0.20,-99
4
C
C end modifications
C
7 ,7 Print calculated h'graph
E3
5,3, 0.45, 1.18 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.60,2.7 ,-99 ,Sub-area 4.1
2,3, 0.45,1.1 ,-99 ,Sub-area 4.2
4 ,Add in the last stored h'graph
19,3,0,0,10
Hotham flowsplit (Cap=20m3/s)
C 20 m3/s diverted along Hotham St
3
0,0,20,20,60,20,-99
7 ,7 Print calculated h'graph
E4
5,3, 0.52, 1.23 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph

```
 1,3,  0.55,2.5 ,-99              ,Sub-area 5.1
 12,3,  0.47,0.9 ,-99             ,Sub-area 5.2
 4                          ,Add in the last stored h'graph
 7                          ,7  Print calculated h'graph
E5
 5,3,  0.30,  0.91 .-99           ,normal (reach) storage
 3                          ,Store the current hydrograph
 1,3,  0.50,1.6 .-99              ,Sub-area 6.0
 4                          ,Add in the last stored h'graph
 7
E6 (u/s)
C
C INKERMAN/ CHAPEL ST FLOW SPLIT
C 100 YR 2.1 M3/S TOTAL LOST FROM SYSTEM
C          13.4M3/S TOTAL DIVERTED TO CARLISLE ST/CHAPEL
C
19,3,0,0,10
INKERMAN ST (E6 TOT) LOSS
3
0,0,30,2.1,50,5.-99
C
C
19,3,0,0,20
INKERMAN DIVERSION (E6 DIV)
3
0,0,28,13.4,60.20,-99
C
C
 7                          ,7  Print calculated h'graph
E6 ( d/s)
 5,3,  0.22,  0.22 .-99           ,normal (reach) storage
 3                          ,Store the current hydrograph
 1,3,  0.43,2.6 ,-99              ,Sub-area 7.0
 4                          ,Add in the last stored h'graph
 7                          ,7  Print calculated h'graph
E7
 5,3,  0.38,  0.29 ,-99           ,normal (reach) storage
 3                          ,Store the current hydrograph
 1,3,  0.43,2.1 .-99              ,Sub-area 8.0
 4                          ,Add in the last stored h'graph
 7                          ,7  Print calculated h'graph
E8
 5,3,  0.20,  0.13 ,-99           ,normal (reach) storage
 3                          ,Store the current hydrograph
 1,3,  0.40,1.9 .-99              ,Sub-area 9.1
 7
Entry - area 9.1 (Hotham)
5,3,0.3,1.9,-99
 2,3,  0.55,0.9 ,-99              ,Sub-area 9.2
 7
Entry - area 9.2 (Rwy)
 2,3,  0.45,0.4 ,-99              ,Sub-area 9.3
 7
Entry - area 9.3 (Chapel)
 3                          ,Store the current hydrograph
 1,3,  0.40,0.8 ,-99              ,Sub-area 9.4
```

```
3                          ,Store the current hydrograph
 1,3,  0.60,0.7 ,-99              ,Sub-area 9.5
 7
Area 9.5(Grosvenor/Rwy)
4                          ,Add in the last stored h'graph
7
Entry - areas 9.4/9.5 (Rwy)
5,3,0.30,0.3,-99
3
 1,3,  0.35,0.60 ,-99             ,Sub-area 9.6
4
7                          ,7  Print calculated h'graph
E9.2
 5,3,  0.45,  0.20 ,-99           ,normal (reach) storage
7
Entry - area 9.6 (Carlisle)
 4                         ,Add in the last stored h'graph
C
C PICK UP INKERMAN ST FLOW DIVERSION
C
19,2,0,1,20,-99
C
19,3,0,0,30
Blessington St Diversion
3
0,0,30,25,60,25,-99
C
C CARLISLE ST FLOW LOST FROM SYSTEM
C 100 YEAR 4.8 M3/S
C
19,3,0,0,30
CARLISLE ST FLOW LOSS TOTAL
3
0,0,33,4.8,60,10,-99
C
C Chapel St RB
C
16
Chapel St RB
1,0,10
0,0,90,1,990.4.5.1760,4.7,2880,4.8,
4550,5.9,6950.8.2,13920,12.5,
20580,20.3,28650,31.8,-99
1,10
4.5,0,4.8,90,5.1,990,5.2,1760,5.3,2880,
5.4,4550,5.5,6950,5.6,13920,5.7,20580,5.8,28650,-99
C
2,3,  0.18,0.3 ,-99              ,Sub-area 9.7
7                          ,7  Print calculated h'graph
E9.1
 5,3,  0.28,  0.29 ,-99           ,normal (reach) storage
 4                         ,Add in the last stored h'graph
 5,3,  0.14,  0.29 ,-99           ,normal (reach) storage
3                          ,Store the current hydrograph
 1,3,  0.35,4.6 ,-99              ,Sub-area 9.8
 4                         ,Add in the last stored h'graph
```

Sha-des3.cat
C
C Barkly St RB
C
16
Barkly St RB
1,0,12
0,0,0.1,21.01,100,21.02,250,21.03,520,21.04
1067,21.05,2193,21.06,4351,21.07,7555,21.08
11800,24.50,17200,46.00,24000,120.00,-99
1,12
1.3,0,3.1,0.1,3.2,100,3.3,250,3.4,520
3.5,1067,3.6,2193,3.7,4351,3.8,7555
3.9,11800,4.0,17200,4.1,24000,-99
C
C end Barkly St RB
C
7 ,7 Print calculated h'graph
E9
C
C modifications for Barkly St reserve
C
19,3,0,0,2
reserve flowsplit
3
0,0,21.0,0,80,59.0,-99
5,3,0.31,0.13,-99
3
19,2,0,1,2,-99
5,2,0.10,0.13,-99
5,3,0.21,0.13,-99
4
C
C end modifications
C
3 ,Store the current hydrograph
1,3, 0.90,0.7 ,-99 ,Sub-area 10.1
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.30,2.0 ,-99 ,Sub-area 10.2
4 ,Add in the last stored h'graph
C
C Ackland St RB
C
16
Ackland St RB
1,0,17
0,0,0.1,21.0,0.7,21.01,8.4,21.02,38,21.03
128,21.04,365,21.05,812,21.06,1533,21.07
2714,21.08,4538,21.09,7240,24.00
10900,28.0,15500,35.0,21000,43.0,27500,53.0
34500,65.0,-99
1,17
2.4,0,2.5,0.1,2.6,0.8,2.7,8.4,2.8,38
2.9,128,3.0,365,3.1,812,3.2,1533
3.3,2714,3.4,4538,3.5,7240
3.6,10900,3.7,15500,3.8,21000,3.9,27500

Sha-des3.cat
4.0,34500,-99
C
C end Ackland St RB
C
7 ,7 Print calculated h'graph
E10
5,3, 0.15, 0.13 ,-99 ,normal (reach) storage
2,3, 0.20, 0.13 ,-99 ,Sub-area 11.0
7
E11
C
19,3,0,-1,50
DRAIN FLOW TO BAY
3
0,0,21,0,60,39,-99
7
SPENCER ST O/L FLOW
C
C Spencer St RB
C
16
SPENCER ST RB
1,0,7
0,0,2240,0.1,6140,0.5,9240,1.0,12000,3.0,
15000,5.6,20000,10,-99
1,7
1.4,0,2.0,2240,2.2,6140,2.3,9240,2.4,12000,
2.5,15000,2.6,20000,-99
C
C MARINE PDE RB
C
16
MARINE PDE RB
1,0,5
0,0,960,0.1,10000,0.2,17190,9.1,18260,20,-99
1,5
1.1,0,1.3,960,1.5,10000,1.77,17190,1.9,18260,-99
C
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
C
C sub-area 9.5 (below) increased from 0.24 to 0.60 km2
C to account for Bryon St MD overflow
C (refer Melb Water fax dated 15/1/97)
C
0.20, 0.30, 0.14, 0.24, 0.22, 0.26, 0.26, 0.37
0.22, 0.28, 0.20, 0.22, 0.17, 0.23, 0.10
0.28
0.60
0.23, 0.19, 0.25, 0.30, 0.29
0.15 ,-99 , 23 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.50, 0.50, 0.50, 0.50, 0.50, 0.40, 0.50, 0.35

Sha-des3.cat

, 0.50, 0.40, 0.50, 0.60, 0.50, 0.55, 0.55

, 0.55, 0.50, 0.55, 0.45, 0.45, 0.45, 0.50

0.25 ,-99 ,End of fractions imperviousness

Cowderoy.cat
Cowderoy/Union St.
C Created at 17:07 on 03/12/96
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip FPM
C Calibration File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.40, 0.4 ,-99 ,Sub-area 1.0
3 ,Store the current hydrograph
1,3, 0.45, 0.4 ,-99 ,Sub-area 1.1
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E0
5,3, 0.27, 0.66 ,-99 ,normal (reach) storage
2,3, 0.28, 0.66 ,-99 ,Sub-area 1.2A
7 ,7 Print calculated h'graph
E1
5,3, 0.08, 0.66 ,-99 ,normal (reach) storage
5,3, 0.30, 0.46 ,-99 ,normal (reach) storage
7
E1.5 (Overflow Dr)
5,3, 0.24, 0.32 ,-99 ,normal (reach) storage
2,3, 0.24, 0.32 ,-99 , Sub-Area 1.3
3 ,Store the current hydrograph
1,3,0.50,1.2,-99 , Sub-Area 1.2B
4
7 ,7 Print calculated h'graph
E2
5,3, 0.20, 0.32 ,-99 ,normal (reach) storage
5,3, 0.20, 0.25 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.50, 1.1 ,-99 ,Sub-area 2.0
3
1,3,0.43,1.0,-99 , Sub-area 2.05
2,3, 0.25,1.1 ,-99 ,Sub-area 2.1
4
7 ,7 Print calculated h'graph
E3
5,3, 0.20, 1.00 ,-99 ,normal (reach) storage
2,3,0.20,1.0,-99 ,Sub-Area 2.2
7 ,7 Print calculated h'graph
E4
5,3, 0.20, 0.5 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.5, 2.0 ,-99 ,Sub-area 2.3
4 ,Add in the last stored h'graph
2,3, 0.20, 0.50 ,-99 ,Sub-area 2.4
7 ,7 Print calculated h'graph
E5
5,3, 0.06, 2.00 ,-99 ,normal (reach) storage
7
E5.5 (Overflow Dr)
5,3, 0.12, 0.60 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph

Cowderoy.cat
E6
5,3, 0.20, 0.44 ,-99 ,normal (reach) storage
2,3,0.20,0.44,-99 , Sub-area 3.0
7 ,7 Print calculated h'graph
E7
5,3, 0.20, 0.40 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.55, 1.0 ,-99 ,Sub-area 4.1
2,3, 0.20, 0.4 ,-99 ,Sub-area 4.0
4 ,Add in the last stored h'graph
3 ,Store the current hydrograph
1,3, 0.20, 0.4 ,-99 ,Sub-area 4.2
4 ,Add in the last stored h'graph
5,3,0.30,0.4,-99
7 ,7 Print calculated h'graph
E8
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
0.19, 0.19, 0.15, 0.11, 0.10, 0.16
0.16, 0.23, 0.25, 0.24
0.24, 0.56, 0.32, 0.14
0.18 ,-99 , 14 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.50, 0.50, 0.75, 0.75, 0.35, 0.50
0.50, 0.50, 0.50, 0.65
0.65, 0.20, 0.50, 0.50
0.50 ,-99 ,End of fractions imperviousness

```
Cowderoy/Union St.
C Created at 17:07 on 03/12/96
C  for: Gutteridge Haskins & Davey, Melbourne.  18/1/1991
C Port Phillip FPM - design file
C Reach Type Flag
0                       ,More than one reach type
C The Control Vector
 1,3,  0.40, 0.4 ,-99          ,Sub-area 1.0
3                       ,Store the current hydrograph
 1,3,  0.45, 0.4 ,-99          ,Sub-area 1.1
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E0
 5,3,  0.27,  0.66 ,-99        ,normal (reach) storage
 2,3,  0.28, 0.66 ,-99         ,Sub-area 1.2A
19,3,0,0,0
Hanna St Outflow
3
0,0,3.1,0.01,50.0,46.9,-99
7                       ,7  Print calculated h'graph
E1
 5,3,  0.08,  0.66 ,-99        ,normal (reach) storage
 5,3,  0.30,  0.46 ,-99        ,normal (reach) storage
19,3,0,0,0
O/flow Drain (Cowd)
5
0,0,0.3,0,3.0,1.5,5.9,4.4,50.0,4.4,-99
 5,3,  0.24,  0.32 ,-99        ,normal (reach) storage
 2,3,  0.24,  0.32 ,-99        , Sub-Area 1.3
3                       ,Store the current hydrograph
1,3,0.50,1.2,-99               , Sub-Area 1.2B
4
7                       ,7  Print calculated h'graph
E2
 5,3,  0.20,  0.32 ,-99        ,normal (reach) storage
19,3,0,0,2
Surf flow - Cow to Lake
3
0,0,2.4,0,50.0,47.6,-99
 5,3,  0.20,  0.25 ,-99        ,normal (reach) storage
3                       ,Store the current hydrograph
 1,3,  0.50, 1.1 ,-99          ,Sub-area 2.0
19,3,0,0,0
Flow Loss A2.0 to U/pass
3
0,0,0.1,0.1,50,49.9,-99
3
 1,3,0.43,1.0,-99              , Sub-area 2.05
 2,3,  0.25,1.1 ,-99           ,Sub-area 2.1
4
7                       ,7  Print calculated h'graph
E3
 5,3,  0.20,  1.00 ,-99        ,normal (reach) storage
 2,3,0.20,1.0,-99              ,Sub-Area 2.2
7                       ,7  Print calculated h'graph
E4
```

5,3, 0.20, 0.5 ,-99 ,normal (reach) storage
3 ,Store the current hydrograph
1,3, 0.2, 2.0 ,-99 ,Sub-area 2.3
19,3,0,0,1
Flow Div A2.3 to d/s E5
3
0,0,4.0,4.0,50.0,4.0,-99
19,3,0,0,0
Flow loss A2.3 to U/pass
3
0,0,0.1,0.1,50,49.9,-99
5,3,0.3,2.0,-99
4 ,Add in the last stored h'graph
2,3, 0.20, 0.50 ,-99 ,Sub-area 2.4
7
E5 (u/s Junc)
3
19,2,0,1,1,-99
4
19,3,0,0,3
Surf flow - Union to Lake
3
0,0,9.0,0.0,50.0,41.0,-99
7 ,7 Print calculated h'graph
E5 (d/s Junc)
5,3, 0.06, 2.00 ,-99 ,normal (reach) storage
19,3,0,0,0
O/flow Drain (Union)
3
0,0,2.9,0,10.6,6.2,-99
5,3, 0.12, 0.60 ,-99 ,normal (reach) storage
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E6
19,3,0,0,5
flow split - grassed o/land
3
0,0,7.5,0.1,50.0,43.5,-99
5,3, 0.20, 0.44 ,-99 ,normal (reach) storage
2,3,0.20,0.44,-99 , Sub-area 3.0
3
19,2,0,1,5,-99
5,2,0.40,0.44,-99
4
16
Rwy RB
C
C dummy values above 3.0m AHD
C
1,0,5
0,0,0.1,11.4,750,11.41,12000,11.42,1000000,20.0,-99
1,5
0.7,0,2.2,0.1,2.5,750,3.0,12000,3.5,1000000,-99
7 ,7 Print calculated h'graph
E7
5,3, 0.20, 0.40 ,-99 ,normal (reach) storage

```
3                       ,Store the current hydrograph
 1,3,  0.55, 1.0 ,-99          ,Sub-area 4.1
 2,3,  0.20, 0.4  ,-99         ,Sub-area 4.0
 4                      ,Add in the last stored h'graph
3                       ,Store the current hydrograph
 1,3,  0.20, 0.4  ,-99         ,Sub-area 4.2
 4                      ,Add in the last stored h'graph
16
Cowderoy St RB
1,0,12
0,0,70,7.9,141,8.8,300,9.7,728,10.5,1676,11.4
3540,11.41,6946,11.42,12463,11.43,20578,11.44
31294,11.45,44691,11.46,-99
1,12
0.6,0,1.5,70,1.6,141,1.7,300,1.8,728,1.9,1676
2.0,3540,2.1,6946,2.2,12463,2.3,20578
2.4,31294,2.5,44691,-99
5,3,0.30,0.4,-99
7                       ,7  Print calculated h'graph
E8
C
C recovery of Queens Rd surface flows
C
3
C
C recover Union St surface flow
C
19,2,0,1,3,-99
5,3,0.10,0.5,-99
3
C
C recover Cowderoy MD surface flow
C
19,2,0,1,2,-99
4
C
C route thru' surface storage
C
16
Queens Rd RB
1,0,12
0,0,7,0.01,30,0.02,83,0.03,213,0.04,440,0.05
846,0.06,1439,0.07,2260,0.08,3370,0.09
4868,1.4,6765,8.1,-99
1,12
3.3,0,3.4,7,3.5,30,3.6,83,3.7,213,3.8,440
3.9,846,4.0,1439,4.1,2260,4.2,3370
4.3,4868,4.4,6765,-99
C
C recover balance of catchment (nonsense output)
C
4
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
```

0.19, 0.19, 0.15, 0.11, 0.10, 0.16
0.16, 0.23, 0.25, 0.24
0.24, 0.56, 0.32, 0.14 154
0.18 ,-99 , 14 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.50, 0.50, 0.75, 0.75, 0.35, 0.50
0.50, 0.50, 0.50, 0.65
0.65, 0.20, 0.50, 0.50
0.50 ,-99 ,End of fractions imperviousness

John-cal.cat
Johnson St main Drain
C Created at 12:10 on 14/01/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain mapping
C Calibration File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.25, 0.07 ,-99 ,Sub-area A
3 ,Store the current hydrograph
1,3, 0.38, 0.10 ,-99 ,Sub-area B
4 ,Add in the last stored h'graph
C
C site of Ingles Rd RB (data to be added)
C
7 ,7 Print calculated h'graph
E1 Boundary Rd
2,3, 0.32, 0.10 ,-99 ,Sub-area C
3 ,Store the current hydrograph
1,3, 0.40, 0.10 ,-99 ,Sub-area D
7 ,7 Print calculated h'graph
E2 Railway
2,3, 0.17, 0.15 ,-99 ,Sub-area E
3 ,Store the current hydrograph
1,3, 0.37, 0.15 ,-99 ,Sub-area F
4 ,Add in the last stored h'graph
2,3, 0.20, 0.17 ,-99 ,Sub-area G
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3 Brady St
2,3, 0.13, 0.17 ,-99 ,Sub-area H
7 ,7 Print calculated h'graph
E4 Yarra River
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
0.05, 0.06, 0.05, 0.28, 0.05, 0.07, 0.06
0.06 ,-99 , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.45, 0.25, 0.70, 0.50, 0.80, 0.80, 0.80
0.80 ,-99 ,End of fractions imperviousness

Johnson St main Drain
C Created at 12:10 on 14/01/97
C for: Gutteridge Haskins & Davey, Melbourne. 18/1/1991
C Port Phillip Flood Plain mapping
C Design File
C Reach Type Flag
0 ,More than one reach type
C The Control Vector
1,3, 0.25, 0.07 ,-99 ,Sub-area A
3 ,Store the current hydrograph
1,3, 0.38, 0.10 ,-99 ,Sub-area B
4 ,Add in the last stored h'graph
C
C SITE OF Ingles St RB
c
16
Ingles RB
1,0,10
0,0,0.1,1.9,0.2,1.91,2.5,1.92,32,1.93,200,1.95,
720,1.97,1891,2.0,4066,2.01,7627,20,-99
1,10
1.1,0,1.2,0.1,1.3,0.2,1.4,2.5,1.5,32,1.6,200,1.7,720,
1.8,1891,1.9,4066,2.0,7627,-99
7 ,7 Print calculated h'graph
E1 Boundary Rd
2,3, 0.32, 0.10 ,-99 ,Sub-area C
3 ,Store the current hydrograph
1,3, 0.40, 0.10 ,-99 ,Sub-area D
7 ,7 Print calculated h'graph
E2 Railway
2,3, 0.17, 0.15 ,-99 ,Sub-area E
3 ,Store the current hydrograph
1,3, 0.37, 0.15 ,-99 ,Sub-area F
4 ,Add in the last stored h'graph
2,3, 0.20, 0.17 ,-99 ,Sub-area G
4 ,Add in the last stored h'graph
7 ,7 Print calculated h'graph
E3 Brady St
2,3, 0.13, 0.17 ,-99 ,Sub-area H
7 ,7 Print calculated h'graph
E4 Yarra River
0 ,0 Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
0.05, 0.06, 0.05, 0.28, 0.05, 0.07, 0.06
0.06 ,-99 , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
0.45, 0.25, 0.70, 0.50, 0.80, 0.80, 0.80
0.80 ,-99 ,End of fractions imperviousness

```
John-sen.cat
Johnson St main Drain
C Created at 12:10 on 14/01/97
C  for: Gutteridge Haskins & Davey, Melbourne.  18/1/1991
C Port Phillip Flood Plain mapping
C Reach Type Flag
0                       ,More than one reach type
C The Control Vector
 1,3,  0.25,  0.07 ,-99          ,Sub-area A
3                       ,Store the current hydrograph
 1,3,  0.38,  0.10 ,-99          ,Sub-area B
 4                      ,Add in the last stored h'graph
C
C site of Ingles Rd RB ( Note check if outflow 0.1 m3/s )
C
16
Ingles St RB
1,0,10
0,0,0.1,0.1,0.2,0.11,2.5,0.12,32,0.13,
200,0.15,720,0.17,1891,0.20,4066,0.21,7627,20,-99
1,10
1.1,0,1.2,0.1,1.3,0.2,1.4,2.5,1.5,32,
1.6,200,1.7,720,1.8,1891,1.9,4066,2.0,7627,-99
C
7                       ,7  Print calculated h'graph
E1  Boundary Rd
 2,3,  0.32,  0.10 ,-99          ,Sub-area C
3                       ,Store the current hydrograph
 1,3,  0.40,  0.10 ,-99          ,Sub-area D
7                       ,7  Print calculated h'graph
E2 Railway
 2,3,  0.17,  0.15 ,-99          ,Sub-area E
3                       ,Store the current hydrograph
 1,3,  0.37,  0.15 ,-99          ,Sub-area F
 4                      ,Add in the last stored h'graph
 2,3,  0.20,  0.17 ,-99          ,Sub-area G
 4                      ,Add in the last stored h'graph
7                       ,7  Print calculated h'graph
E3 Brady St
 2,3,  0.13,  0.17 ,-99          ,Sub-area H
7                       ,7  Print calculated h'graph
E4 Yarra River
0                       ,0  Finished
C Sub-area Data
C
C Areas, km**2, of sub-areas A,B...
   0.05,  0.06,  0.05,  0.28,  0.05,  0.07,  0.06
   0.06 ,-99                    , 8 Sub-area(s)
C Impervious area flag and fractions impervious
1
   0.45,  0.25,  0.70,  0.50,  0.80,  0.80,  0.80
   0.80 ,-99                    ,End of fractions imperviousness
```

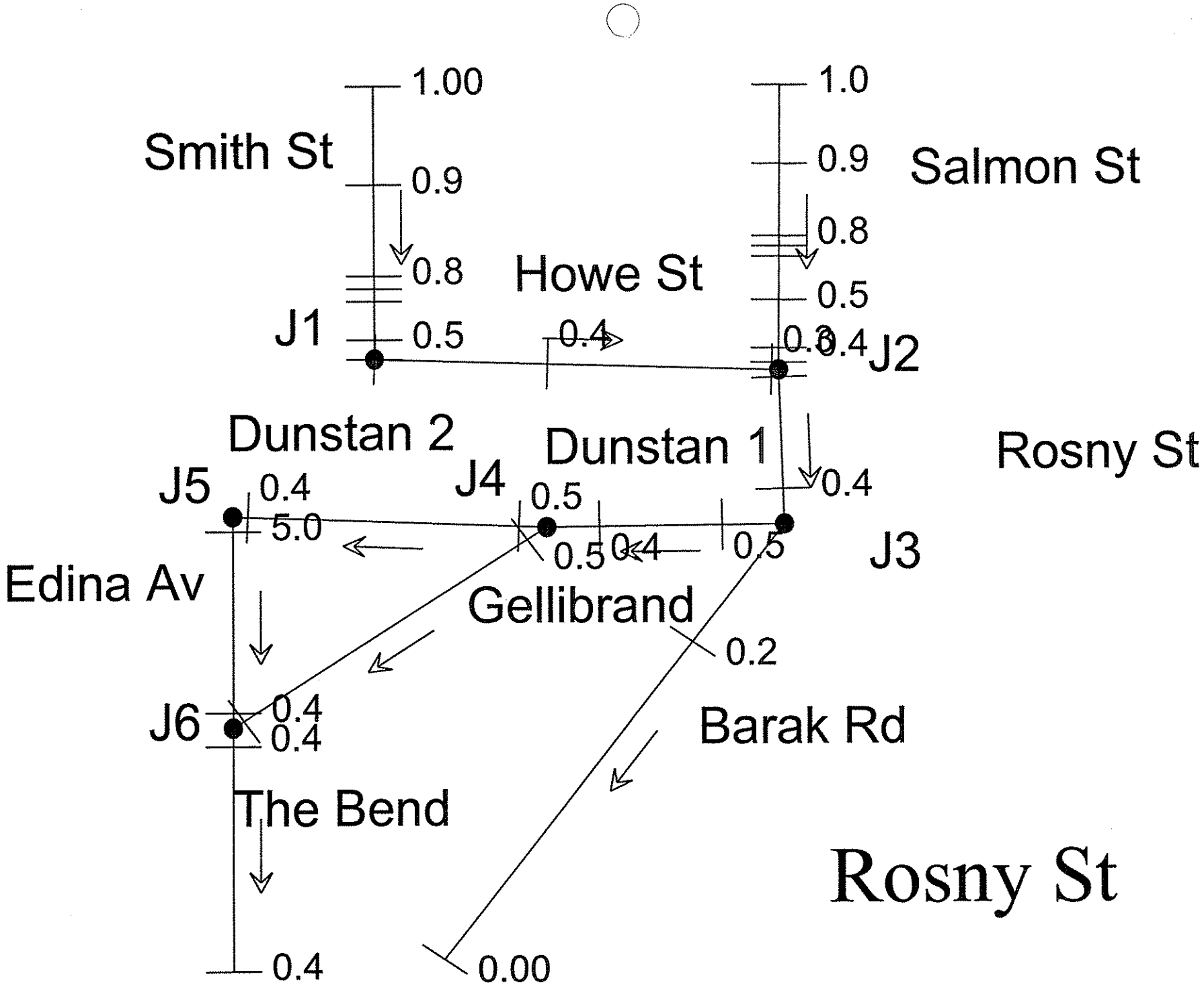
Appendix B

HEC-RAS Hydraulic Modelling Output Files

Appendix B - HEC-RAS Hydraulic Modelling Output Files

HECRAS Modelling Files

Main Drain	Project	Plan
Hanna Street	810098.prj	810098.p04
Cowderoy/Union Street	810098.prj	810098.p03
Shakespeare Grove	shakesp.prj	
- Upstream of Railway Line		shakesp.p06
- Railway Line to Barkly Street		shakesp.p05
- Barkly Street to Outlet		shakesp.p01
Rosny Street	rosney.prj	rosney.p01


1.00
Smith St
0.9
0.8
Howe St
J1
0.5
0.4
1.0
0.9
Salmon St
0.8
0.5
0.4
J2
Dunstan 2
Dunstan 1
Rosny St
J5
0.4
J4
0.5
0.4
5.0
0.5
0.4
0.5
J3
Edina Av
Gellibrand
0.2
J6
0.4
0.4
Barak Rd
The Bend
Rosny St
0.4
0.00

HEC-RAS Plan: rosny
Profile 1 100 yr

Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	Smith St	1	3.6	2.8	3.14	3.09	3.16	0.002677	0.75	4.8	112.72	0.61
2	Smith St	0.9	3.6	2.66	3.02	2.88	3.03	0.000617	0.49	7.38	380.43	0.31
3	Smith St	0.8	3.6	2.5	2.97	2.79	2.98	0.000342	0.41	8.81	736.79	0.24
4	Smith St	0.7	3.6	2.81	2.93	2.91	2.96	0.004486	0.79	4.57	707.49	0.74
5	Smith St	0.6	3.6	2.41	2.92	2.67	2.94	0.000463	0.65	5.58	671.78	0.3
7	Smith St	0.5	3.6	2.32	2.91	2.62	2.93	0.000285	0.51	7.06	710.35	0.24
8	Smith St	0.4	3.6	2.48	2.92	2.68	2.92	0.000007	0.05	67.85	712.97	0.03
14	Howe St	0.5	4.5	2.22	2.92	2.64	2.92	0.000104	0.26	17.25	173.09	0.14
6	Howe St	0.4	4.5	2.29	2.9	2.68	2.91	0.000187	0.32	14.08	408.36	0.18
12	Howe St	0.3	4.5	2.31	2.88	2.61	2.89	0.000109	0.27	16.71	1012.66	0.14
1	Salmon St	1	3.6	2.89	3.2	3.14	3.23	0.001954	0.69	5.23	242.24	0.53
2	Salmon St	0.9	3.6	2.66	3.08	2.95	3.1	0.000691	0.5	7.14	408.07	0.33
3	Salmon St	0.8	3.6	2.52	3.05	2.82	3.06	0.000213	0.35	10.29	736.79	0.19
4	Salmon St	0.7	3.6	2.81	3.03	2.95	3.05	0.001217	0.56	6.4	770	0.42
5	Salmon St	0.6	3.6	2.73	2.92	2.92	3.01	0.006828	1.32	2.72	671.78	1.01
6	Salmon St	0.5	3.6	2.31	2.89	2.64	2.91	0.000365	0.54	6.73	494.62	0.26
7	Salmon St	0.4	3.6	2.4	2.88	2.65	2.89	0.00022	0.37	41.13	709.35	0.2
8	Salmon St	0.3	3.6	2.48	2.88	2.68	2.88	0.000012	0.06	57.56	712.97	0.04
9	Rosney St	0.5	7.2	2.27	2.8	2.69	2.87	0.002143	1.23	5.84	645.57	0.63
15	Rosney St	0.4	7.2	2.12	2.67	2.54	2.74	0.001746	1.16	6.21	41.89	0.57
20	Barak Rd	0.2	4.2	1.99	2.57	2.41	2.59	0.000739	0.64	6.54	83.32	0.36
20a	Barak Rd	0	4.2	1.88	2.5	2.27	2.52	0.00051	0.58	7.3	42.36	0.3
12	Dunstan 1	0.5	3	2.15	2.68	2.38	2.69	0.000212	0.43	6.91	872	0.2
20	Dunstan 1	0.4	3	2.19	2.64	2.52	2.67	0.001137	0.72	4.18	132.42	0.43

HEC-RAS Plan: rosny
Profile 1 100 yr (continued)

Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
16	Dunstan 2	0.5	1.5	2.18	2.63	2.43	2.64	0.000321	0.36	4.14	49.64	0.23
17	Dunstan 2	0.4	1.5	2.16	2.53	2.38	2.54	0.000967	0.48	3.11	48.96	0.37
17	Edina Av	5	1.5	2.1	2.52	2.34	2.53	0.000304	0.37	4.1	48.46	0.22
18	Edina Av	0.4	1.5	1.82	2.52	2.09	2.52	0.000033	0.19	7.97	58.39	0.08
16	Gellibrand	0.5	1.5	2.06	2.54	2.33	2.55	0.000423	0.4	3.72	40.38	0.26
18	Gellibrand	0.4	1.5	1.84	2.52	2.12	2.52	0.00005	0.21	7.21	58.39	0.1
18	The Bend	0.5	3	1.84	2.51	2.2	2.52	0.000217	0.43	7.05	58.39	0.2
19	The Bend	0.4	3	1.65	2.5	1.99	2.5	0.000058	0.29	10.49	216.11	0.11

HEC-RAS Plan: rosny
Profile 2 50 yr

Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	Smith St	1	2.8	2.8	3.07	3.07	3.12	0.008081	0.98	2.87	67.97	0.98
2	Smith St	0.9	2.8	2.66	2.86	2.86	2.91	0.00901	0.99	2.84	205.51	1.41
3	Smith St	0.8	2.8	2.5	2.77	2.77	2.82	0.008844	0.98	2.86	239.27	2.26
4	Smith St	0.7	2.8	2.81	2.9	2.9	2.94	0.009217	0.88	3.16	678.71	1.38
5	Smith St	0.6	2.8	2.41	2.59	2.63	2.74	0.016894	1.72	1.63	86.97	1.49
7	Smith St	0.5	2.8	2.32	2.59	2.59	2.67	0.007688	1.24	2.26	498.11	344.43
8	Smith St	0.4	2.8	2.48	2.67	2.67	2.69	0.012319	0.58	4.79	431.87	2.81
14	Howe St	0.5	3.5	2.22	2.57	2.6	2.69	0.019879	1.52	2.31	57.46	1.53
6	Howe St	0.4	3.5	2.29	2.64	2.64	2.7	0.008349	1.1	3.19	56.95	1.09
12	Howe St	0.3	3.5	2.31	2.59	2.59	2.63	0.008638	0.96	3.66	755.78	53.24
1	Salmon St	1	2.8	2.89	3.12	3.12	3.17	0.008101	0.99	2.83	103.29	0.98
2	Salmon St	0.9	2.8	2.66	2.92	2.92	2.98	0.008158	1.1	2.55	272.24	1.34
3	Salmon St	0.8	2.8	2.52	2.81	2.81	2.86	0.009195	1.01	2.76	483.18	1.63
4	Salmon St	0.7	2.8	2.81	2.94	2.94	2.98	0.009032	0.93	3.02	712.83	1.47
5	Salmon St	0.6	2.8	2.73	2.89	2.89	2.97	0.007425	1.23	2.28	671.78	6.53
6	Salmon St	0.5	2.8	2.31	2.61	2.61	2.69	0.007545	1.23	2.27	135.82	29.67
7	Salmon St	0.4	2.8	2.4	2.64	2.64	2.68	0.007118	1.08	10.26	620.16	1.71
8	Salmon St	0.3	2.8	2.48	2.67	2.67	2.69	0.012319	0.58	4.79	431.87	2.81
9	Rosney St	0.5	5.8	2.27	2.65	2.65	2.78	0.006427	1.57	3.69	518.98	5.88
15	Rosney St	0.4	5.8	2.12	2.5	2.5	2.63	0.00628	1.56	3.72	34.8	16.27
20	Barak Rd	0.2	3.3	1.99	2.36	2.36	2.45	0.006934	1.32	2.5	20.57	1.27
20a	Barak Rd	0	3.3	1.88	2.24	2.24	2.33	0.007405	1.31	2.52	15.58	1.43
12	Dunstan 1	0.5	2.4	2.15	2.35	2.35	2.42	0.007824	1.17	2.05	602.07	10.27
20	Dunstan 1	0.4	2.4	2.19	2.49	2.49	2.57	0.007845	1.2	2	41.95	1.61

HEC-RAS Plan: rosny
Profile 2 50 yr (continued)

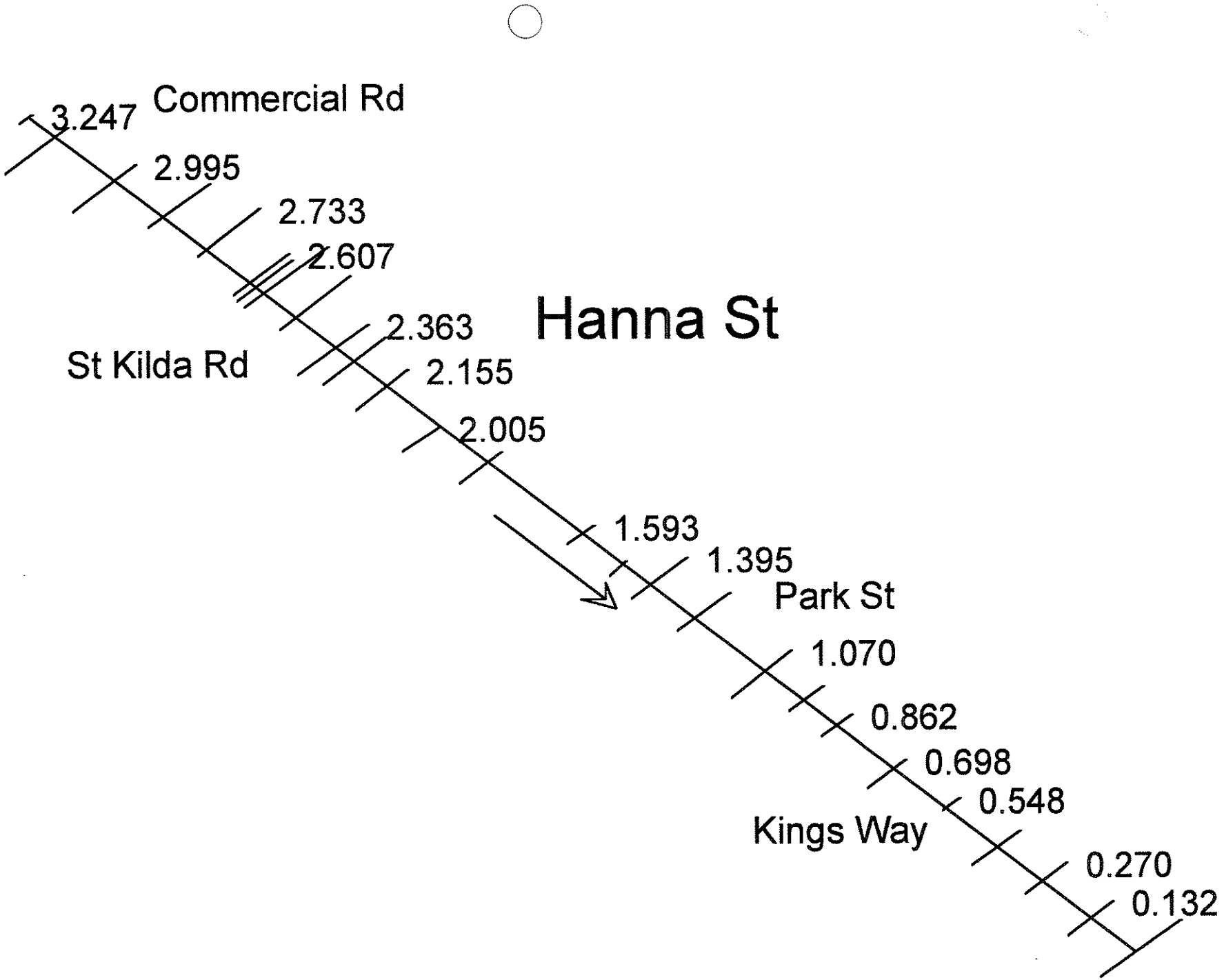
Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
16	Dunstan 2	0.5	1.2	2.18	2.4	2.4	2.47	0.007667	1.18	1.01	17.49	222.15
17	Dunstan 2	0.4	1.2	2.16	2.36	2.36	2.42	0.008039	1.13	1.07	21.52	1.37
17	Edina Av	5	1.2	2.1	2.32	2.32	2.37	0.008429	1.05	1.14	17.9	9.06
18	Edina Av	0.4	1.2	1.82	2.07	2.07	2.12	0.008393	0.93	1.29	22.07	1.71
16	Gellibrand	0.5	1.2	2.06	2.21	2.31	2.69	0.149411	3.06	0.39	7.75	3.87
18	Gellibrand	0.4	1.2	1.84	2.09	2.09	2.15	0.008169	1.12	1.07	23.59	7
18	The Bend	0.5	2.4	1.84	2.17	2.17	2.25	0.00747	1.28	1.87	43.99	83.16
19	The Bend	0.4	2.4	1.65	1.96	1.96	2.04	0.007718	1.22	1.96	38.34	1.32

HEC-RAS Plan: rosny
Profile 3 20 yr

Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	Smith St	1	1.8	2.8	3.03	3.03	3.08	0.009234	0.94	1.92	45.61	1.02
2	Smith St	0.9	1.8	2.66	2.84	2.84	2.88	0.009	0.85	2.11	126.99	1.42
3	Smith St	0.8	1.8	2.5	2.73	2.73	2.78	0.009163	0.98	1.84	117.98	2.1
4	Smith St	0.7	1.8	2.81	2.88	2.88	2.91	0.010155	0.76	2.36	659.84	1.46
5	Smith St	0.6	1.8	2.41	2.55	2.59	2.68	0.022999	1.58	1.14	32.97	1.63
7	Smith St	0.5	1.8	2.32	2.55	2.55	2.61	0.008167	1.08	1.66	394.9	3.57
8	Smith St	0.4	1.8	2.48	2.66	2.66	2.68	0.013127	0.58	3.08	348.15	2.95
14	Howe St	0.5	1.5	2.22	2.48	2.54	2.66	0.048418	1.89	0.79	18.09	2.25
6	Howe St	0.4	1.5	2.29	2.57	2.57	2.62	0.009216	0.96	1.57	36.79	1.32
12	Howe St	0.3	1.5	2.31	2.52	2.52	2.56	0.009352	0.91	1.65	681.28	9286.6
1	Salmon St	1	1.8	2.89	3.09	3.09	3.13	0.009842	0.91	1.98	79.38	1.04
2	Salmon St	0.9	1.8	2.66	2.88	2.88	2.94	0.008952	1.01	1.78	226.57	1.44
3	Salmon St	0.8	1.8	2.52	2.77	2.77	2.82	0.008619	0.98	1.83	218.84	1.74
4	Salmon St	0.7	1.8	2.81	2.92	2.92	2.95	0.010093	0.8	2.24	694.02	1.61
5	Salmon St	0.6	1.8	2.73	2.76	2.85	5.01	3.730923	6.65	0.27	594.43	15.79
6	Salmon St	0.5	1.8	2.31	2.57	2.57	2.63	0.008005	1.1	1.64	124.74	14.93
7	Salmon St	0.4	1.8	2.4	2.61	2.61	2.65	0.006315	0.97	6.76	542.38	1.76
8	Salmon St	0.3	1.8	2.48	2.66	2.66	2.68	0.013127	0.58	3.08	348.15	2.95
9	Rosney St	0.5	3.8	2.27	2.59	2.59	2.69	0.007119	1.37	2.78	155.27	7.15
15	Rosney St	0.4	3.8	2.12	2.44	2.44	2.53	0.006829	1.37	2.76	17.12	1.22
20	Barak Rd	0.2	2.2	1.99	2.3	2.3	2.38	0.007293	1.23	1.78	17.21	1.33
20a	Barak Rd	0	2.2	1.88	2.2	2.2	2.27	0.008257	1.16	1.89	14.55	1.07
12	Dunstan 1	0.5	1.5	2.15	2.32	2.32	2.37	0.008743	1	1.49	598.36	6.66
20	Dunstan 1	0.4	1.5	2.19	2.44	2.44	2.51	0.00808	1.11	1.36	33.57	1.61

HEC-RAS Plan: rosny
Profile 3 20 yr (continued)

Section No	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
16	Dunstan 2	0.5	0.75	2.18	2.36	2.36	2.41	0.008623	1.04	0.72	15.17	1.59
17	Dunstan 2	0.4	0.75	2.16	2.32	2.32	2.37	0.008753	1	0.75	18.24	1.44
17	Edina Av	5	0.75	2.1	2.28	2.28	2.32	0.009122	0.96	0.78	15.73	78.75
18	Edina Av	0.4	0.75	1.82	2.04	2.04	2.08	0.009021	0.83	0.9	19.15	1.72
16	Gellibrand	0.5	0.75	2.06	2.26	2.26	2.32	0.008595	1.05	0.72	10.93	8.11
18	Gellibrand	0.4	0.75	1.84	2.05	2.05	2.1	0.008778	1.02	0.74	19.83	1.46
18	The Bend	0.5	1.5	1.84	2.12	2.12	2.18	0.007831	1.15	1.3	25.68	516.63
19	The Bend	0.4	1.5	1.65	1.91	1.91	1.97	0.008098	1.13	1.33	26.57	1.3


Commercial Rd
3.247
2.995
2.733
2.607
Hanna St
2.363
St Kilda Rd
2.155
2.005
1.593
1.395
Park St
1.070
0.862
0.698
0.548
Kings Way
0.270
0.132

HEC-RAS Plan: Hanna St ROR Reach: Hanna St
Profile 1 100 yr ARI

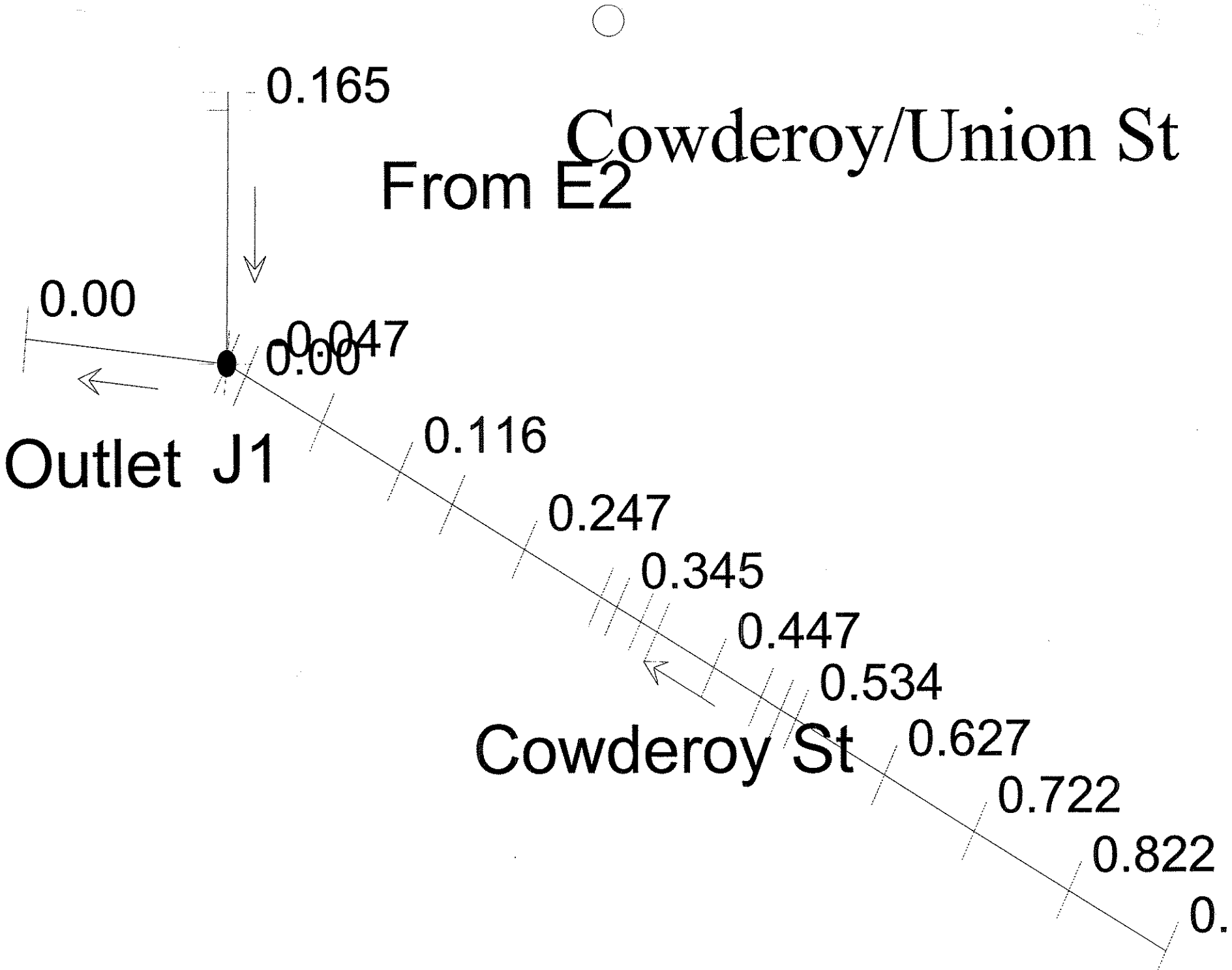
Section No.	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	3.247	4.1	7.9	8.22	8.18	8.3	0.003496	1.21	3.4	18.97	0.75
2	3.166	4.1	7.67	8.03	7.94	8.07	0.00209	0.98	4.2	273.46	0.59
3	2.995	4.1	7.07	7.37	7.37	7.48	0.00662	1.49	2.75	227.63	1.01
4	2.858	4.1	5.9	6.23	6.23	6.33	0.00689	1.41	2.92	293.01	1.01
5	2.733	5.4	5.39	6.01	5.84	6.05	0.001028	0.88	6.13	333.66	0.44
6	2.607	5.4	5.4	5.68	5.68	5.78	0.006965	1.39	3.87	86.87	1.01
7	2.592	5.4	5.37	5.58	5.58	5.65	0.007749	1.17	4.62	89.85	1.01
8	2.563	5.4	4.84	5.22	5.22	5.31	0.007276	1.34	4.04	57.39	1.08
9	2.473	5.4	4.2	4.54	4.54	4.64	0.006807	1.38	3.9	118.78	1.02
10	2.363	5.3	4.63	4.4		4.4	0.000345		38.65	204.27	0
11	2.308	5.3	3.75	4.39	3.92	4.4	0.00001	0.09	60.34	168.37	0.04
12	2.155	5.3	3.87	4.39	4.02	4.39	0.000174	0.15	35.34	177.41	0.08
13	2.005	5.3	3.21	4.35	4.06	4.35	0.000401	0.18	29.23	166.17	0.11
14a	1.945	1	4	4.32		4.33	0.001728	0.37	2.69	10.03	0.23
14	1.868	1	3.18	3.89	3.89	3.94	0.043243	1	1	140.02	1.01
15	1.593	5	2.52	3.16	3.08	3.18	0.001398	0.63	7.9	39.95	0.45
16	1.475	5	2.06	2.97	2.81	3.01	0.001561	0.82	6.46	71.67	0.5
17	1.395	8.7	2.22	2.63	2.63	2.72	0.00694	1.32	6.57	160.6	1.01
18	1.268	8.7	1.6	2.54	1.98	2.54	0.000049	0.26	32.86	281.03	0.1
19	1.07	1	2.39	2.52		2.53	0.002408	0.4	2.51	94.17	0.5
20	0.957	4	1.25	1.95	1.66	1.95	0.000173	0.31	12.97	140.59	0.17
21	0.862	8	1.1	1.93	1.59	1.94	0.000179	0.39	20.36	110.65	0.19
22	0.698	11.6	1.3	1.82	1.69	1.86	0.00135	0.91	12.81	146.26	0.49
23	0.548	11.6	0.85	1.74	1.44	1.76	0.000358	0.56	20.66	108.4	0.26
24	0.401	11.6	0.77	1.71	1.3	1.72	0.000185	0.48	24.02	268.26	0.2
25	0.27	11.6	0.8	1.68	1.32	1.69	0.000253	0.53	21.88	242.54	0.23
26	0.132	11.6	0.9	1.58	1.35	1.63	0.000943	0.97	11.96	251.62	0.43
27	0	11.6	0.99	1.27	1.27	1.35	0.007558	1.24	9.39	259.57	1.01

HEC-RAS Plan: Hanna St ROR Reach: Hanna St
Profile 2 50 yr ARI

Section No.	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	3.247	2.4	7.9	8.15	8.11	8.2	0.003589	0.98	2.44	17.39	0.72
2	3.166	2.4	7.67	7.95	7.88	7.98	0.002022	0.78	3.07	260.16	0.55
3	2.995	2.4	7.07	7.29	7.29	7.38	0.007396	1.27	1.89	212.05	1.01
4	2.858	2.4	5.9	6.15	6.15	6.23	0.007445	1.25	1.92	278.82	1.01
5	2.733	3.7	5.39	5.94	5.78	5.97	0.000929	0.73	5.04	327.07	0.4
6	2.607	3.7	5.4	5.64	5.64	5.71	0.006858	1.19	3.1	83.33	0.97
7	2.592	3.7	5.37	5.54	5.54	5.6	0.007761	1.05	3.53	77.24	0.98
8	2.563	3.7	4.84	5.18	5.18	5.25	0.007661	1.17	3.17	45.1	1
9	2.473	3.7	4.2	4.5	4.5	4.58	0.007292	1.22	3.04	101.61	1
10	2.363	3	4.63	4.36		4.36	0.000222		30.8	196.5	0
11	2.308	3	3.75	4.36	3.89	4.36	0.000004	0.05	54.84	159.46	0.03
12	2.155	3	3.87	4.36	3.99	4.36	0.000078	0.09	31.84	169.86	0.05
13	2.005	3	3.21	4.34	3.98	4.34	0.000149	0.11	27.68	162.32	0.07
14a	1.945	1	4	4.32		4.33	0.001728	0.37	2.69	10.03	0.23
14	1.868	1	3.18	3.89	3.89	3.94	0.043243	1	1	140.02	1.01
15	1.593	5	2.52	3.16	3.08	3.18	0.001438	0.64	7.83	39.89	0.46
16	1.475	5	2.06	2.94	2.81	2.99	0.001942	0.92	5.7	67.98	0.56
17	1.395	6.9	2.22	2.6	2.6	2.68	0.007196	1.28	5.37	151.68	1.02
18	1.268	6.9	1.6	2.49	1.95	2.49	0.00004	0.23	30.36	266.22	0.09
19	1.07	0.5	2.39	2.46	2.46	2.48	0.010841	0.64	0.78	35.88	6.03
20	0.957	2.7	1.25	1.86	1.62	1.87	0.000195	0.28	9.55	118.92	0.18
21	0.862	5.4	1.1	1.84	1.54	1.85	0.000165	0.33	16.5	79.84	0.17
22	0.698	8.1	1.3	1.73	1.64	1.77	0.001656	0.83	9.71	139.91	0.52
23	0.548	8.1	0.85	1.64	1.38	1.66	0.000389	0.5	16.26	108.4	0.26
24	0.401	8.1	0.77	1.61	1.24	1.62	0.000161	0.4	20.18	265.29	0.18
25	0.27	8.1	0.8	1.58	1.27	1.59	0.000228	0.45	18.19	228.67	0.21
26	0.132	8.1	0.9	1.51	1.29	1.54	0.000738	0.78	10.35	245.09	0.37
27	0	8.1	0.99	1.24	1.24	1.3	0.008252	1.1	7.37	246.35	1.02

HEC-RAS Plan: Hanna St ROR Reach: Hanna St
Profile 3 20 yr ARI

Section No.	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
1	3.247	0.8	7.9	8.06	8.03	8.08	0.003653	0.64	1.26	13.86	0.65
2	3.166	0.8	7.67	7.85	7.81	7.86	0.00207	0.51	1.58	205.49	0.5
3	2.995	0.8	7.07	7.21	7.2	7.25	0.007814	0.86	0.93	188.42	0.94
4	2.858	0.8	5.9	6.05	6.05	6.1	0.008948	0.95	0.84	263.28	1.01
5	2.733	1.7	5.39	5.82	5.69	5.83	0.000819	0.52	3.27	314.79	0.35
6	2.607	1.7	5.4	5.59	5.57	5.62	0.004875	0.79	2.15	76.68	0.77
7	2.592	1.7	5.37	5.49	5.49	5.52	0.009282	0.86	1.97	64.24	1
8	2.563	1.7	4.84	5.12	5.12	5.16	0.006507	0.86	1.98	25.09	0.87
9	2.473	1.7	4.2	4.43	4.43	4.48	0.009025	0.98	1.74	75.65	1.02
10	2.363	1.5	4.63	4.33		4.33	0.000092		26.17	192.26	0
11	2.308	1.5	3.75	4.33	3.86	4.33	0.000001	0.03	51.57	156.81	0.02
12	2.155	1.5	3.87	4.33	3.96	4.33	0.000024	0.05	29.71	162.49	0.03
13	2.005	1.5	3.21	4.33	3.91	4.33	0.000042	0.06	26.46	159.17	0.04
14a	1.945	1	4	4.31		4.32	0.001824	0.38	2.65	10.03	0.23
14	1.868	1	3.18	3.9	3.89	3.94	0.029322	0.89	1.13	140.51	0.84
15	1.593	3.2	2.52	3.1	3.03	3.11	0.002022	0.6	5.31	38.02	0.52
16	1.475	3.2	2.06	2.85	2.74	2.89	0.001785	0.84	3.89	59.25	0.53
17	1.395	3.9	2.22	2.53	2.53	2.6	0.007998	1.16	3.36	133.79	1.02
18	1.268	3.9	1.6	2.48	1.89	2.48	0.000013	0.13	30.17	265.1	0.05
19	1.07	0.5	2.39	2.46	2.46	2.48	0.010841	0.64	0.78	35.88	6.03
20	0.957	1.5	1.25	1.76	1.54	1.76	0.000205	0.25	6.11	85.83	0.17
21	0.862	3	1.1	1.74	1.47	1.74	0.00014	0.25	11.97	59.58	0.15
22	0.698	4.5	1.3	1.63	1.59	1.66	0.002462	0.74	6.06	119.75	0.59
23	0.548	4.5	0.85	1.51	1.31	1.52	0.000454	0.43	10.53	88.34	0.27
24	0.401	4.5	0.77	1.49	1.17	1.49	0.00013	0.3	15.15	257.61	0.15
25	0.27	4.5	0.8	1.46	1.21	1.47	0.000198	0.34	13.35	173.47	0.19
26	0.132	4.5	0.9	1.41	1.21	1.43	0.000512	0.56	8.09	237.6	0.3
27	0	4.5	0.99	1.2	1.2	1.24	0.009416	0.9	4.98	218.91	1.02


0.165
Cowderoy/Union St
From E2
0.00
0.047
0.00
Outlet J1
0.116
0.247
0.345
0.447
0.534
Cowderoy St
0.627
0.722
0.822
0.

HEC-RAS Plan: Cowd/Union
Profile 1 100yr

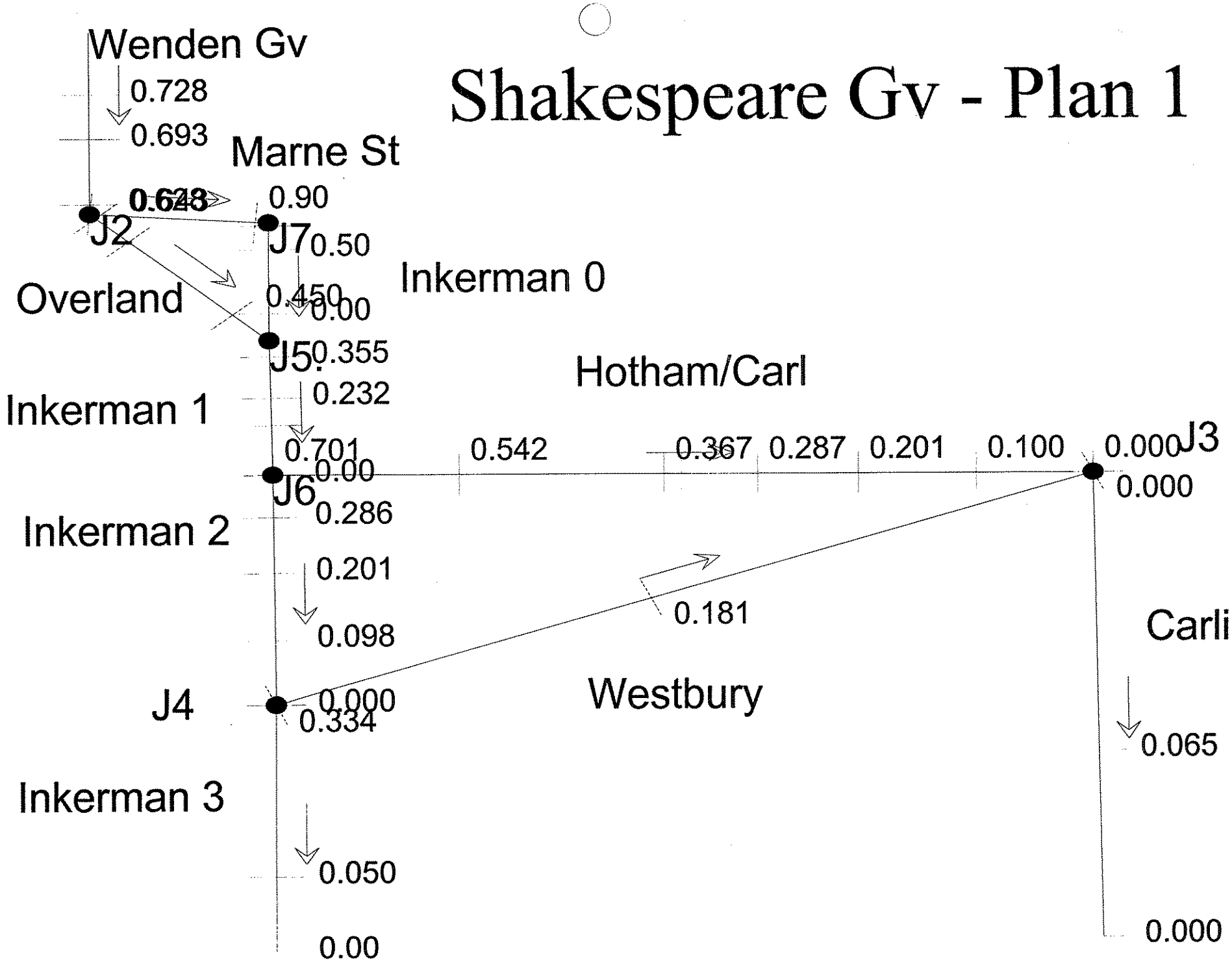
Section No.	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
19	From E2	0.165	2.4	4.83	5.01	5.01	5.05	0.008974	0.92	2.62	93.75	1
20	From E2	0.07	2.4	4.05	4.4	4.22	4.4	0.000183	0.27	8.96	112.65	0.17
18	From E2	0	2.4	4.04	4.38		4.38	0.000666	0.15	15.99	119.34	0.13
1	Cowderoy St	0.925	3.2	12.96	13.27	13.27	13.36	0.006716	1.37	2.33	95.47	1.01
2	Cowderoy St	0.822	4.2	11.71	12.06	12.06	12.18	0.006726	1.48	2.84	44.27	1.01
3	Cowderoy St	0.722	5.2	10.82	11.31	11.31	11.45	0.00619	1.62	3.2	44.57	1
4	Cowderoy St	0.627	6.2	10	10.53	10.53	10.69	0.006009	1.78	3.47	56.02	1.01
5	Cowderoy St	0.534	7.2	9.27	9.89	9.66	9.95	0.000978	1.07	6.76	196.08	0.45
6	Cowderoy St	0.518	7.2	9.42	9.77	9.77	9.91	0.006081	1.69	4.27	104.73	1.01
7	Cowderoy St	0.497	7.2	8.99	9.4	9.4	9.54	0.006106	1.68	4.28	115.13	1
8	Cowderoy St	0.447	7.2	7.91	8.37	8.37	8.52	0.006009	1.68	4.29	73.08	1
9	Cowderoy St	0.387	7.2	6.95	7.37	7.37	7.5	0.006322	1.55	4.64	189.9	1
10a	Cowderoy St	0.37	7.2	6.83	7.16	7.16	7.28	0.006503	1.53	4.69	198.9	1.01
11a	Cowderoy St	0.345	7.2	6.59	6.87	6.87	6.98	0.006698	1.46	4.94	196.95	1.01
12a	Cowderoy St	0.328	7.2	6.26	6.48	6.48	6.56	0.007223	1.3	5.56	214.78	1.01
13a	Cowderoy St	0.247	7.2	4.91	5.18	5.18	5.28	0.007123	1.34	5.37	191.8	1.01
14	Cowderoy St	0.171	7.2	4.07	4.45	4.4	4.52	0.003361	1.15	6.28	55.28	0.73
15	Cowderoy St	0.116	7.2	3.77	4.42	4.21	4.44	0.000583	0.57	12.6	81.07	0.32
16a	Cowderoy St	0.034	9.1	3.37	4.43	3.87	4.43	0.000019	0.17	89.25	136.16	0.06
17a	Cowderoy St	-0.047	9.1	3.97	4.41	4.25	4.42	0.000804	0.52	17.39	152.49	0.35
18	Cowderoy St	-0.06	9.1	4.04	4.36		4.38	0.014472	0.65	14.03	117.37	0.6
18	Outlet	0.01	5.8	4.04	4.37		4.38	0.004661	0.38	15.2	120.42	0.34
18	Outlet	0	5.8	4.04	4.37	4.26	4.38	0.004662	0.38	15.2	120.43	0.34

HEC-RAS Plan: Cowd/Union
Profile 2 50 yr ARI

Section No.	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
19	From E2	0.165	1.6	4.83	4.98	4.98	5.02	0.009712	0.85	1.87	89.03	1.01
20	From E2	0.07	1.6	4.05	4.32	4.2	4.32	0.000278	0.26	6.2	101.03	0.2
18	From E2	0	1.6	4.04	4.28		4.28	0.001968	0.23	6.95	61.47	0.22
1	Cowderoy St	0.925	2	12.96	13.21	13.21	13.28	0.007643	1.21	1.65	85.79	1.01
2	Cowderoy St	0.822	2.83	11.71	12.01	12.01	12.1	0.007451	1.3	2.17	41.27	1.02
3	Cowderoy St	0.722	3.65	10.82	11.26	11.26	11.36	0.006682	1.44	2.53	39.29	1
4	Cowderoy St	0.627	4.47	10	10.47	10.47	10.6	0.006281	1.59	2.82	41.87	1.01
5	Cowderoy St	0.534	5.3	9.27	9.83	9.6	9.87	0.000805	0.89	5.96	191.27	0.4
6	Cowderoy St	0.518	5.3	9.42	9.71	9.71	9.83	0.006521	1.52	3.48	88.76	1.01
7	Cowderoy St	0.497	5.3	8.99	9.34	9.34	9.46	0.006629	1.53	3.47	85.26	1.01
8	Cowderoy St	0.447	5.3	7.91	8.32	8.32	8.44	0.006444	1.52	3.5	68.61	1
9	Cowderoy St	0.387	5.3	6.95	7.33	7.33	7.43	0.006763	1.4	3.79	184.56	1
10a	Cowderoy St	0.37	5.3	6.83	7.12	7.12	7.22	0.006963	1.39	3.83	196.7	1.01
11a	Cowderoy St	0.345	5.3	6.59	6.83	6.83	6.92	0.007187	1.32	4.01	196.83	1.01
12a	Cowderoy St	0.328	5.3	6.26	6.45	6.45	6.52	0.007692	1.17	4.54	213.66	1.01
13a	Cowderoy St	0.247	5.3	4.91	5.15	5.15	5.23	0.007306	1.19	4.44	189.9	1
14	Cowderoy St	0.171	5.3	4.07	4.41	4.36	4.46	0.003282	1.02	5.22	54.75	0.7
15	Cowderoy St	0.116	5.3	3.77	4.38	4.16	4.39	0.000461	0.48	11.11	77.1	0.28
16a	Cowderoy St	0.034	6.5	3.37	4.38	3.82	4.38	0.000042	0.25	26.22	134.3	0.1
17a	Cowderoy St	-0.047	6.5	3.97	4.36	4.2	4.37	0.000784	0.47	13.88	146.8	0.34
18	Cowderoy St	-0.06	6.5	4.04	4.26	4.26	4.32	0.044034	1.07	6.06	54.88	1.03
18	Outlet	0.01	1.2	4.04	4.28		4.28	0.001093	0.17	7	62.01	0.16
18	Outlet	0	1.2	4.04	4.37	4.17	4.37	0.0002	0.08	15.2	120.43	0.07

HEC-RAS Plan: Cowd/Union
Profile 3 20 yr ARI

Section No.	Reach	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
19	From E2	0.165	0.7	4.83	4.94	4.94	4.97	0.010844	0.72	0.97	81.72	1.01
20	From E2	0.07	0.7	4.05	4.25	4.16	4.25	0.000332	0.2	3.58	86.09	0.2
18	From E2	0	0.7	4.04	4.15	4.15	4.17	0.060092	0.66	1.07	25.42	1.02
1	Cowderoy St	0.925	0.7	12.96	13.12	13.12	13.16	0.008766	0.9	0.78	70.36	0.99
2	Cowderoy St	0.822	1.32	11.71	11.95	11.95	12	0.0073	0.95	1.39	37.01	0.93
3	Cowderoy St	0.722	1.95	10.82	11.18	11.18	11.25	0.007611	1.17	1.67	32.51	1
4	Cowderoy St	0.627	2.58	10	10.39	10.39	10.48	0.007008	1.32	1.96	29.59	0.59
5	Cowderoy St	0.534	3.2	9.27	9.73	9.52	9.76	0.000589	0.66	4.84	180.63	0.33
6	Cowderoy St	0.518	3.2	9.42	9.63	9.63	9.73	0.007044	1.35	2.38	50.23	1.01
7	Cowderoy St	0.497	3.2	8.99	9.28	9.28	9.36	0.007483	1.29	2.47	69.18	1.01
8	Cowderoy St	0.447	3.2	7.91	8.25	8.25	8.34	0.007226	1.28	2.5	61.89	1.02
9	Cowderoy St	0.387	3.2	6.95	7.27	7.27	7.34	0.007648	1.19	2.7	181.67	1.01
10a	Cowderoy St	0.37	3.2	6.83	7.07	7.07	7.14	0.007905	1.18	2.72	193.89	1.02
11a	Cowderoy St	0.345	3.2	6.59	6.78	6.78	6.84	0.007877	1.14	2.81	195.4	1.01
12a	Cowderoy St	0.328	3.2	6.26	6.41	6.41	6.46	0.008593	0.99	3.24	210.18	1
13a	Cowderoy St	0.247	3.2	4.91	5.11	5.11	5.16	0.008235	1.01	3.16	187.63	1
14	Cowderoy St	0.171	3.2	4.07	4.34	4.3	4.38	0.003861	0.91	3.53	52.43	0.73
15	Cowderoy St	0.116	3.2	3.77	4.31	4.07	4.32	0.000361	0.37	8.57	69.42	0.24
16a	Cowderoy St	0.034	3.6	3.37	4.31	3.73	4.31	0.000018	0.15	23.57	126	0.06
17a	Cowderoy St	-0.047	3.6	3.97	4.3	4.14	4.31	0.000626	0.37	9.85	137.29	0.29
18	Cowderoy St	-0.06	3.6	4.04	4.22	4.22	4.27	0.048174	0.9	3.99	50.19	1.02
18	Outlet	0.01	0.1	4.04	4.09	4.09	4.11	0.06565	0.52	0.19	7.11	1531.5
18	Outlet	0	0.1	4.04	4.37	4.09	4.37	0.000001	0.01	15.2	120.43	0.01


Shakespeare Gv - Plan 1
Wenden Gv
0.728
0.693
Marne St
0.623
0.90
J2
J7
0.50
Inkerman 0
Overland
0.450
0.00
J5
0.355
Hotham/Carl
Inkerman 1
0.232
0.701
0.542
0.367
0.287
0.201
0.100
0.000
J3
0.00
J6
0.000
Inkerman 2
0.286
0.201
0.181
0.098
Carli
J4
0.000
0.334
Westbury
0.065
Inkerman 3
0.050
0.000
0.00

HEC-RAS Shakespeare Gv: Plan 1
profile 1 100yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Wenden Gv	1	0.862	11.3	28.4	28.98	28.98	29.18	0.005425	1.95	5.79	43.8	1
Wenden Gv	2a	0.728	11.3	24.99	26.72	25.58	26.74	0.000098	0.69	16.43	106.78	0.17
Wenden Gv	2b	0.693	11.3	24.43	25.92	25.92	26.66	0.003449	3.82	2.96	52	1
Wenden Gv	2c	0.643	11.3	23.4	24.88	24.88	25.62	0.003441	3.81	2.96	52	1
Marne St	36	1	5.3	23.06	23.69	23.45	23.72	0.00061	0.75	7.1	47.52	0.35
Marne St	37	0.9	5.3	23.1	23.5	23.5	23.62	0.00645	1.52	3.5	61.04	1
Inkerman 0	37b	1	5.3	23	23.22	23.22	23.31	0.006918	1.33	3.98	26	1
Inkerman 0	3a	0.5	5.3	21.86	22.21	22.21	22.3	0.007178	1.37	3.87	66.53	1.01
Inkerman 0	4a	0	5.3	20.69	21.03	21.03	21.14	0.006802	1.47	3.62	139.2	1.01
Overland	36	0.628	6	22.89	23.58	23.42	23.66	0.091392	1.28	4.67	47.52	0.57
Overland	3a	0.585	6	22.34	22.86	22.86	23.04	0.005566	1.87	3.21	146.4	1
Overland	4a	0.45	6	20.69	21.05	21.05	21.17	0.006612	1.53	3.93	140.44	1.01
Inkerman 1	5	0.355	6	19.24	19.6	19.6	19.72	0.006577	1.53	3.93	108.92	1.01
Inkerman 1	6	0.232	6	17.71	18.07	18.07	18.19	0.006586	1.53	3.93	67.95	1.01
Inkerman 1	7	0.15	8	16.92	17.37	17.37	17.52	0.006175	1.68	4.77	83.96	1.01
Inkerman 1	8	0	9.4	15.2	15.57	15.57	15.73	0.005745	1.75	5.36	446.18	1
Inkerman 2	8	0.351	7.5	15.2	15.53	15.53	15.66	0.006118	1.63	4.59	446.18	1
Inkerman 2	9	0.286	7.5	14.17	14.6	14.6	14.74	0.005985	1.62	4.62	434.6	1
Inkerman 2	10	0.201	4.8	13.04	13.39	13.39	13.5	0.006641	1.43	3.35	524.63	1
Inkerman 2	11	0.098	4.8	11.64	11.96	11.96	12.06	0.007054	1.39	3.44	566.53	1.02
Inkerman 2	12	0	4.8	10.55	10.84	10.84	10.94	0.007006	1.39	3.45	578.91	1.01
Inkerman 3	12	0.162	4.4	10.55	10.83	10.83	10.92	0.007129	1.35	3.26	575.4	1.01
Inkerman 3	13	0.05	2.8	9.31	9.69	9.69	9.77	0.007549	1.28	2.19	597.01	1.02
Inkerman 3	14	0	2.8	8.9	9.26	9.26	9.34	0.007505	1.26	2.23	43.23	1

HEC-RAS Shakespeare Gv: Plan 1
profile 1 100yr ARI (continued)

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Westbury	35	0.334	4.4	10.35	10.71	10.71	10.79	0.007009	1.29	3.42	831.55	0.99
Westbury	34	0.181	4.4	9.11	9.44	9.44	9.53	0.007038	1.32	3.34	488.72	1
Westbury	33	0	4.4	8.24	8.76	8.51	8.78	0.000441	0.61	7.16	776.08	0.29
Hotham/Carl	35	0.701	1.9	14.95	15.29	15.29	15.36	0.007408	1.17	1.62	1195.12	1.01
Hotham/Carl	34	0.542	1.9	13.75	14.06	14.06	14.14	0.007453	1.27	1.5	857.06	1.01
Hotham/Carl	33	0.367	1.9	12.73	13.12	12.94	13.14	0.000538	0.56	3.38	1114.37	0.31
Hotham/Carl	8	0.352	3.9	12.77	13.01	13.01	13.1	0.006673	1.36	2.87	51.19	1.01
Hotham/Carl	9	0.287	3.9	11.79	12.07	12.07	12.17	0.0069	1.41	2.77	20.03	1.01
Hotham/Carl	10	0.201	3.9	10.74	10.97	10.97	11.05	0.007277	1.24	3.14	180.37	1
Hotham/Carl	11	0.1	3.9	9.37	9.58	9.58	9.68	0.00689	1.37	2.85	265.58	1
Hotham/Carl	12	0	3.9	8.26	8.76	8.49	8.78	0.000339	0.55	7.03	298.22	0.26
Carlisle	12	0.162	8.3	8.25	8.61	8.61	8.77	0.005872	1.77	4.7	263.06	1.01
Carlisle	13	0.065	9	7.3	7.66	7.66	7.82	0.005714	1.81	4.97	332.07	1
Carlisle	14	0	9	6.61	7.03	7.03	7.18	0.00634	1.69	5.32	27.45	1.01

HEC-RAS Shakespeare Gv: Plan 1
profile 2 50yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Wenden Gv	1	0.862	9.7	28.4	28.94	28.94	29.12	0.005716	1.86	5.2	42.88	1.01
Wenden Gv	2a	0.728	9.7	24.99	26.5	25.53	26.52	0.000117	0.68	14.23	97.57	0.18
Wenden Gv	2b	0.693	9.7	24.43	25.78	25.78	26.45	0.003573	3.63	2.67	52	1
Wenden Gv	2c	0.643	9.7	23.4	24.74	24.74	25.41	0.00356	3.62	2.68	52	1
Marne St	36	1	4.3	23.06	23.65	23.42	23.67	0.000568	0.67	6.39	47.52	0.33
Marne St	37	0.9	4.3	23.1	23.46	23.46	23.57	0.006386	1.51	2.85	56.76	1
Inkerman 0	37b	1	4.3	23	23.19	23.19	23.27	0.007333	1.25	3.44	25.77	1
Inkerman 0	3a	0.5	4.3	21.86	22.19	22.19	22.27	0.007247	1.26	3.4	62.89	1.02
Inkerman 0	4a	0	4.3	20.69	21	21	21.1	0.007044	1.38	3.11	134.53	1.01
Overland	36	0.628	5.4	22.89	23.56	23.39	23.64	0.082011	1.19	4.53	47.52	0.54
Overland	3a	0.585	5.4	22.34	22.83	22.83	23	0.005821	1.82	2.97	144.55	1.01
Overland	4a	0.45	5.4	20.69	21.03	21.03	21.14	0.006775	1.47	3.66	139.38	1.01
Inkerman 1	5	0.355	5.4	19.24	19.59	19.59	19.7	0.006547	1.46	3.7	106.26	1
Inkerman 1	6	0.232	5.4	17.71	18.06	18.05	18.17	0.006678	1.47	3.68	66.51	1.01
Inkerman 1	7	0.15	6	16.92	17.33	17.33	17.44	0.006425	1.51	3.96	73.56	1
Inkerman 1	8	0	7	15.2	15.51	15.51	15.64	0.006164	1.59	4.39	446.18	1
Inkerman 2	8	0.351	5.6	15.2	15.48	15.48	15.59	0.006466	1.48	3.79	442.05	1
Inkerman 2	9	0.286	5.6	14.17	14.55	14.55	14.67	0.006474	1.48	3.79	432.35	0.99
Inkerman 2	10	0.201	3.6	13.04	13.35	13.35	13.44	0.007372	1.32	2.73	523.04	1.02
Inkerman 2	11	0.098	3.6	11.64	11.93	11.93	12.01	0.007564	1.27	2.84	564.4	1.02
Inkerman 2	12	0	3.6	10.55	10.81	10.81	10.89	0.007494	1.26	2.85	570.05	1.02
Inkerman 3	12	0.162	3.3	10.55	10.8	10.8	10.87	0.007642	1.23	2.69	567.93	1.02
Inkerman 3	13	0.05	2.1	9.31	9.66	9.66	9.73	0.007639	1.2	1.75	594.93	1.01
Inkerman 3	14	0	2.1	8.9	9.23	9.23	9.3	0.007763	1.14	1.84	43.07	0.99

HEC-RAS Shakespeare Gv: Plan 1
profile 2 50yr ARI (continued)

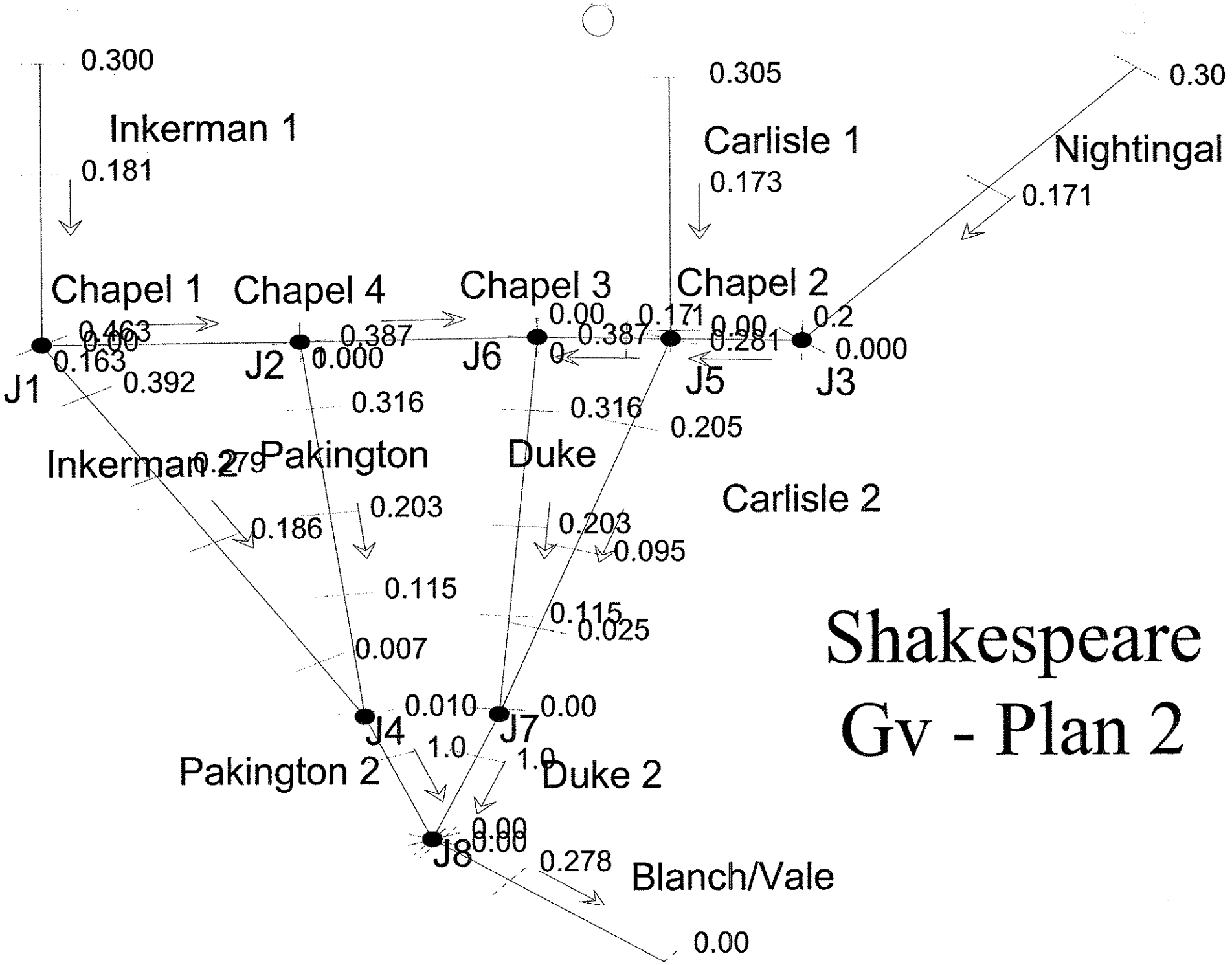
Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Westbury	35	0.334	3.3	10.35	10.67	10.67	10.75	0.007548	1.2	2.74	828.52	1
Westbury	34	0.181	3.3	9.11	9.4	9.4	9.48	0.007432	1.22	2.71	487.13	1
Westbury	33	0	3.3	8.24	8.69	8.48	8.7	0.000451	0.55	5.99	771.45	0.29
Hotham/Carl	35	0.701	1.4	14.95	15.25	15.25	15.32	0.007589	1.1	1.28	1192.12	0.98
Hotham/Carl	34	0.542	1.4	13.75	14.02	14.02	14.09	0.007714	1.19	1.18	855.35	1.01
Hotham/Carl	33	0.367	1.4	12.73	13.08	12.91	13.09	0.000461	0.48	2.95	1112.41	0.28
Hotham/Carl	8	0.352	3	12.77	12.97	12.97	13.05	0.007244	1.25	2.4	42.9	1
Hotham/Carl	9	0.287	3	11.79	12.04	12.04	12.12	0.007317	1.29	2.32	18.68	1.01
Hotham/Carl	10	0.201	3	10.74	10.95	10.95	11.01	0.007794	1.14	2.63	174.48	1
Hotham/Carl	11	0.1	3	9.37	9.55	9.55	9.63	0.007335	1.26	2.39	251.59	1.01
Hotham/Carl	12	0	3	8.26	8.69	8.46	8.7	0.000358	0.51	5.9	286.41	0.26
Carlisle	12	0.162	6.4	8.25	8.56	8.56	8.69	0.006205	1.62	3.96	253.4	1.01
Carlisle	13	0.065	6.9	7.3	7.6	7.6	7.74	0.005981	1.65	4.18	325.99	0.99
Carlisle	14	0	6.9	6.61	6.99	6.99	7.11	0.006436	1.53	4.5	27.41	0.99

HEC-RAS Shakespeare Gv: Plan 1
profile 3 20yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Wenden Gv	1	0.862	8	28.4	28.9	28.9	29.06	0.005924	1.74	4.59	42.12	1.01
Wenden Gv	2a	0.728	8	24.99	26.25	25.48	26.28	0.00015	0.68	11.76	88.27	0.2
Wenden Gv	2b	0.693	8	24.43	25.62	25.62	26.21	0.003708	3.4	2.36	52	1
Wenden Gv	2c	0.643	8	23.4	24.58	24.58	25.17	0.003695	3.39	2.36	52	1
Marne St	36	1	3.6	23.06	23.61	23.4	23.63	0.000551	0.62	5.8	47.52	0.32
Marne St	37	0.9	3.6	23.1	23.43	23.43	23.53	0.006548	1.46	2.47	55.99	1
Inkerman 0	37b	1	3.6	23	23.17	23.17	23.25	0.007599	1.19	3.03	25.19	1.01
Inkerman 0	3a	0.5	3.6	21.86	22.17	22.17	22.24	0.007584	1.19	3.02	60.03	1.02
Inkerman 0	4a	0	3.6	20.69	20.98	20.98	21.06	0.00726	1.31	2.74	129.41	1.01
Overland	36	0.628	4.4	22.89	23.51	23.35	23.57	0.078463	1.08	4.06	47.52	0.52
Overland	3a	0.585	4.4	22.34	22.79	22.79	22.94	0.005891	1.68	2.62	142.46	1
Overland	4a	0.45	4.4	20.69	21	21	21.1	0.007003	1.39	3.17	135.05	1.01
Inkerman 1	5	0.355	4.4	19.24	19.56	19.56	19.66	0.00706	1.38	3.2	100.6	1.01
Inkerman 1	6	0.232	4.4	17.71	18.03	18.03	18.12	0.007124	1.38	3.19	61.94	1.01
Inkerman 1	7	0.15	4.5	16.92	17.29	17.29	17.38	0.006883	1.38	3.27	60.06	1
Inkerman 1	8	0	4.7	15.2	15.45	15.45	15.55	0.006875	1.4	3.35	437.95	1.01
Inkerman 2	8	0.351	3.8	15.2	15.43	15.43	15.51	0.007206	1.31	2.91	434.52	1.01
Inkerman 2	9	0.286	3.8	14.17	14.5	14.5	14.59	0.007071	1.3	2.92	427.08	1
Inkerman 2	10	0.201	2.4	13.04	13.31	13.31	13.38	0.008163	1.16	2.08	521.35	1.02
Inkerman 2	11	0.098	2.4	11.64	11.89	11.89	11.95	0.007938	1.12	2.15	561.01	1.01
Inkerman 2	12	0	2.4	10.55	10.77	10.77	10.83	0.008273	1.11	2.17	565.16	1.02
Inkerman 3	12	0.162	2.1	10.55	10.76	10.76	10.82	0.008567	1.06	1.98	565.14	1.02
Inkerman 3	13	0.05	1.3	9.31	9.61	9.61	9.67	0.008079	1.05	1.23	592.91	1.03
Inkerman 3	14	0	1.3	8.9	9.19	9.19	9.24	0.008315	1.03	1.26	40.76	1

HEC-RAS Shakespeare Gv: Plan 1
profile 3 20yr ARI (continued)

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Westbury	35	0.334	2.1	10.35	10.63	10.63	10.69	0.007903	1.08	1.95	823.73	0.99
Westbury	34	0.181	2.1	9.11	9.35	9.35	9.42	0.008096	1.12	1.88	483.37	1.01
Westbury	33	0	2.1	8.24	8.59	8.43	8.6	0.000489	0.47	4.45	765.43	0.29
Hotham/Carl	35	0.701	0.9	14.95	15.22	15.21	15.26	0.007573	0.97	0.92	1189.33	0.95
Hotham/Carl	34	0.542	0.9	13.75	13.98	13.98	14.04	0.008233	1.09	0.83	853.18	1.01
Hotham/Carl	33	0.367	0.9	12.73	13.02	12.88	13.03	0.000383	0.38	2.39	1109.88	0.25
Hotham/Carl	8	0.352	2	12.77	12.94	12.94	13	0.007977	1.1	1.82	33.62	1
Hotham/Carl	9	0.287	2	11.79	12	12	12.06	0.007877	1.12	1.78	17.1	1
Hotham/Carl	10	0.201	2	10.74	10.92	10.92	10.97	0.008384	0.99	2.02	171.81	1
Hotham/Carl	11	0.1	2	9.37	9.52	9.52	9.58	0.007865	1.09	1.83	237.24	1
Hotham/Carl	12	0	2	8.26	8.59	8.42	8.6	0.00041	0.45	4.44	259	0.26
Carlisle	12	0.162	4.2	8.25	8.49	8.49	8.59	0.00689	1.41	2.98	235.29	1.01
Carlisle	13	0.065	4.5	7.3	7.54	7.54	7.64	0.006513	1.43	3.15	313.22	1.01
Carlisle	14	0	4.5	6.61	6.93	6.93	7.02	0.007133	1.34	3.36	27.36	1



Shakespeare Gv - Plan 2

HEC-RAS Shakespeare Gv: Plan 2 100yr ARI
Profile 1 100yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nightingale	14	0.307	13.2	6.17	6.94	6.94	7.25	0.005191	2.45	5.39	27.37	1
Nightingale	15	0.171	13.2	5.55	6.33	6.03	6.38	0.000654	0.94	13.97	401.34	0.38
Nightingale	16	0	13.2	5.53	5.94	5.94	6.11	0.005619	1.87	7.06	559.84	1.01
Inkerman 1	14	0.3	3.5	8.9	9.29	9.29	9.38	0.007151	1.35	2.6	43.39	1.02
Inkerman 1	15	0.181	3.5	7.97	8.24	8.24	8.33	0.007146	1.33	2.64	662.34	1.01
Inkerman 1	16	0	3.5	6.29	6.7	6.67	6.76	0.004053	1.1	3.18	629.68	0.78
Chapel 2	32	0.2	2.5	5.63	5.82	5.82	5.89	0.007817	1.17	2.14	224.31	10.36
Chapel 2	33	0.1	2.5	5.49	5.95	5.63	5.96	0.000092	0.28	8.92	412.14	0.13
Carlisle 1	14	0.305	9.5	6.61	7.19	7.05	7.26	0.001766	1.17	8.14	27.58	0.56
Carlisle 1	15	0.173	9.5	5.88	6.63	6.29	6.66	0.025573		12.34	452.69	0
Carlisle 1	16	0	9.5	5.44	5.91	5.77	5.97	0.001532	1.09	8.72	495.03	0.54
Chapel 1	35	0.163	3.3	6.31	6.54	6.54	6.61	0.007587	1.18	2.81	399.89	0.99
Chapel 1	34	0	3.3	5.25	5.95	5.45	5.95	0.000049	0.26	12.81	163.95	0.1
Chapel 3	33	0.17	5	5.49	5.94	5.69	5.96	0.000412	0.58	8.63	409.15	0.28
Chapel 3	34	0	5	5.25	5.94	5.5	5.95	0.000116	0.39	12.68	163.38	0.16
Chapel 4	34	1	0.3	5.25	5.95	5.33	5.95	0	0.02	12.86	164.15	0.01
Chapel 4	34	0	0.3	5.25	5.95	5.33	5.95	0	0.02	12.86	164.15	0.01
Duke	16	0.387	5	5.5	5.85	5.85	5.94	0.007029	1.35	3.7	472.13	1.09
Duke	17	0.316	5	4.99	5.3	5.3	5.4	0.006919	1.38	3.61	162.36	1.01
Duke	18	0.203	5	4.22	5.24	4.63	5.24	0.00006	0.33	15.03	282.28	0.12
Duke	19	0.115	5	4.07	5.23	4.52	5.24	0.000033	0.27	18.85	276.16	0.09
Duke	20	0	5	4.89	5.15	5.11	5.22	0.00386	1.18	4.23	206.35	0.78

HEC-RAS Shakespeare Gv: Plan 2 100yr ARI
Profile 1 100yr ARI (continued)

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Carlisle 2	16	0.281	7	5.44	5.76	5.73	5.85	0.004157	1.33	5.28	455.9	0.82
Carlisle 2	17	0.205	7	5.13	5.63	5.48	5.67	0.001309	0.94	7.47	436.26	0.49
Carlisle 2	18	0.095	7	4.9	5.59	5.24	5.6	0.000292	0.59	11.95	372.26	0.25
Carlisle 2	19	0.025	7	4.9	5.53	5.36	5.57	0.000979	0.84	8.31	308.97	0.43
Pakington	16	0.387	3	5.26	5.5	5.5	5.58	0.007201	1.27	2.37	265.84	1
Pakington	17	0.316	3	4.98	5.39	5.16	5.41	0.00034	0.49	6.15	202.98	0.25
Pakington	18	0.203	3	4.59	5.39	4.8	5.39	0.000046	0.28	10.63	300.9	0.1
Pakington	19	0.115	3	4.43	5.38	4.71	5.39	0.000056	0.34	8.77	300.7	0.12
Pakington	20	0.01	3	5.07	5.27	5.27	5.36	0.007258	1.29	2.33	181.33	1.01
Inkerman 2	16	0.463	2.8	6.3	6.71	6.65	6.75	0.002441	0.88	3.19	630.76	0.61
Inkerman 2	17	0.392	2.8	5.99	6.46	6.44	6.52	0.004448	1.08	2.59	570.44	0.8
Inkerman 2	18	0.279	2.8	5.68	6.24	6.13	6.26	0.001326	0.73	3.83	490.96	0.46
Inkerman 2	19	0.186	2.8	5.45	5.92	5.92	6	0.007944	1.25	2.24	402.06	1.03
Inkerman 2	20	0.007	2.8	4.9	5.18	5.02	5.18	0.000094	0.13	20.99	145.7	0.11
Duke 2	20	1	11	4.9	5.1	5.1	5.15	0.008598	0.99	11.11	112.7	1.01
Duke 2	20	0	11	4.8	5	5	5.05	0.008598	0.99	11.11	112.7	1.01
Pakington 2	20	1	5.5	4.9	5.05	5.05	5.09	0.00973	0.86	6.38	87.22	1.02
Pakington 2	20	0	5.5	4.8	5.02	4.95	5.03	0.001353	0.42	13.1	120.06	0.41
Blanch/Vale	20	0.51	14.9	4.7	5.01	4.92	5.03	0.001502	0.58	25.77	158.17	0.46
Blanch/Vale	21a	0.41	14.9	4.7	4.98	4.92	5.01	0.002089	0.71	20.9	168.54	0.55
Blanch/Vale	23	0.4	14.9	4.45	4.84	4.84	4.96	0.006488	1.55	9.59	137.25	1
Blanch/Vale	23	0.278	14.9	1.88	4.58	3.7	4.59	0.000086	0.43	34.66	169.74	0.13
Blanch/Vale	24	0	11.9	3.9	4.37	4.37	4.51	0.006107	1.69	7.03	149.25	1

HEC-RAS Shakespeare Gv: Plan 2 100yr ARI
Profile 2 50yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nightingale	14	0.307	11	6.17	6.87	6.87	7.14	0.005334	2.31	4.76	27.31	1
Nightingale	15	0.171	11	5.55	6.27	5.99	6.31	0.000627	0.87	12.68	395.16	0.36
Nightingale	16	0	11	5.53	5.9	5.9	6.05	0.00588	1.76	6.24	538	1.01
Inkerman 1	14	0.3	2.7	8.9	9.25	9.25	9.33	0.007666	1.25	2.16	43.21	1.01
Inkerman 1	15	0.181	2.7	7.97	8.22	8.22	8.29	0.007673	1.22	2.21	660	1.02
Inkerman 1	16	0	2.7	6.29	6.67	6.64	6.72	0.004129	1	2.71	627.59	0.76
Chapel 2	32	0.2	1.9	5.63	5.8	5.8	5.85	0.008111	1.07	1.78	216.24	128.35
Chapel 2	33	0.1	1.9	5.49	5.89	5.61	5.89	0.000088	0.25	7.67	400.66	0.13
Carlisle 1	14	0.305	7.2	6.61	7.11	7	7.17	0.001875	1.07	6.74	27.51	0.57
Carlisle 1	15	0.173	7.2	5.88	6.51	6.25	6.54	0.029626		9.99	419.36	0
Carlisle 1	16	0	7.2	5.44	5.86	5.72	5.9	0.001339	0.94	7.69	476.61	0.49
Chapel 1	35	0.163	2.4	6.31	6.51	6.51	6.57	0.008239	1.06	2.26	396.49	0.99
Chapel 1	34	0	2.4	5.25	5.89	5.43	5.89	0.000036	0.21	11.6	158.66	0.09
Chapel 3	33	0.17	3.5	5.49	5.88	5.65	5.89	0.000322	0.47	7.5	399.11	0.24
Chapel 3	34	0	3.5	5.25	5.88	5.46	5.89	0.000079	0.3	11.52	158.33	0.13
Chapel 4	34	1	0.2	5.25	5.89	5.32	5.89	0	0.02	11.63	158.79	0.01
Chapel 4	34	0	0.2	5.25	5.89	5.32	5.89	0	0.02	11.63	158.79	0.01
Duke	16	0.387	3.5	5.5	5.81	5.81	5.88	0.007723	1.2	2.91	460.8	1.01
Duke	17	0.316	3.5	4.99	5.26	5.26	5.34	0.007601	1.24	2.83	146.49	1.01
Duke	18	0.203	3.5	4.22	5.2	4.59	5.2	0.000035	0.25	14.26	270.05	0.09
Duke	19	0.115	3.5	4.07	5.19	4.47	5.2	0.000019	0.19	18.01	273.39	0.07
Duke	20	0	3.5	4.89	5.15	5.07	5.19	0.0018	0.82	4.29	207.42	0.53

HEC-RAS Shakespeare Gv: Plan 2
Profile 2 50yr ARI (continued)

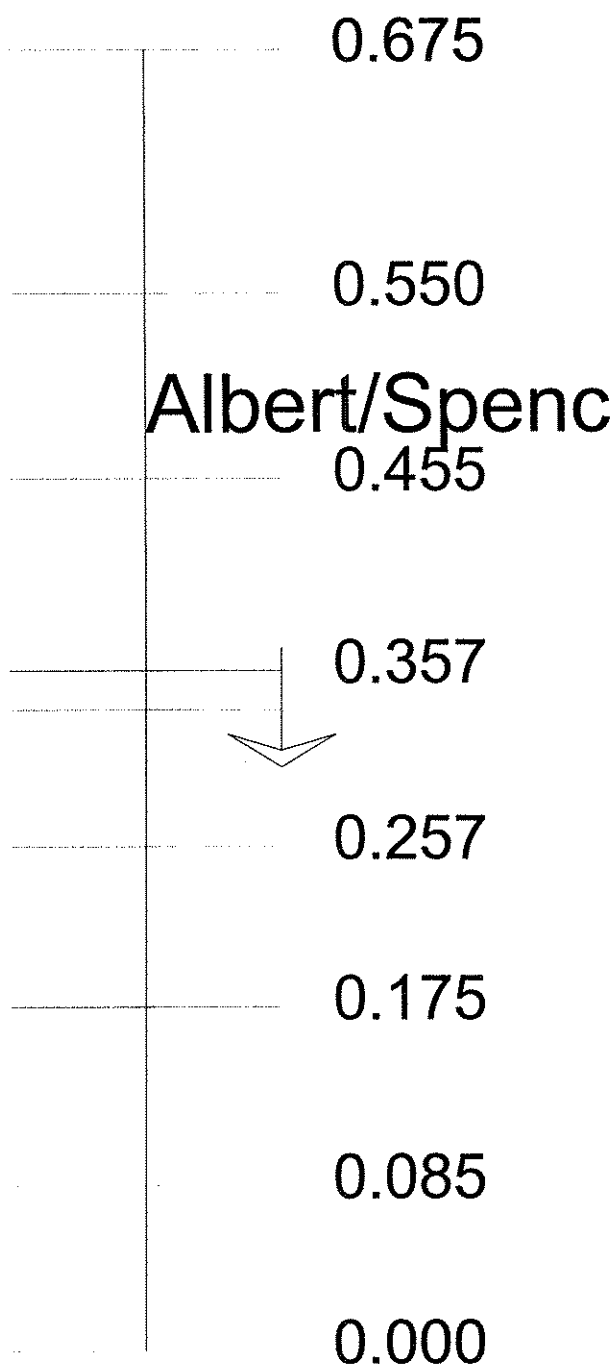
Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Carlisle 2	16	0.281	6	5.44	5.73	5.7	5.81	0.004415	1.27	4.73	439.03	0.83
Carlisle 2	17	0.205	6	5.13	5.59	5.46	5.63	0.001336	0.89	6.77	429.06	0.49
Carlisle 2	18	0.095	6	4.9	5.55	5.22	5.57	0.00026	0.53	11.27	356.54	0.23
Carlisle 2	19	0.025	6	4.9	5.51	5.34	5.54	0.000899	0.77	7.77	307.61	0.41
Pakington	16	0.387	2.2	5.26	5.46	5.46	5.53	0.00774	1.19	1.86	184.98	1.01
Pakington	17	0.316	2.2	4.98	5.34	5.13	5.34	0.000314	0.42	5.23	171.88	0.23
Pakington	18	0.203	2.2	4.59	5.33	4.76	5.33	0.000032	0.22	9.85	297.13	0.09
Pakington	19	0.115	2.2	4.43	5.33	4.67	5.33	0.000037	0.27	8.24	283.78	0.09
Pakington	20	0.01	2.2	5.07	5.24	5.24	5.31	0.007591	1.15	1.91	168.04	0.99
Inkerman 2	16	0.463	2.1	6.3	6.68	6.63	6.71	0.002365	0.78	2.71	628.55	0.58
Inkerman 2	17	0.392	2.1	5.99	6.43	6.41	6.48	0.004765	0.98	2.13	547.3	0.8
Inkerman 2	18	0.279	2.1	5.68	6.19	6.1	6.22	0.001332	0.65	3.22	488.51	0.45
Inkerman 2	19	0.186	2.1	5.45	5.9	5.9	5.96	0.008126	1.12	1.87	400.98	1.02
Inkerman 2	20	0.007	2.1	4.9	5.15	5.01	5.15	0.000087	0.12	17.57	135.2	0.11
Duke 2	20	1	9.5	4.9	5.09	5.09	5.14	0.008762	0.96	9.94	107.61	1
Duke 2	20	0	9.5	4.8	4.99	4.99	5.04	0.008761	0.96	9.94	107.61	1
Pakington 2	20	1	4.1	4.9	5.04	5.04	5.07	0.009305	0.78	5.26	81.06	0.98
Pakington 2	20	0	4.1	4.8	4.94	4.94	4.97	0.01021	0.8	5.09	80.08	1.06
Blanch/Vale	20	0.51	9.2	4.7	4.95	4.89	4.96	0.001862	0.54	16.88	132.98	0.49
Blanch/Vale	21a	0.41	9.2	4.7	4.9	4.88	4.93	0.005471	0.84	11.01	126.41	0.81
Blanch/Vale	23	0.4	9.2	4.45	4.77	4.77	4.86	0.00746	1.34	6.87	109.93	1.01
Blanch/Vale	23	0.278	9.2	1.88	4.25	3.07	4.26	0.000095	0.37	24.77	152.76	0.13
Blanch/Vale	24	0	3.4	3.9	4.1	4.1	4.2	0.006745	1.4	2.43	104.31	0.99

HEC-RAS Shakespeare Gv: Plan 2
Profile 3 20yr ARI

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nightingale	14	0.307	8.6	6.17	6.79	6.79	7.02	0.005535	2.13	4.03	21.06	1
Nightingale	15	0.171	8.6	5.55	6.2	5.94	6.23	0.000604	0.78	11.07	382.41	0.35
Nightingale	16	0	8.6	5.53	5.85	5.85	5.98	0.006218	1.62	5.29	534.29	1.01
Inkerman 1	14	0.3	1.7	8.9	9.21	9.21	9.27	0.008585	1.1	1.55	42.56	1.04
Inkerman 1	15	0.181	1.7	7.97	8.18	8.18	8.23	0.008606	1.05	1.62	650.38	1.02
Inkerman 1	16	0	1.7	6.29	6.63	6.6	6.66	0.00388	0.81	2.09	624.86	0.71
Chapel 2	32	0.2	1.2	5.63	5.76	5.76	5.81	0.008591	0.92	1.31	209.93	81.06
Chapel 2	33	0.1	1.2	5.49	5.83	5.58	5.83	0.000063	0.19	6.45	380.08	0.1
Carlisle 1	14	0.305	4.7	6.61	7.03	6.93	7.07	0.001862	0.9	5.2	27.44	0.54
Carlisle 1	15	0.173	4.7	5.88	6.31	6.19	6.34	0.068641		6.01	400.4	0
Carlisle 1	16	0	4.7	5.44	5.81	5.67	5.84	0.000904	0.7	6.7	461.75	0.4
Chapel 1	35	0.163	1.5	6.31	6.48	6.48	6.52	0.009148	0.93	1.61	390.22	1
Chapel 1	34	0	1.5	5.25	5.83	5.39	5.83	0.00002	0.14	10.39	153.39	0.06
Chapel 3	33	0.17	2.2	5.49	5.83	5.62	5.83	0.000221	0.35	6.36	377.79	0.2
Chapel 3	34	0	2.2	5.25	5.83	5.42	5.83	0.000044	0.21	10.35	153.23	0.1
Chapel 4	34	1	0.1	5.25	5.83	5.3	5.83	0	0.01	10.4	153.45	0
Chapel 4	34	0	0.1	5.25	5.83	5.3	5.83	0	0.01	10.4	153.45	0
Duke	16	0.387	2.2	5.5	5.78	5.77	5.82	0.007087	0.98	2.26	456.97	0.93
Duke	17	0.316	2.2	4.99	5.22	5.22	5.28	0.008563	1.07	2.06	125.04	1.02
Duke	18	0.203	2.2	4.22	5.15	4.54	5.15	0.000017	0.17	13.31	258.31	0.06
Duke	19	0.115	2.2	4.07	5.14	4.41	5.15	0.000009	0.13	16.96	269.96	0.05
Duke	20	0	2.2	4.89	5.12	5.03	5.14	0.001119	0.59	3.75	200.87	0.41

HEC-RAS Shakespeare Gv: Plan 2
Profile 3 20yr ARI (continued)

Reach	Section No	River Sta.	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Carlisle 2	16	0.281	3.8	5.44	5.67	5.65	5.73	0.004804	1.08	3.5	424.25	0.83
Carlisle 2	17	0.205	3.8	5.13	5.5	5.41	5.53	0.001533	0.77	4.94	329.65	0.49
Carlisle 2	18	0.095	3.8	4.9	5.47	5.16	5.48	0.000183	0.4	9.52	328.75	0.19
Carlisle 2	19	0.025	3.8	4.9	5.44	5.25	5.46	0.000718	0.6	6.32	304.18	0.35
Pakington	16	0.387	1.4	5.26	5.43	5.43	5.48	0.008206	1.02	1.37	147.08	1
Pakington	17	0.316	1.4	4.98	5.27	5.1	5.28	0.000262	0.33	4.21	153.67	0.21
Pakington	18	0.203	1.4	4.59	5.27	4.73	5.27	0.000018	0.16	8.98	291.46	0.06
Pakington	19	0.115	1.4	4.43	5.27	4.63	5.27	0.000019	0.18	7.64	278.42	0.07
Pakington	20	0.01	1.4	5.07	5.2	5.2	5.26	0.008565	1	1.4	157.37	1.01
Inkerman 2	16	0.463	1.3	6.3	6.64	6.59	6.66	0.002321	0.64	2.04	625.48	0.55
Inkerman 2	17	0.392	1.3	5.99	6.38	6.36	6.42	0.005206	0.87	1.49	539.01	0.81
Inkerman 2	18	0.279	1.3	5.68	6.14	6.05	6.16	0.001266	0.53	2.45	485.44	0.42
Inkerman 2	19	0.186	1.3	5.45	5.85	5.85	5.91	0.008737	1.06	1.22	391.33	1.03
Inkerman 2	20	0.007	1.3	4.9	5.12	4.99	5.12	0.000076	0.1	13.08	119.98	0.1
Duke 2	20	1	6	4.9	5.06	5.06	5.1	0.009581	0.88	6.82	89.56	1.02
Duke 2	20	0	6	4.8	4.96	4.96	5	0.009579	0.88	6.82	89.56	1.02
Pakington 2	20	1	2.6	4.9	5.02	5.02	5.04	0.009655	0.69	3.78	72.04	0.96
Pakington 2	20	0	2.6	4.8	4.92	4.92	4.94	0.010359	0.71	3.69	71.45	0.99
Blanch/Vale	20	0.51	2.4	4.7	4.86	4.82	4.87	0.001428	0.34	7	90.46	0.39
Blanch/Vale	21a	0.41	2.4	4.7	4.81	4.81	4.83	0.011096	0.71	3.36	82.62	1.02
Blanch/Vale	23	0.4	2.4	4.45	4.63	4.63	4.68	0.008968	0.96	2.5	38.51	1.01
Blanch/Vale	23	0.278	2.4	1.88	4.05	2.45	4.05	0.000016	0.13	18.63	140.69	0.05
Blanch/Vale	24	0	1	3.9	3.99	3.99	4.03	0.009035	0.94	1.06	67.31	1.01



Shakespeare Gv - Plan 3

HEC-RAS Shakespeare Gv: Plan 3
Profile 1 100yr ARI

River Sta.	Section No	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
0.675	24	12.9	3.91	4.34	4.07	4.35	0.00051	0.63	41.04	209.82	0.31
0.55	25	12.9	3.21	4.13	3.9	4.24	0.001382	1.49	8.66	110.41	0.56
0.455	26	12.9	3.3	4.05	3.76	4.13	0.000911	1.21	10.7	242.17	0.46
0.357	27	9.4	3.4	3.84	3.72	3.94	0.01155		6.75	200.91	0
0.327	27a	9.4	3.37	3.65	3.63	3.74	0.008117	1.83	9.27	152.88	1.15
0.257	28	9.4	2.75	3.13	3.13	3.24	0.00641	1.51	6.24	371.19	1
0.175	29	9.4	2.12	2.53	2.53	2.68	0.006151	1.68	5.6	95.84	1.01
0.085	30	9.4	1.34	2.52	1.94	2.53	0.000151	0.55	17.12	183.11	0.19
0	31	9.4	1.44	2.5	1.97	2.52	0.000192	0.59	15.92	225.9	0.21

HEC-RAS Shakespeare Gv: Plan 3
Profile 2 50yr ARI

River Sta.	Section No	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
0.675	24	4.2	3.91	4.05	3.99	4.06	0.003433	0.73	11.46	132.18	0.66
0.55	25	4.2	3.21	3.83	3.64	3.87	0.000853	0.82	5.11	83.06	0.4
0.455	26	4.2	3.3	3.79	3.54	3.81	0.000456	0.63	6.72	218.13	0.3
0.357	27	3.4	3.4	3.68	3.54	3.71	0.005693		4.48	163.4	0
0.327	27a	3.4	3.37	3.54	3.51	3.58	0.007092	1.18	4.94	120.2	0.98
0.257	28	3.4	2.75	2.99	2.99	3.06	0.007624	1.19	2.86	308.29	1.01
0.175	29	3.4	2.12	2.49	2.39	2.52	0.001363	0.71	4.78	91.08	0.46
0.085	30	3.4	1.34	2.5	1.79	2.5	0.000021	0.2	16.83	182.5	0.07
0	31	3.4	1.44	2.5	1.82	2.5	0.000025	0.21	15.92	225.9	0.08

HEC-RAS Shakespeare Gv: Plan 3
Profile 3 20yr ARI

River Sta.	Section No	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slop (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
0.675	24	2	3.91	3.98	3.96	3.99	0.009252	0.71	5.11	91.86	0.95
0.55	25	2	3.21	3.66	3.54	3.68	0.001064	0.65	3.06	75.83	0.41
0.455	26	2	3.3	3.58	3.46	3.6	0.000778	0.55	3.67	196.65	0.35
0.357	27	0.5	3.4	3.5	3.41	3.51	0.001643		2	105.82	0
0.327	27a	0.5	3.37	3.44	3.42	3.45	0.007412	0.56	1.45	85.75	0.83
0.257	28	0.5	2.75	2.85	2.85	2.88	0.010295	0.77	0.65	270.96	1.01
0.175	29	0.5	2.12	2.5	2.26	2.5	0.000026	0.1	4.95	91.76	0.06
0.085	30	0.5	1.34	2.5	1.59	2.5	0	0.03	16.78	182.44	0.01
0	31	0.5	1.44	2.5	1.63	2.5	0.000001	0.03	15.92	225.9	0.01

MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 100 YR ARI

RORB Model Reference	Location	RORB Flow 100 Yr	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
E4	Inkerman/ Hotham	18.7	9.3	0	9.4	7.5	1.9	Hotham St	Area 9.1	20 % diverted south along Hotham St
					7.5	6.0	1.5	Lost from system		20 % remaining flow diverted south along Chusan St
					6.0	4.8	1.2	Balston St		20 % remaining flow diverted south along Balston St
					4.8	3.9	1.0	Orange St		20 % remaining flow diverted south along Orange Grve
E5	Inkerman / Westbury	27	12.7	-5.5	8.8	4.4	4.4	Westbury St		50/50 flow split Inkerman and Westbury St
					4.4	3.5	0.9	Blenheim st		20 % remaining flow diverted south along Blenheim St
					3.5	2.8	0.7	Nelson St		20 % remaining flow diverted south along Nelson St
					2.8	2.2	0.6	Lost from system		20 % remaining flow diverted south along Linton St
					2.2	1.8	0.4	Chapel St / inkerman		20 % remaining flow diverted south along Camden St
E6 (u/s)	Inkerman / Chapel St	30.4	12.7	-12.1	5.6	2.8	2.8	Chapel St / Inkerman		50/50 flow split Inkerman and Chapel St
E6 lost from system		2.1								
E6 diversion		13.3								
E6 (d/s)		14.8								
E7	Inkerman / Henryville	15.9	12.7		3.2	3.2	0			
E8	Inkerman / Nepean Hwy	16.2	12.7		3.5	0.0	3.5	Nepean Hwy		
St Kilda Town Hall Drain										
Area 9.1	Carlisle St /Hotham St	3.5	1.5	1.9	3.9	3.9	0			
	Carlisle St/ Balston St	5.1	1.5	3.1	6.7	5.3	1.3	Hawsleigh St	Lost from system	
	Carlisle St / Orange St	5.7	1.5	2.7	6.9	5.6	1.4	Carlisle Av	Lost from system	
Area 9.1-9.2	Carlisle St / Westbury St	6.7	2	5.7	10.4	8.3	2.1	Westbury St	Lost from system	
	Carlisle St / Blenheim St	6.7	2	6.6	11.3	9.0	2.3	William St	Area 9.4-9.5	
	Carlisle St / Railway	6.9	2	4.3	9.2	9.2	0.0			
	Carlisle St / Nelson St	6.9	2	5.0	9.9	9.9	0			
Area 9.1-9.3	Carlilse St / Chapel St	7.2	2	4.3	9.5	0	9.5	Chapel St /Carlisle St		
Area 9.5	Grosvenor/Railway	10.9	2		8.9					
	Under Grosvenor St bridge				3.6	3.6	0.0	40 % under Bridge		
	William St / Grosvenor St				5.3	5.3	0	60% along William St		
Area 9.4-9.5	Nightingale / William	16.5	2	-1.3	13.2	13.2	0	Pick up Carlisle / William flow less Grosvenor st bridge flow		
E9.2	Chapel St / Nightingale St	18	2	2.3	18.3	18.3		Pick up Carlisle / William flow		
Carlisle St	Diversion from Inkerman St (Total)	13.3								
	Lost from System (Total)	4.8								
	Approx flow (sum inflows - lost flow	32								
Chapel St RB inflow		29.5								

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MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 100 YR ARI

RORB Model Reference	Location	RORB Flow 100 Yr	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
Chapel St RB outflow		20.1								
								Distribution down roads		
	MW Drain St Kilda Town Drain)		5.2		0.0	0.0				
	Pakingston St / Chapel St				3.0	3.0	0	20 % of surface flow		
	Duke St / Chapel St				7.5	7.5	0	50 % of surface flow		
	Carlisle St / Chapel St				4.5	4.5	0	30 % of surface flow		
E9.1	Nepean Hwy	20.8	10	3.5	14.3	14.3		Pick up Inkerman / Nepean		
Shakespeare Grove Drain										
E9 RB inflow	Greeves St	35.9	21	0.0	14.9					
	Vale St / Nepean Hwy				8.9	8.9		60/40 % redistribution down roads		
	Blauche St / Nepean Hwy				6.0	6.0				
E9 RB outflow	Barkly St	32.9	21	0	11.9	11.9				
E10 RB inflow		33.9	21	0.0	12.9	12.9				
	Albert St / Barkly St				7.7	7.7		60/40 % redistribution down roads		
	Havelock St / Barkly St				5.2	5.2				
E10 RB outflow	Acland St	30.35	21	0	9.4	9.4				
E11		30.4	21	0	9.4	9.4				

MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 50 YR ARI

RORB Model Reference	Location	RORB Flow 50Yr	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
E4	Inkerman/ Hotham	16.3	9.3	0	7	5.6	1.4	Hotham St	Area 9.1	20 % diverted south along Hotham St
					5.6	4.5	1.1	Lost from system		20 % remaining flow diverted south along Chusan St
					4.5	3.6	0.9	Balston St		20 % remaining flow diverted south along Balston St
					3.6	2.9	0.7	Orange St		20 % remaining flow diverted south along Orange Grve
E5	Inkerman / Westbury	23.5	12.7	-4.1	6.7	3.3	3.3	Westbury St		50/50 flow split Inkerman and Westbury St
					3.3	2.7	0.7	Blenheim st		20 % remaining flow diverted south along Blenheim St
					2.7	2.1	0.5	Nelson St		20 % remaining flow diverted south along Nelson St
					2.1	1.7	0.4	Lost from system		20 % remaining flow diverted south along Linton St
					1.7	1.4	0.3	Chapel St / inkerman		20 % remaining flow diverted south along Camden St
E6 (u/s)	Inkerman / Chapel St	26.3	12.7	-9.1	4.5	2.3	2.3	Chapel St / Inkerman		50/50 flow split Inkerman and Chapel St
E6 lost from system		1.5								
E6 diversion		10.1								
E6 (d/s)		12.8								
E7	Inkerman / Henryville	13.4	12.7		0.7	0.7	0			
E8	Inkerman / Nepean Hwy	13.6	12.7		0.9	0.0	0.9	Nepean Hwy		
St Kilda Town Hall Drain										
Area 9.1	Carlisle St /Hotham St	3.1	1.5	1.4	3.0	3.0	0			
	Carlisle St/ Balston St	4.45	1.5	2.3	5.2	4.2	1.0	Hawsleigh St	Lost from system	
	Carlisle St / Orange St	5.0	1.5	2.0	5.5	4.4	1.1	Carlisle Av	Lost from system	
Area 9.1-9.2	Carlisle St / Westbury St	5.8	2	4.2	8.0	6.4	1.6	Westbury St	Lost from system	
	Carlisle St / Blenheim St	5.8	2	4.9	8.7	6.9	1.7	William St	Area 9.4-9.5	
	Carlisle St / Railway	5.9	2	3.1	7.0	7.0	0.0			
	Carlisle St / Nelson St	5.9	2	3.7	7.6	7.6	0			
Area 9.1-9.3	Carlilse St / Chapel St	6.1	2	3.1	7.2	0	7.2	Chapel St /Carlisle St		
Area 9.5	Grosvenor/Railway	9.4	2		7.4					
	Under Grosvenor St bridge				3.0	3.0	0.0	40 % under Bridge		
	William St / Grosvenor St				4.4	4.4	0	60% along William St		
Area 9.4-9.5	Nightingale / William	14.2	2	-1.2	11.0	11.0	0	Pick up Carlisle / William flow less Grosvenor st bridge flow		
E9.2	Chapel St / Nightingale St	15.2	2	1.7	14.9	14.9		Pick up Carlisle / William flow		
Carlisle St	Diversion from Inkerman St (Total)	10.1								
	Lost from System (Total)	3.7								
	Approx flow (sum inflows - lost flow	27								
Chapel St RB inflow		25.1								

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MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 50 YR ARI

RORB Model Reference	Location	RORB Flow 50Yr	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
Chapel St RB outflow		16.3								
								Distribution down roads		
	MW Drain St Kilda Town Drain)		5.2		0.0	0.0				
	Pakingston St / Chapel St				2.2	2.2	0	20 % of surface flow		
	Duke St / Chapel St				5.6	5.6	0	50 % of surface flow		
	Carlisle St / Chapel St				3.3	3.3	0	30 % of surface flow		
E9.1	Nepean Hwy	17.3	10	0.9	8.2	8.2		Pick up Inkerman / Nepean		
Shakespeare Grove Drain										
E9 RB inflow	Greeves St	30.2	21	0.0	9.2					
	Vale St / Nepean Hwy				5.5	5.5		60/40 % redistribution down roads		
	Blauche St / Nepean Hwy				3.7	3.7				
E9 RB outflow	Barkly St	24.4	21	0	3.4	3.4				
E10 RB inflow		25.2	21	0.0	4.2	4.2				
	Albert St / Barkly St				2.5	2.5		60/40 % redistribution down roads		
	Havelock St / Barkly St				1.7	1.7				
E10 RB outflow	Acland St	24.2	21	0	3.2	3.2				
E11		24.4	21	0	3.4	3.4				

MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 20 YR ARI

RORB Model Reference	Location	RORB Flow 20 YR	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
E4	Inkerman/ Hotham	14	9.3	0	4.7	3.8	0.9	Hotham St	Area 9.1	20 % diverted south along Hotham St
					3.8	3.0	0.8	Lost from system		20 % remaining flow diverted south along Chusan St
					3.0	2.4	0.6	Balston St		20 % remaining flow diverted south along Balston St
					2.4	1.9	0.5	Orange St		20 % remaining flow diverted south along Orange Grve
E5	Inkerman / Westbury	19.6	12.7	-2.8	4.1	2.1	2.1	Westbury St		50/50 flow split Inkerman and Westbury St
					2.1	1.7	0.4	Blenheim st		20 % remaining flow diverted south along Blenheim St
					1.7	1.3	0.3	Nelson St		20 % remaining flow diverted south along Nelson St
					1.3	1.1	0.3	Lost from system		20 % remaining flow diverted south along Linton St
					1.1	0.8	0.2	Chapel St / inkerman		20 % remaining flow diverted south along Camden St
E6 (u/s)	Inkerman / Chapel St	21.3	12.7	-5.8	2.8	1.4	1.4	Chapel St / Inkerman		50/50 flow split Inkerman and Chapel St
E6 lost from system		1.0								
E6 diversion		6.4								
E6 (d/s)		10.3								
E7	Inkerman / Henryville	10.7	12.7		-2.0	-2.0	0			
E8	Inkerman / Nepean Hwy	10.7	12.7		-2.0	0.0	-2.0	Nepean Hwy		
St Kilda Town Hall Drain										
Area 9.1	Carlisle St /Hotham St	2.6	1.5	0.9	2.0	2.0	0			
	Carlisle St/ Balston St	3.6	1.5	1.5	3.6	2.9	0.7	Hawsleigh St	Lost from system	
	Carlisle St / Orange St	4.0	1.5	1.3	3.8	3.0	0.8	Carlisle Av	Lost from system	
Area 9.1-9.2	Carlisle St / Westbury St	4.6	2	2.6	5.2	4.2	1.0	Westbury St	Lost from system	
	Carlisle St / Blenheim St	4.6	2	3.0	5.6	4.5	1.1	William St	Area 9.4-9.5	
	Carlisle St / Railway	4.7	2	1.9	4.5	4.5	0.0			
	Carlisle St / Nelson St	4.7	2	2.2	4.9	4.9	0			
Area 9.1-9.3	Carlilse St / Chapel St	4.8	2	1.9	4.7	0	4.7	Chapel St /Carlisle St		
Area 9.5	Grosvenor/Railway	7.7	2		5.7					
	Under Grosvenor St bridge				2.3	2.3	0.0	40 % under Bridge		
	William St / Grosvenor St				3.4	3.4	0	60% along William St		
Area 9.4-9.5	Nightingale / William	11.8	2	-1.2	8.6	8.6	0	Pick up Carlisle / William flow less Grosvenor st bridge flow		
E9.2	Chapel St / Nightingale St	12.6	2	1.1	11.7	11.7		Pick up Carlisle / William flow		
Carlisle St	Diversion from Inkerman St (Total)	6.4								
	Lost from System (Total)	2.5								
	Approx flow (sum inflows - lost flow	20								
Chapel St RB inflow		20								

Shakspt3
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MELBOURNE WATER
CITY OF PORT PHILLIP FLOOD MAPPING
SHAKESPEARE GROVE DRAIN FLOW REDISTRBUTION
BASIS FOR 20 YR ARI

RORB Model Reference	Location	RORB Flow 20 YR	Pipe Flow Cap	Diverted Flow Redistribe	Total Surface Flow	Flow along Model Street	Diverted Flow	Diverted to Location	Diverted to Node	Assumption
Shakespeare Grove Drain										
Chapel St RB outflow		12.3								
								Distribution down roads		
	MW Drain St Kilda Town Drain)		5.2		0.0	0.0				
	Pakingston St / Chapel St				1.4	1.4		0	20 % of surface flow	
	Duke St / Chapel St				3.6	3.6		0	50 % of surface flow	
	Carlisle St / Chapel St				2.1	2.1		0	30 % of surface flow	
E9.1	Nepean Hwy	13	10	-2.0	1.0	1.0		Pick up Inkerman / Nepean		
Shakespeare Grove Drain										
E9 RB inflow	Greeves St	23.4	21	0.0	2.4					
	Vale St / Nepean Hwy				1.4	1.4		60/40 % redistribution down roads		
	Blauche St / Nepean Hwy				1.0	1.0				
E9 RB outflow	Barkly St	21.1	21	0	0.1	0.1				
E10 RB inflow		23	21	0.0	2.0	2.0				
	Albert St / Barkly St				1.2	1.2		60/40 % redistribution down roads		
	Havelock St / Barkly St				0.8	0.8				
E10 RB outflow	Acland St	21.1	21	0	0.1	0.1				
E11		21.5	21	0	0.5	0.5				

Appendix C

Flood Risk and Floodway Safety Risk Assessments

Appendix C - Flood Risk and Floodway Safety Risk Assessments

	File Name
• Gittus Street/Diversion	Gdiv-md.xls
• Johnson Street	Nil
• Ferrars Street	Nil
• Hanna Street	Hanna-md.xls
• Rosny Street	Rosny-md.xls
• Princes Street	Cruik-md.xls
• McGregor Street	Mcgrg-md.xls
• Cowderoy Street/Union Street	Cowd-md.xls
• Shakespeare Grove	Shak6-md.xls

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name : Gittus Street Diversion Drain
Municipality : Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Leve (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
33	BRADY	ST	SOUTH MELBOURNE					1.4			1.20	0.2	0.0	0.00	1					0	
55	BRADY	ST	SOUTH MELBOURNE					1.4			1.20	0.2	0.0	0.00	1					0	
41	GITTUS	ST	SOUTH MELBOURNE					1.4			1.20	0.2	0.0	0.00	1					0	
11	HARTLY	ST	SOUTH MELBOURNE					1.4			1.20	0.2	0.0	0.00	1					0	
99	LORIMER	ST	SOUTH MELBOURNE					1.4			1.20	0.2	0.0	0.00	1					1	
372	INGLES	ST	SOUTH MELBOURNE					2.0			1.60	0.4	0.0	0.00	1					1	
378	INGLES	ST	SOUTH MELBOURNE					2.0			1.60	0.4	0.0	0.00	1					1	
380	INGLES	ST	SOUTH MELBOURNE					2.0			1.60	0.4	0.0	0.00	1					1	

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Calculations

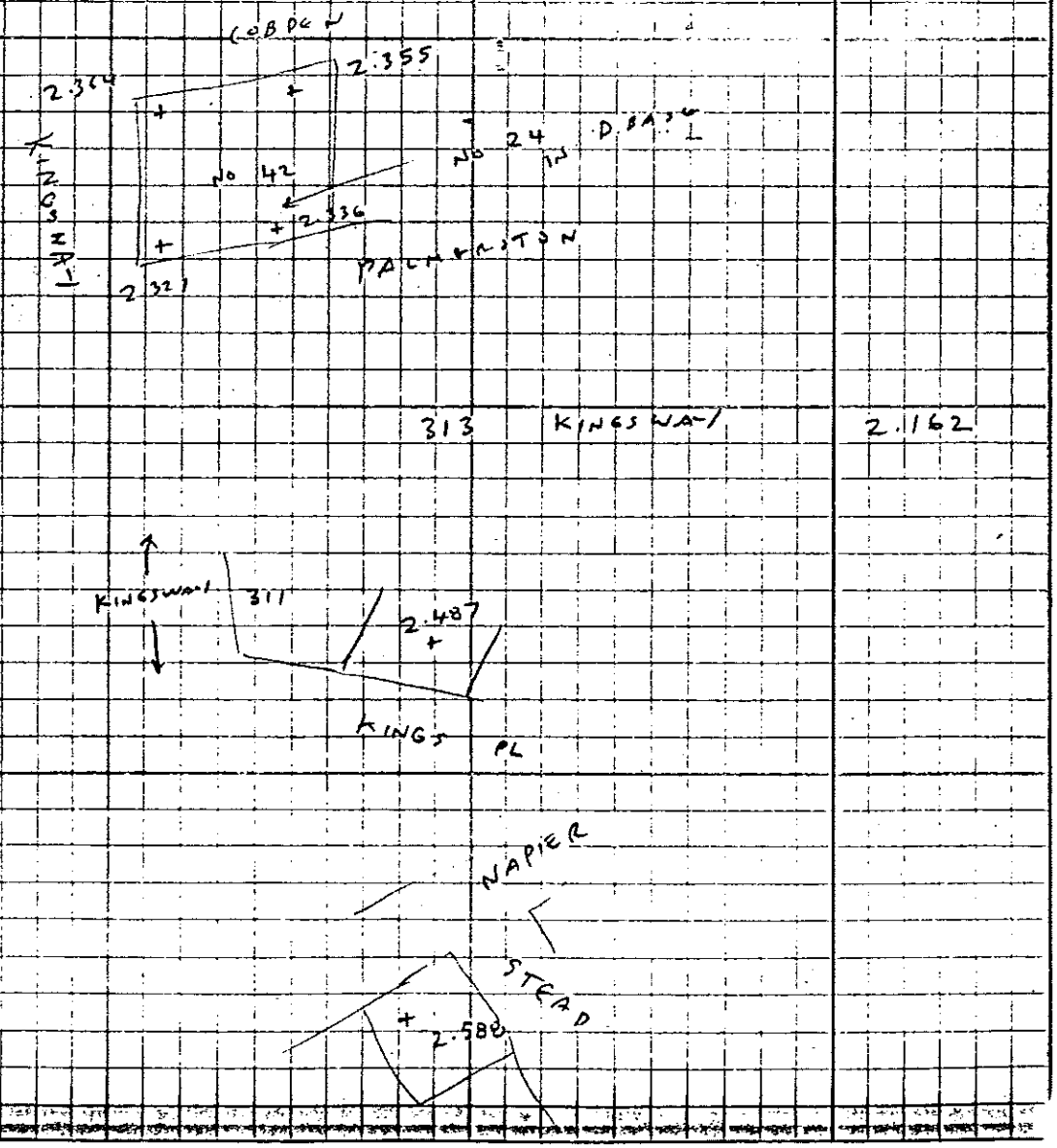
HANNA

Client/Project MELBOURNE WATER Job No. 8100/48/05

Calc. by GEOMATIC SERVICES Date 2/97 Checked by Page 1 of 5

NOT IN DBASE

		RL
No 2	NAPIER	
= 2-36	NAPIER. IN DBASE	2.465
:	UNIT 11	
	UNIT 12	2.465
	" 13	2.478
	" 10	2.472 ✓
8	PATRICK ST	2.211
* NO ACCESS POSSIBLE TO	78 PALMERSTON	
36	COBDEN	2.439
38	"	2.439
40	"	2.432
(NEW UNITS - NEXT 3 BLOCKS) (42 - 46)	" ?	2.570



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Calculations

Client/Project _____ Job No. 8100/98

Calc. by _____ Date 2/97 Checked by _____ Page 2 of 6

64 – 66 CLARKE	1.785
263 CITY ROAD	
TWO BUILDINGS. (IN PARK)	0.883
ALSO	1.052
257 – 259 CITY RD	0.982
253 " "	0.965
249 " "	0.999
243 " "	1.037
282 " "	0.927
278 " "	1.017
276 " "	0.982
270 " "	1.192
6 MORAY	1.025
10 CATHERINE	0.647
SEC SUBSTATN MORAY	0.712
9 MORAY	0.987
11-13-15 MORAY	1.737
28 MORAY	1.527
2 – 23 YORK	1.567
15 QUEENS RDG	5.249
NO 17 QUEENS RDG HAS MANY UNITS	
V 19 – 24	4.724
12A – 18	4.739
7 – 12	4.730
1 – 6	4.734

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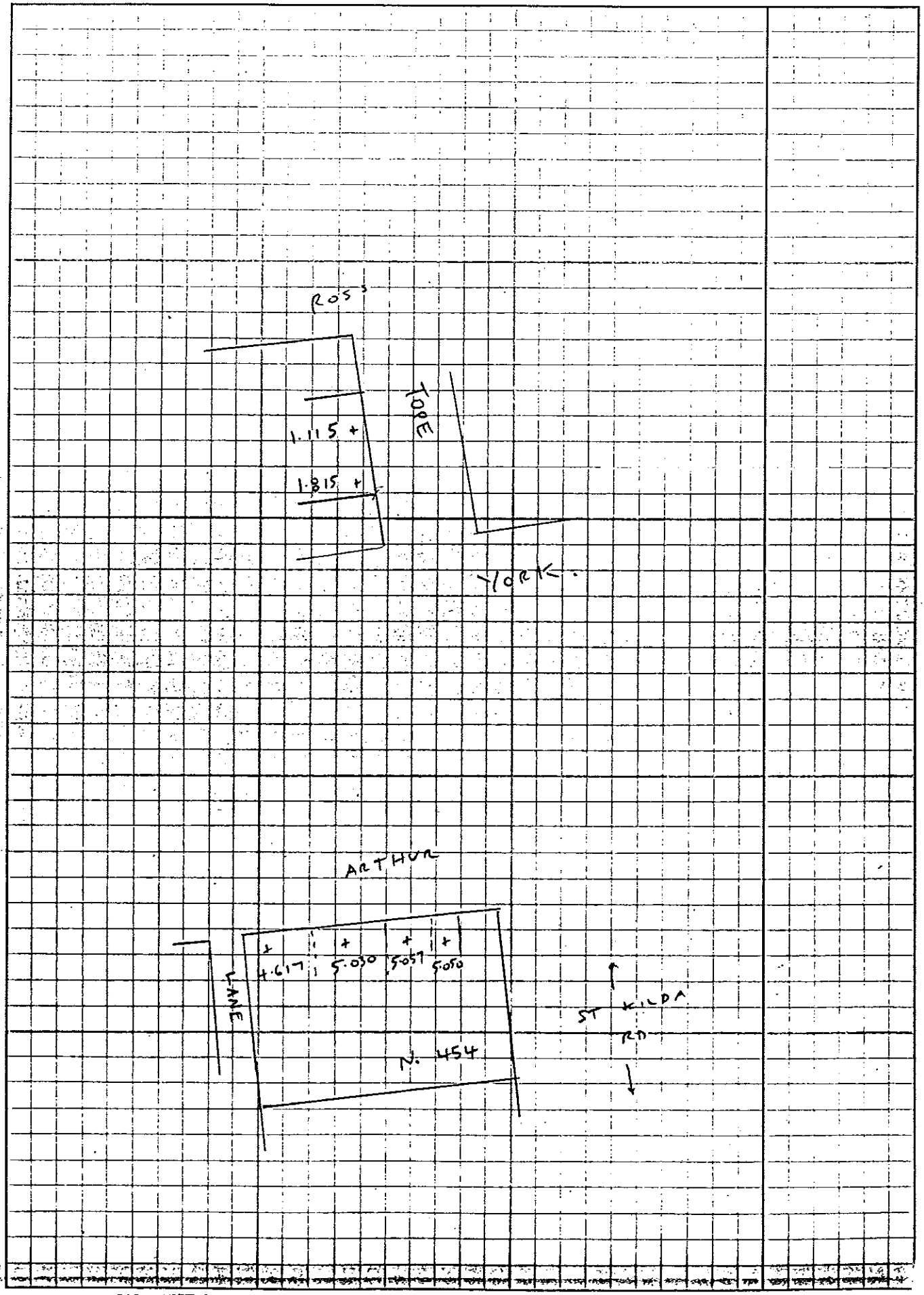

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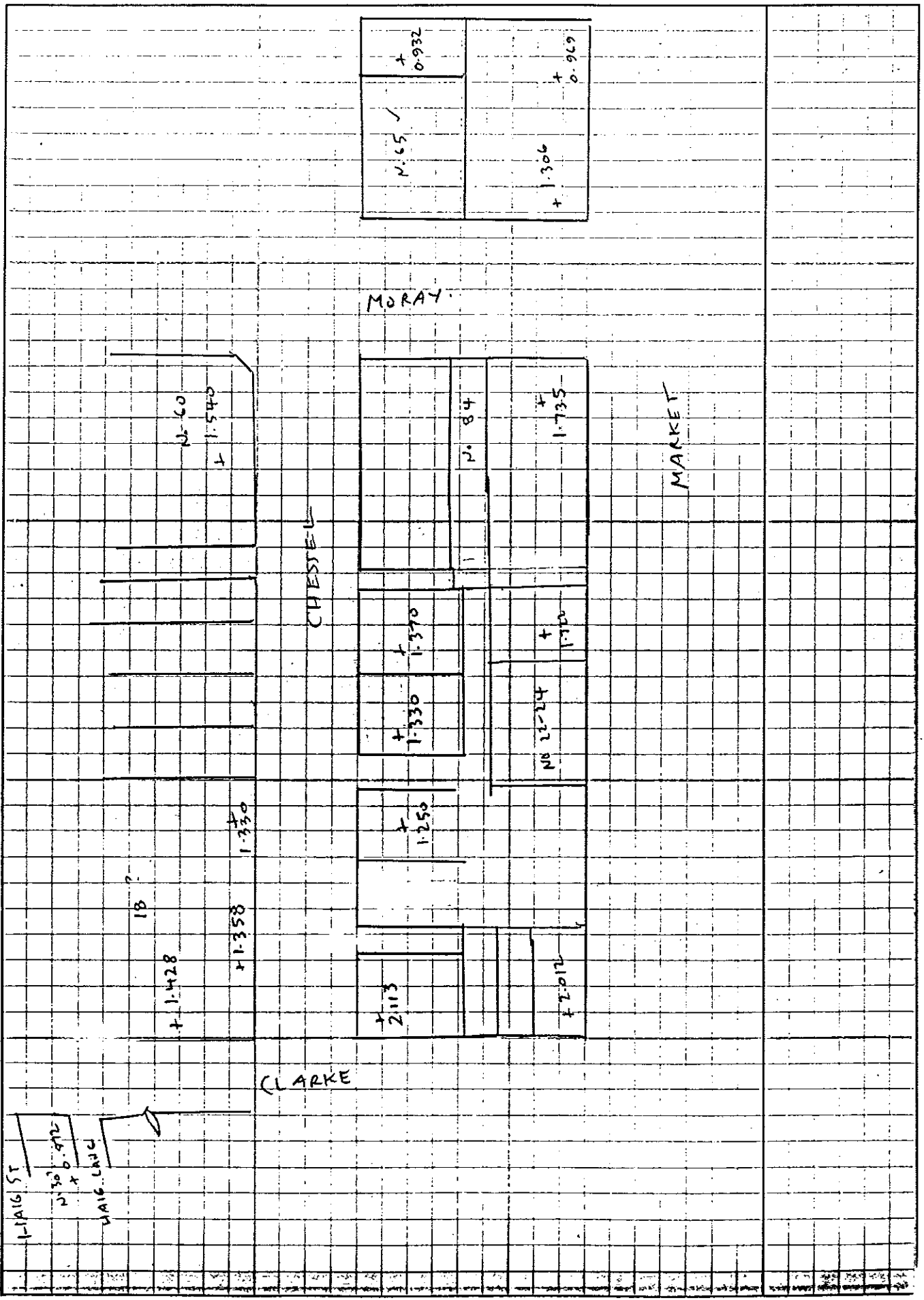
Calc. by _____ Date _____ Checked by _____ Page 4 of 6



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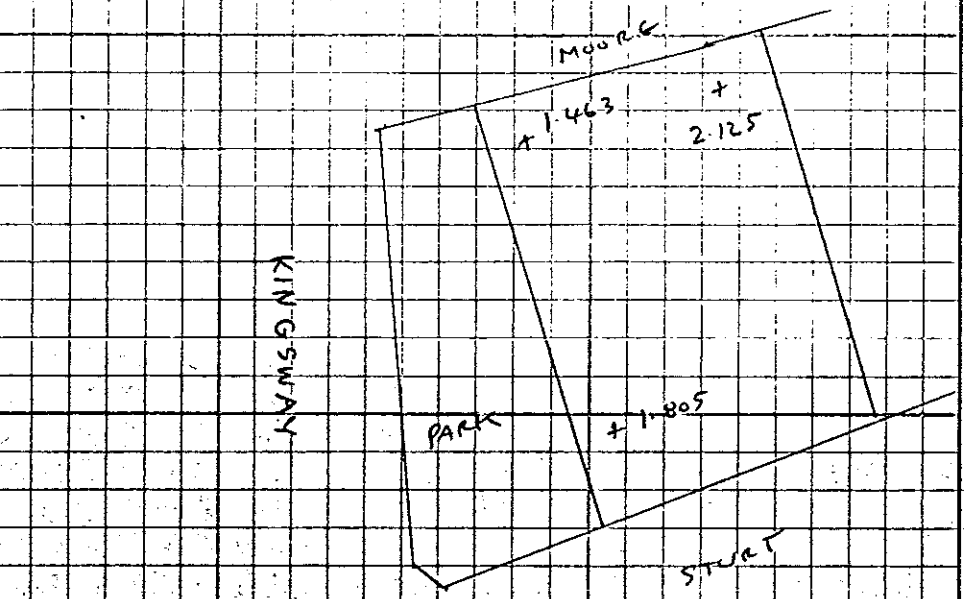
Client/Project _____ Job No. 8100/98

Calc. by _____ Date _____ Checked by _____ Page 5 of 6

PROPERTY SHOWN AS

8 COBDEN = 408 KINGSWAY.



437	ST KILDA RD	5.706
441	"	6.646
447	"	6.460
453	"	6.431
457	"	6.134
461	"	6.291

Gutteridge Haskins & Davey Pty Ltd
CONSULTING ENGINEERS • ENVIRONMENTAL SCIENTISTS & PLANNERS • PROJECT MANAGERS
A.C.N. 008 488 373

Calculations

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Client/Project _____ Job No. 8100/98

Calc. by _____ Date _____ Checked by _____ Page 6 of 6

CAR PARK	8	COBDEN	1.677
	318	KINGSWAY	0.384
	61	PALMERSTON	2.178
	346	KINGSWAY	2.017
	"	"	below 0
	124	ALBERT	1.510
	437	ST. KILDA	4.586

Melbourne Water Catchment: Port Phillip
Main Drain Name: Hanna Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
0	ALBERT	PARK	MELBOURNE	321475	5809975	10646016															
0	ALBERT	PARK	MELBOURNE SOUTH	321312	5810050	10645929															
0	ALBERT	PARK	MELBOURNE SOUTH	321240	5810052	10645910															
0	ALBERT	PARK	MELBOURNE SOUTH	321285	5810098	10645873															
0	ALBERT	PARK	MELBOURNE SOUTH	321415	5810243	10645830															
0	ALBERT	RD	MELBOURNE SOUTH	321204	5810236	10572707															
0	ALBERT	RD	MELBOURNE SOUTH	321384	5810420	21917264															
0	ALBERT	RD	MELBOURNE SOUTH	321290	5810253	21913191															
0	ALBERT	RD	MELBOURNE SOUTH	321302	5810241	10572117															
0	ALBERT	RD	MELBOURNE	321425	5810510	22655163															
0	ALBERT	RD	MELBOURNE	321232	5810225	24651422															
1	ALBERT	RD	MELBOURNE	321495	5810487	10573144															
2	ALBERT	RD	MELBOURNE	321376	5810618	10573136															
16	ALBERT	RD	MELBOURNE	321379	5810582	10573128															
20	ALBERT	RD	MELBOURNE	321380	5810562	10573101															
24	ALBERT	RD	MELBOURNE	321380	5810543	10573099															
28	ALBERT	RD	MELBOURNE	321378	5810530	23255284															
30	ALBERT	RD	MELBOURNE	321377	5810523	10573072															
31	ALBERT	RD	MELBOURNE	321438	5810448	10573152															
32	ALBERT	RD	MELBOURNE	321376	5810515	10573084															
34	ALBERT	RD	MELBOURNE	321375	5810510	10573056															
35	ALBERT	RD	MELBOURNE	321420	5810407	10573160															
36	ALBERT	RD	MELBOURNE	321373	5810501	10573048															
37	ALBERT	RD	MELBOURNE	321408	5810379	10573179															
39	ALBERT	RD	MELBOURNE	321396	5810356	10573611															
40	ALBERT	RD	MELBOURNE	321371	5810490	10573021															
42	ALBERT	RD	MELBOURNE	321368	5810481	10573013															
44	ALBERT	RD	MELBOURNE	321358	5810475	10572969															
46	ALBERT	RD	MELBOURNE	321365	5810472	10572950															
48	ALBERT	RD	MELBOURNE	321362	5810465	10572942															
50	ALBERT	RD	MELBOURNE	321360	5810461	10572934															
52	ALBERT	RD	MELBOURNE	321357	5810453	10572926															
60	ALBERT	RD	MELBOURNE	321349	5810435	10572918															
66	ALBERT	RD	MELBOURNE	321341	5810417	10572897															
70	ALBERT	RD	MELBOURNE	321332	5810403	10572889		2.65	2.60	2.55	2.20	0.5	1.3	0.59	2					1	
88	ALBERT	RD	MELBOURNE SOUTH	321298	5810344	10572870		2.65	2.60	2.55	2.20	0.5	1.3	0.59	2	2.64	-0.01	0.04	0.09	2	
96	ALBERT	RD	MELBOURNE SOUTH	321286	5810327	10572862		2.65	2.60	2.55	2.20	0.5	0.0	0.00	1					1	
102	ALBERT	RD	MELBOURNE SOUTH	321271	5810307	10572854		2.65	2.60	2.55	2.40	0.3	0.0	0.00	1	2.64	-0.01	0.04	0.09	2	
104	ALBERT	RD	MELBOURNE SOUTH	321272	5810310	10572846		2.65	2.60	2.55	2.40	0.3	1.0	0.25	1	2.64	-0.01	0.04	0.09	2	
114	ALBERT	RD	MELBOURNE SOUTH	321253	5810284	10572838		2.65	2.60	2.55	2.60	0.0	0.0	0.00	1					1	
126	ALBERT	RD	MELBOURNE SOUTH	321241	5810271	10572811		2.65	2.60	2.55	2.60	0.0	0.0	0.00	1					0	
128	ALBERT	RD	MELBOURNE SOUTH	321233	5810263	10572731		2.65	2.60	2.55	2.60	0.0	0.0	0.00	1					0	
132	ALBERT	RD	MELBOURNE SOUTH	321219	5810249	10572723		2.65	2.60	2.55	2.60	0.0	0.0	0.00	1					0	
140	ALBERT	RD	MELBOURNE SOUTH	321208	5810240	10572715															
142	ALBERT	RD	MELBOURNE SOUTH	321200	5810232	10572694															
148	ALBERT	RD	MELBOURNE SOUTH	321166	5810204	10572686															
162	ALBERT	RD	MELBOURNE SOUTH	321144	5810189	10572678															
164	ALBERT	RD	MELBOURNE SOUTH	321140	5810186	10572651															
166	ALBERT	RD	MELBOURNE SOUTH	321131	5810180	10572643															
172	ALBERT	RD	MELBOURNE SOUTH	321108	5810166	10572635															
174	ALBERT	RD	MELBOURNE SOUTH	321100	5810161	10572627															
176	ALBERT	RD	MELBOURNE SOUTH	321095	5810159	10572619															
178	ALBERT	RD	MELBOURNE SOUTH	321088	5810155	10572600															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
182	ALBERT	RD	MELBOURNE SOUTH	321079	5810150	10572598															
184	ALBERT	RD	MELBOURNE SOUTH	321070	5810146	10572571															
188	ALBERT	RD	MELBOURNE SOUTH	321061	5810141	10572563															
192	ALBERT	RD	MELBOURNE SOUTH	321051	5810137	10572555															
196	ALBERT	RD	MELBOURNE SOUTH	321017	5810125	10572539															
208	ALBERT	RD	MELBOURNE SOUTH	320995	5810116	10572520															
218	ALBERT	RD	MELBOURNE SOUTH	320961	5810103	10572504															
222	ALBERT	RD	MELBOURNE SOUTH	320951	5810099	10572491															
224	ALBERT	RD	MELBOURNE SOUTH	320945	5810097	10572483															
226	ALBERT	RD	MELBOURNE SOUTH	320937	5810093	10572475															
228	ALBERT	RD	MELBOURNE SOUTH	320925	5810089	10572467															
232	ALBERT	RD	MELBOURNE SOUTH	320916	5810085	10572459															
234	ALBERT	RD	MELBOURNE SOUTH	320910	5810083	10572344															
236	ALBERT	RD	MELBOURNE SOUTH	320903	5810080	10572336															
238	ALBERT	RD	MELBOURNE SOUTH	320898	5810078	10572326															
240	ALBERT	RD	MELBOURNE SOUTH	320893	5810076	10572301															
242	ALBERT	RD	MELBOURNE SOUTH	320888	5810074	10572299															
244	ALBERT	RD	MELBOURNE SOUTH	320883	5810073	10572280															
246	ALBERT	RD	MELBOURNE SOUTH	320878	5810071	10572272															
	ALBERT	RD	SOUTH MELBOURNE	321342	5810419																
	ALBERT	RD	MELBOURNE SOUTH	320980	5810110																
	ALBERT	RD	MELBOURNE SOUTH	320965	5810105																
	ALBERT	RD	MELBOURNE SOUTH	320931	5810091																
	ALBERT	RD	MELBOURNE SOUTH	321213	5810244																
	ALBERT	RD	MELBOURNE SOUTH	321064	5810143																
	ALBERT	RD	SOUTH MELBOURNE	321326	5810394																
	ALBERT	RD	MELBOURNE	321380	5810569																
	ALBERT	RD	SOUTH MELBOURNE	321074	5810097																
0	ALBERTROAD	DR	MELBOURNE SOUTH	321275	5809931	10646008															
0	ALBERTROAD	DR	MELBOURNE SOUTH	321994	5809610	10645897															
0	BANK	ST	MELBOURNE SOUTH	321181	5810701	10561936															
0	BANK	ST	MELBOURNE SOUTH	320914	5810598	10562103															
0	BANK	ST	MELBOURNE SOUTH	320909	5810596	10562111															
0	BANK	ST	MELBOURNE SOUTH	321070	5810658	36792492															
0	BANK	ST	MELBOURNE SOUTH	321061	5810654	36792505															
0	BANK	ST	MELBOURNE SOUTH	321051	5810650	36792513															
0	BANK	ST	MELBOURNE SOUTH	321081	5810661	36792521															
0	BANK	ST	MELBOURNE SOUTH	321088	5810664	36792548															
0	BANK	ST	MELBOURNE SOUTH	321063	5810622	36792556															
0	BANK	ST	MELBOURNE SOUTH	321092	5810666	36792564															
0	BANK	ST	MELBOURNE SOUTH	321024	5810642	36792572															
1	BANK	ST	MELBOURNE SOUTH	321201	5810709	10561821															
15	BANK	ST	MELBOURNE SOUTH	321183	5810700	23929947															
19	BANK	ST	MELBOURNE SOUTH	321172	5810698	10561944															
21	BANK	ST	MELBOURNE SOUTH	321155	5810691	10561952															
31	BANK	ST	MELBOURNE SOUTH	321136	5810684	10561960															
35	BANK	ST	MELBOURNE SOUTH	321127	5810680	10561979															
41	BANK	ST	MELBOURNE SOUTH	321115	5810675	10561985		2.00	1.90	1.75	2.00	0.0	0.0	0.00	1					0	
43	BANK	ST	MELBOURNE SOUTH	321102	5810670	10562007		2.00	1.90	1.75	1.80	0.2	0.0	0.00	1					0	
47	BANK	ST	MELBOURNE SOUTH	321100	5810660	21971486		2.00	1.90	1.75	1.80	0.2	0.0	0.00	1					0	
85	BANK	ST	MELBOURNE SOUTH	320949	5810611	10562023		2.00	1.90	1.75	1.40	0.6	0.3	0.18	1	1.82	-0.18	-0.08	0.07	3	
87	BANK	ST	MELBOURNE SOUTH	320942	5810608	10562031		2.00	1.90	1.75	1.40	0.6	0.3	0.18	1					1	
89	BANK	ST	MELBOURNE SOUTH	320938	5810607	10562058		2.00	1.90	1.75	1.40	0.6	0.2	0.12	1	1.985	-0.01	0.09	0.24	2	
91	BANK	ST	MELBOURNE SOUTH	320933	5810605	10562066		2.00	1.90	1.75	1.70	0.3	0.1	0.03	1	2.261	0.26	0.36	0.51	1	

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
92	BANK	ST	MELBOURNE SOUTH	320909	5810646	10561805		1.97	1.87	1.72	1.40	0.6	0.0	0.00	1					1	
93	BANK	ST	MELBOURNE SOUTH	320928	5810603	10562074		2.00	1.90	1.75	1.70	0.3	0.0	0.00	1					1	
95	BANK	ST	MELBOURNE SOUTH	320926	5810596	10562062		2.00	1.90	1.75	1.70	0.3	0.0	0.00	1					1	
95	BANK	ST	MELBOURNE SOUTH	320924	5810601	28308015		2.00	1.90	1.75	1.70	0.3	0.0	0.00	1					1	
95	BANK	ST	MELBOURNE SOUTH	320938	5810570	28308023		2.00	1.90	1.75	1.70	0.3	0.0	0.00	1					1	
97	BANK	ST	MELBOURNE SOUTH	320920	5810599	10562090		2.00	1.90	1.75	1.80	0.2	0.0	0.00	1					0	
99	BANK	ST	MELBOURNE SOUTH	320913	5810602	28163928		2.00	1.90	1.75	1.80	0.2	0.0	0.00	1					0	
101	BANK	ST	MELBOURNE SOUTH	320908	5810600	28163936		2.00	1.90	1.75	1.80	0.2	0.0	0.00	1					0	
103	BANK	ST	MELBOURNE SOUTH	320898	5810591	10562138															
105	BANK	ST	MELBOURNE SOUTH	320893	5810590	10562146															
107	BANK	ST	MELBOURNE SOUTH	320887	5810588	10562154															
108	BANK	ST	MELBOURNE SOUTH	320814	5810608	10561784															
109	BANK	ST	MELBOURNE SOUTH	320882	5810586	10562162															
110	BANK	ST	MELBOURNE SOUTH	320809	5810606	10561776															
111	BANK	ST	MELBOURNE SOUTH	320806	5810556	10562170															
112	BANK	ST	MELBOURNE SOUTH	320804	5810604	10561741															
113	BANK	ST	MELBOURNE SOUTH	320801	5810554	10562189															
114	BANK	ST	MELBOURNE SOUTH	320800	5810603	10561768															
115	BANK	ST	MELBOURNE SOUTH	320796	5810552	10562197															
116	BANK	ST	MELBOURNE SOUTH	320794	5810600	10561733															
117	BANK	ST	MELBOURNE SOUTH	320791	5810550	10562216															
118	BANK	ST	MELBOURNE SOUTH	320788	5810598	10561725															
119	BANK	ST	MELBOURNE SOUTH	320783	5810547	10562226															
120	BANK	ST	MELBOURNE SOUTH	320783	5810596	10561717															
121	BANK	ST	MELBOURNE SOUTH	320774	5810543	10562234															
122	BANK	ST	MELBOURNE SOUTH	320778	5810594	10561709															
123	BANK	ST	MELBOURNE SOUTH	320747	5810533	10562242															
124	BANK	ST	MELBOURNE SOUTH	320769	5810590	10561696															
125	BANK	ST	MELBOURNE SOUTH	320742	5810531	10562250															
127	BANK	ST	MELBOURNE SOUTH	320737	5810528	10562269															
128	BANK	ST	MELBOURNE SOUTH	320759	5810587	10561688															
129	BANK	ST	MELBOURNE SOUTH	320732	5810527	10562277															
130	BANK	ST	MELBOURNE SOUTH	320754	5810585	10561661															
132	BANK		MELBOURNE SOUTH	320722	5810573	10561653															
0	BOWEN	CR	MELBOURNE	321525	5810307	10645811															
0	BOWEN	CR	MELBOURNE	321516	5810344	10645566															
0	BOWEN	CR	MELBOURNE	321544	5810317	23147216															
1	BOWEN	CR	MELBOURNE	321581	5810394	10645803															
1	BOWEN	CR	MELBOURNE	321584	5810240	23311565															
2	BOWEN	CR	MELBOURNE	321565	5810381	10645590															
3	BOWEN	CR	MELBOURNE	321542	5810362	10645582															
4	BOWEN	CR	MELBOURNE	321524	5810349	10645574															
6	BOWEN	CR	MELBOURNE	321507	5810339	10645558															
7	BOWEN	CR	MELBOURNE	321479	5810324	10645531															
	BOWEN	CRES	MELBOURNE	321599	5810409																
	BOWEN	CRES	SOUTH MELBOURNE	321492	5810329																
	BOWEN	LN	SOUTH MELBOURNE	321468	5810370																
	BOWEN	LN	SOUTH MELBOURNE	321473	5810372																
	BOWEN	LN	SOUTH MELBOURNE	321469	5810360																
2	CATHERINE	ST	MELBOURNE SOUTH	320370	5811233	10582059		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
10	CATHERINE	ST	MELBOURNE SOUTH					1.10	1.10	1.10	0.80	0.3	0.0	0.00	1	0.647	-0.45	-0.45	-0.45	4	
9	CHESSELL	ST	MELBOURNE SOUTH	320425	5811050	10581953															
17	CHESSELL	ST	MELBOURNE SOUTH	320410	5811045	10581961															
18	CHESSELL	ST	MELBOURNE SOUTH	320396	5811070	23100581		1.68	1.58	1.48	1.40	0.3	0.0	0.00	1	1.33	-0.35	-0.25	-0.15	4	

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
21	CHESSELL	ST	MELBOURNE SOUTH	320401	5811041	10581988															
30	CHESSELL	ST	MELBOURNE SOUTH	320310	5811037	10581945															
38	CHESSELL	ST	MELBOURNE SOUTH	320294	5811030	10581937															
42	CHESSELL	ST	MELBOURNE SOUTH	320286	5811027	10581929															
60	CHESSELL	ST	MELBOURNE SOUTH													1.54				0	
	CHESSELL	ST	MELBOURNE SOUTH	320304	5811034																
	CHESSELL	ST	MELBOURNE SOUTH	320313	5811038																
	CHESSELL	ST	MELBOURNE SOUTH	320318	5811039																
	CHESSELL	ST	MELBOURNE SOUTH	320302	5811005																
	CHESSELL	ST	MELBOURNE SOUTH	320430	5811053																
	CHESSELL	ST	MELBOURNE SOUTH	320424	5811077																
	CHESSELL	ST	MELBOURNE SOUTH	320419	5811075																
	CHESSELL	ST	MELBOURNE SOUTH	320416	5811074																
	CHESSELL	ST	MELBOURNE SOUTH	320412	5811072																
	CHESSELL	ST	MELBOURNE SOUTH	320529	5811095																
0	CITY	RD	MELBOURNE SOUTH	320540	5811589	10557769															
0	CITY	RD	MELBOURNE SOUTH	320340	5811293	10556512															
0	CITY	RD	MELBOURNE SOUTH	320346	5811354	21913642															
0	CITY	RD	MELBOURNE SOUTH	320355	5811305	24539000															
0	CITY	RD	MELBOURNE SOUTH	320118	5811118	28333580															
0	CITY	RD	MELBOURNE SOUTH	320108	5811106	28333579															
0	CITY	RD	MELBOURNE SOUTH	320117	5811117	36148576															
0	CITY	RD	MELBOURNE SOUTH	320178	5811116	36186871															
157	CITY	RD	MELBOURNE SOUTH	320567	5811551	10556483															
166	CITY	RD	MELBOURNE SOUTH	320555	5811613	23642460															
167	CITY	RD	MELBOURNE SOUTH	320557	5811534	10556491															
171	CITY	RD	MELBOURNE SOUTH	320543	5811518	10556504															
178	CITY	RD	MELBOURNE SOUTH	320522	5811574	23642479															
186	CITY	RD	MELBOURNE SOUTH	320505	5811550	10557750															
190	CITY	RD	MELBOURNE SOUTH	320480	5811525	23841929															
207	CITY	RD	MELBOURNE SOUTH	320427	5811394	10556467		1.30	1.25	1.20	1.00	0.3	1.2	0.36	1					0	
235	CITY	RD	MELBOURNE SOUTH	320356	5811303	24571887															
239	CITY	RD	MELBOURNE SOUTH	320354	5811297	24539019															
241	CITY	RD	MELBOURNE SOUTH	320336	5811290	24539027										0.919	0.92	0.92	0.92	1	
245	CITY	RD	MELBOURNE SOUTH	320317	5811270	10556520										0.997	1.00	1.00	1.00	1	
248	CITY	RD	MELBOURNE SOUTH	320324	5811376	10557734		1.30	1.25	1.20	1.00	0.3	1.2	0.36	1	0.907	-0.39	-0.34	-0.29	4	
252	CITY	RD	MELBOURNE SOUTH	320321	5811366	10557726		1.30	1.25	1.20	1.00	0.3	1.2	0.36	1	0.787	-0.51	-0.46	-0.41	4	
256	CITY	RD	MELBOURNE SOUTH	320317	5811356	10557718		1.30	1.25	1.20	1.00	0.3	1.0	0.30	1	0.996	-0.30	-0.25	-0.20	4	
260	CITY	RD	MELBOURNE SOUTH	320310	5811342	10557697		1.30	1.25	1.20	0.80	0.5	0.5	0.25	1	0.927	-0.37	-0.32	-0.27	4	
261	CITY	RD	MELBOURNE SOUTH	320312	5811263	10556539		1.30	1.25	1.20	0.80	0.5	0.0	0.00	1						
263	CITY	RD	MELBOURNE SOUTH	320302	5811251	10556547		1.30	1.25	1.20	0.80	0.5	0.0	0.00	1	1.985	0.69	0.74	0.79	1	
268	CITY	RD	MELBOURNE SOUTH	320302	5811327	10557689		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2						
269	CITY	RD	MELBOURNE SOUTH	320262	5811210	10556555		1.30	1.25	1.20	0.80	0.5	0.0	0.00	1	0.883	-0.42	-0.37	-0.32	4	
272	CITY	RD	MELBOURNE SOUTH	320296	5811317	10557670		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2	1.237	-0.06	-0.01	0.04	3	
274	CITY	RD	MELBOURNE SOUTH	320290	5811310	10557662		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2	0.967	-0.33	-0.28	-0.23	4	
276	CITY	RD	MELBOURNE SOUTH	320279	5811297	10557654		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2						
280	CITY	RD	MELBOURNE SOUTH	320277	5811295	10557646		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2						
284	CITY	RD	MELBOURNE SOUTH	320248	5811263	10557638		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2	0.819	-0.48	-0.43	-0.38	4	
285	CITY	RD	MELBOURNE SOUTH	320243	5811189	10556563		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2						
292	CITY	RD	MELBOURNE SOUTH	320235	5811248	10557611		1.30	1.25	1.20	0.80	0.5	1.0	0.50	2	0.769	-0.53	-0.48	-0.43	4	
293	CITY	RD	MELBOURNE SOUTH	320229	5811174	10556571		1.30	1.25	1.20	1.00	0.3	1.0	0.30	1						
296	CITY	RD	MELBOURNE SOUTH	320220	5811232	10557603		1.30	1.25	1.20	1.10	0.2	1.0	0.20	1						
308	CITY	RD	MELBOURNE SOUTH	320210	5811221	10557590		1.30	1.25	1.20	1.20	0.1	1.0	0.10	1						
312	CITY	RD	MELBOURNE SOUTH	320198	5811207	10557582															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
322	CITY	RD	MELBOURNE SOUTH	320152	5811156	10557574															
334	CITY	RD	MELBOURNE SOUTH	320130	5811131	10557566															
	CITY	RD	SOUTH MELBOURNE	320285	5811305																
	CITY	RD	SOUTH MELBOURNE	320277	5811296																
	CITY	RD	SOUTH MELBOURNE	320114	5811119																
	CITY	RD	SOUTH MELBOURNE	320489	5811622																
	CITY	RD	SOUTH MELBOURNE	320178	5811115																
	CITY	RD	MELBOURNE SOUTH	320167	5811105																
	CITY	RD	MELBOURNE SOUTH	320574	5811559																
	CITY	RD	MELBOURNE SOUTH	320231	5811244																
0	CLARENDON	ST	MELBOURNE SOUTH	320076	5811449	28044240															
0	CLARENDON	ST	MELBOURNE SOUTH	320314	5810895	10582278															
1	CLARENDON	ST	MELBOURNE SOUTH	320057	5811547	10582087															
2	CLARENDON	ST	MELBOURNE SOUTH	320021	5811516	10584345															
8	CLARENDON	ST	MELBOURNE SOUTH	320027	5811500	10584329															
8	CLARENDON	ST	MELBOURNE SOUTH	320026	5811502	24420544															
24	CLARENDON	ST	MELBOURNE SOUTH	320032	5811486	10584310															
28	CLARENDON	ST	MELBOURNE SOUTH	320041	5811462	10584302															
36	CLARENDON	ST	MELBOURNE SOUTH	320066	5811402	10584281		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
38	CLARENDON	ST	MELBOURNE SOUTH	320067	5811396	10584285		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
42	CLARENDON	ST	MELBOURNE SOUTH	320087	5811347	10584257															
50	CLARENDON	ST	MELBOURNE SOUTH	320098	5811320	10584249															
51	CLARENDON	ST	MELBOURNE SOUTH	320092	5811463	10582112															
56	CLARENDON	ST	MELBOURNE SOUTH	320107	5811296	10584230															
57	CLARENDON	ST	MELBOURNE SOUTH	320120	5811391	10582083		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
60	CLARENDON	ST	MELBOURNE SOUTH	320112	5811281	10584222		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
63	CLARENDON	ST	MELBOURNE SOUTH	320134	5811368	10582091															
64	CLARENDON	ST	MELBOURNE SOUTH	320118	5811267	10584206															
70	CLARENDON	ST	MELBOURNE SOUTH	320138	5811224	10584193															
71	CLARENDON	ST	MELBOURNE SOUTH	320137	5811365	10582104		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
79	CLARENDON	ST	MELBOURNE SOUTH	320149	5811316	10582075															
93	CLARENDON	ST	MELBOURNE SOUTH	320170	5811262	10582120															
109	CLARENDON	ST	MELBOURNE SOUTH	320215	5811148	10582139															
119	CLARENDON	ST	MELBOURNE SOUTH	320246	5811081	24932160															
143	CLARENDON	ST	MELBOURNE SOUTH	320259	5811034	10582147															
151	CLARENDON	ST	MELBOURNE SOUTH	320266	5811019	10582155															
155	CLARENDON	ST	MELBOURNE SOUTH	320274	5810998	10582163															
157	CLARENDON	ST	MELBOURNE SOUTH	320277	5810989	10582171															
159	CLARENDON	ST	MELBOURNE SOUTH	320279	5810984	10582198															
163	CLARENDON	ST	MELBOURNE SOUTH	320285	5810970	10582200															
173	CLARENDON	ST	MELBOURNE SOUTH	320303	5810923	10582219															
177	CLARENDON	ST	MELBOURNE SOUTH	320306	5810920	10582227															
179	CLARENDON	ST	MELBOURNE SOUTH	320307	5810914	10582235															
183	CLARENDON	ST	MELBOURNE SOUTH	320309	5810908	10582243															
185	CLARENDON	ST	MELBOURNE SOUTH	320311	5810902	10582251															
	CLARENDON	ST	MELBOURNE SOUTH	320310	5810905																
	CLARENDON	ST	MELBOURNE SOUTH	320315	5810891																
	CLARENDON	ST	MELBOURNE SOUTH	320258	5811040																
	CLARENDON	ST	MELBOURNE SOUTH	320262	5811027																
	CLARENDON	ST	MELBOURNE SOUTH	320268	5811014																
	CLARENDON	ST	MELBOURNE SOUTH	320280	5810981																
	CLARENDON	ST	MELBOURNE SOUTH	320065	5811533																
	CLARENDON	ST	MELBOURNE SOUTH	320036	5811613																
	CLARENDON	ST	MELBOURNE SOUTH	320221	5811138																

Melbourne Water Catchment: Port Phillip
Main Drain Name: Hanna Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
1	CLARKE	ST	MELBOURNE SOUTH	320216	5811453	10560490		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
2	CLARKE	ST	MELBOURNE SOUTH	320182	5811436	24479896		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
14	CLARKE	ST	MELBOURNE SOUTH	320203	5811384	10560432		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
17	CLARKE	ST	MELBOURNE SOUTH	320234	5811409	10560503		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
23	CLARKE	ST	MELBOURNE SOUTH	320252	5811369	24571940		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
24	CLARKE	ST	MELBOURNE SOUTH	320227	5811323	10560474		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
30	CLARKE	ST	MELBOURNE SOUTH	320230	5811325	23841873		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
36	CLARKE	ST	MELBOURNE SOUTH	320244	5811289	10560466		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
51	CLARKE	ST	MELBOURNE SOUTH	320320	5811200	24479992		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
54	CLARKE	ST	MELBOURNE SOUTH	320286	5811175	10560458		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
56	CLARKE	ST	MELBOURNE SOUTH	320289	5811166	10560431		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
58	CLARKE	ST	MELBOURNE SOUTH	320299	5811140	10560423		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1	1.225	0.13	0.13	0.13	0	
60	CLARKE	ST	MELBOURNE SOUTH	320335	5811048	10560415		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1	1.753	0.65	0.65	0.65	0	
67	CLARKE	ST	MELBOURNE SOUTH	320333	5811153	10560511		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1	1.055	-0.05	-0.05	-0.05	4	
68	CLARKE	ST	MELBOURNE SOUTH	320348	5811017	10560407															
70	CLARKE	ST	MELBOURNE SOUTH	320379	5810936	10560394															
76	CLARKE	ST	MELBOURNE SOUTH	320384	5810923	10560386															
83	CLARKE	ST	MELBOURNE SOUTH	320384	5811025	10560538															
101	CLARKE	ST	MELBOURNE SOUTH	320417	5810940	10560546															
	CLARKE	ST	MELBOURNE SOUTH	320381	5810932																
	CLARKE	ST	MELBOURNE SOUTH	320382	5810929																
	CLARKE	ST	MELBOURNE SOUTH	320333	5811055																
	CLARKE	ST	MELBOURNE SOUTH	320336	5811045																
	CLARKE	ST	MELBOURNE SOUTH	320338	5811041																
	CLARKE	ST	MELBOURNE SOUTH	320386	5811018																
	CLARKE	ST	MELBOURNE SOUTH	320388	5811013																
0	COBDEN	ST	MELBOURNE SOUTH	321042	5810364	36372244															
0	COBDEN	ST	MELBOURNE SOUTH	320962	5810322	10570007															
1	COBDEN	ST	MELBOURNE SOUTH	321216	5810505	10569997		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
8	COBDEN	ST	MELBOURNE SOUTH	321136	5810443	10569989		2.40	2.30	2.10	1.60	0.8	0.2	0.16	1	1.839	-0.56	-0.46	-0.26	4	
16	COBDEN	ST	MELBOURNE SOUTH	321130	5810434	10569970		2.40	2.30	2.10	1.60	0.8	0.2	0.16	1	2.209	-0.19	-0.09	0.11	3	
18	COBDEN	ST	MELBOURNE SOUTH	321127	5810430	10569962		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.149	-0.25	-0.15	0.05	3	
20	COBDEN	ST	MELBOURNE SOUTH	321124	5810426	10569954		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.046	-0.35	-0.25	-0.05	4	
22	COBDEN	ST	MELBOURNE SOUTH	321121	5810422	10569946		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.174	-0.23	-0.13	0.07	3	
22	COBDEN	ST	MELBOURNE SOUTH	321118	5810418	10570015		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.194	-0.21	-0.11	0.09	3	
23	COBDEN	ST	MELBOURNE SOUTH	321150	5810413	10569938		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.526	0.13	0.23	0.43	1	
24	COBDEN	ST	MELBOURNE SOUTH	321115	5810414	10570023		2.40	2.30	2.10	1.80	0.6	0.2	0.12	1	2.084	-0.32	-0.22	-0.02	4	
25	COBDEN	ST	MELBOURNE SOUTH	321146	5810408	10569911		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.459	0.06	0.16	0.36	1	
26	COBDEN	ST	MELBOURNE SOUTH	321110	5810409	10570031		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	1.931	-0.47	-0.37	-0.17	4	
27	COBDEN	ST	MELBOURNE SOUTH	321143	5810405	23003833		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.422	0.02	0.12	0.32	1	
28	COBDEN	ST	MELBOURNE SOUTH	321104	5810402	10570058		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.366	-0.03	0.07	0.27	2	
29	COBDEN	ST	MELBOURNE SOUTH	321138	5810399	10570066		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.096	-0.30	-0.20	0.00	4	
33	COBDEN	ST	MELBOURNE SOUTH	321131	5810391	10570074		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.448	0.05	0.15	0.35	1	
35	COBDEN	ST	MELBOURNE SOUTH	321127	5810387	10570082		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.396	0.00	0.10	0.30	2	
37	COBDEN	ST	MELBOURNE SOUTH	321124	5810384	10570090		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.396	0.00	0.10	0.30	2	
39	COBDEN	ST	MELBOURNE SOUTH	321121	5810381	10570103		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.543	0.14	0.24	0.44	1	
41	COBDEN	ST	MELBOURNE SOUTH	321117	5810378	10570111		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.543	0.14	0.24	0.44	1	
43	COBDEN	ST	MELBOURNE SOUTH	321064	5810326	10570138		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.84	0.44	0.54	0.74	1	
45	COBDEN	ST	MELBOURNE SOUTH	321057	5810321	10570146		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
47	COBDEN	ST	MELBOURNE SOUTH	321052	5810318	10570154		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
49	COBDEN	ST	MELBOURNE SOUTH	321049	5810316	10570162		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1	2.771	0.37	0.47	0.67	1	
51	COBDEN	ST	MELBOURNE SOUTH	321044	5810313	10570170		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1	2.828	0.43	0.53	0.73	1	
53	COBDEN	ST	MELBOURNE SOUTH	321040	5810310	10570189		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
55	COBDEN	ST	MELBOURNE SOUTH	321037	5810308	10570197		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
57	COBDEN	ST	MELBOURNE SOUTH	321032	5810306	10570218		2.40	2.30	2.10	2.60	0.0	0.0	0.00	1					0	
59	COBDEN	ST	MELBOURNE SOUTH	321028	5810303	10570226															
61	COBDEN	ST	MELBOURNE SOUTH	321024	5810301	10570234															
63	COBDEN	ST	MELBOURNE SOUTH	321020	5810298	10570242															
65	COBDEN	ST	MELBOURNE SOUTH	321017	5810296	10570250															
67	COBDEN	ST	MELBOURNE SOUTH	321008	5810294	10570269															
69	COBDEN	ST	MELBOURNE SOUTH	321002	5810290	10570277															
71	COBDEN	ST	MELBOURNE SOUTH	320997	5810289	10569890															
72	COBDEN	ST	MELBOURNE SOUTH	320914	5810286	10570285															
73	COBDEN	ST	MELBOURNE SOUTH	320991	5810286	10570293															
75	COBDEN	ST	MELBOURNE SOUTH	320927	5810261	10569882															
76	COBDEN	ST	MELBOURNE SOUTH	320901	5810281	10570306															
77	COBDEN	ST	MELBOURNE SOUTH	320920	5810258	10569874															
78	COBDEN	ST	MELBOURNE SOUTH	320897	5810279	10570314															
79	COBDEN	ST	MELBOURNE SOUTH	320914	5810256	10570322															
81	COBDEN	ST	MELBOURNE SOUTH	320910	5810254	10569866															
82	COBDEN	ST	MELBOURNE SOUTH	320891	5810277	10570330															
83	COBDEN	ST	MELBOURNE SOUTH	320905	5810252	10569858															
84	COBDEN	ST	MELBOURNE SOUTH	320887	5810276	10570349															
85	COBDEN	ST	MELBOURNE SOUTH	320900	5810250	10569831															
86	COBDEN	ST	MELBOURNE SOUTH	320883	5810274	10569823															
88	COBDEN	ST	MELBOURNE SOUTH	320875	5810270	10570357															
89	COBDEN	ST	MELBOURNE SOUTH	320893	5810247	10569815															
90	COBDEN	ST	MELBOURNE SOUTH	320867	5810268	10570365															
91	COBDEN	ST	MELBOURNE SOUTH	320886	5810245	10569807															
92	COBDEN	ST	MELBOURNE SOUTH	320861	5810265	10570373															
93	COBDEN	ST	MELBOURNE SOUTH	320878	5810242	10569794															
94	COBDEN	ST	MELBOURNE SOUTH	320853	5810262	10570381															
95	COBDEN	ST	MELBOURNE SOUTH	320871	5810239	10569786															
96	COBDEN	ST	MELBOURNE SOUTH	320848	5810260	10570402															
97	COBDEN	ST	MELBOURNE SOUTH	320863	5810236	10569778															
98	COBDEN	ST	MELBOURNE SOUTH	320843	5810258	10570410															
99	COBDEN	ST	MELBOURNE SOUTH	320857	5810234	10569751															
100	COBDEN	ST	MELBOURNE SOUTH	320838	5810256	10570429															
101	COBDEN	ST	MELBOURNE SOUTH	320848	5810231	10570437															
103	COBDEN	ST	MELBOURNE SOUTH	320843	5810228																
	COBDEN	ST	MELBOURNE SOUTH	320832	5810266																
	COBDEN	ST	MELBOURNE SOUTH	320908	5810301																
	COBDEN	ST	MELBOURNE SOUTH	321134	5810395	36372252															
0	COVENTRY	ST	MELBOURNE SOUTH	321047	5810930	10550508															
49	COVENTRY	ST	MELBOURNE SOUTH	321129	5810962	10550444															
55	COVENTRY	ST	MELBOURNE SOUTH	321099	5810951	10550460															
63	COVENTRY	ST	MELBOURNE SOUTH	321066	5810938	10550495															
71	COVENTRY	ST	MELBOURNE SOUTH	321044	5810926	10550518															
73	COVENTRY	ST	MELBOURNE SOUTH	321037	5810927	10550524															
77	COVENTRY	ST	MELBOURNE SOUTH	321018	5810915	10550487															
85	COVENTRY	ST	MELBOURNE SOUTH	320987	5810907	10550540															
91	COVENTRY	ST	MELBOURNE SOUTH	320941	5810889	23111037															
157	COVENTRY	ST	MELBOURNE SOUTH	320776	5810826	10550583															
162	COVENTRY	ST	MELBOURNE SOUTH	320739	5810861	10550356		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1	1.73	-0.04	0.03	0.13	2	
167	COVENTRY	ST	MELBOURNE SOUTH	320736	5810812	10550604		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					1	
172	COVENTRY	ST	MELBOURNE SOUTH	320722	5810855	10550348		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					1	
174	COVENTRY	ST	MELBOURNE SOUTH	320718	5810855	10550321		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					1	
175	COVENTRY	ST	MELBOURNE SOUTH	320695	5810795	10550612		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					0	

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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
176	COVENTRY	ST	MELBOURNE SOUTH	320715	5810852	10550313		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					0	
178	COVENTRY	ST	MELBOURNE SOUTH	320711	5810850	10550305		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					0	
180	COVENTRY	ST	MELBOURNE SOUTH	320705	5810848	10550292		1.77	1.70	1.60	1.70	0.1	0.5	0.04	1					0	
181	COVENTRY	ST	MELBOURNE SOUTH	320680	5810788	10550620															
182	COVENTRY	ST	MELBOURNE SOUTH	320693	5810844	10550276															
184	COVENTRY	ST	MELBOURNE SOUTH	320688	5810841	10550284															
186	COVENTRY	ST	MELBOURNE SOUTH	320684	5810840	10550266															
187	COVENTRY	ST	MELBOURNE SOUTH	320643	5810776	10550639															
188	COVENTRY	ST	MELBOURNE SOUTH	320679	5810838	10550241															
190	COVENTRY	ST	MELBOURNE SOUTH	320672	5810836	10550233															
192	COVENTRY	ST	MELBOURNE SOUTH	320663	5810832	10550225															
197	COVENTRY	ST	MELBOURNE SOUTH	320622	5810768	10550647															
198	COVENTRY	ST	MELBOURNE SOUTH	320629	5810818	10550217															
102	DODDS	ST	MELBOURNE SOUTH	320962	5811048	10575924															
0	DORCAS	ST	MELBOURNE SOUTH	320762	5810679	10548758															
0	DORCAS	ST	MELBOURNE SOUTH	320825	5810749	21917301															
11	DORCAS	ST	MELBOURNE SOUTH	321264	5810870	10548635															
17	DORCAS	ST	MELBOURNE SOUTH	321247	5810865	10548643															
19	DORCAS	ST	MELBOURNE SOUTH	321236	5810862	10548651															
21	DORCAS	ST	MELBOURNE SOUTH	321227	5810860	10548678															
23	DORCAS	ST	MELBOURNE SOUTH	321221	5810858	10548686															
25	DORCAS	ST	MELBOURNE SOUTH	321215	5810857	22066975															
26	DORCAS	ST	MELBOURNE SOUTH	321159	5810877	10548555															
27	DORCAS	ST	MELBOURNE SOUTH	321209	5810855	10575748															
34	DORCAS	ST	MELBOURNE SOUTH	321144	5810871	10548547															
38	DORCAS	ST	MELBOURNE SOUTH	321130	5810868	10548539															
42	DORCAS	ST	MELBOURNE SOUTH	321077	5810854	10548512															
68	DORCAS	ST	MELBOURNE SOUTH	321027	5810837	10548504															
70	DORCAS	ST	MELBOURNE SOUTH	321013	5810830	10548491															
72	DORCAS	ST	MELBOURNE SOUTH	320972	5810808	10548483															
127	DORCAS	ST	MELBOURNE SOUTH	320854	5810716	10548715		1.90	1.80	1.70	1.00	0.9	0.7	0.63	2	1.396	-0.50	-0.40	-0.30	4	
142	DORCAS	ST	MELBOURNE SOUTH	320735	5810718	10548475															
149	DORCAS	ST	MELBOURNE SOUTH	320779	5810686	10548731															
151	DORCAS	ST	MELBOURNE SOUTH	320757	5810682	25343616															
151	DORCAS	ST	SOUTH MELBOURNE	320757	5810682	25343616															
153	DORCAS	ST	MELBOURNE SOUTH	320762	5810684	25343608															
153	DORCAS	ST	SOUTH MELBOURNE	320762	5810684	25343608															
155	DORCAS	ST	MELBOURNE SOUTH	320767	5810686	25343624															
159	DORCAS	ST	MELBOURNE SOUTH	320742	5810672	10548766															
167	DORCAS	ST	MELBOURNE SOUTH	320726	5810666	10548774															
168	DORCAS	ST	MELBOURNE SOUTH	320672	5810694	10548467															
171	DORCAS	ST	MELBOURNE SOUTH	320695	5810655	10548782															
175	DORCAS	ST	MELBOURNE SOUTH	320684	5810650	10548790															
	DORCAS	ST	MELBOURNE SOUTH	320683	5810695																
	DORCAS	ST	MELBOURNE SOUTH	320670	5810690																
	DORCAS	ST	MELBOURNE SOUTH	320664	5810688																
	DORCAS	ST	MELBOURNE SOUTH	320724	5810712																
	DORCAS	ST	MELBOURNE SOUTH	320719	5810709																
	DORCAS	ST	MELBOURNE SOUTH	320713	5810707																
	DORCAS	ST	MELBOURNE SOUTH	320708	5810705																
	DORCAS	ST	MELBOURNE SOUTH	320766	5810728																
	DORCAS	ST	MELBOURNE SOUTH	321166	5810866																
	DORCAS	ST	MELBOURNE SOUTH	321115	5810867																
	DORCAS	ST	MELBOURNE SOUTH	321101	5810862																

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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
1	DOW	ST	MELBOURNE SOUTH	320853	5810373	25379520															
3	DOW	ST	MELBOURNE SOUTH	320848	5810371	25379539															
8	DOW	ST	MELBOURNE SOUTH	320817	5810386	10566753															
10	DOW	ST	MELBOURNE SOUTH	320812	5810384	10566745															
12	DOW	ST	MELBOURNE SOUTH	320804	5810381	10566736															
13	DOW	ST	MELBOURNE SOUTH	320837	5810367	10566761															
17	DOW	ST	MELBOURNE SOUTH	320821	5810360	10566788															
18	DOW	ST	MELBOURNE SOUTH	320797	5810378	10566729															
20	DOW	ST	MELBOURNE SOUTH	320793	5810376	10566710															
22	DOW	ST	MELBOURNE SOUTH	320788	5810374	10566702															
23	DOW	ST	MELBOURNE SOUTH	320803	5810353	25379539															
	DOW	ST	SOUTH MELBOURNE	320804	5810350	25379520															
	DOW	ST	MELBOURNE SOUTH	320831	5810363																
	DOW	ST	MELBOURNE SOUTH	320812	5810355																
	DOW	ST	MELBOURNE SOUTH	320809	5810382																
	DOW	ST	MELBOURNE SOUTH	320802	5810380																
0	EASTERN	RD	MELBOURNE SOUTH	320934	5810425	10577823															
0	EASTERN	RD	MELBOURNE SOUTH	320850	5810508	10577938															
0	EASTERN	RD	MELBOURNE SOUTH	320880	5810415	23147291															
0	EASTERN	RD	MELBOURNE SOUTH	320979	5810230	23804968															
2	EASTERN	RD	MELBOURNE SOUTH	320712	5810778	10577855															
5	EASTERN	RD	MELBOURNE SOUTH	320756	5810784	10577663															
8	EASTERN	RD	MELBOURNE SOUTH	320724	5810764	10577647															
11	EASTERN	RD	MELBOURNE SOUTH	320817	5810694	23639157															
16	EASTERN	RD	MELBOURNE SOUTH	320733	5810755	10577639															
18	EASTERN	RD	MELBOURNE SOUTH	320740	5810748	10577620															
24	EASTERN	RD	MELBOURNE SOUTH	320786	5810670	10577591															
28	EASTERN	RD	MELBOURNE SOUTH	320789	5810663	10577583															
30	EASTERN	RD	MELBOURNE SOUTH	320792	5810654	10577575															
31	EASTERN	RD	MELBOURNE SOUTH	320830	5810664	23639165															
34	EASTERN	RD	MELBOURNE SOUTH	320800	5810634	10577567															
44	EASTERN	RD	MELBOURNE SOUTH	320919	5810325	10577559															
46	EASTERN	RD	MELBOURNE SOUTH	320921	5810320	10577540															
48	EASTERN	RD	MELBOURNE SOUTH	320924	5810312	10577532															
51	EASTERN	RD	MELBOURNE SOUTH	320859	5810583	10577671															
52	EASTERN	RD	MELBOURNE SOUTH	320929	5810302	10577524															
53	EASTERN	RD	MELBOURNE SOUTH	320861	5810577	10577698															
54	EASTERN	RD	MELBOURNE SOUTH	320933	5810291	10577516															
55	EASTERN	RD	MELBOURNE SOUTH	320863	5810573	10577700															
56	EASTERN	RD	MELBOURNE SOUTH	320941	5810270	10577508															
57	EASTERN	RD	MELBOURNE SOUTH	320865	5810568	10577719															
59	EASTERN	RD	MELBOURNE SOUTH	320867	5810564	10577727															
60	EASTERN	RD	MELBOURNE SOUTH	320945	5810260	10577495															
61	EASTERN	RD	MELBOURNE SOUTH	320868	5810559	10577735															
63	EASTERN	RD	MELBOURNE SOUTH	320870	5810554	10577743															
65	EASTERN	RD	MELBOURNE SOUTH	320872	5810550	10577751															
67	EASTERN	RD	MELBOURNE SOUTH	320874	5810545	10577778															
68	EASTERN	RD	MELBOURNE SOUTH	320967	5810203	10577487															
69	EASTERN	RD	MELBOURNE SOUTH	320876	5810540	10577786															
71	EASTERN	RD	MELBOURNE SOUTH	320878	5810535	10577794															
72	EASTERN	RD	MELBOURNE SOUTH	320971	5810194	10577479															
73	EASTERN	RD	MELBOURNE SOUTH	320880	5810529	10577815															
74	EASTERN	RD	MELBOURNE SOUTH	320975	5810180	10577460															
75	EASTERN	RD	MELBOURNE SOUTH	320888	5810509	10577607															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
78	EASTERN	RD	MELBOURNE SOUTH	320992	5810147	10577452															
97	EASTERN	RD	MELBOURNE SOUTH	320922	5810421	10577911															
99	EASTERN	RD	MELBOURNE SOUTH	320936	5810386	10577748															
113	EASTERN	RD	MELBOURNE SOUTH	320961	5810320	10578084															
129	EASTERN	RD	MELBOURNE SOUTH	320976	5810281	10578092															
133	EASTERN	RD	MELBOURNE SOUTH	320979	5810273	10578105															
135	EASTERN	RD	MELBOURNE SOUTH	320981	5810268	10578113															
137	EASTERN	RD	MELBOURNE SOUTH	320983	5810263	10578121															
141	EASTERN	RD	MELBOURNE SOUTH	320986	5810255	10578148															
143	EASTERN	RD	MELBOURNE SOUTH	320988	5810249	10578156															
147	EASTERN	RD	MELBOURNE SOUTH	321001	5810219	10578164															
157	EASTERN	RD	MELBOURNE SOUTH	321009	5810197	10578172															
159	EASTERN	RD	MELBOURNE SOUTH	321012	5810189	10578180															
163	EASTERN	RD	MELBOURNE SOUTH	321022	5810169	10578199															
	EASTERN	RD	SOUTH MELBOURNE	320728	5810762																
	EASTERN	RD	MELBOURNE SOUTH	320701	5810797																
	EASTERN	RD	MELBOURNE SOUTH	320637	5810774																
	EASTERN	RD	MELBOURNE SOUTH	320969	5810199																
	EASTERN	RD	MELBOURNE SOUTH	320981	5810172																
	EASTERN	RD	MELBOURNE SOUTH	320794	5810650																
	EASTERN	RD	MELBOURNE SOUTH	320802	5810626																
	EASTERN	RD	MELBOURNE SOUTH	321004	5810210																
	EASTERN	RD	MELBOURNE SOUTH	321006	5810202																
	EASTERN	RD	MELBOURNE SOUTH	321016	5810180																
	EASTERN	RD	MELBOURNE SOUTH	321030	5810162																
	EASTERN	RD	MELBOURNE SOUTH	320985	5810259																
	EASTERN	RD	MELBOURNE SOUTH	320990	5810245																
0	FITZPATRICK	ST	MELBOURNE SOUTH	320922	5810568	10594236															
0	FITZPATRICK	ST	MELBOURNE SOUTH	320965	5810561	10594199															
0	FITZPATRICK	ST	MELBOURNE SOUTH	320955	5810579	10594244															
3	FITZPATRICK	ST	MELBOURNE SOUTH	320955	5810557	10594201		2.00	1.85	1.75	1.60	0.4	0.0	0.00	1					1	
6	FITZPATRICK	ST	MELBOURNE SOUTH	320922	5810559	23985148		2.00	1.85	1.75	1.60	0.4	0.0	0.00	1					1	
7	FITZPATRICK	ST	MELBOURNE SOUTH	320946	5810553	10594228		2.00	1.85	1.75	1.60	0.4	0.0	0.00	1					1	
8	FITZPATRICK	ST	MELBOURNE SOUTH	320920	5810558	23985156		2.00	1.85	1.75	1.60	0.4	0.0	0.00	1					1	
11	FITZPATRICK	ST	MELBOURNE SOUTH	320942	5810553	23987629		2.00	1.85	1.75	1.60	0.4	0.0	0.00	1					1	
	FITZPATRICK	ST	MELBOURNE SOUTH	320931	5810570																
	FITZPATRICK	ST	MELBOURNE SOUTH	320959	5810580																
	FITZPATRICK	ST	MELBOURNE SOUTH	320946	5810573																
	FITZPATRICK	ST	MELBOURNE SOUTH	320961	5810560																
125	GRANT	ST	MELBOURNE SOUTH	320642	5811168	10559991															
215	GRANT	ST	MELBOURNE SOUTH	320363	5811109	21913562															
0	HAIG	ST	MELBOURNE SOUTH	320045	5811133	28333608															
0	HAIG	ST	MELBOURNE SOUTH	320043	5811131	36148592															
0	HAIG	ST	MELBOURNE SOUTH	320006	5811137	36179868															
5	HAIG	ST	MELBOURNE SOUTH	320271	5811385	24571932		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
23	HAIG	ST	MELBOURNE SOUTH					1.10	1.10	1.10	1.00	0.1	1.0	0.10	1					1	
25	HAIG	ST	MELBOURNE SOUTH	320211	5811320	23841830		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
28	HAIG	ST	MELBOURNE SOUTH	320172	5811329	22024046		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
33	HAIG	ST	MELBOURNE SOUTH	320188	5811293	22061103		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
46	HAIG	ST	MELBOURNE SOUTH	320085	5811239	10557945															
52	HAIG	ST	MELBOURNE SOUTH	320051	5811189	10555042															
57	HAIG	ST	MELBOURNE SOUTH	320074	5811173	10557953															
61	HAIG	ST	MELBOURNE SOUTH	320063	5811154	10557961															
65	HAIG	ST	MELBOURNE SOUTH	320054	5811140	10557968															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
72	HAIG	ST	MELBOURNE SOUTH	320001	5811132	24657760															
	HAIG	ST	SOUTH MELBOURNE	320046	5811129																
	HAIG	ST	MELBOURNE SOUTH	320095	5811249																
	HAIG	ST	MELBOURNE SOUTH	320247	5811365																
11	HANCOCK	ST	MELBOURNE SOUTH	320364	5811166	10581996		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1	0.802	-0.30	-0.30	-0.30	4	
15	HANCOCK	ST	MELBOURNE SOUTH	320348	5811162	10582008		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
33	HANCOCK	ST	MELBOURNE SOUTH	320276	5811134	10582016															
35	HANCOCK	ST	MELBOURNE SOUTH	320268	5811130	10582032															
43	HANCOCK	ST	MELBOURNE SOUTH	320232	5811114	10582040															
	HANCOCK	ST	MELBOURNE SOUTH	320249	5811124																
	HANCOCK	ST	MELBOURNE SOUTH	320260	5811127																
	HANCOCK	ST	MELBOURNE SOUTH	320272	5811132																
0	HEATHER	ST	MELBOURNE SOUTH	320830	5810498	10578260															
0	HEATHER	ST	MELBOURNE SOUTH	320860	5810368	10578228															
1	HEATHER	ST	MELBOURNE SOUTH	320816	5810559	10578498															
2	HEATHER	ST	MELBOURNE SOUTH	320796	5810513	10578295															
5	HEATHER	ST	MELBOURNE SOUTH	320770	5810458	10578287															
6	HEATHER	ST	MELBOURNE SOUTH	320796	5810510	10578279															
7	HEATHER	ST	MELBOURNE SOUTH	320800	5810401	10578252															
9	HEATHER	ST	MELBOURNE SOUTH	320823	5810391	10578244															
10	HEATHER	ST	MELBOURNE SOUTH	320831	5810385	10578236															
11	HEATHER	ST	MELBOURNE SOUTH	320868	5810364	10578201															
13	HEATHER	ST	MELBOURNE SOUTH	320864	5810371	25379504															
15	HEATHER	ST	MELBOURNE SOUTH	320893	5810351	25379512															
	HEATHER	ST	MELBOURNE SOUTH	320887	5810359																
0	KAVANAGH	ST	MELBOURNE SOUTH	320625	5811413	10559123															
70	KAVANAGH	ST	MELBOURNE SOUTH	320636	5811500	10559174															
74	KAVANAGH	ST	MELBOURNE SOUTH	320625	5811489	10559166															
93	KAVANAGH	ST	MELBOURNE SOUTH	320671	5811470	10559043															
95	KAVANAGH	ST	MELBOURNE SOUTH	320660	5811457	10559078															
97	KAVANAGH	ST	MELBOURNE SOUTH	320649	5811445	10559094															
99	KAVANAGH	ST	MELBOURNE SOUTH	320641	5811436	10559107															
101	KAVANAGH	ST	MELBOURNE SOUTH	320636	5811431	10559115															
103	KAVANAGH	ST	MELBOURNE SOUTH	320597	5811383	22903059															
105	KAVANAGH	ST	MELBOURNE SOUTH	320612	5811398	22903040															
109	KAVANAGH	ST	MELBOURNE SOUTH	320573	5811354	22903032															
117	KAVANAGH	ST	MELBOURNE SOUTH	320584	5811369	22903067															
121	KAVANAGH	ST	MELBOURNE SOUTH	320533	5811316	10559158															
	KAVANAGH	ST	MELBOURNE SOUTH	320519	5811292																
2	KINGS	PL	MELBOURNE SOUTH	321235	5810535	10569452															
4	KINGS	PL	MELBOURNE SOUTH	321231	5810536	10569460															
6	KINGS	PL	MELBOURNE SOUTH	321227	5810537	10569479															
8	KINGS	PL	MELBOURNE SOUTH	321221	5810537	10569487															
12	KINGS	PL	MELBOURNE SOUTH	321197	5810540	10569495															
14	KINGS	PL	MELBOURNE SOUTH	321192	5810538	10569508															
16	KINGS	PL	MELBOURNE SOUTH	321188	5810536	10569516															
18	KINGS	PL	MELBOURNE SOUTH	321183	5810534	10569524															
34	KINGS	PL	MELBOURNE SOUTH	321137	5810514	23737582															
	KINGS	WAY	SOUTH MELBOURNE	321036	5810601																
	KINGS	WAY	SOUTH MELBOURNE	321021	5810621																
	KINGS	WAY	MELBOURNE SOUTH	320647	5810986																
	KINGS	WAY	MELBOURNE SOUTH	320639	5811083																
	KINGS	WAY	MELBOURNE SOUTH	320579	5811161																
	KINGS	WAY	MELBOURNE SOUTH	321247	5810378																

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
	KINGS	WAY	MELBOURNE SOUTH	321251	5810375																
	KINGS	WAY	MELBOURNE SOUTH	321265	5810367																
	KINGS	WAY	MELBOURNE SOUTH	321269	5810365																
	KINGS	WAY	MELBOURNE SOUTH	321205	5810542																
0	KINGS	WY	MELBOURNE SOUTH	320846	5810833	10579511															
0	KINGS	WY	MELBOURNE SOUTH	320298	5811399	10579431															
1	KINGS	WY	MELBOURNE SOUTH	320260	5811535	10579458		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
7	KINGS	WY	MELBOURNE SOUTH	320275	5811517	10579466		1.10	1.10	1.10	0.80	0.3	0.0	0.00	1					1	
15	KINGS	WY	MELBOURNE SOUTH	320313	5811472	10579474		1.10	1.10	1.10	0.90	0.2	0.0	0.00	1					1	
22	KINGS	WY	MELBOURNE SOUTH	320295	5811363	24571924															
63	KINGS	WY	MELBOURNE SOUTH	320504	5811257	10579482		1.60	1.50	1.40	1.00	0.6	1.0	0.60	2					1	
85	KINGS	WY	MELBOURNE SOUTH	320536	5811219	10579490		1.70	1.60	1.50	1.00	0.7	0.5	0.35	1					1	
96	KINGS	WY	MELBOURNE SOUTH	320512	5811146	10579423															
104	KINGS	WY	MELBOURNE SOUTH	320527	5811128	10579415															
116	KINGS	WY	MELBOURNE SOUTH	320560	5811088	10579407															
151	KINGS	WY	MELBOURNE SOUTH	320676	5811046	10579503		1.72	1.62	1.46	1.00	0.7	0.5	0.36	1	1.88	0.16	0.26	0.42	1	
164	KINGS	WY	MELBOURNE SOUTH	320607	5811032	23929971		1.72	1.62	1.46	1.00	0.7	0.5	0.36	1	1.945	0.23	0.33	0.49	1	
180	KINGS	WY	MELBOURNE SOUTH	320632	5810999	23929963		1.73	1.63	1.47	1.00	0.7	0.5	0.37	1	1.915	0.19	0.29	0.45	1	
184	KINGS	WY	MELBOURNE SOUTH	320650	5810982	10579378		1.74	1.64	1.48	1.00	0.7	0.5	0.37	1	1	-0.74	-0.64	-0.48	4	
186	KINGS	WY	MELBOURNE SOUTH	320652	5810978	10579351		1.74	1.64	1.48	1.00	0.7	0.5	0.37	1	1.165	-0.58	-0.48	-0.32	4	
188	KINGS	WY	MELBOURNE SOUTH	320657	5810970	10579343		1.74	1.64	1.48	1.10	0.6	0.6	0.38	1	1.255	-0.49	-0.39	-0.23	4	
194	KINGS	WY	MELBOURNE SOUTH	320712	5810903	10579335		1.75	1.65	1.50	1.20	0.6	0.6	0.33	1	1.595	-0.16	-0.05	0.10	3	
209	KINGS	WY	MELBOURNE SOUTH	320950	5810705	10579538		1.95	1.80	1.70	1.40	0.6	0.4	0.22	1						
222	KINGS	WY	MELBOURNE SOUTH	320787	5810811	10579327		1.80	1.70	1.60	1.30	0.5	0.4	0.20	1						
231	KINGS	WY	MELBOURNE SOUTH	321029	5810618	10562015		2.00	1.90	1.75	1.40	0.6	0.4	0.24	1	2.302	0.30	0.40	0.55	1	
240	KINGS	WY	MELBOURNE SOUTH	320864	5810719	10579319		1.90	1.75	1.65	1.00	0.9	0.4	0.36	1	1.465	-0.44	-0.29	-0.19	4	
244	KINGS	WY	MELBOURNE SOUTH	320872	5810707	10579300		1.92	1.78	1.68	1.20	0.7	0.4	0.29	1						
248	KINGS	WY	MELBOURNE SOUTH	320882	5810693	10579271		1.95	1.80	1.70	1.20	0.8	0.4	0.30	1	1.817	-0.13	0.02	0.12	2	
251	KINGS	WY	MELBOURNE SOUTH	321045	5810592	10579546		2.15	1.90	1.80	1.60	0.6	0.4	0.22	1						
256	KINGS	WY	MELBOURNE SOUTH	320902	5810670	10579263		1.95	1.80	1.70	1.20	0.8	0.4	0.30	1	1.992	0.04	0.19	0.29	1	
264	KINGS	WY	MELBOURNE SOUTH	320962	5810595	10579255		2.00	1.90	1.75	1.40	0.6	0.4	0.24	1					1	
278	KINGS	WY	MELBOURNE SOUTH	320981	5810573	10579247		2.15	1.90	1.80	1.60	0.6	0.4	0.22	1					1	
280	KINGS	WY	MELBOURNE SOUTH	320987	5810564	10579239		2.15	1.90	1.80	1.60	0.6	0.4	0.22	1					1	
282	KINGS	WY	MELBOURNE SOUTH	320988	5810564	10579220															
311	KINGS	WY	MELBOURNE SOUTH	321138	5810517	10569532		2.45	2.45	2.45	1.60	0.9	0.1	0.09	1	1.85	-0.60	-0.60	-0.60	4	
313	KINGS	WY	MELBOURNE SOUTH	321173	5810491	10568943		2.50	2.50	2.50	1.60	0.9	0.1	0.09	1					1	
318	KINGS	WY	MELBOURNE SOUTH	321166	5810429	10579132		2.50	2.50	2.50	1.60	0.9	0.1	0.09	1					1	
320	KINGS	WY	MELBOURNE SOUTH	321176	5810421	10579124		2.45	2.45	2.45	1.60	0.9	0.1	0.09	1	1.776	-0.67	-0.67	-0.67	4	
326	KINGS	WY	MELBOURNE SOUTH	321238	5810384	10579116		2.55	2.50	2.50	1.90	0.7	0.1	0.07	1	2.574	0.02	0.07	0.07	1	
330	KINGS	WY	MELBOURNE SOUTH	321242	5810381	10579108		2.60	2.50	2.50	2.00	0.6	0.1	0.06	1						
336	KINGS	WY	MELBOURNE SOUTH	321254	5810374	10579095		2.61	2.50	2.50	2.00	0.6	0.1	0.06	1						
338	KINGS	WY	MELBOURNE SOUTH	321259	5810371	10579087		2.61	2.50	2.50	2.00	0.6	0.1	0.06	1						
340	KINGS	WY	MELBOURNE SOUTH	321263	5810369	10579079		2.62	2.50	2.50	2.00	0.6	0.1	0.06	1						
346	KINGS	WY	MELBOURNE SOUTH	321272	5810363	10579060		2.62	2.50	2.50	2.00	0.6	0.1	0.06	1	2.489	-0.13	-0.01	-0.01	4	
0	LAKESIDE	DR	MELBOURNE	321430	5810038	21917272															
0	LAW	ST	MELBOURNE SOUTH	320930	5810552	10579554															
1	LAW	ST	MELBOURNE SOUTH	320919	5810573	28163944															
2	LAW	ST	MELBOURNE SOUTH	320898	5810576	10579669															
3	LAW	ST	MELBOURNE SOUTH	320923	5810563	28163952															
4	LAW	ST	MELBOURNE SOUTH	320899	5810572	10579650															
5	LAW	ST	MELBOURNE SOUTH	320934	5810546	10579562															
6	LAW	ST	MELBOURNE SOUTH	320901	5810568	10579642															
7	LAW	ST	MELBOURNE SOUTH	320936	5810542	10579570															
8	LAW	ST	MELBOURNE SOUTH	320903	5810563	10579634															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
9	LAW	ST	MELBOURNE SOUTH	320938	5810538	10579589															
10	LAW	ST	MELBOURNE SOUTH	320904	5810560	10579626															
12	LAW	ST	MELBOURNE SOUTH	320906	5810556	10579618															
14	LAW	ST	MELBOURNE SOUTH	320908	5810552	10579597															
	LAW	ST	MELBOURNE SOUTH	320910	5810546																
	LAW	ST	MELBOURNE SOUTH	320912	5810540																
	LAW	ST	MELBOURNE SOUTH	320914	5810533																
	LITTLE BANK	ST	SOUTH MELBOURNE	321096	5810614																
	LITTLE BANK	ST	SOUTH MELBOURNE	321195	5810675																
0	LITTLEBANK	ST	MELBOURNE SOUTH	321095	5810612	36792580															
13	LITTLEBANK	ST	MELBOURNE SOUTH	321064	5810600	10575705		2.10	2.00	1.85	1.80	0.3	0.0	0.00	1					1	
17	MARKET	ST	MELBOURNE SOUTH	320424	5810971	10554613															
22	MARKET	ST	MELBOURNE SOUTH	320434	5811025	10554605										1.765	1.77	1.77	1.77	1	
26	MARKET	ST	MELBOURNE SOUTH	320423	5811020	10554592										1.682	1.68	1.68	1.68	1	
28	MARKET	ST	MELBOURNE SOUTH	320418	5811018	10554584										1.822	1.82	1.82	1.82	1	
30	MARKET	ST	MELBOURNE SOUTH	320413	5811017	10554576										1.85	1.85	1.85	1.85	1	
32	MARKET	ST	MELBOURNE SOUTH	320408	5811015	10554568										1.962	1.96	1.96	1.96	1	
34	MARKET	ST	MELBOURNE SOUTH	320396	5811007	10554541															
35	MARKET	ST	MELBOURNE SOUTH	320376	5810952	10554621															
38	MARKET	ST	MELBOURNE SOUTH	320336	5810986	22024126															
39	MARKET	ST	MELBOURNE SOUTH	320362	5810946	10554648															
49	MARKET	ST	MELBOURNE SOUTH	320339	5810937	10554656															
53	MARKET	ST	MELBOURNE SOUTH	320327	5810932	10554664															
	MARKET	ST	MELBOURNE SOUTH	320454	5810985																
	MARKET	ST	MELBOURNE SOUTH	320548	5811018																
	MARKET	ST	MELBOURNE SOUTH	320369	5810949																
	MARKET	ST	MELBOURNE SOUTH	320358	5810945																
	MARKET	ST	MELBOURNE SOUTH	320355	5810943																
	MARKET	ST	MELBOURNE SOUTH	320351	5810942																
	MARKET	ST	MELBOURNE SOUTH	320347	5810940																
	MARKET	ST	MELBOURNE SOUTH	320343	5810938																
	MARKET	ST	MELBOURNE SOUTH	320440	5811027																
	MARKET	ST	MELBOURNE SOUTH	320558	5811069																
5	MCGOWAN	ST	MELBOURNE SOUTH	320707	5811363	10559932															
6	MCGOWAN	ST	MELBOURNE SOUTH	320705	5811413	10559342															
	MCGOWAN	ST	MELBOURNE SOUTH	320729	5811387																
0	MILES	ST	MELBOURNE SOUTH	320788	5811100	22734056															
1	MILES	ST	MELBOURNE SOUTH	321055	5811049	24479976															
7	MILES	ST	MELBOURNE SOUTH	321060	5811049	26150078															
	MILES	ST	SOUTH MELBOURNE	320840	5811089																
1	MILLERS	L	MELBOURNE SOUTH	321219	5810546	10576118															
177	MOORE	ST	MELBOURNE SOUTH	320750	5810958	10559350															
0	MORAY	ST	MELBOURNE SOUTH	320453	5811051	10581275															
0	MORAY	ST	MELBOURNE SOUTH	320628	5810740	22836589															
0	MORAY	ST	MELBOURNE SOUTH	320356	5811144	28328403															
0	MORAY	ST	MELBOURNE SOUTH	320395	5811161	28328411															
0	MORAY	ST	MELBOURNE SOUTH	320358	5811134	28328438															
0	MORAY	ST	MELBOURNE SOUTH	320400	5811151	28328446															
0	MORAY	ST	MELBOURNE SOUTH	320376	5811090	28328454															
0	MORAY	ST	MELBOURNE SOUTH	320417	5811106	28328462															
0	MORAY	ST	MELBOURNE SOUTH	320385	5811067	28328470															
0	MORAY	ST	MELBOURNE SOUTH	320681	5810583	36305850															
0	MORAY	ST	MELBOURNE SOUTH	320684	5810575	36305869															
0	MORAY	ST	MELBOURNE SOUTH	320579	5810860	10579773															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
2	MORAY	ST	MELBOURNE SOUTH	320353	5811314	24571695		1.30	1.25	1.20	1.00	0.3	1.2	0.36	1	1.037	-0.26	-0.21	-0.16	4	
4	MORAY	ST	MELBOURNE SOUTH	320358	5811300	23267875		1.30	1.25	1.20	1.00	0.3	1.2	0.36	1	1.007	-0.29	-0.24	-0.19	4	
7	MORAY	ST	MELBOURNE SOUTH	320424	5811248	10579677		1.45	1.35	1.25	1.00	0.5	1.0	0.45	2					1	
8	MORAY	ST	MELBOURNE SOUTH	320358	5811293	23267883		1.30	1.25	1.20	1.00	0.3	1.0	0.30	1	1.077	-0.22	-0.17	-0.12	4	
9	MORAY	ST	MELBOURNE SOUTH	320432	5811230	10581355														1	
14	MORAY	ST	MELBOURNE SOUTH	320365	5811276	10581347		1.45	1.35	1.25	1.10	0.4	1.0	0.35	1					1	
18	MORAY	ST	MELBOURNE SOUTH	320371	5811259	24657795		1.45	1.35	1.25	1.00	0.5	1.0	0.45	2	1.057	-0.39	-0.29	-0.19	4	
21	MORAY	ST	MELBOURNE SOUTH	320443	5811206	23979848		1.60	1.50	1.40	1.00	0.6	0.5	0.30	1					1	
25	MORAY	ST	MELBOURNE SOUTH	320454	5811179	10581339		1.60	1.50	1.40	1.00	0.6	0.5	0.30	1					1	
26	MORAY	ST	MELBOURNE SOUTH	320386	5811222	10581320		1.45	1.35	1.25	1.00	0.5	1.0	0.45	2					1	
42	MORAY	ST	MELBOURNE SOUTH	320403	5811181	10579693		1.60	1.50	1.40	1.00	0.6	0.5	0.30	1	1.292	-0.31	-0.21	-0.11	4	
49	MORAY	ST	MELBOURNE SOUTH	320479	5811113	10579706															
65	MORAY	ST	MELBOURNE SOUTH	320498	5811064	10581291										1.312	1.31	1.31	1.31	1	
66	MORAY	ST	MELBOURNE SOUTH	320438	5811090	10581283		1.70	1.60	1.50	1.40	0.3	0.1	0.03	1						
78	MORAY	ST	MELBOURNE SOUTH	320449	5811062	10579714										1.545	1.55	1.55	1.55	1	
81	MORAY	ST	MELBOURNE SOUTH	320521	5811007	24158905		1.70	1.60	1.50	1.40	0.3	0.1	0.03	1	1.879	0.18	0.28	0.38	1	
84	MORAY	ST	MELBOURNE SOUTH	320451	5811051	24159913										1.71	1.71	1.71	1.71	1	
86	MORAY	ST	MELBOURNE SOUTH	320454	5811049	10579722															
89	MORAY	ST	MELBOURNE SOUTH	320534	5810974	10581267															
90	MORAY	ST	MELBOURNE SOUTH	320459	5811037	10581259															
98	MORAY	ST	MELBOURNE SOUTH	320478	5810989	10581240															
108	MORAY	ST	MELBOURNE SOUTH	320486	5810967	10579730															
113	MORAY	ST	MELBOURNE SOUTH	320547	5810940	10579749															
117	MORAY	ST	MELBOURNE SOUTH	320552	5810927	10579757															
121	MORAY	ST	MELBOURNE SOUTH	320566	5810891	10579765															
123	MORAY	ST	MELBOURNE SOUTH	320569	5810881	10579781															
141	MORAY	ST	MELBOURNE SOUTH	320590	5810844	10579802															
145	MORAY	ST	MELBOURNE SOUTH	320588	5810834	10579810															
147	MORAY	ST	MELBOURNE SOUTH	320595	5810816	10579829															
161	MORAY	ST	MELBOURNE SOUTH	320611	5810764	10579837															
165	MORAY	ST	MELBOURNE SOUTH	320618	5810757	10579845															
167	MORAY	ST	MELBOURNE SOUTH	320622	5810748	10579853															
171	MORAY	ST	MELBOURNE SOUTH	320625	5810740	10579861															
173	MORAY	ST	MELBOURNE SOUTH	320626	5810736	10579886															
175	MORAY	ST	MELBOURNE SOUTH	320628	5810731	10579886															
177	MORAY	ST	MELBOURNE SOUTH	320630	5810726	10579909															
179	MORAY	ST	MELBOURNE SOUTH	320633	5810719	10579917															
183	MORAY	ST	MELBOURNE SOUTH	320636	5810711	10579925															
185	MORAY	ST	MELBOURNE SOUTH	320638	5810707	10579933															
187	MORAY	ST	MELBOURNE SOUTH	320644	5810692	10579941															
199	MORAY	ST	MELBOURNE SOUTH	320665	5810636	10579968															
209	MORAY	ST	MELBOURNE SOUTH	320674	5810613	10579976															
215	MORAY	ST	MELBOURNE SOUTH	320679	5810602	10579984															
217	MORAY	ST	MELBOURNE SOUTH	320680	5810597	10579992															
219	MORAY	ST	MELBOURNE SOUTH	320683	5810592	10580002															
221	MORAY	ST	MELBOURNE SOUTH	320685	5810587	10580010															
223	MORAY	ST	MELBOURNE SOUTH	320688	5810579	10580029															
229	MORAY	ST	MELBOURNE SOUTH	320691	5810570	10580037															
233	MORAY	ST	MELBOURNE SOUTH	320695	5810561	10580045															
237	MORAY	ST	MELBOURNE SOUTH	320709	5810524	10580053															
241	MORAY	ST	MELBOURNE SOUTH	320714	5810511	10580061															
245	MORAY	ST	MELBOURNE SOUTH	320717	5810504	10580088															
247	MORAY	ST	MELBOURNE SOUTH	320718	5810500	10580096															
249	MORAY	ST	MELBOURNE SOUTH	320720	5810495	10580109															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
251	MORAY	ST	MELBOURNE SOUTH	320723	5810487	10580117															
257	MORAY	ST	MELBOURNE SOUTH	320728	5810476	10580125															
259	MORAY	ST	MELBOURNE SOUTH	320731	5810468	10580133															
263	MORAY	ST	MELBOURNE SOUTH	320736	5810458	10580141															
265	MORAY	ST	MELBOURNE SOUTH	320737	5810454	10580168															
267	MORAY	ST	MELBOURNE SOUTH	320739	5810449	10580176															
269	MORAY	ST	MELBOURNE SOUTH	320742	5810445	10580184															
271	MORAY	ST	MELBOURNE SOUTH	320743	5810438	10580192															
273	MORAY	ST	MELBOURNE SOUTH	320758	5810397	10580299															
277	MORAY	ST	MELBOURNE SOUTH	320762	5810386	10580301															
279	MORAY	ST	MELBOURNE SOUTH	320765	5810379	10580328															
281	MORAY	ST	MELBOURNE SOUTH	320768	5810372	10580336															
283	MORAY	ST	MELBOURNE SOUTH	320771	5810364	10580344															
287	MORAY	ST	MELBOURNE SOUTH	320782	5810337	10580352															
293	MORAY	ST	MELBOURNE SOUTH	320788	5810322	10580360															
295	MORAY	ST	MELBOURNE SOUTH	320791	5810315	10580379															
297	MORAY	ST	MELBOURNE SOUTH	320793	5810308	10580387															
299	MORAY	ST	MELBOURNE SOUTH	320803	5810281	10580395															
301	MORAY	ST	MELBOURNE SOUTH	320805	5810275	10580408															
303	MORAY	ST	MELBOURNE SOUTH	320807	5810271	10580416															
305	MORAY	ST	MELBOURNE SOUTH	320809	5810265	10580424															
307	MORAY	ST	MELBOURNE SOUTH	320813	5810255	10580520															
315	MORAY	ST	MELBOURNE SOUTH	320817	5810244	10580539															
317	MORAY	ST	MELBOURNE SOUTH	320825	5810224	10580547															
321	MORAY	ST	MELBOURNE SOUTH	320828	5810218	10580555															
323	MORAY	ST	MELBOURNE SOUTH	320829	5810214	10580563															
325	MORAY	ST	MELBOURNE SOUTH	320831	5810210	10580571															
327	MORAY	ST	MELBOURNE SOUTH	320834	5810202	10580598															
331	MORAY	ST	MELBOURNE SOUTH	320838	5810192	10580600															
335	MORAY	ST	MELBOURNE SOUTH	320850	5810163	10580619															
337	MORAY	ST	MELBOURNE SOUTH	320851	5810158	10580627															
339	MORAY	ST	MELBOURNE SOUTH	320853	5810154	10580635															
341	MORAY	ST	MELBOURNE SOUTH	320856	5810148	10580643															
345	MORAY	ST	MELBOURNE SOUTH	320859	5810139	10580651															
347	MORAY	ST	MELBOURNE SOUTH	320862	5810132	10580678															
349	MORAY	ST	MELBOURNE SOUTH	320864	5810126	10580686															
351	MORAY	ST	MELBOURNE SOUTH	320871	5810106	10580694															
353	MORAY	ST	MELBOURNE SOUTH	320873	5810101	10580707															
355	MORAY	ST	MELBOURNE SOUTH	320875	5810097																
	MORAY	ST	SOUTH MELBOURNE	320686	5810585																
	MORAY	ST	SOUTH MELBOURNE	320697	5810589																
	MORAY	ST	SOUTH MELBOURNE	320689	5810577																
	MORAY	ST	SOUTH MELBOURNE	320699	5810582																
	MORAY	ST	MELBOURNE SOUTH	320590	5810828																
	MORAY	ST	MELBOURNE SOUTH	320592	5810824																
	MORAY	ST	MELBOURNE SOUTH	320593	5810819																
	MORAY	ST	MELBOURNE SOUTH	320598	5810810																
	MORAY	ST	MELBOURNE SOUTH	320599	5810805																
	MORAY	ST	MELBOURNE SOUTH	320601	5810801																
	MORAY	ST	MELBOURNE SOUTH	320476	5810994																
	MORAY	ST	MELBOURNE SOUTH	320481	5810980																
	MORAY	ST	MELBOURNE SOUTH	320483	5810974																
	MORAY	ST	MELBOURNE SOUTH	320487	5810963																
	MORAY	ST	MELBOURNE SOUTH	320488	5810958																

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
	MORAY	ST	MELBOURNE SOUTH	320434	5811101																
	MORAY	ST	MELBOURNE SOUTH	320435	5811097																
	MORAY	ST	MELBOURNE SOUTH	320436	5811094																
	MORAY	ST	MELBOURNE SOUTH	320502	5811051																
	MORAY	ST	MELBOURNE SOUTH	320367	5811269																
	MORAY	ST	MELBOURNE SOUTH	320859	5810142																
	MORAY	ST	MELBOURNE SOUTH	320815	5810251																
	MORAY	ST	MELBOURNE SOUTH	320785	5810330																
	MORAY	ST	MELBOURNE SOUTH	320734	5810462																
	MORAY	ST	MELBOURNE SOUTH	320715	5810508																
	MORAY	ST	MELBOURNE SOUTH	320697	5810557																
	MORAY	ST	MELBOURNE SOUTH	320669	5810627	10579685															
	MORAY	ST	MELBOURNE SOUTH	320670	5810624																
	MORAY	ST	MELBOURNE SOUTH	320672	5810619																
	MORAY	ST	MELBOURNE SOUTH	320675	5810610																
	MORAY	ST	MELBOURNE SOUTH	320677	5810605																
0	NAPIER	ST	MELBOURNE SOUTH	320962	5810376	10567473															
0	NAPIER	ST	MELBOURNE SOUTH	320932	5810347	23912109															
2	NAPIER	ST	MELBOURNE SOUTH	321061	5810454	10568222		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.465	0.06	0.17	0.37	1	
31	NAPIER	ST	MELBOURNE SOUTH	321091	5810438	10568986		2.40	2.30	2.10	1.60	0.8	0.0	0.00	1	2.283	-0.12	-0.02	0.18	3	
35	NAPIER	ST	MELBOURNE SOUTH	321087	5810432	10568994		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.225	-0.18	-0.07	0.13	3	
37	NAPIER	ST	MELBOURNE SOUTH	321084	5810428	10569006		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.252	-0.15	-0.05	0.15	3	
38	NAPIER	ST	MELBOURNE SOUTH	321015	5810409	10567852		2.40	2.30	2.10	1.90	0.5	0.0	0.00	1					1	
39	NAPIER	ST	MELBOURNE SOUTH	321079	5810422	23003925		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.239	-0.16	-0.06	0.14	3	
52	NAPIER	ST	MELBOURNE SOUTH	321015	5810406	10567975															
60	NAPIER	ST	MELBOURNE SOUTH	320967	5810377	10567609															
70	NAPIER	ST	MELBOURNE SOUTH	320968	5810377	10567481															
79	NAPIER	ST	MELBOURNE SOUTH	320907	5810319	10569014															
80	NAPIER	ST	MELBOURNE SOUTH	320937	5810387	10567841															
80	NAPIER	ST	MELBOURNE SOUTH	320967	5810376	10567668															
81	NAPIER	ST	MELBOURNE SOUTH	320899	5810314	10569022															
83	NAPIER	ST	MELBOURNE SOUTH	320892	5810311	10569030															
85	NAPIER	ST	MELBOURNE SOUTH	320886	5810309	10569049															
87	NAPIER	ST	MELBOURNE SOUTH	320878	5810306	10569057															
88	NAPIER	ST	MELBOURNE SOUTH	320886	5810345	10567465															
89	NAPIER	ST	MELBOURNE SOUTH	320871	5810303	10569065															
90	NAPIER	ST	MELBOURNE SOUTH	320879	5810343	10567457															
91	NAPIER	ST	MELBOURNE SOUTH	320868	5810302	10569073															
92	NAPIER	ST	MELBOURNE SOUTH	320873	5810341	10567449															
93	NAPIER	ST	MELBOURNE SOUTH	320862	5810300	10569061															
94	NAPIER	ST	MELBOURNE SOUTH	320869	5810340	10567430															
95	NAPIER	ST	MELBOURNE SOUTH	320855	5810297	10569102															
96	NAPIER	ST	MELBOURNE SOUTH	320863	5810337	10567414															
97	NAPIER	ST	MELBOURNE SOUTH	320849	5810294	10569110															
99	NAPIER	ST	MELBOURNE SOUTH	320842	5810291	10569129															
100	NAPIER	ST	MELBOURNE SOUTH	320850	5810334	10567406															
101	NAPIER	ST	MELBOURNE SOUTH	320837	5810289	10569137															
103	NAPIER	ST	MELBOURNE SOUTH	320832	5810287	10569145															
104	NAPIER	ST	MELBOURNE SOUTH	320844	5810333	10567393															
106	NAPIER	ST	MELBOURNE SOUTH	320836	5810329	10567385															
108	NAPIER	ST	MELBOURNE SOUTH	320829	5810326	10567377															
109	NAPIER	ST	MELBOURNE SOUTH	320826	5810286	10569153															
110	NAPIER	ST	MELBOURNE SOUTH	320825	5810324	10567369															
111	NAPIER	ST	MELBOURNE SOUTH	320827	5810285	10569161															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
112	NAPIER	ST	MELBOURNE SOUTH	320821	5810323	10567350															
114	NAPIER	ST	MELBOURNE SOUTH	320815	5810320	10567342															
	NAPIER	ST	MELBOURNE SOUTH	320874	5810304																
	NAPIER	ST	MELBOURNE SOUTH	320859	5810336																
	NAPIER	ST	MELBOURNE SOUTH	321096	5810444																
2	NORMANBY	RD	MELBOURNE SOUTH	319968	5811556	10541564															
20	NORMANBY	RD	MELBOURNE SOUTH	319908	5811485	10541580															
0	PALMERSTON	CR	MELBOURNE SOUTH	321285	5810528	10576599															
1	PALMERSTON	CR	MELBOURNE SOUTH	321289	5810578	10576556															
7	PALMERSTON	CR	MELBOURNE SOUTH	321289	5810564	10576564															
8	PALMERSTON	CR	MELBOURNE SOUTH	321251	5810544	10577444															
9	PALMERSTON	CR	MELBOURNE SOUTH	321288	5810552	10576572															
10	PALMERSTON	CR	MELBOURNE SOUTH	321250	5810539	10577436		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
11	PALMERSTON	CR	MELBOURNE SOUTH	321288	5810547	10576580															
12	PALMERSTON	CR	MELBOURNE SOUTH	321250	5810535	10577428		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1	2.613	0.21	0.31	0.51	1	
18	PALMERSTON	CR	MELBOURNE SOUTH	321239	5810502	10577401		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
20	PALMERSTON	CR	MELBOURNE SOUTH	321237	5810498	10577399		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
22	PALMERSTON	CR	MELBOURNE SOUTH	321236	5810494	10577380		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
23	PALMERSTON	CR	MELBOURNE SOUTH	321280	5810507	10576601		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
24	PALMERSTON	CR	MELBOURNE SOUTH	321228	5810475	10577372		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.336	-0.06	0.04	0.24	2	
25	PALMERSTON	CR	MELBOURNE SOUTH	321276	5810497	10576628		2.40	2.30	2.10	2.20	0.2	0.2	0.04	1	2.598	0.20	0.30	0.50	1	
27	PALMERSTON	CR	MELBOURNE SOUTH	321273	5810489	10576636		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.614	0.21	0.31	0.51	1	
29	PALMERSTON	CR	MELBOURNE SOUTH	321268	5810477	10576652		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.445	0.04	0.15	0.35	1	
35	PALMERSTON	CR	MELBOURNE SOUTH	321257	5810453	10576660		2.40	2.30	2.10	1.80	0.6	0.2	0.12	1	2.532	0.13	0.23	0.43	1	
44	PALMERSTON	CR	MELBOURNE SOUTH	321193	5810415	10577364		2.40	2.30	2.10	1.80	0.6	0.2	0.12	1	2.101	-0.30	-0.20	0.00	3	
46	PALMERSTON	CR	MELBOURNE SOUTH	321190	5810410	10577356		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.196	-0.20	-0.10	0.10	3	
48	PALMERSTON	CR	MELBOURNE SOUTH	321186	5810405	10577348		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.164	-0.24	-0.14	0.06	3	
50	PALMERSTON	CR	MELBOURNE SOUTH	321182	5810402	10577321		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.208	-0.19	-0.09	0.11	3	
51	PALMERSTON	CR	MELBOURNE SOUTH	321223	5810395	10576679		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.174	-0.23	-0.13	0.07	3	
52	PALMERSTON	CR	MELBOURNE SOUTH	321179	5810398	10577313		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.208	-0.19	-0.09	0.11	3	
54	PALMERSTON	CR	MELBOURNE SOUTH	321178	5810393	10577305		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.214	-0.19	-0.09	0.11	3	
55	PALMERSTON	CR	MELBOURNE SOUTH	321216	5810385	10576687		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1					1	
56	PALMERSTON	CR	MELBOURNE SOUTH	321175	5810389	10577292		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.214	-0.19	-0.09	0.11	3	
57	PALMERSTON	CR	MELBOURNE SOUTH	321213	5810381	10576695		2.40	2.30	2.10	1.80	0.6	0.2	0.12	1	2.278	-0.12	-0.02	0.18	3	
58	PALMERSTON	CR	MELBOURNE SOUTH	321171	5810385	10577284		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.476	0.08	0.18	0.38	1	
59	PALMERSTON	CR	MELBOURNE SOUTH	321210	5810377	10576708		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.456	0.06	0.16	0.36	1	
60	PALMERSTON	CR	MELBOURNE SOUTH	321167	5810381	10577276		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.476	0.08	0.18	0.38	1	
61	PALMERSTON	CR	MELBOURNE SOUTH	321202	5810366	10576716		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.366	-0.03	0.07	0.27	2	
62	PALMERSTON	CR	MELBOURNE SOUTH	321163	5810376	10577268		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
64	PALMERSTON	CR	MELBOURNE SOUTH	321160	5810372	10577241		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
66	PALMERSTON	CR	MELBOURNE SOUTH	321156	5810368	10577233		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
67	PALMERSTON	CR	MELBOURNE SOUTH	321191	5810353	10576724		2.40	2.30	2.10	1.80	0.6	0.0	0.00	1	2.299	-0.10	0.00	0.20	3	
68	PALMERSTON	CR	MELBOURNE SOUTH	321152	5810364	10577225		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.822	0.42	0.52	0.72	1	
70	PALMERSTON	CR	MELBOURNE SOUTH	321148	5810360	10577217		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.822	0.42	0.52	0.72	1	
71	PALMERSTON	CR	MELBOURNE SOUTH	321182	5810342	10576775		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.417	0.02	0.12	0.32	1	
72	PALMERSTON	CR	MELBOURNE SOUTH	321145	5810356	10577209		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.85	0.45	0.55	0.75	1	
74	PALMERSTON	CR	MELBOURNE SOUTH	321142	5810352	10577196		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.85	0.45	0.55	0.75	1	
75	PALMERSTON	CR	MELBOURNE SOUTH	321171	5810330	10576783		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.442	0.04	0.14	0.34	1	
76	PALMERSTON	CR	MELBOURNE SOUTH	321140	5810348	10577188		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.758	0.36	0.46	0.66	1	
78	PALMERSTON	CR	MELBOURNE SOUTH	321136	5810345	10577161		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
79	PALMERSTON	CR	MELBOURNE SOUTH	321095	5810265	10576791		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
80	PALMERSTON	CR	MELBOURNE SOUTH	321132	5810342	10577153		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.613	0.21	0.31	0.51	1	
82	PALMERSTON	CR	MELBOURNE SOUTH	321129	5810338	10577145		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.613	0.21	0.31	0.51	1	
83	PALMERSTON	CR	MELBOURNE SOUTH	321085	5810260	10576871		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
84	PALMERSTON	CR	MELBOURNE SOUTH	321125	5810335	10577137		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.595	0.20	0.30	0.50	1	
86	PALMERSTON	CR	MELBOURNE SOUTH	321121	5810332	10577129		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.615	0.22	0.32	0.52	1	
87	PALMERSTON	CR	MELBOURNE SOUTH	321059	5810242	10576898		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
88	PALMERSTON	CR	MELBOURNE SOUTH	321084	5810303	10577110		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
90	PALMERSTON	CR	MELBOURNE SOUTH	321081	5810300	10577102		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
92	PALMERSTON	CR	MELBOURNE SOUTH	321074	5810295	10577081															
93	PALMERSTON	CR	MELBOURNE SOUTH	321050	5810237	10576900															
95	PALMERSTON	CR	MELBOURNE SOUTH	321045	5810235	10576919															
96	PALMERSTON	CR	MELBOURNE SOUTH	321069	5810290	10577073															
97	PALMERSTON	CR	MELBOURNE SOUTH	321040	5810232	10576927															
98	PALMERSTON	CR	MELBOURNE SOUTH	321065	5810287	10577065															
99	PALMERSTON	CR	MELBOURNE SOUTH	321031	5810228	10576935															
100	PALMERSTON	CR	MELBOURNE SOUTH	321060	5810283	10577057															
102	PALMERSTON	CR	MELBOURNE SOUTH	321054	5810281	10577049															
104	PALMERSTON	CR	MELBOURNE SOUTH	321054	5810283	36060267															
106	PALMERSTON	CR	MELBOURNE SOUTH	321044	5810275	10577030															
108	PALMERSTON	CR	MELBOURNE SOUTH	321039	5810272	10577022															
110	PALMERSTON	CR	MELBOURNE SOUTH	321036	5810269	10577014															
112	PALMERSTON	CR	MELBOURNE SOUTH	321032	5810267	10577006															
114	PALMERSTON	CR	MELBOURNE SOUTH	321027	5810265	10576994															
116	PALMERSTON	CR	MELBOURNE SOUTH	321023	5810262	10576986															
118	PALMERSTON	CR	MELBOURNE SOUTH	321017	5810264	10576978															
120	PALMERSTON	CR	MELBOURNE SOUTH	321013	5810261	10576951															
122	PALMERSTON	CR	MELBOURNE SOUTH	321006	5810256	10576943															
0	PALMERSTON	CRES	SOUTH MELBOURNE	321049	5810279	3606C259															
	PALMERSTON	CRES	SOUTH MELBOURNE	321047	5810237																
	PALMERSTON	CRES	SOUTH MELBOURNE	321054	5810282																
	PALMERSTON	CRES	MELBOURNE SOUTH	321219	5810389																
	PALMERSTON	CRES	MELBOURNE SOUTH	321250	5810346																
	PALMERSTON	CRES	MELBOURNE SOUTH	321090	5810263																
	PALMERSTON	CRES	MELBOURNE SOUTH	321079	5810257																
	PALMERSTON	CRES	MELBOURNE SOUTH	321020	5810225																
	PALMERSTON	CRES	MELBOURNE SOUTH	321026	5810210																
	PALMERSTON	CRES	MELBOURNE SOUTH	321041	5810206																
0	PARK	ST	MELBOURNE SOUTH	321092	5810578	36792706															
0	PARK	ST	MELBOURNE SOUTH	321098	5810581	36792599															
0	PARK	ST	MELBOURNE SOUTH	321084	5810575	36792601															
0	PARK	ST	MELBOURNE SOUTH	321103	5810583	36792628															
0	PARK	ST	MELBOURNE SOUTH	321108	5810585	36792636															
0	PARK	ST	MELBOURNE SOUTH	321113	5810586	36792644															
0	PARK	ST	MELBOURNE SOUTH	321102	5810615	36792652															
0	PARK	ST	MELBOURNE SOUTH	321110	5810619	36792679															
0	PARK	ST	MELBOURNE SOUTH	321118	5810588	36792687															
0	PARK	ST	MELBOURNE SOUTH	321122	5810589	36792660															
2	PARK	ST	MELBOURNE SOUTH	321332	5810668	10564475															
4	PARK	ST	MELBOURNE SOUTH	321329	5810667	10564467															
5	PARK	ST	MELBOURNE SOUTH	321308	5810608	10564491															
6	PARK	ST	MELBOURNE SOUTH	321325	5810665	10564459															
7	PARK	ST	MELBOURNE SOUTH	321300	5810606	10564504															
8	PARK	ST	MELBOURNE SOUTH	321323	5810664	10564440															
9	PARK	ST	MELBOURNE SOUTH	321293	5810603	10564512															
10	PARK	ST	MELBOURNE SOUTH	321316	5810661	10564432															
11	PARK	ST	MELBOURNE SOUTH	321284	5810599	10564520															
12	PARK	ST	MELBOURNE SOUTH	321306	5810658	10564424															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
14	PARK	ST	MELBOURNE SOUTH	321297	5810654	10564416															
15	PARK	ST	MELBOURNE SOUTH	321251	5810586	10564539															
16	PARK	ST	MELBOURNE SOUTH	321289	5810651	10564408															
18	PARK	ST	MELBOURNE SOUTH	321283	5810648	10564395															
19	PARK	ST	MELBOURNE SOUTH	321238	5810581	10564547															
20	PARK	ST	MELBOURNE SOUTH	321279	5810647	10564379															
20	PARK	ST	MELBOURNE SOUTH	321277	5810646	10564387															
21	PARK	ST	MELBOURNE SOUTH	321231	5810578	10564555															
22	PARK	ST	MELBOURNE SOUTH	321270	5810643	10564352															
23	PARK	ST	MELBOURNE SOUTH	321226	5810576	10564563															
25	PARK	ST	MELBOURNE SOUTH	321219	5810574	10564571															
27	PARK	ST	MELBOURNE SOUTH	321212	5810571	10564598		2.40	2.30	2.10	2.50	0.0	0.0	0.00	1					1	
29	PARK	ST	MELBOURNE SOUTH	321207	5810569	10564600		2.40	2.30	2.10	2.50	0.0	0.0	0.00	1	2.633	0.23	0.33	0.53	1	
31	PARK	ST	MELBOURNE SOUTH	321195	5810564	10564619		2.40	2.30	2.10	2.50	0.0	0.0	0.00	1	2.678	0.28	0.38	0.58	1	
35	PARK	ST	MELBOURNE SOUTH	321185	5810560	10564627		2.40	2.30	2.10	2.50	0.0	0.0	0.00	1					1	
36	PARK	ST	MELBOURNE SOUTH	321214	5810622	10564344		2.40	2.30	2.10	2.50	0.0	0.0	0.00	1					1	
37	PARK	ST	MELBOURNE SOUTH	321176	5810557	10564635		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1	2.64	0.24	0.34	0.54	1	
39	PARK	ST	MELBOURNE SOUTH	321167	5810553	10564643		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
40	PARK	ST	MELBOURNE SOUTH	321199	5810615	10564336															
41	PARK	ST	MELBOURNE SOUTH	321157	5810549	10564651		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1	2.53	0.13	0.23	0.43	1	
45	PARK	ST	MELBOURNE SOUTH	321143	5810544	10564678		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
50	PARK	ST	MELBOURNE SOUTH	321184	5810610	10564328															
52	PARK	ST	MELBOURNE SOUTH	321171	5810604	10564301															
53	PARK	ST	MELBOURNE SOUTH	321130	5810538	10564686		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1	2.528	0.13	0.23	0.43	1	
55	PARK	ST	MELBOURNE SOUTH	321123	5810535	10564694		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
57	PARK	ST	MELBOURNE SOUTH	321118	5810534	10564707		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.548	0.15	0.25	0.45	1	
59	PARK	ST	MELBOURNE SOUTH	321113	5810532	23389290		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.884	0.48	0.58	0.78	1	
60	PARK	ST	MELBOURNE SOUTH	321152	5810597	10564299		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
61	PARK	ST	MELBOURNE SOUTH	321106	5810530	10564723		2.40	2.30	2.10	1.80	0.6	0.2	0.12	1					1	
68	PARK	ST	MELBOURNE SOUTH	321140	5810592	10564280		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
70	PARK	ST	MELBOURNE SOUTH	321131	5810588	10564272		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
77	PARK	ST	MELBOURNE SOUTH	321035	5810502	22849048		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.512	0.11	0.21	0.41	1	
81	PARK	ST	MELBOURNE SOUTH	320943	5810473	10564731		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					0	
91	PARK	ST	MELBOURNE SOUTH	320952	5810476	10564766		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					0	
94	PARK	ST	MELBOURNE SOUTH	321068	5810568	10564264		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.392	-0.01	0.09	0.29	2	
102	PARK	ST	MELBOURNE SOUTH	321010	5810545	10564258		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
104	PARK	ST	MELBOURNE SOUTH	321005	5810542	10564248		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
106	PARK	ST	MELBOURNE SOUTH	320999	5810541	10564221		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
108	PARK	ST	MELBOURNE SOUTH	320995	5810539	10564213		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
112	PARK	ST	MELBOURNE SOUTH	320987	5810535	10564205		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
114	PARK	ST	MELBOURNE SOUTH	320982	5810534	10564192		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					1	
116	PARK	ST	MELBOURNE SOUTH	320977	5810532	10564184		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
118	PARK	ST	MELBOURNE SOUTH	320971	5810529	10564176		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
120	PARK	ST	MELBOURNE SOUTH	320966	5810527	10564168															
122	PARK	ST	MELBOURNE SOUTH	320964	5810526	24812927															
124	PARK	ST	MELBOURNE SOUTH	320958	5810524	24812935															
126	PARK	ST	MELBOURNE SOUTH	320954	5810523	24812943															
128	PARK	ST	MELBOURNE SOUTH	320948	5810520	10564141															
130	PARK	ST	MELBOURNE SOUTH	320944	5810519	10564133															
132	PARK	ST	MELBOURNE SOUTH	320940	5810517	10564125															
134	PARK	ST	MELBOURNE SOUTH	320929	5810513	10564117															
138	PARK	ST	MELBOURNE SOUTH	320920	5810509	10564109															
140	PARK	ST	MELBOURNE SOUTH	320903	5810504	10564096															
143	PARK	ST	MELBOURNE SOUTH	320791	5810411	10565291															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
145	PARK	ST	MELBOURNE SOUTH	320782	5810406	10585304															
	PARK	ST	SOUTH MELBOURNE	321091	5810575																
	PARK	ST	SOUTH MELBOURNE	321095	5810576																
	PARK	ST	MELBOURNE SOUTH	320925	5810511																
	PARK	ST	MELBOURNE SOUTH	320974	5810530																
	PARK	ST	MELBOURNE SOUTH	320992	5810538																
	PARK	ST	MELBOURNE SOUTH	321005	5810496																
	PARK	ST	MELBOURNE SOUTH	321197	5810566																
	PEPPERCORN	LN	SOUTH MELBOURNE	321044	5810386																
	PEPPERCORN	LN	SOUTH MELBOURNE	321038	5810381																
	PEPPERCORN	LN	SOUTH MELBOURNE	321034	5810376																
	PEPPERCORN	LN	SOUTH MELBOURNE	321030	5810372																
	PEPPERCORN	LN	SOUTH MELBOURNE	321025	5810368																
	PEPPERCORN	LN	SOUTH MELBOURNE	321019	5810365																
	PEPPERCORN	LN	SOUTH MELBOURNE	321012	5810365																
	PEPPERCORN	LN	SOUTH MELBOURNE	321006	5810362																
	PEPPERCORN	LN	SOUTH MELBOURNE	321003	5810354																
	PEPPERCORN	LN	SOUTH MELBOURNE	320999	5810350																
	PEPPERCORN	LN	SOUTH MELBOURNE	320992	5810345																
	PEPPERCORN	LN	SOUTH MELBOURNE	320997	5810328																
	PEPPERCORN	LN	SOUTH MELBOURNE	321005	5810327																
	PEPPERCORN	LN	SOUTH MELBOURNE	321010	5810331																
	PEPPERCORN	LN	SOUTH MELBOURNE	321017	5810334																
	PEPPERCORN	LN	SOUTH MELBOURNE	321023	5810336																
	PEPPERCORN	LN	SOUTH MELBOURNE	321027	5810342																
	PEPPERCORN	LN	SOUTH MELBOURNE	321032	5810346																
	PEPPERCORN	LN	SOUTH MELBOURNE	321037	5810349																
	PEPPERCORN	LN	SOUTH MELBOURNE	321043	5810354																
	PEPPERCORN	LN	SOUTH MELBOURNE	321048	5810358																
	PEPPERCORN	LN	SOUTH MELBOURNE	321052	5810363																
	PEPPERCORN	LN	SOUTH MELBOURNE	321058	5810369																
6	POWER	ST	MELBOURNE SOUTH	320692	5811454	10578505															
8	POWER	ST	MELBOURNE SOUTH	320703	5811443	10576492															
10	POWER	ST	MELBOURNE SOUTH	320712	5811437	10576484															
0	QUEENS	RD	MELBOURNE	321649	5810136	10640757															
0	QUEENS	RD	MELBOURNE	321640	5810110	10640765															
0	QUEENS	RD	MELBOURNE	321717	5809700	10641434															
0	QUEENS	RD	MELBOURNE	321818	5809584	10641485															
1	QUEENS	RD	MELBOURNE	321578	5810276	10640722															
3	QUEENS	RD	MELBOURNE	321567	5810183	10640730															
4	QUEENS	RD	MELBOURNE	321578	5810143	10640749															
6	QUEENS	RD	MELBOURNE	321597	5810100	24464803															
7	QUEENS	RD	MELBOURNE	321620	5810106	24464811															
8	QUEENS	RD	MELBOURNE	321601	5810069	10640773															
9	QUEENS	RD	MELBOURNE	321610	5810040	10640781															
10	QUEENS	RD	MELBOURNE	321619	5810012	10640802															
11	QUEENS	RD	MELBOURNE	321629	5809983	10640810		4.40	4.35	4.30	4.40	0.0	0.0	0.00	1					0	
12	QUEENS	RD	MELBOURNE	321638	5809952	10640829		4.40	4.35	4.30	4.20	0.2	0.0	0.00	1					1	
14	QUEENS	RD	MELBOURNE	321647	5809924	10640837		4.40	4.35	4.30	4.20	0.2	0.0	0.00	1					1	
15	QUEENS	RD	MELBOURNE	321664	5809894	10640845		4.40	4.35	4.30	4.00	0.4	0.1	0.04	1					1	
17	QUEENS	RD	MELBOURNE	321672	5809846	10640853		4.40	4.35	4.30	3.70	0.7	0.1	0.07	1					1	
18	QUEENS	RD	MELBOURNE	321680	5809818	10641223		4.40	4.35	4.30	3.60	0.8	0.0	0.00	1	5.1	0.70	0.75	0.80	1	
19	QUEENS	RD	MELBOURNE	321689	5809787	10641397		4.40	4.35	4.30	3.70	0.7	0.0	0.00	1					1	
20	QUEENS	RD	MELBOURNE	321708	5809758	22321692		4.40	4.35	4.30	3.80	0.6	0.0	0.00	1					1	

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
23	QUEENS	RD	MELBOURNE	321724	5809674	36741951		4.40	4.35	4.30	4.00	0.4	0.0	0.00	1					1	
24	QUEENS	RD	MELBOURNE	321726	5809671	10641442		4.40	4.35	4.30	4.20	0.2	0.0	0.00	1					1	
25	QUEENS	RD	MELBOURNE	321742	5809645	10641450		4.40	4.35	4.30	4.40	0.0	0.0	0.00	1					1	
26	QUEENS	RD	MELBOURNE	321750	5809596	10641469															
27	QUEENS	RD	MELBOURNE	321759	5809568	10641477															
29	QUEENS	RD	MELBOURNE	321766	5809544	10641483															
30	QUEENS	RD	MELBOURNE	321778	5809508	10641549															
31	QUEENS	RD	MELBOURNE	321786	5809479	10641056															
32	QUEENS	RD	MELBOURNE	321798	5809434	10641864															
33	QUEENS	RD	MELBOURNE	321819	5809373	10641872															
34	QUEENS	RD	MELBOURNE	321829	5809344	10642912															
	QUEENS	RD	MELBOURNE	321658	5809895																
	QUEENS	RD	MELBOURNE	321723	5809687																
	QUEENS	RD	MELBOURNE	321736	5809644																
	QUEENS	RD	SOUTH YARRA	321751	5809598																
	QUEENS	RD	MELBOURNE	321616	5810181																
	QUEENS BRIDGE	ST	SOUTHBANK	320479	5811616																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320387	5811432																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320381	5811410																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320487	5811639																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320384	5811618																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320378	5811594																
	QUEENS BRIDGE	ST	SOUTH MELBOURNE	320388	5811636																
	QUEENS BRIDGE	ST	SOUTHBANK	320426	5811595																
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320378	5811597	23505909															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320386	5811621	23653223															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320406	5811646	10558063															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320414	5811683	22105954															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320422	5811712	10558307															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320404	5811710	23505917															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320355	5811553	23505925															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320409	5811530	23505933															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320391	5811454	23505941															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320397	5811611	23505968															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320388	5811574	36356148															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320380	5811542	36356156															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320369	5811497	10558294															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320357	5811440	36046932															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320383	5811432	36046940															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320377	5811413	23505896															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320345	5811459	23505888															
0	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320396	5811472	10558087															
2	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320407	5811708	10558147															
12	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320396	5811679	10558139															
20	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320391	5811656	10558120															
28	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320380	5811607	10558112															
31	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320446	5811689	10558219															
48	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320371	5811571	10558104															
51	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320436	5811643	10558227															
58	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320365	5811544	10558091															
63	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320429	5811613	10558235															
70	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320359	5811519	10558075															
81	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320420	5811568	10558243															
87	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320413	5811547	10558278															

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
93	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320412	5811530	24233140															
95	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320404	5811507	24233159															
129	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320389	5811443	10558315															
133	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320386	5811429	10558323															
	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320344	5811452																
	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320348	5811469																
	QUEENSBRIDGE	ST	MELBOURNE SOUTH	320432	5811625																
2	RAGLAN	ST	MELBOURNE SOUTH	320951	5810237	10570955															
3	RAGLAN	ST	MELBOURNE SOUTH	320952	5810200	10570963															
8	RAGLAN	ST	MELBOURNE SOUTH	320935	5810231	10570947															
9	RAGLAN	ST	MELBOURNE SOUTH	320931	5810189	10570971															
10	RAGLAN	ST	MELBOURNE SOUTH	320925	5810227	10570939															
12	RAGLAN	ST	MELBOURNE SOUTH	320919	5810225	10570920															
14	RAGLAN	ST	MELBOURNE SOUTH	320912	5810222	10570912															
16	RAGLAN	ST	MELBOURNE SOUTH	320905	5810219	10570904															
18	RAGLAN	ST	MELBOURNE SOUTH	320897	5810216	10570691															
19	RAGLAN	ST	MELBOURNE SOUTH	320907	5810179	10570998															
20	RAGLAN	ST	MELBOURNE SOUTH	320886	5810212	10570883															
22	RAGLAN	ST	MELBOURNE SOUTH	320874	5810207	10570875															
24	RAGLAN	ST	MELBOURNE SOUTH	320864	5810203	10570816															
27	RAGLAN	ST	MELBOURNE SOUTH	320889	5810173	10571018															
29	RAGLAN	ST	MELBOURNE SOUTH	320884	5810171	10571026															
31	RAGLAN	ST	MELBOURNE SOUTH	320879	5810169	10571034															
33	RAGLAN	ST	MELBOURNE SOUTH	320874	5810167	10571042															
	RAGLAN	ST	MELBOURNE SOUTH	320942	5810193																
	RAGLAN	ST	MELBOURNE SOUTH	320938	5810191																
2	ROSS	ST	MELBOURNE SOUTH	320467	5810957	10581873															
8	ROSS	ST	MELBOURNE SOUTH	320445	5810948	10581865															
20	ROSS	ST	MELBOURNE SOUTH	320358	5810914	10581857															
22	ROSS	ST	MELBOURNE SOUTH	320351	5810912	10581849															
24	ROSS	ST	MELBOURNE SOUTH	320347	5810910	10581830															
28	ROSS	ST	MELBOURNE SOUTH	320336	5810906	10581822															
	ROSS	ST	MELBOURNE SOUTH	320457	5810953																
	ROSS	ST	MELBOURNE SOUTH	320473	5810958																
	ROSS	ST	MELBOURNE SOUTH	320364	5810916																
	ROSS	ST	MELBOURNE SOUTH	320342	5810908																
	ROSS	ST	MELBOURNE SOUTH	320332	5810904																
1	SANDILANDS	ST	MELBOURNE SOUTH	321093	5810240	10578658															
2	SANDILANDS	ST	MELBOURNE SOUTH	321068	5810227	10578615															
4	SANDILANDS	ST	MELBOURNE SOUTH	321070	5810223	10578623															
8	SANDILANDS	ST	MELBOURNE SOUTH	321075	5810216	10578607															
14	SANDILANDS	ST	MELBOURNE SOUTH	321085	5810198	10578578															
16	SANDILANDS	ST	MELBOURNE SOUTH	321090	5810190	10578551															
	SANDILANDS	ST	MELBOURNE SOUTH	321095	5810236																
	SANDILANDS	ST	MELBOURNE SOUTH	321097	5810232																
	SANDILANDS	ST	MELBOURNE SOUTH	321100	5810228																
	SANDILANDS	ST	MELBOURNE SOUTH	321102	5810224																
	SANDILANDS	ST	MELBOURNE SOUTH	321104	5810220																
	SANDILANDS	ST	MELBOURNE SOUTH	321107	5810215																
	SANDILANDS	ST	MELBOURNE SOUTH	321110	5810210																
	SANDILANDS	ST	MELBOURNE SOUTH	321112	5810206																
	SANDILANDS	ST	MELBOURNE SOUTH	321114	5810202																
	SANDILANDS	ST	MELBOURNE SOUTH	321065	5810227																
	SANDILANDS	ST	MELBOURNE SOUTH	321063	5810201																

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
	SANDILANDS	ST	MELBOURNE SOUTH	321069	5810190																
	ST. KILDA	RD	SOUTH MELBOURNE	321320	5810858																
0	STEAD	ST	MELBOURNE SOUTH	321086	5810382	10578877															
21	STEAD	ST	MELBOURNE SOUTH	321062	5810411	10578789		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
23	STEAD	ST	MELBOURNE SOUTH	321066	5810406	10578797		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1					1	
25	STEAD	ST	MELBOURNE SOUTH	321069	5810403	10578818		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.585	0.19	0.29	0.49	1	
27	STEAD	ST	MELBOURNE SOUTH	321072	5810399	10578826		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.602	0.20	0.30	0.50	1	
29	STEAD	ST	MELBOURNE SOUTH	321075	5810396	10578834		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.631	0.23	0.33	0.53	1	
31	STEAD	ST	MELBOURNE SOUTH	321078	5810392	10578842		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.638	0.24	0.34	0.54	1	
33	STEAD	ST	MELBOURNE SOUTH	321080	5810389	10578850		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.643	0.24	0.34	0.54	1	
35	STEAD	ST	MELBOURNE SOUTH	321085	5810385	10578869		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.643	0.24	0.34	0.54	1	
39	STEAD	ST	MELBOURNE SOUTH	321089	5810379	10578885		2.40	2.30	2.10	2.00	0.4	0.0	0.00	1	2.638	0.24	0.34	0.54	1	
41	STEAD	ST	MELBOURNE SOUTH	321100	5810366	10578893		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.637	0.24	0.34	0.54	1	
42	STEAD	ST	MELBOURNE SOUTH	321073	5810340	10578770		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.417	0.02	0.12	0.32	1	
43	STEAD	ST	MELBOURNE SOUTH	321104	5810361	10578906		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.637	0.24	0.34	0.54	1	
44	STEAD	ST	MELBOURNE SOUTH	321076	5810337	10578762		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.761	0.36	0.46	0.66	1	
45	STEAD	ST	MELBOURNE SOUTH	321107	5810356	10578914		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.351	-0.05	0.05	0.25	2	
46	STEAD	ST	MELBOURNE SOUTH	321079	5810333	10578754		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.801	0.40	0.50	0.70	1	
47	STEAD	ST	MELBOURNE SOUTH	321111	5810349	10578922		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
48	STEAD	ST	MELBOURNE SOUTH	321082	5810329	10578746		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1					1	
49	STEAD	ST	MELBOURNE SOUTH	321144	5810310	10578930		2.40	2.30	2.10	2.20	0.2	0.0	0.00	1	2.515	0.12	0.22	0.42	1	
50	STEAD	ST	MELBOURNE SOUTH	321085	5810325	10578738		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
51	STEAD	ST	MELBOURNE SOUTH	321148	5810305	10578049		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1	2.515	0.12	0.22	0.42	1	
52	STEAD	ST	MELBOURNE SOUTH	321091	5810318	10578711		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
53	STEAD	ST	MELBOURNE SOUTH	321152	5810300	10578957		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
54	STEAD	ST	MELBOURNE SOUTH	321098	5810309	10578703		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
55	STEAD	ST	MELBOURNE SOUTH	321156	5810296	10578965		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
56	STEAD	ST	MELBOURNE SOUTH	321116	5810286	10578690		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
57	STEAD	ST	MELBOURNE SOUTH	321159	5810292	10578973		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
58	STEAD	ST	MELBOURNE SOUTH	321120	5810281	10578682		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
59	STEAD	ST	MELBOURNE SOUTH	321163	5810287	10578981		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					1	
60	STEAD	ST	MELBOURNE SOUTH	321123	5810276	10578674		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
61	STEAD	ST	MELBOURNE SOUTH	321167	5810282	10579001		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
62	STEAD	ST	MELBOURNE SOUTH	321127	5810272	10578666		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
63	STEAD	ST	MELBOURNE SOUTH	321170	5810278	10579028		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
64	STEAD	ST	MELBOURNE SOUTH	321131	5810268	22024062		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
65	STEAD	ST	MELBOURNE SOUTH	321174	5810273	10579036		2.40	2.30	2.10	2.30	0.1	0.0	0.00	1					0	
67	STEAD	ST	MELBOURNE SOUTH	321178	5810269	10579044		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
73	STEAD	ST	MELBOURNE SOUTH	321186	5810258	10579052		2.40	2.30	2.10	2.40	0.0	0.0	0.00	1					0	
	STEAD	ST	SOUTH MELBOURNE	321183	5810264																
0	STKILDA	RD	MELBOURNE	321823	5809935	10645523															
0	STKILDA	RD	MELBOURNE	321958	5809416	10643683															
0	STKILDA	RD	MELBOURNE	321349	5810697	22507072															
0	STKILDA	RD	MELBOURNE	321317	5810814	22734072															
336	STKILDA	RD	MELBOURNE	321315	5810890	10645419															
340	STKILDA	RD	MELBOURNE	321316	5810869	10645478															
342	STKILDA	RD	MELBOURNE	321316	5810857	10645400															
344	STKILDA	RD	MELBOURNE	321317	5810845	10645398															
346	STKILDA	RD	MELBOURNE	321318	5810833	10645371															
348	STKILDA	RD	MELBOURNE	321321	5810805	10645363															
360	STKILDA	RD	MELBOURNE	321331	5810756	10645355															
368	STKILDA	RD	MELBOURNE	321342	5810717	10645347															
376	STKILDA	RD	MELBOURNE	321350	5810684	22836757															
380	STKILDA	RD	MELBOURNE	321353	5810687	10645320															

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
384	STKILDA	RD	MELBOURNE	321357	5810676	10645312															
390	STKILDA	RD	MELBOURNE	321563	5810454	10644803															
398	STKILDA	RD	MELBOURNE	321591	5810425	10644790															
412	STKILDA	RD	MELBOURNE	321634	5810372	10644782															
414	STKILDA	RD	MELBOURNE	321653	5810342	10644774															
416	STKILDA	RD	MELBOURNE	321668	5810315	10644766															
418	STKILDA	RD	MELBOURNE	321681	5810286	10644758															
420	STKILDA	RD	MELBOURNE	321694	5810259	10644731															
424	STKILDA	RD	MELBOURNE	321713	5810200	10644723															
426	STKILDA	RD	MELBOURNE	321722	5810172	10644715															
428	STKILDA	RD	MELBOURNE	321731	5810142	10644379															
432	STKILDA	RD	MELBOURNE	321741	5810113	10644360															
434	STKILDA	RD	MELBOURNE	321750	5810083	10644352															
436	STKILDA	RD	MELBOURNE	321759	5810054	10644344															
442	STKILDA	RD	MELBOURNE	321767	5810025	10644336															
448	STKILDA	RD	MELBOURNE	321776	5809995	10644328															
450	STKILDA	RD	MELBOURNE	321785	5809967	10644301															
452	STKILDA	RD	MELBOURNE	321793	5809938	10644299		5.30	5.20	5.15	5.00	0.3	1.3	0.39	1					1	
454	STKILDA	RD	MELBOURNE	321810	5809889	10644280		5.30	5.20	5.15	5.00	0.3	1.3	0.39	1	5.22	-0.08	0.02	0.07	2	
456	STKILDA	RD	MELBOURNE	321819	5809859	10644272		5.30	5.20	5.15	5.20	0.1	1.2	0.12	1	5.257	-0.04	0.06	0.11	2	
458	STKILDA	RD	MELBOURNE	321829	5809830	10643827		5.30	5.20	5.15	5.20	0.1	1.2	0.12	1	5.15	-0.15	-0.05	0.00	3	
462	STKILDA	RD	MELBOURNE	321837	5809801	10643798		5.30	5.20	5.15	5.20	0.1	1.2	0.12	1	5.373	0.07	0.17	0.22	1	
464	STKILDA	RD	MELBOURNE	321851	5809757	10643771		5.30	5.20	5.15	5.40	0.0	1.2	0.00	1					1	
468	STKILDA	RD	MELBOURNE	321865	5809714	10643763		5.30	5.20	5.15	5.40	0.0	1.2	0.00	1					0	
470	STKILDA	RD	MELBOURNE	321870	5809687	10643755		5.30	5.20	5.15	5.60	0.0	1.2	0.00	1					0	
472	STKILDA	RD	MELBOURNE	321888	5809638	10643747															
474	STKILDA	RD	MELBOURNE	321898	5809609	10643739															
476	STKILDA	RD	MELBOURNE	321907	5809580	10643720															
478	STKILDA	RD	MELBOURNE	321916	5809552	10643712															
480	STKILDA	RD	MELBOURNE	321925	5809524	10643704															
482	STKILDA	RD	MELBOURNE	321940	5809480	10643691															
490	STKILDA	RD	MELBOURNE	321903	5809399	25419828															
490	STKILDA	RD	MELBOURNE	321958	5809419	25419836															
492	STKILDA	RD	MELBOURNE	321965	5809390	10643675															
494	STKILDA	RD	MELBOURNE	321984	5809332	10643667															
	STKILDA	RD	MELBOURNE	321556	5810464																
	STKILDA	RD	MELBOURNE	321561	5810459																
	STKILDA	RD	MELBOURNE	321573	5810449																
	STKILDA	RD	MELBOURNE	321542	5810418																
	STKILDA	RD	MELBOURNE	321847	5809773																
0	STURT	ST	MELBOURNE SOUTH	320805	5810886	10559668															
0	STURT	ST	MELBOURNE SOUTH	320812	5810915	23147187															
117	STURT	ST	MELBOURNE SOUTH	320134	5811228	10559481															
175	STURT	ST	MELBOURNE SOUTH	320891	5811065	10559545															
189	STURT	ST	MELBOURNE SOUTH	320880	5811017	10559568															
211	STURT	ST	MELBOURNE SOUTH	320870	5810946	23948953															
211	STURT	ST	SOUTH MELBOURNE	320870	5810946	10559705															
240	STURT	ST	MELBOURNE SOUTH	320850	5811124	10559684															
242	STURT	ST	MELBOURNE SOUTH	320842	5811062	10559633															
252	STURT	ST	MELBOURNE SOUTH	320831	5811014	10559625															
264	STURT	ST	MELBOURNE SOUTH	320823	5810976	10559617															
282	STURT	ST	MELBOURNE SOUTH	320780	5810777	10559598		1.80	1.70	1.60	1.40	0.4	0.4	0.16	1	2.085	0.29	0.39	0.49	1	
284	STURT	ST	MELBOURNE SOUTH	320777	5810763	10559596		1.80	1.70	1.60	1.40	0.4	0.4	0.16	1	1.87	0.07	0.17	0.27	1	
	STURT	ST	SOUTH MELBOURNE	320839	5811048																

Melbourne Water Catchment: Port Phillip
Main Drain Name: Hanna Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
5	THOMSON	ST	MELBOURNE SOUTH	320959	5810135	22016820															
18	THOMSON	ST	MELBOURNE SOUTH	320926	5810154	10571490															
22	THOMSON	ST	MELBOURNE SOUTH	320916	5810150	10571480															
24	THOMSON	ST	MELBOURNE SOUTH	320908	5810147	10571472															
26	THOMSON	ST	MELBOURNE SOUTH	320901	5810145	22918309															
28	THOMSON	ST	MELBOURNE SOUTH	320894	5810142	10571456															
30	THOMSON	ST	MELBOURNE SOUTH	320886	5810139	10571448															
	THOMSON	ST	MELBOURNE SOUTH	320905	5810116																
	THOMSON	ST	MELBOURNE SOUTH	320912	5810118																
	THOMSON	ST	MELBOURNE SOUTH	320917	5810120																
	THOMSON	ST	MELBOURNE SOUTH	320920	5810121																
	THOMSON	ST	MELBOURNE SOUTH	320924	5810123																
	THOMSON	ST	MELBOURNE SOUTH	320930	5810125																
	THOMSON	ST	MELBOURNE SOUTH	320941	5810129																
	THOMSON	ST	MELBOURNE SOUTH	320947	5810131																
	THOMSON	ST	MELBOURNE SOUTH	320953	5810134																
	THOMSON	ST	MELBOURNE SOUTH	320938	5810158																
	THOMSON	ST	MELBOURNE SOUTH	320943	5810160																
	THOMSON	ST	MELBOURNE SOUTH	320946	5810162																
	THOMSON	ST	MELBOURNE SOUTH	320950	5810162																
	THOMSON	ST	MELBOURNE SOUTH	320953	5810164																
	THOMSON	ST	MELBOURNE SOUTH	320958	5810165																
	THOMSON	ST	MELBOURNE SOUTH	320965	5810167																
16	TICHBORNE	PL	MELBOURNE SOUTH	320677	5810865	10560159															
18	TICHBORNE	PL	MELBOURNE SOUTH	320680	5810860	10560140															
30	TOPE	ST	MELBOURNE SOUTH	320584	5810939	10581814															
33	TOPE	ST	MELBOURNE SOUTH	320641	5810893	10581371															
34	TOPE	ST	MELBOURNE SOUTH	320606	5810882	10581806															
37	TOPE	ST	MELBOURNE SOUTH	320643	5810887	10581398															
41	TOPE	ST	MELBOURNE SOUTH	320645	5810881	10581400															
43	TOPE	ST	MELBOURNE SOUTH	320648	5810875	10581419															
44	TOPE	ST	MELBOURNE SOUTH	320617	5810854	10581793															
45	TOPE	ST	MELBOURNE SOUTH	320652	5810870	10581427															
46	TOPE	ST	MELBOURNE SOUTH	320618	5810851	10581785															
49	TOPE	ST	MELBOURNE SOUTH	320654	5810858	10581435															
50	TOPE	ST	MELBOURNE SOUTH	320620	5810846	10581777															
52	TOPE	ST	MELBOURNE SOUTH	320624	5810835	10581769															
53	TOPE	ST	MELBOURNE SOUTH	320657	5810850	10581443															
58	TOPE	ST	MELBOURNE SOUTH	320654	5810760	10581750															
60	TOPE	ST	MELBOURNE SOUTH	320656	5810756	22784360															
63	TOPE	ST	MELBOURNE SOUTH	320690	5810769	10581451															
64	TOPE	ST	MELBOURNE SOUTH	320655	5810756	22784379															
65	TOPE	ST	MELBOURNE SOUTH	320704	5810744	10581478															
66	TOPE	ST	MELBOURNE SOUTH	320660	5810744	10581742															
68	TOPE	ST	MELBOURNE SOUTH	320665	5810731	10581734															
72	TOPE	ST	MELBOURNE SOUTH	320668	5810724	10581726															
74	TOPE	ST	MELBOURNE SOUTH	320672	5810721	10581718															
85	TOPE	ST	MELBOURNE SOUTH	320737	5810648	10581466															
86	TOPE	ST	MELBOURNE SOUTH	320697	5810648	10581697															
88	TOPE	ST	MELBOURNE SOUTH	320700	5810642	10581689															
89	TOPE	ST	MELBOURNE SOUTH	320743	5810633	10581494															
90	TOPE	ST	MELBOURNE SOUTH	320701	5810639	10581670															
92	TOPE	ST	MELBOURNE SOUTH	320704	5810631	10581662															
96	TOPE	ST	MELBOURNE SOUTH	320710	5810617	10581654															

Melbourne Water Catchment: Port Phillip
Main Drain Name: Hanna Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
97	TOPE	ST	MELBOURNE SOUTH	320747	5810620	10581507															
99	TOPE	ST	MELBOURNE SOUTH	320750	5810613	10581515															
101	TOPE	ST	MELBOURNE SOUTH	320752	5810608	10581523															
102	TOPE	ST	MELBOURNE SOUTH	320715	5810603	10581646															
106	TOPE	ST	MELBOURNE SOUTH	320719	5810593	10581638															
108	TOPE	ST	MELBOURNE SOUTH	320750	5810515	10581611															
110	TOPE	ST	MELBOURNE SOUTH	320752	5810509	10581603															
112	TOPE	ST	MELBOURNE SOUTH	320754	5810504	10581590															
114	TOPE	ST	MELBOURNE SOUTH	320756	5810498	10581582															
116	TOPE	ST	MELBOURNE SOUTH	320757	5810494	25406138															
118	TOPE	ST	MELBOURNE SOUTH	320761	5810487	10581574															
120	TOPE	ST	MELBOURNE SOUTH	320763	5810480	10581566															
122	TOPE	ST	MELBOURNE SOUTH	320765	5810476	10581558															
124	TOPE	ST	MELBOURNE SOUTH	320768	5810469	10581531															
	TOPE	ST	SOUTH MELBOURNE	320762	5810484																
	TOPE	ST	SOUTH MELBOURNE	320760	5810489																
	TOPE	ST	MELBOURNE SOUTH	320669	5810724																
	TOPE	ST	MELBOURNE SOUTH	320674	5810714																
	TOPE	ST	MELBOURNE SOUTH	320676	5810708																
	TOPE	ST	MELBOURNE SOUTH	320696	5810755																
	TOPE	ST	MELBOURNE SOUTH	320652	5810768																
	TOPE	ST	MELBOURNE SOUTH	320644	5810885																
	TOPE	ST	MELBOURNE SOUTH	320646	5810878																
	TOPE	ST	MELBOURNE SOUTH	320714	5810606																
	TOPE	ST	MELBOURNE SOUTH	320741	5810638																
	TOPE	ST	MELBOURNE SOUTH	320744	5810629																
	TOPE	ST	MELBOURNE SOUTH	320745	5810624																
16	WALKER	ST	MELBOURNE SOUTH	320279	5811532	10558358		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
17	WALKER	ST	MELBOURNE SOUTH	320320	5811572	10558366		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
	WALKER	ST	SOUTH MELBOURNE	320322	5811623																
145	WELLS	ST	MELBOURNE SOUTH	321227	5810819	10575756															
175	WELLS	ST	MELBOURNE SOUTH	321242	5810739	10575764															
181	WELLS	ST	MELBOURNE SOUTH	321250	5810718	10575772															
200	WELLS	ST	MELBOURNE SOUTH	321232	5810646	10575780															
0	WHITEMAN	ST	MELBOURNE SOUTH	320200	5811532	21913626															
0	WHITEMAN	ST	MELBOURNE SOUTH	319980	5811130	36163207															
8	WHITEMAN	ST	MELBOURNE SOUTH	320368	5811721	10558665															
10	WHITEMAN	ST	MELBOURNE SOUTH	320350	5811701	10558657															
13	WHITEMAN	ST	MELBOURNE SOUTH	320296	5811590	10558374															
16	WHITEMAN	ST	MELBOURNE SOUTH	320336	5811686	10558630															
18	WHITEMAN	ST	MELBOURNE SOUTH	320328	5811678	10558622															
20	WHITEMAN	ST	MELBOURNE SOUTH	320294	5811641	10558614															
23	WHITEMAN	ST	MELBOURNE SOUTH	320267	5811557	10558382		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
25	WHITEMAN	ST	MELBOURNE SOUTH	320259	5811548	10558390		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
37	WHITEMAN	ST	MELBOURNE SOUTH	320167	5811447	10558403		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
38	WHITEMAN	ST	MELBOURNE SOUTH	320260	5811604	10558606															
42	WHITEMAN	ST	MELBOURNE SOUTH	320243	5811583	10558585															
47	WHITEMAN	ST	MELBOURNE SOUTH	320146	5811424	10558411		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					0	
48	WHITEMAN	ST	MELBOURNE SOUTH	320228	5811573	10558649															
48	WHITEMAN	ST	MELBOURNE SOUTH	320229	5811568	10558577															
50	WHITEMAN	ST	MELBOURNE SOUTH	320184	5811520	10558569															
52	WHITEMAN	ST	MELBOURNE SOUTH	320176	5811512	10558550															
56	WHITEMAN	ST	MELBOURNE SOUTH	320169	5811504	10558542															
60	WHITEMAN	ST	MELBOURNE SOUTH	320156	5811488	10558534															

Melbourne Water Catchment: Port Phillip
Main Drain Name: Hanna Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
64	WHITEMAN	ST	MELBOURNE SOUTH	320128	5811460	10558526															
68	WHITEMAN	ST	MELBOURNE SOUTH	320105	5811434	10558518															
69	WHITEMAN	ST	MELBOURNE SOUTH	320020	5811286	10558438															
73	WHITEMAN	ST	MELBOURNE SOUTH	320174	5811289	10558446															
76	WHITEMAN	ST	MELBOURNE SOUTH	320030	5811355	22024070		1.10	1.10	1.10	1.00	0.1	0.0	0.00	1					1	
81	WHITEMAN	ST	MELBOURNE SOUTH	319995	5811258	10558454															
87	WHITEMAN	ST	MELBOURNE SOUTH	319969	5811212	10555034															
88	WHITEMAN	ST	MELBOURNE SOUTH	319914	5811228	10558470															
	WHITEMAN	ST	SOUTH MELBOURNE	320189	5811472																
	WHITEMAN	ST	SOUTH MELBOURNE	320312	5811607																
	WHITEMAN	ST	MELBOURNE SOUTH	320008	5811273																
	WHITEMAN	ST	MELBOURNE SOUTH	320037	5811305																
	WHITEMAN	ST	MELBOURNE SOUTH	320020	5811334																
0	YARRABANK	RD	MELBOURNE SOUTH	320154	5811646	10542161															
29	YARRABANK	RD	MELBOURNE SOUTH	320275	5811727	10542081															
35	YARRABANK	RD	MELBOURNE SOUTH	320243	5811706	10542110															
41	YARRABANK	RD	MELBOURNE SOUTH	320231	5811698	10542129															
47	YARRABANK	RD	MELBOURNE SOUTH	320218	5811688	10542145															
65	YARRABANK	RD	MELBOURNE SOUTH	320160	5811650	10542153															
79	YARRABANK	RD	MELBOURNE SOUTH	320065	5811586	10542138															
86	YARRABANK	RD	MELBOURNE SOUTH	320116	5811670	10542233															
2	YORK	ST	MELBOURNE SOUTH	320641	5810965	10553653		1.74	1.64	1.48	1.20	0.5	0.0	0.00	1	1.817	0.08	0.18	0.34	1	
10	YORK	ST	MELBOURNE SOUTH	320628	5810960	10553645		1.74	1.64	1.48	1.30	0.4	0.0	0.00	1						
12	YORK	ST	MELBOURNE SOUTH	320620	5810957	10553637		1.74	1.64	1.48	1.40	0.3	0.0	0.00	1	1.417	-0.32	-0.22	-0.06	4	
13	YORK	ST	MELBOURNE SOUTH	320662	5810923	10553661		1.74	1.64	1.48	1.20	0.5	0.0	0.00	1	1.369	-0.37	-0.27	-0.11	4	
14	YORK	ST	MELBOURNE SOUTH	320613	5810954	10553629		1.74	1.64	1.48	1.40	0.3	0.0	0.00	1	1.767	0.03	0.13	0.29	1	
17	YORK	ST	MELBOURNE SOUTH	320644	5810916	10553688		1.74	1.64	1.48	1.20	0.5	0.0	0.00	1	1.662	-0.08	0.02	0.18	2	
25	YORK	ST	MELBOURNE SOUTH	320630	5810911	10553696		1.74	1.64	1.48	1.40	0.3	0.0	0.00	1	1.565	-0.18	-0.08	0.09	3	
29	YORK	ST	MELBOURNE SOUTH	320605	5810900	10553709															
31	YORK	ST	MELBOURNE SOUTH	320600	5810898	10553717															
33	YORK	ST	MELBOURNE SOUTH	320596	5810897	10553725															
35	YORK	ST	MELBOURNE SOUTH	320592	5810895	10553733															
	YORK	ST	MELBOURNE SOUTH	320658	5810922																

Gutteridge Haskins & Davey Pty Ltd
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A.C.N. 008 488 373

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Calculations

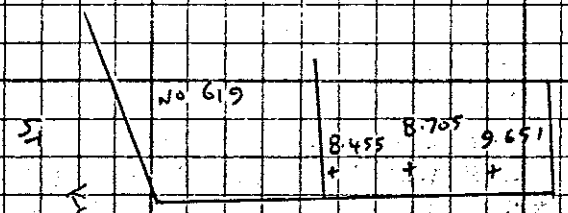
COWDEROY

Client/Project MELBOURNE WATER PORT PHILLIP FLOOD MAPPING Job No. B100/98/00

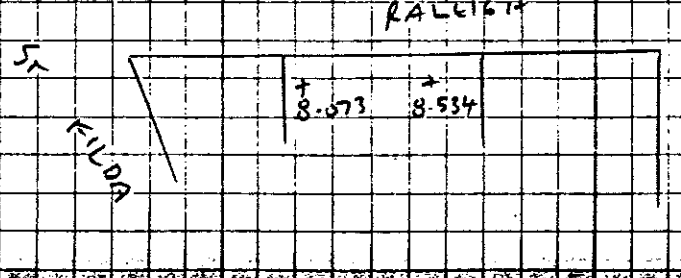
Calc. by GEOMATIK BERVICES Date 2/97 Checked by _____ Page 1 of 4

COWDEROY ST DRAIN

71	QUEEN ST	4.271
PROPERTY FACING QUEENS LANE / REAR 70 QUEEN ST		5.316
600	ST KILDA RD	6.504
615	" " "	7.033
622	" " "	6.446
607	" " "	7.237
K1	UNION	5.128
FACING RALEIGH ST, 615 ST KILDA RD		7.098



88	PUNT	RD	9.530
86	"	"	9.560
84	"	"	9.452
82	"	"	9.455
80	"	"	9.450
72	"	"	9.513
70	"	"	9.512
68	"	"	9.505
66	"	"	9.581
76-78	"	"	9.590
60	"	"	9.878



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Calculations

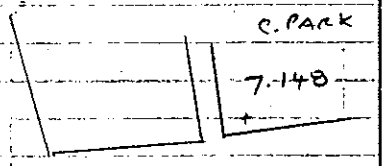
Client/Project _____ Job No. 8100/98

Calc. by _____ Date 2/97 Checked by _____ Page 2 of 4

CAR PARK

612 ST KILDA

4.476



ST KILDA RD

RALEIGH

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Calculations

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Client/Project CANDEROY Job No. 8100/98

Calc. by _____ Date 2/97 Checked by _____ Page 3 of 4

2 UNION ST	10.178
9 "	10.228
5 "	10.208
7 "	10.208
11 "	10.255
4 "	10.278
6 "	10.278
8	10.383
10	10.369
12	10.541
13	10 519
15	10. 519
16	10.486
18	10.486
17	10.568
19	10.568
21	10.728
25	10.868
27	10.868
29	10.928
26	11.048
28	10.913
33	10.988
35	10.988
34	11.042
32	11.061
30	11.061
37	11.258
39	11.258
42	11.182
44	11.182
41	11.231
43	11.231
48	11.469
50	11.553
54	11.638
52	11.638
HOUSING COM. UNITS	11.628
56	11.683
58	11.767
60	11.767
62	11.729
64	12.102
66	11.974
68	12.055
UNIT 1, 70-72	12.353
51	11.983
74 "	12.728

Gutteridge Haskins & Davey Pty Ltd
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Calculations

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Client/Project _____ Job No. 8100/98/00

Calc. by _____ Date 2/97 Checked by _____ Page 4 of 4

76 UNION ST	12.728
UNIT 1, 55 "	12.470
78 "	12.869
80 "	12.812
UNIT 10, 55 "	12.887
82 "	12.742
84 "	12.694
UNIT 20, 55 "	12.901
86 "	12.961
88 "	12.971
90 "	12.908
UNIT 21, 55 "	12.911

Melbourne Water Catchment: Port Phillip
Main Drain Name: Cowderoy/Union Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
173	CANTERBURY	RD	ALBERT PARK	321218	5808344	10634250		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
175	CANTERBURY	RD	ALBERT PARK	321225	5808338	10634242		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
176	CANTERBURY	RD	ALBERT PARK	321233	5808330	10634234		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
177	CANTERBURY	RD	ALBERT PARK	321243	5808325	10634226		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
178	CANTERBURY	RD	ALBERT PARK	321254	5808311	10634218		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
179	CANTERBURY	RD	ALBERT PARK	321261	5808304	10634197		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
180	CANTERBURY	RD	ALBERT PARK	321265	5808300	10634189		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
181	CANTERBURY	RD	ALBERT PARK	321273	5808293	10634170		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
182	CANTERBURY	RD	ST KILDA	321304	5808263	10685840		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
183	CANTERBURY	RD	ST KILDA	321311	5808258	10685859		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
184	CANTERBURY	RD	ST KILDA	321317	5808252	10685867		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
185	CANTERBURY	RD	ST KILDA	321323	5808246	10685875		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
186	CANTERBURY	RD	ST KILDA	321330	5808239	10685883		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
187	CANTERBURY	RD	ST KILDA	321336	5808234	10685891		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
188	CANTERBURY	RD	ST KILDA	321342	5808229	10685904		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
189	CANTERBURY	RD	ST KILDA	321347	5808225	10685912		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
190	CANTERBURY	RD	ST KILDA	321354	5808218	10685920		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
191	CANTERBURY	RD	ST KILDA	321364	5808210	10685939		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
193	CANTERBURY	RD	ST KILDA	321376	5808199	10685947		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
194	CANTERBURY	RD	ST KILDA	321382	5808193	10685955		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
195	CANTERBURY	RD	ST KILDA	321435	5808212	10687512		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
195	CANTERBURY	RD	ST KILDA	321388	5808189	10685963		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
196	CANTERBURY	RD	ST KILDA	321393	5808184	10685971		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
197	CANTERBURY	RD	ST KILDA	321405	5808177	10698078		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
198	CANTERBURY	RD	ST KILDA	321512	5808144	10687539		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
199	CANTERBURY	RD	ST KILDA	321507	5808084	10685998		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
200	CANTERBURY	RD	ST KILDA	321513	5808077	10686018		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
201	CANTERBURY	RD	ST KILDA	321520	5808069	10686026		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
202	CANTERBURY	RD	ST KILDA	321526	5808062	10686034		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
203	CANTERBURY	RD	ST KILDA	321533	5808055	10686042		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
204	CANTERBURY	RD	ST KILDA	321540	5808047	10686050		2.00	2.10	2.05	1.80	0.2	0.0	0.00	1					1	
205	CANTERBURY	RD	ST KILDA	321546	5808040	10686069		2.00	2.10	2.05	1.80	0.2	0.0	0.00	1					1	
206	CANTERBURY	RD	ST KILDA	321558	5808028	10686077		2.00	2.10	2.05	1.80	0.2	0.0	0.00	1					1	
207	CANTERBURY	RD	ST KILDA	321572	5808012	10686253		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
208	CANTERBURY	RD	ST KILDA	321586	5807997	10686448		2.00	2.10	2.05	1.80	0.2	0.0	0.00	1					1	
209	CANTERBURY	RD	ST KILDA	321597	5807987	10686456		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
210	CANTERBURY	RD	ST KILDA	321604	5807979	10686464		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
211	CANTERBURY	RD	ST KILDA	321614	5807967	10686472		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
212	CANTERBURY	RD	ST KILDA	321643	5807937	10686632		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
213	CANTERBURY	RD	ST KILDA	321647	5807932	10686640		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
214	CANTERBURY	RD	ST KILDA	321651	5807927	10686659		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
215	CANTERBURY	RD	ST KILDA	321655	5807922	10686667		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
216	CANTERBURY	RD	ST KILDA	321662	5807916	10686675		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
217	CANTERBURY	RD	ST KILDA	321667	5807909	10686683		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
218	CANTERBURY	RD	ST KILDA	321672	5807904	10686691		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
219	CANTERBURY	RD	ST KILDA	321679	5807897	10686704		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
220	CANTERBURY	RD	ST KILDA	321685	5807891	10686712		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
221	CANTERBURY	RD	ST KILDA	321688	5807887	10686720		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
222	CANTERBURY	RD	ST KILDA	321694	5807880	10686739		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
222	CANTERBURY	RD	ST KILDA	321691	5807875	25435107		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
223	CANTERBURY	RD	ST KILDA	321703	5807871	10686747		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
224	CANTERBURY	RD	ST KILDA	321712	5807862	10686755		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
225	CANTERBURY	RD	ST KILDA	321724	5807848	10686763		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
226	CANTERBURY	RD	ST KILDA	321740	5807831	10687010		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
262	CANTERBURY	RD	ST KILDA	321383	5808257	36608501		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
263	CANTERBURY	RD	ST KILDA	321389	5808251	36608528		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
264	CANTERBURY	RD	ST KILDA	321396	5808246	36608536		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
265	CANTERBURY	RD	ST KILDA	321402	5808240	36608544		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.461	0.26	0.36	0.41	1	
266	CANTERBURY	RD	ST KILDA	321408	5808235	36608552		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
267	CANTERBURY	RD	ST KILDA	321414	5808230	36608560		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.378	0.18	0.28	0.33	1	
268	CANTERBURY	RD	ST KILDA	321420	5808225	36608579		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.363	0.16	0.26	0.31	1	
269	CANTERBURY	RD	ST KILDA	321426	5808219	36608587		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.363	0.16	0.26	0.31	1	
270	CANTERBURY	RD	ST KILDA	321433	5808213	36608595		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
271	CANTERBURY	RD	ST KILDA	321439	5808208	36608608		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
272	CANTERBURY	RD	ST KILDA	321444	5808203	36608616		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
273	CANTERBURY	RD	ST KILDA	321450	5808198	36608624		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
274	CANTERBURY	RD	ST KILDA	321455	5808193	36608632		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
275	CANTERBURY	RD	ST KILDA	321462	5808188	36608640		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.076	-0.12	-0.02	0.03	3	
276	CANTERBURY	RD	ST KILDA	321468	5808182	36608659		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
277	CANTERBURY	RD	ST KILDA	321474	5808177	36608667		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	

Melbourne Water Catchment: Port Phillip
Main Drain Name: Cowderoy/Union Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
278	CANTERBURY	RD	ST KILDA	321481	5808171	36608675		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.142	-0.06	0.04	0.09	2	
279	CANTERBURY	RD	ST KILDA	321486	5808167	36608683		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
280	CANTERBURY	RD	ST KILDA	321492	5808161	36608691		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.352	0.15	0.25	0.30	1	
281	CANTERBURY	RD	ST KILDA	321498	5808156	36608704		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
282	CANTERBURY	RD	ST KILDA	321505	5808150	36608712		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
282	CANTERBURY	RD	ST KILDA	321506	5808149			2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
283	CANTERBURY	RD	ST KILDA	321511	5808144	36608720		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
284	CANTERBURY	RD	ST KILDA	321517	5808140	36608739		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
285	CANTERBURY	RD	ST KILDA	321522	5808135	36608747		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
286	CANTERBURY	RD	ST KILDA	321527	5808130	36608755		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
287	CANTERBURY	RD	ST KILDA	321542	5808115	36099284		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
288	CANTERBURY	RD	ST KILDA	321547	5808110	36099292		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
289	CANTERBURY	RD	ST KILDA	321551	5808105	36099305		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
290	CANTERBURY	RD	ST KILDA	321556	5808100	36099313		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
291	CANTERBURY	RD	ST KILDA	321561	5808095	36099321		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
292	CANTERBURY	RD	ST KILDA	321565	5808090	36099348		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
293	CANTERBURY	RD	ST KILDA	321570	5808085	36099356		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
294	CANTERBURY	RD	ST KILDA	321574	5808080	36099364		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
295	CANTERBURY	RD	ST KILDA	321579	5808075	36099372		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
296	CANTERBURY	RD	ST KILDA	321584	5808070	36099380		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
297	CANTERBURY	RD	ST KILDA	321589	5808065	36099399		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
298	CANTERBURY	RD	ST KILDA	321593	5808060	36099401		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
299	CANTERBURY	RD	ST KILDA	321598	5808055	36099428		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
300	CANTERBURY	RD	ST KILDA	321603	5808049	36099436		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
301	CANTERBURY	RD	ST KILDA	321609	5808043	36099444		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
302	CANTERBURY	RD	ST KILDA	321615	5808037	36099452		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.497	0.30	0.40	0.45	1	
303	CANTERBURY	RD	ST KILDA	321619	5808032	36099460		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.207	0.01	0.11	0.16	1	
304	CANTERBURY	RD	ST KILDA	321624	5808027	36099479		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.269	0.07	0.17	0.22	1	
305	CANTERBURY	RD	ST KILDA	321628	5808022	36099487		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.265	0.06	0.17	0.22	1	
306	CANTERBURY	RD	ST KILDA	321633	5808017	36099495		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.277	0.08	0.18	0.23	1	
307	CANTERBURY	RD	ST KILDA	321638	5808012	36099508		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.105	-0.10	0.00	0.06	2	
308	CANTERBURY	RD	ST KILDA	321642	5808008	36099516		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.131	-0.07	0.03	0.08	2	
309	CANTERBURY	RD	ST KILDA	321647	5808002	36099524		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.341	0.14	0.24	0.29	1	
310	CANTERBURY	RD	ST KILDA	321653	5807997	36099532		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.251	0.05	0.15	0.20	1	
311	CANTERBURY	RD	ST KILDA	321658	5807991	36099540		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1	2.321	0.12	0.22	0.27	1	
312	CANTERBURY	RD	ST KILDA	321664	5807985	36099559		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
313	CANTERBURY	RD	ST KILDA	321673	5807974	36099567		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
314	CANTERBURY	RD	ST KILDA	321679	5807968	36099575		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
315	CANTERBURY	RD	ST KILDA	321683	5807963	36099583		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
316	CANTERBURY	RD	ST KILDA	321688	5807958	36099591		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
317	CANTERBURY	RD	ST KILDA	321692	5807953	36099604		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
318	CANTERBURY	RD	ST KILDA	321696	5807948	36099612		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
319	CANTERBURY	RD	ST KILDA	321701	5807943	36099620		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
320	CANTERBURY	RD	ST KILDA	321705	5807939	36099639		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
321	CANTERBURY	RD	ST KILDA	321709	5807935	36099647		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
322	CANTERBURY	RD	ST KILDA	321713	5807931	36099655		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
323	CANTERBURY	RD	ST KILDA	321717	5807927	36099663		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
324	CANTERBURY	RD	ST KILDA	321720	5807923	36099671		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
325	CANTERBURY	RD	ST KILDA	321724	5807919	36099698		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
326	CANTERBURY	RD	ST KILDA	321729	5807913	36099700		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
328	CANTERBURY	RD	ST KILDA	321750	5807891	36099719		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
329	CANTERBURY	RD	ST KILDA	321755	5807886	36099727		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
330	CANTERBURY	RD	ST KILDA	321761	5807879	36099735		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
332	CANTERBURY	RD	ST KILDA	321772	5807868	36099751		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
1	COWDEROY	PL	ST KILDA	321411	5808164	10698051		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
3	COWDEROY	PL	ST KILDA	321423	5808119	10698326		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
1	COWDEROY	ST	ST KILDA	321430	5808064	10698334		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
2	COWDEROY	ST	ST KILDA	321489	5808052	10698473		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
3	COWDEROY	ST	ST KILDA	321428	5808039	10698342		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
4	COWDEROY	ST	ST KILDA	321487	5808046	10698481		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
6	COWDEROY	ST	ST KILDA	321480	5808035	10698502		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
7	COWDEROY	ST	ST KILDA	321379	5807963	10698350		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
8	COWDEROY	ST	ST KILDA	321474	5808025	10698510		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
9	COWDEROY	ST	ST KILDA	321372	5807949	10698369		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
10	COWDEROY	ST	ST KILDA	321465	5808012	10698529		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
11	COWDEROY	ST	ST KILDA	321363	5807936	10698377		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
12	COWDEROY	ST	ST KILDA	321457	5807999	10698537		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
15	COWDEROY	ST	ST KILDA	321327	5807880	10698385		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
16	COWDEROY	ST	ST KILDA	321353	5807836	10698545		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
17	COWDEROY	ST	ST KILDA	321314	5807859	10698465		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
20	COWDEROY	ST	ST KILDA	321332	5807801	10698553		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
1	DEAKIN	ST	ST KILDA	321507	5807904	10698561		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
2	DEAKIN	ST	ST KILDA	321453	5807862	10698596		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	

Melbourne Water Catchment: Port Phillip
Main Drain Name: Cowderoy/Union Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
3	DEAKIN	ST	ST KILDA	321575	5807934	10698588		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
4	DEAKIN	ST	ST KILDA	321467	5807861	10698609		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
6	DEAKIN	ST	ST KILDA	321483	5807863	10698617		2.20	2.10	2.05	1.40	0.8	0.0	0.00	1	2.044	-0.16	-0.06	-0.01	4	
8	DEAKIN	ST	ST KILDA	321512	5807862	10698625		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
10	DEAKIN	ST	ST KILDA	321526	5807864	10698633		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
10	DEAKIN	ST	ST KILDA	321540	5807864	10698641		2.20	2.10	2.05	1.60	0.6	0.0	0.00	1					1	
12	DEAKIN	ST	ST KILDA	321611	5807905	10698668		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
14	DEAKIN	ST	ST KILDA	321623	5807913	10698676		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.384	0.18	0.28	0.33	1	
16	DEAKIN	ST	ST KILDA	321632	5807920	10698684		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
1	FRASER	ST	ALBERT PARK	321279	5808245	10697921		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
2	FRASER	ST	ALBERT PARK	321235	5808277	10640714		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
3	FRASER	ST	ALBERT PARK	321268	5808240	10697948		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
4	FRASER	ST	ALBERT PARK	321225	5808272	10640706		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
5	FRASER	ST	ALBERT PARK	321260	5808236	10697956		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
6	FRASER	ST	ALBERT PARK	321220	5808270	10640693		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
7	FRASER	ST	ALBERT PARK	321253	5808233	10697964		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
8	FRASER	ST	ALBERT PARK	321215	5808267	10640685		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
9	FRASER	ST	ALBERT PARK	321245	5808230	10697972		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
10	FRASER	ST	ALBERT PARK	321208	5808263	10640677		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
11	FRASER	ST	ALBERT PARK	321193	5808205	10697980		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					0	
1	HENRY	ST	PRAHRAN	322435	5808264			10.20	10.10	10.00	10.20	0.0	0.0	0.00	1					1	
2	HENRY	ST	PRAHRAN	322435	5808264	1698726		8.86	8.76	8.66	8.50	0.4	1.7	0.61	2	9.03	0.17	0.27	0.37	1	
18	LOCH	ST	ST KILDA	321656	5807787	10695205		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
19	LOCH	ST	ST KILDA	321633	5807757	10695694		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
20	LOCH	ST	ST KILDA	321648	5807797	10695213		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
21	LOCH	ST	ST KILDA	321624	5807769	10695707		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
23	LOCH	ST	ST KILDA	321611	5807785	10695715		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
24	LOCH	ST	ST KILDA	321639	5807809	10695221		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
25	LOCH	ST	ST KILDA	321601	5807797	10695723		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
26	LOCH	ST	ST KILDA	321629	5807822	10695379		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1	2.352	0.15	0.25	0.30	1	
27	LOCH	ST	ST KILDA	321595	5807805	10695731		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
28	LOCH	ST	ST KILDA	321619	5807834	10695520		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.357	0.16	0.26	0.31	1	
29	LOCH	ST	ST KILDA	321586	5807817	10695758		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
30	LOCH	ST	ST KILDA	321613	5807842	10695539		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.192	-0.01	0.09	0.14	2	
31	LOCH	ST	ST KILDA	321576	5807830	10695766		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
32	LOCH	ST	ST KILDA	321604	5807854	10695547		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
33	LOCH	ST	ST KILDA	321570	5807837	10695774		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.218	0.02	0.12	0.17	1	
34	LOCH	ST	ST KILDA	321596	5807864	10695555		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
35	LOCH	ST	ST KILDA	321564	5807845	10695782		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.263	0.06	0.16	0.21	1	
36	LOCH	ST	ST KILDA	321588	5807873	10695563		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
37	LOCH	ST	ST KILDA	321553	5807859	10695790		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
38	LOCH	ST	ST KILDA	321581	5807883	10695571		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1	2.176	-0.02	0.08	0.13	2	
1	LONGMORE	ST	ST KILDA	321230	5808199	10697681					2.20	0.0	0.0	0.00	1					0	
2	LONGMORE	ST	ST KILDA	321273	5808213	10697470					2.20	0.0	0.0	0.00	1					0	
3	LONGMORE	ST	ST KILDA	321240	5808193	10697702					2.20	0.0	0.0	0.00	1					0	
4	LONGMORE	ST	ST KILDA	321279	5808210	10697489					2.20	0.0	0.0	0.00	1					0	
5	LONGMORE	ST	ST KILDA	321253	5808185	10697710					2.20	0.0	0.0	0.00	1					0	
6	LONGMORE	ST	ST KILDA	321285	5808208	10697497					2.20	0.0	0.0	0.00	1					0	
7	LONGMORE	ST	ST KILDA	321265	5808178	10697729					2.20	0.0	0.0	0.00	1					0	
8	LONGMORE	ST	ST KILDA	321290	5808204	10697518					2.20	0.0	0.0	0.00	1					0	
9	LONGMORE	ST	ST KILDA	321275	5808172	10697737					2.20	0.0	0.0	0.00	1					0	
10	LONGMORE	ST	ST KILDA	321296	5808201	10697526					2.20	0.0	0.0	0.00	1					0	
11	LONGMORE	ST	ST KILDA	321284	5808166	10697745					2.20	0.0	0.0	0.00	1					0	
12	LONGMORE	ST	ST KILDA	321301	5808197	10697534					2.20	0.0	0.0	0.00	1					0	
13	LONGMORE	ST	ST KILDA	321293	5808161	10697753					2.20	0.0	0.0	0.00	1					0	
14	LONGMORE	ST	ST KILDA	321309	5808192	10697542					2.20	0.0	0.0	0.00	1					0	
15	LONGMORE	ST	ST KILDA	321301	5808155	10697761					2.20	0.0	0.0	0.00	1					0	
16	LONGMORE	ST	ST KILDA	321317	5808187	10697550					2.20	0.0	0.0	0.00	1					0	
17	LONGMORE	ST	ST KILDA	321310	5808150	10697788					2.20	0.0	0.0	0.00	1					0	
18	LONGMORE	ST	ST KILDA	321325	5808182	10697569					2.20	0.0	0.0	0.00	1					0	
19	LONGMORE	ST	ST KILDA	321316	5808145	10697796					2.20	0.0	0.0	0.00	1					0	
20	LONGMORE	ST	ST KILDA	321333	5808177	10697577					2.20	0.0	0.0	0.00	1					0	
21	LONGMORE	ST	ST KILDA	321322	5808142	10697809					2.20	0.0	0.0	0.00	1					0	
22	LONGMORE	ST	ST KILDA	321340	5808173	10697585					2.20	0.0	0.0	0.00	1					0	
23	LONGMORE	ST	ST KILDA	321328	5808139	10697817					2.20	0.0	0.0	0.00	1					0	
24	LONGMORE	ST	ST KILDA	321345	5808170	10697593					2.20	0.0	0.0	0.00	1					0	
25	LONGMORE	ST	ST KILDA	321334	5808134	10697825					2.20	0.0	0.0	0.00	1					0	
26	LONGMORE	ST	ST KILDA	321351	5808166	10697606					2.20	0.0	0.0	0.00	1					0	
27	LONGMORE	ST	ST KILDA	321342	5808129	10697833					2.20	0.0	0.0	0.00	1					0	
28	LONGMORE	ST	ST KILDA	321356	5808163	10697614					2.20	0.0	0.0	0.00	1					0	
29	LONGMORE	ST	ST KILDA	321352	5808123	10697841					2.20	0.0	0.0	0.00	1					0	
30	LONGMORE	ST	ST KILDA	321362	5808160	10697622					2.20	0.0	0.0	0.00	1					0	

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
31	LONGMORE	ST	ST KILDA	321361	5808117	10697868					2.20	0.0	0.0	0.00	1					0	
32	LONGMORE	ST	ST KILDA	321368	5808156	10697630					2.20	0.0	0.0	0.00	1					0	
33	LONGMORE	ST	ST KILDA	321370	5808112	10697876					2.20	0.0	0.0	0.00	1					0	
34	LONGMORE	ST	ST KILDA	321379	5808149	10697649					2.20	0.0	0.0	0.00	1					0	
35	LONGMORE	ST	ST KILDA	321379	5808107	10697884					2.20	0.0	0.0	0.00	1					0	
36	LONGMORE	ST	ST KILDA	321393	5808140	10697657					2.20	0.0	0.0	0.00	1					0	
37	LONGMORE	ST	ST KILDA	321387	5808102	10697892					2.20	0.0	0.0	0.00	1					0	
38	LONGMORE	ST	ST KILDA	321403	5808134	10697665					2.20	0.0	0.0	0.00	1					0	
39	LONGMORE	ST	ST KILDA	321395	5808096	10697905					2.20	0.0	0.0	0.00	1					0	
40	LONGMORE	ST	ST KILDA	321414	5808127	10697673					2.20	0.0	0.0	0.00	1					0	
41	LONGMORE	ST	ST KILDA	321405	5808090	10697913					2.20	0.0	0.0	0.00	1					0	
25	PARK	ST	ST KILDA	321536	5807665	10691618		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
27	PARK	ST	ST KILDA	321529	5807673	10691626		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
29	PARK	ST	ST KILDA	321523	5807681	10691634		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
31	PARK	ST	ST KILDA	321513	5807693	10691642		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
33	PARK	ST	ST KILDA	321501	5807708	10691650		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
34	PARK	ST	ST KILDA	321590	5807670	10693314		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
35	PARK	ST	ST KILDA	321493	5807718	10691669		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
36	PARK	ST	ST KILDA	321586	5807678	10693410		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
37	PARK	ST	ST KILDA	321489	5807722	10691677		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
38	PARK	ST	ST KILDA	321581	5807683	10693429		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
39	PARK	ST	ST KILDA	321486	5807726	10691685		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
41	PARK	ST	ST KILDA	321476	5807741	10691693		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
42	PARK	ST	ST KILDA	321571	5807695	10693437		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					0	
43	PARK	ST	ST KILDA	321460	5807760	10691706		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
45	PARK	ST	ST KILDA	321452	5807771	10691933		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
46	PARK	ST	ST KILDA	321560	5807708	10693445		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
47	PARK	ST	ST KILDA	321448	5807775	10691941		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
49	PARK	ST	ST KILDA	321445	5807780	10691968		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
51	PARK	ST	ST KILDA	321441	5807784	10691976		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
52	PARK	ST	ST KILDA	321548	5807724	10693656		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
53	PARK	ST	ST KILDA	321438	5807789	10691984		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
54	PARK	ST	ST KILDA	321541	5807733	10693699		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
55	PARK	ST	ST KILDA	321434	5807793	10691992		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
56	PARK	ST	ST KILDA	321534	5807743	10693701		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
57	PARK	ST	ST KILDA	321430	5807798	10692004		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
58	PARK	ST	ST KILDA	321526	5807752	10693728		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
59	PARK	ST	ST KILDA	321424	5807806	10692012		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
60	PARK	ST	ST KILDA	321519	5807762	10693736		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
61	PARK	ST	ST KILDA	321417	5807816	10692020		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
62	PARK	ST	ST KILDA	321510	5807773	10693744		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
62	PARK	ST	ST KILDA	321513	5807768	10693752		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
63	PARK	ST	ST KILDA	321409	5807826	10692039		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
64	PARK	ST	ST KILDA	321504	5807780	10693760		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
65	PARK	ST	ST KILDA	321392	5807847	10692047		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
66	PARK	ST	ST KILDA	321496	5807790	10693779		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
68	PARK	ST	ST KILDA	321486	5807803	10693787		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
69	PARK	ST	ST KILDA	321371	5807860	22644202		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
71	PARK	ST	ST KILDA	321304	5807901	10692274		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
72	PARK	ST	ST KILDA	321475	5807818	10693963		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					0	
73	PARK	ST	ST KILDA	321293	5807908	10692282		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					0	
74	PARK	ST	ST KILDA	321467	5807828	10693971		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					0	
75	PARK	ST	ST KILDA	321278	5807917	10692290		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					0	
76	PARK	ST	ST KILDA	321460	5807837	10693998		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					0	
77	PARK	ST	ST KILDA	321261	5807928	10692303		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					0	
78	PARK	ST	ST KILDA	321453	5807846	10694018		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
80	PARK	ST	ST KILDA	321442	5807859	10694026		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
82	PARK	ST	ST KILDA	321338	5807922	10694034		2.20	2.10	2.05	1.80	0.4	0.0	0.00	1					1	
19	PUNT	RD	PRAHRAN	322453	5808217	1705870		9.33	9.32	9.27	9.80	0.0	1.7	0.00	1	9.518	0.19	0.20	0.25	1	
60	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.60	0.2	1.1	0.21	1	9.878	0.08	0.18	0.28	1	
66	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.518	-0.28	-0.18	-0.08	4	
68	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.505	-0.30	-0.19	-0.09	4	
70	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.512	-0.29	-0.19	-0.09	4	
72	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.513	-0.29	-0.19	-0.09	4	
76	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.59	-0.21	-0.11	-0.01	4	
80	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.45	-0.35	-0.25	-0.15	4	
82	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.455	-0.35	-0.24	-0.15	4	
84	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.452	-0.35	-0.25	-0.15	4	bottom units
86	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.56	-0.24	-0.14	-0.04	4	
88	PUNT	RD	PRAHRAN					9.80	9.70	9.60	9.40	0.4	1.1	0.43	2	9.53	-0.27	-0.17	-0.07	4	
69	QUEENS	RD	MELBOURNE	322057	5808611	1938171		4.90			4.80	0.1	0.2	0.02	1					1	
70	QUEENS	RD	PRAHRAN			1938172		4.90			4.50	0.4	0.2	0.08	1	5.316	0.42			1	
71	QUEENS	RD	MELBOURNE			1706015		4.50	4.46	4.36	4.20	0.3	0.0	0.00	1	4.271	-0.23	-0.19	-0.09	4	

Melbourne Water Catchment: Port Phillip
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Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
72	QUEENS	RD	MELBOURNE	322085	5808523	1938173		4.40	4.28	4.04	4.20	0.2	0.0	0.00	1					1	
73	QUEENS	RD	MELBOURNE	322093	5808494	1938174		4.40	4.28	4.04	3.60	0.8	0.0	0.00	1	3.393	-1.01	-0.89	-0.65	4	
74	QUEENS	RD	MELBOURNE	322103	5808461	1706046		4.40	4.28	4.04	3.60	0.8	0.0	0.00	1					1	
75	QUEENS	RD	MELBOURNE	322113	5808432	1938175		4.40	4.28	4.04	3.60	0.8	0.0	0.00	1					1	
77	QUEENS	RD	MELBOURNE	322121	5808407	1938176		4.43	4.35	4.21	3.60	0.8	0.0	0.00	1	4.346	-0.08	0.00	0.14	3	
78	QUEENS	RD	MELBOURNE	322130	5808377	1938177		4.43	4.35	4.21	3.60	0.8	0.0	0.00	1					1	
80	QUEENS	RD	MELBOURNE	322138	5808353	1938178		4.46	4.41	4.36	3.80	0.7	0.0	0.00	1	4.803	0.34	0.39	0.44	1	
81	QUEENS	RD	MELBOURNE	322159	5808299	1938179		n/a												1	
82	QUEENS	RD	MELBOURNE	322180	5808266	1706243		n/a												0	
83	QUEENS	RD	MELBOURNE	322214	5808233	1706244		n/a												0	
1	RALEIGH	PL	PRAHRAN	322465	5808446	1706375		n/a													
2	RALEIGH	PL	PRAHRAN	322454	5808447	1706400		n/a													
3	RALEIGH	PL	PRAHRAN	322443	5808449	1706401		n/a													
7	RALEIGH	ST	PRAHRAN	322385	5808535	1706402		n/a								8.269					
9	RALEIGH	ST	PRAHRAN	322390	5808534	1706403		n/a								8.269					
11	RALEIGH	ST	PRAHRAN	322399	5808533	1938190		n/a													
13	RALEIGH	ST	PRAHRAN	322411	5808532	1706433		n/a													
	RALEIGH	ST	PRAHRAN					n/a								8.073					Midway Punt Rd- St Kilda Rd
	RALEIGH	ST	PRAHRAN					n/a								8.534					Midway Punt Rd- St Kilda Rd
	RALEIGH	ST	PRAHRAN					n/a								7.148					Car Park,2nd block E of St Kilda
351	RICHARDSON	ST	ALBERT PARK	321182	5808290	10626023		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1						
353	RICHARDSON	ST	ALBERT PARK	321189	5808283	10626031		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1						
582	STKILDA	RD	MELBOURNE	322146	5808817	1943363		n/a													
584	STKILDA	RD	MELBOURNE	322154	5808786	1642340		n/a													
594	STKILDA	RD	MELBOURNE	322164	5808758	1642341		n/a													
596	STKILDA	RD	MELBOURNE	322171	5808737	1943364		n/a													
598	STKILDA	RD	MELBOURNE	322178	5808714	1642362		n/a													
600	STKILDA	RD	MELBOURNE													6.504	6.50			1	
601	STKILDA	RD	MELBOURNE	322281	5808650	1709120										8.479	8.48			1	
602	STKILDA	RD	MELBOURNE	322205	5808626	1709123		n/a													
603	STKILDA	RD	MELBOURNE	322282	5808637	1709124		n/a													
604	STKILDA	RD	MELBOURNE	322215	5808597	1709125		6.50	6.30	6.25	6.40	0.1	1.4	0.14	1	6.671	0.17	0.37	0.42	1	
606	STKILDA	RD	MELBOURNE	322224	5808567	1709126		6.50	6.30	6.25										1	
607	STKILDA	RD	MELBOURNE					n/a								7.237				1	
608	STKILDA	RD	MELBOURNE	322233	5808537	1938397		6.50	6.30	6.25	6.20	0.3	1.3	0.39	1	6.126	-0.37	-0.17	-0.12	4	
610	STKILDA	RD	MELBOURNE	322242	5808510	1709168		6.50	6.30	6.25	6.00	0.5	1.3	0.65	2	5.114	-1.39	-1.19	-1.14	4	
612	STKILDA	RD	MELBOURNE			1709171		6.50	6.30	6.25	6.00	0.5	1.3	0.65	2	4.476	-2.02	-1.82	-1.77	4	
613	STKILDA	RD	MELBOURNE	322310	5808547	1709173		6.50								8.201	1.70			1	
615	STKILDA	RD	MELBOURNE					n/a								7.033					
615	STKILDA	RD	MELBOURNE					n/a								7.098					
616	STKILDA	RD	MELBOURNE	322262	5808445	1709176		6.50	6.30	6.25	5.80	0.7	0.0	0.00	1						
618	STKILDA	RD	MELBOURNE	322267	5808426	1938398		6.50	6.30	6.25	5.80	0.7	1.3	0.91	3	6.536	0.04	0.24	0.29	1	
619	STKILDA	RD	MELBOURNE	322355	5808405	1709202		7.10								7.7	0.60			1	
620	STKILDA	RD	MELBOURNE	322275	5808404	10700422		6.50	6.30	6.25	6.20	0.3	1.3	0.39	1					1	
621	STKILDA	RD	MELBOURNE	322373	5808346	1709244		7.40												1	
622	STKILDA	RD	MELBOURNE			26509		6.50	6.30	6.25	6.20	0.3	1.3	0.39	1	6.446	-0.05	0.15	0.20	2	
623	STKILDA	RD	MELBOURNE	322375	5808340	1709291		7.40			7.40	0.0	0.0	0.00	1					1	
625	STKILDA	RD	MELBOURNE	322377	5808333	1709292		7.40			7.40	0.0	0.0	0.00	1					1	
627	STKILDA	RD	MELBOURNE	322380	5808323	1709293		7.40			7.40	0.0	0.0	0.00	1					1	
628	STKILDA	RD	MELBOURNE	322300	5808324	1938401		6.50	6.30	6.25	6.40	0.1	0.0	0.00	1						
629	STKILDA	RD	MELBOURNE	322387	5808303	1709319		n/a													
630	STKILDA	RD	MELBOURNE	322310	5808294	1709320		n/a													
632	STKILDA	RD	MELBOURNE	322318	5808266	1709321		n/a													
634	STKILDA	RD	MELBOURNE	322328	5808236	1709322		n/a													
635	STKILDA	RD	MELBOURNE	322399	5808268	1709323		7.78			7.80	0.0	0.0	0.00	1	8.742	0.96			1	
636	STKILDA	RD	MELBOURNE	322340	5808184	1709324		n/a													
639	STKILDA	RD	MELBOURNE	322402	5808253	1938402		n/a													
641	STKILDA	RD	MELBOURNE	322405	5808244	1709330		n/a													
643	STKILDA	RD	MELBOURNE	322407	5808238	1709331		n/a													
645	STKILDA	RD	MELBOURNE	322408	5808232	1709332		n/a													
647	STKILDA	RD	MELBOURNE	322410	5808226	1709333		n/a													
649	STKILDA	RD	MELBOURNE	322414	5808220	1709334		n/a													
1	UNION	ST	PRAHRAN					n/a								5.128					
2	UNION	ST	PRAHRAN	322427	5808435	1938470		10.12	10.08	10.04	9.60	0.5	1.3	0.69	2	10.178	0.06	0.10	0.14	1	
3	UNION	ST	MELBOURNE	322197	5808360	1938471		10.14	10.10	10.06	9.60	0.5	1.3	0.70	2	5.246	-4.89	-4.85	-4.81	4	
4	UNION	ST	PRAHRAN					10.17	10.13	10.09	9.60	0.6	1.4	0.79	2	10.278	0.11	0.15	0.19	1	
5	UNION	ST	PRAHRAN					10.10	10.06	10.02	9.60	0.5	1.3	0.65	2	10.208	0.11	0.15	0.19	1	
6	UNION	ST	PRAHRAN					10.22	10.18	10.14	9.60	0.6	1.4	0.89	3	10.278	0.06	0.10	0.14	1	
7	UNION	ST	PRAHRAN					10.16	10.12	10.08	9.60	0.6	1.4	0.77	2	10.208	0.05	0.09	0.13	1	
8	UNION	ST	PRAHRAN					10.26	10.22	10.18	9.60	0.7	1.5	0.98	3	10.383	0.12	0.16	0.20	1	
9	UNION	ST	PRAHRAN					10.22	10.18	10.14	9.60	0.6	1.4	0.89	3	10.228	0.01	0.05	0.09	1	
10	UNION	ST	PRAHRAN					10.30	10.26	10.22	9.80	0.5	1.5	0.76	2	10.369	0.07	0.11	0.15	1	
11	UNION	ST	PRAHRAN					10.28	10.24	10.20	9.80	0.5	1.5	0.72	2	10.255	-0.02	0.02	0.06	2	

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12	UNION	ST	PRAHRAN					10.34	10.30	10.26	9.80	0.5	1.6	0.85	3	10.541	0.20	0.24	0.28	1	
13	UNION	ST	PRAHRAN					10.33	10.29	10.25	9.80	0.5	1.6	0.83	3	10.519	0.19	0.23	0.27	1	
15	UNION	ST	PRAHRAN					10.38	10.34	10.30	10.00	0.4	1.6	0.61	2	10.519	0.14	0.18	0.22	1	
16	UNION	ST	PRAHRAN					10.40	10.36	10.32	10.00	0.4	1.6	0.65	2	10.486	0.09	0.13	0.17	1	
17	UNION	ST	PRAHRAN					10.42	10.38	10.34	10.00	0.4	1.7	0.70	2	10.568	0.15	0.19	0.23	1	
18	UNION	ST	PRAHRAN					10.45	10.41	10.37	10.00	0.4	1.7	0.76	2	10.486	0.04	0.08	0.12	1	
19	UNION	ST	PRAHRAN					10.47	10.43	10.39	10.00	0.5	1.7	0.81	3	10.568	0.10	0.14	0.18	1	
20	UNION	ST	PRAHRAN					10.52	10.48	10.44	10.00	0.5	1.8	0.92	3					1	
21	UNION	ST	PRAHRAN					10.54	10.50	10.46	10.20	0.3	1.8	0.61	2	10.728	0.19	0.23	0.27	1	
22	UNION	ST	PRAHRAN					10.58	10.54	10.50	10.20	0.4	1.8	0.70	2					1	
23	UNION	ST	PRAHRAN					10.59	10.55	10.51	10.20	0.4	1.8	0.72	2					1	
24	UNION	ST	PRAHRAN					10.65	10.61	10.57	10.20	0.5	1.9	0.86	3					1	
25	UNION	ST	PRAHRAN					10.64	10.60	10.56	10.20	0.4	1.9	0.84	3	10.868	0.23	0.27	0.31	1	
26	UNION	ST	PRAHRAN					10.74	10.70	10.66	10.20	0.5	1.7	0.94	3	11.048	0.31	0.35	0.39	1	
27	UNION	ST	PRAHRAN					10.72	10.68	10.64	10.20	0.5	1.7	0.91	3	10.868	0.15	0.19	0.23	1	
28	UNION	ST	PRAHRAN					10.82	10.78	10.74	10.40	0.4	1.7	0.72	2	10.913	0.09	0.13	0.17	1	
29	UNION	ST	PRAHRAN					10.82	10.78	10.74	10.40	0.4	1.7	0.72	2	10.928	0.11	0.15	0.19	1	
30	UNION	ST	PRAHRAN					10.90	10.86	10.82	10.50	0.4	1.7	0.68	2	11.061	0.16	0.20	0.24	1	
32	UNION	ST	PRAHRAN					10.95	10.91	10.87	10.50	0.4	1.7	0.76	2	11.061	0.11	0.15	0.19	1	
33	UNION	ST	PRAHRAN					10.98	10.94	10.90	10.60	0.4	1.7	0.64	2	10.988	0.01	0.05	0.09	1	
34	UNION	ST	PRAHRAN					11.03	10.99	10.95	10.60	0.4	1.7	0.72	2	11.042	0.01	0.05	0.09	1	
35	UNION	ST	PRAHRAN					11.04	11.00	10.96	10.60	0.4	1.7	0.74	2	10.988	-0.05	-0.01	0.03	3	
36	UNION	ST	PRAHRAN					11.03	10.99	10.95	10.60	0.4	1.7	0.73	2					1	
37	UNION	ST	PRAHRAN					11.09	11.05	11.01	10.70	0.4	1.7	0.65	2	11.258	0.17	0.21	0.25	1	
38	UNION	ST	PRAHRAN					11.12	11.08	11.04	10.60	0.5	1.7	0.88	3					1	
39	UNION	ST	PRAHRAN					11.15	11.11	11.07	10.80	0.4	1.7	0.58	2	11.258	0.11	0.15	0.19	1	
40	UNION	ST	PRAHRAN					11.18	11.14	11.10	11.80	0.0	1.7	0.00	1	12.258	1.08	1.12	1.16	1	
41	UNION	ST	PRAHRAN					11.22	11.18	11.14	10.80	0.4	1.6	0.69	2	11.231	0.01	0.05	0.09	1	
42	UNION	ST	PRAHRAN					11.30	11.26	11.22	11.00	0.3	1.6	0.49	2	11.182	-0.12	-0.08	-0.04	4	
43	UNION	ST	PRAHRAN					11.30	11.26	11.22	10.80	0.5	1.6	0.81	3	11.231	-0.07	-0.03	0.01	3	
44	UNION	ST	PRAHRAN					11.30	11.26	11.22	11.00	0.3	1.6	0.49	2	11.182	-0.12	-0.08	-0.04	4	
48	UNION	ST	PRAHRAN					11.33	11.29	11.25	11.00	0.3	1.6	0.53	2	11.469	0.14	0.18	0.22	1	
50	UNION	ST	PRAHRAN					11.39	11.35	11.31	11.00	0.4	1.6	0.63	2	11.553	0.16	0.20	0.24	1	
51	UNION	ST	PRAHRAN					n/a								11.983				1	
52	UNION	ST	PRAHRAN					11.45	11.41	11.37	11.20	0.3	1.6	0.40	1	11.638	0.19	0.23	0.27	1	
54	UNION	ST	PRAHRAN					11.49	11.45	11.41	11.20	0.3	1.6	0.46	2	11.638	0.15	0.19	0.23	1	
1/55	UNION	ST	PRAHRAN					n/a								12.47				1	
10/55	UNION	ST	PRAHRAN					n/a								12.887				1	
20/55	UNION	ST	PRAHRAN					n/a								12.901				1	
21/55	UNION	ST	PRAHRAN					n/a								12.911				1	
56	UNION	ST	PRAHRAN					11.55	11.51	11.47	11.20	0.4	1.6	0.55	2	11.683	0.13	0.17	0.21	1	
58	UNION	ST	PRAHRAN					11.62	11.58	11.54	11.20	0.4	1.6	0.66	2	11.767	0.15	0.19	0.23	1	
60	UNION	ST	PRAHRAN					11.65	11.61	11.57	11.20	0.5	1.6	0.70	2	11.767	0.12	0.16	0.20	1	
62	UNION	ST	PRAHRAN					11.73	11.69	11.65	11.40	0.3	1.5	0.51	2	11.729	0.00	0.04	0.08	2	
64	UNION	ST	PRAHRAN					11.81	11.77	11.73	11.60	0.2	1.5	0.32	1	12.102	0.29	0.33	0.37	1	
66	UNION	ST	PRAHRAN					11.88	11.84	11.80	11.60	0.3	1.5	0.42	2	11.974	0.09	0.13	0.17	1	
68	UNION	ST	PRAHRAN					11.94	11.90	11.86	11.80	0.1	1.5	0.21	1	12.055	0.12	0.15	0.20	1	
70	UNION	ST	PRAHRAN					12.03	11.99	11.95	11.80	0.2	1.5	0.34	1	12.353	0.32	0.36	0.40	1	
74	UNION	ST	PRAHRAN					12.17	12.13	12.09	11.90	0.3	1.5	0.40	1	12.728	0.56	0.60	0.64	1	
76	UNION	ST	PRAHRAN					12.27	12.23	12.19	12.00	0.3	1.5	0.39	1	12.728	0.46	0.50	0.54	1	
78	UNION	ST	PRAHRAN					12.41	12.37	12.33	12.20	0.2	1.4	0.30	1	12.869	0.46	0.50	0.54	1	
80	UNION	ST	PRAHRAN					12.57	12.53	12.49	12.30	0.3	1.4	0.39	1	12.812	0.24	0.28	0.32	1	
82	UNION	ST	PRAHRAN					12.67	12.63	12.59	12.40	0.3	1.4	0.38	1	12.742	0.07	0.11	0.15	1	
84	UNION	ST	PRAHRAN					12.78	12.69	12.61	12.50	0.3	1.4	0.40	1	12.694	-0.09	0.00	0.08	2	
86	UNION	ST	PRAHRAN					12.91	12.79	12.70	12.60	0.3	1.4	0.43	2	12.961	0.05	0.17	0.26	1	
88	UNION	ST	PRAHRAN					12.98	12.89	12.80	12.70	0.3	1.4	0.39	1	12.971	-0.01	0.08	0.17	2	
90	UNION	ST	PRAHRAN					13.08	12.99	12.90	12.80	0.3	1.4	0.39	1	12.908	-0.17	-0.08	0.01	3	
w punt	UNION	ST	PRAHRAN					8.50	8.46	8.42	8.20	0.3	1.8	0.54	2	8.455	-0.04	-0.01	0.04	3	
w punt	UNION	ST	PRAHRAN					9.00	8.96	8.92	8.70	0.3	1.8	0.53	2	8.705	-0.30	-0.26	-0.22	4	
w punt	UNION	ST	PRAHRAN					9.20	9.16	9.12	8.90	0.3	1.7	0.52	2	9.651	0.45	0.49	0.53	1	
w punt	UNION	ST	PRAHRAN					n/a								11.628					
1	YORK	ST	ST KILDA	321517	5807909	10696494		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
2	YORK	ST	ST KILDA	321560	5807937	10695803		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
3	YORK	ST	ST KILDA	321502	5807918	10696507		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
4	YORK	ST	ST KILDA	321551	5807943	10695811		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
5	YORK	ST	ST KILDA	321494	5807923	10696515		2.20	2.10	2.05	2.00	0.2	0.0	0.00	1					1	
6	YORK	ST	ST KILDA	321540	5807950	10695838		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
7	YORK	ST	ST KILDA	321486	5807929	10696523		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
8	YORK	ST	ST KILDA	321527	5807958	10695846		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
9	YORK	ST	ST KILDA	321476	5807935	10696531		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
10	YORK	ST	ST KILDA	321513	5807966	10695854		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
11	YORK	ST	ST KILDA	321467	5807940	10696558		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	
12	YORK	ST	ST KILDA	321497	5807976	10695862		2.20	2.10	2.05	2.10	0.1	0.0	0.00	1					1	

Melbourne Water Catchment: Port Phillip
Main Drain Name: Cowderoy/Union Street
Municipality: Port Phillip

Street No.	Street Name		Suburb	Easting	Northing	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
13	YORK	ST	ST KILDA	321457	5807947	10696566		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
14	YORK	ST	ST KILDA	321482	5807986	10696056		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
15	YORK	ST	ST KILDA	321448	5807952	10696574		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
17	YORK	ST	ST KILDA	321440	5807958	10696582		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
19	YORK	ST	ST KILDA	321431	5807963	10696590		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
20	YORK	ST	ST KILDA	321408	5808032	10696064		2.20	2.10	2.05	2.20	0.0	0.0	0.00	1					1	
21	YORK	ST	ST KILDA	321392	5807988	10696603		2.00	2.10	2.05	2.20	0.0	0.0	0.00	1					0	

ORIGINAL

DELIVERY NOTE

22

DATE 24/3/97

TO STEVE YOUNG

GHD.

FROM GEOMATIC SERVICES PTY. LTD
A.C.N. 062 650 239

RE: PORT PHILIP FLOOD MAPPING.

- SHAKE. XLS
- ADDITONAL FLOOR LEVEL NOT IN D.BASE.

GHD - MELB
RECEIVED
24 MAR
NAME INIT DATE
FILE

CALCULATIONS

Gutteridge Haskins & Davey Pty Ltd Consulting Engineers Planners Surveyors
A.C.N. 008 488 373

Client: MELBOURNE WATER

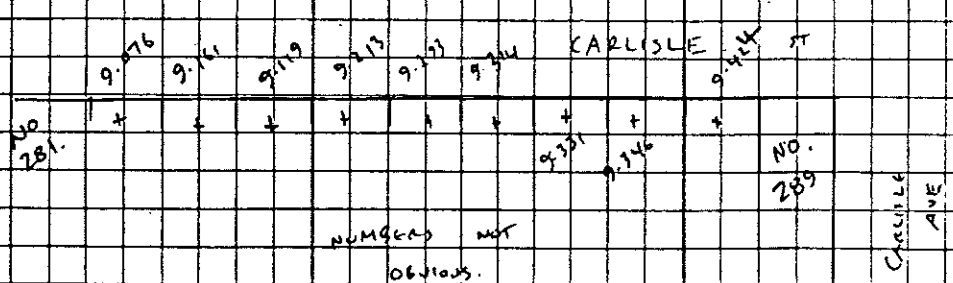
Project: SHAKESPEARE GROVE FLOOD MAPPING

Page 1 of

Job No. 8100/98/00 Calc. by GEOMATIC SERVICES Checked by

Date 24/3/97

N. 112 ACLAND 3.595 IN D.BASE	
NOT IN D.BASE 2/112 ACLAND	3.656
3/112 "	3.727
4/112 "	3.827
NOT IN D.BASE 78 A ACLAND	3.298
80 "	3.274
(8.0 A IS IN D.B)!	
1 DUKE	4.644
NOTE: PARCEL 94 PAKINGTON VIDE PLAN (F.L. 5.549) IS ACTUALLY NO 92.	
NOT IN D.B. NO 63 PAKINGTON	5.295
320 CARLISLE 8.124 IN D.BASE (THREE OTHER SHOPS @ 320 CARLISLE	8.211
	8.213
	8.233
NOT IN D.BASE 324 CARLISLE (324 A IS IN D.B)	8.511



IN D.BASE, REAL UNIT OF 93 HOTHAM IS ENTERED AS IT IS LOWER (13.013) FRONT UNIT	13.953

Gutteridge Haskins & Davey Pty Ltd
CONSULTING ENGINEERS • ENVIRONMENTAL SCIENTISTS & PLANNERS • PROJECT MANAGERS
A.C.N. 008 488 373

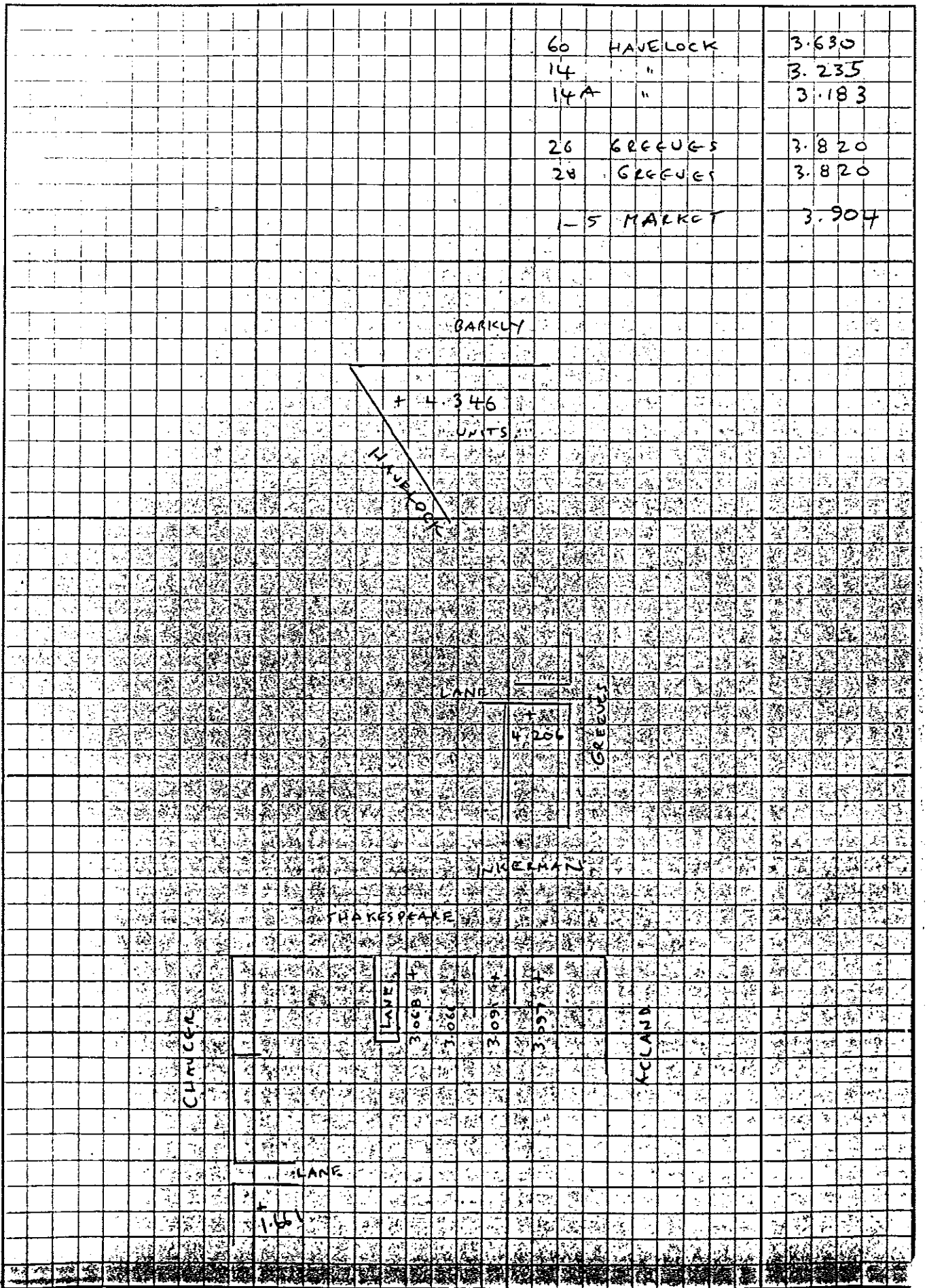
Calculations

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Client/Project MELBOURNE WATER – SHAKESPEARE GROVE Job No. 8100/98/00

Calc. by SY Date 24/3/97 Checked by . Page 2 of

60	HAVELOCK	3.630
14	"	3.235
14A	"	3.183
26	GREEVES	3.820
28	GREEVES	3.820
1–5	MARKET	3.904



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Calculations

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Client/Project Melbourne Water - Shakespeare Grove Job No. 810D/98

Calc. by [illegible] Date 24/3/97 Checked by _____ Page 3 of _____

Level for 296 Carlisle placed w D.B as 296A (no 296)

260	CARLISLE	6.176
262	"	6.281
268	"	6.382
232	"	5.941
226	"	6.002
169	"	6.411
198	"	5.547
120	"	5.194
132	"	5.139
132	"	5.125
156	"	5.394
156A	"	5.414
156B	"	5.351
12	BELFORD.	3.064
14	"	3.154
16	"	3.253
4/17	CARLISLE ST	3.672
5/17	"	3.589
6/17	"	3.559
7/17	"	3.459

IN P.BAGG FOR 43 SPENCER, IT IS ACTUALLY UNIT 1/43.

UNIT 1/47	SPENCER	2.382
5-7	SPENCER	2.392
11	SPENCER	2.269
10	VALE	3.657

NO ACCESS TO NO 23 VALE & UNITS 1 & 2/1 BLANCHE

118	BARKLY	4.708

LEVELS 22, 35 & 44 HAVELOCK ARE APPROX (NO ACCESS)

NO ACCESS TO 8 HAVELOCK

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Client/Project MELBOURNE WATER - SHAKESPEARE GROVE Job No. 8100/98/00

Calc. by Date 24/3/97 Checked by Page 4 of

No 8 +8.528

No 7 +8.499

No 6 +8.479

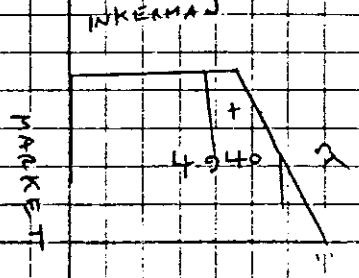
No 5 +8.455

No 320

WEST BWD

CARLISLE

144	CHAPEL ST	5.431
74	CHAPEL ST	5.860
333	ST KILDA RD.	4.328
512	BLANCHE	4.198
48-50	"	4.210
UNITS 1, 2, 32 GREEVES		4.240
53 VALE (4.80) IS APPROX. (NO ACCESS)		
227	CARLISLE	17.435
19A	"	3.855



UNIT 1, 2 MARNE	23 406
UNIT 2, " "	23 411
UNIT 3, " "	23.056

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Client/Project MELBOURNE WATER - SHAKESPEARE GROVE Job No. 800/98

Calc. by [illegible] Date Checked by Page 5 of

BLENHEIM

7.903

CARLISLE

LANE

MCLAND

ALBERT

3.360

BOWLING CLUB IN SPENSER ST		2.511
OPP. NO 1. SPENSER		
CLUB ROOM IN NELSON GARDEN OPP. NO. 29 SPENSER		2.209

INKERMAN

1.353	12.56	12.793

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Calculations

Client/Project MELBOURNE WATER - SHAKESPEARE GROVE Job No. 8100/98/00

Calc. by GEOMATICS Date 24/3/97 Checked by _____ Page 6 of _____

NOT IN D.B. 379 INKERMAN 14.288

MAP BASE SAMS No 166

6.492 (NO NUMBER)

6.670 (NO. 174)

5.35

CHAPEL

INKERMAN

6.538

193 – 195 INKERMAN ST

UNIT	1	6.465
	2	6.455
	7	6.488
	8	6.495

INKERMAN 5.638 5.698

NO 306

ST KILDA RD.

LANE

111

318	ST. KILDA RD	5.296
320	"	5.286
270	INKERMAN	13.287
375	"	12.902
240	"	12.288

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Calculations

Client/Project MELBOURNE WATER - SHAKESPEARE GROVE Job No. 8100/98

Calc. by GEOMATIC Date 24/3/97 Checked by _____ Page 7 of _____

93 WESTWAY

UNIT 1		10.527
UNIT 2		10 549
GROUND FLOOR UNITS, 325	INKERMAN	11.172

IN P.B, LEVEL FOR 309 INKERMAN IS ACTUALLY UNIT 4/309.

NO 287A	INKERMAN	8.814
251	INKERMAN	7.488
255	"	7.629
296	"	16.602

HOTHAM

15.865 22nd A.

INKERMAN

497	INKERMAN	20.471
499	"	20.658
503	"	21.442
513	"	22.067
29	SIDWELL	20926
517	INKERMAN	22.987
515	"	22.617
11	WENDEN GV	25.401
10	MONTAGUE	25.530

97 WESTWAY (10.4)

(1) APPROX. NO ACCESS.

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Calculations

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Client/Project MELBOURNE WATER - SHAKESPEARE GROVE Job No. B100/98/00

Calc. by GEOMATIC Date 24/3/97 Checked by _____ Page 8 of _____

FLOODING VIDE PEOPLE.

- No 46 VALE ST (FLOOR 4.286)
  OWNER SAYS WATER WAS
  N. 4m DEEP IN HOUSE
  8 YRS AGO
- No 38 VALE ST FLOODED
- NOS 10 & 12 NIGHTINGALE
  FLOODED
  AS DID OTHERS
  DOWNSTREAM.
- MANY HOUSES IN BLANCHE
  & WOODSTOCK FLOODED.

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
58	ACLAND	ST	ST KILDA	1685393	322044	5806875															
62	ACLAND	ST	ST KILDA	1685397	322050	5806869															
64	ACLAND	ST	ST KILDA	1685398	322050	5806867															
64	ACLAND	ST	ST KILDA	1685399	322046	5806865															
66	ACLAND	ST	ST KILDA	1685401	322054	5806862															
68	ACLAND	ST	ST KILDA	1685402	322057	5806858															
70	ACLAND	ST	ST KILDA	1685403	322060	5806853															
71	ACLAND	ST	ST KILDA	1685405	322080	5806775		3.50	3.40	3.30	3.2	0.3	1.80	0.54	2	3.358	[illegible]	-0.04	0.06	3	
72	ACLAND	ST	ST KILDA	1685407	322071	5806846		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1						
72	ACLAND	ST	ST KILDA	1685406	322064	5806849		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1					1	
73	ACLAND	ST	ST KILDA	1685408	322100	5806750		3.50	3.40	3.30	3.2	0.3	1.80	0.54	2					1	
74	ACLAND	ST	ST KILDA	1685409	322081	5806821		3.70	3.60	3.40	3.6	0.1	0.00	0.00	1	3.459	[illegible]	-0.14	0.06	3	
75	ACLAND	ST	ST KILDA	1685410	322101	5806748		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.227	[illegible]	-0.17	-0.07	4	
76	ACLAND	ST	ST KILDA	1685411	322086	5806817		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.499	[illegible]	-0.10	0.10	3	
77	ACLAND	ST	ST KILDA	1685413	322104	5806745		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1					1	
78	ACLAND	ST	ST KILDA	1685414	322096	5806811		3.70	3.60	3.40	3.2	0.5	0.00	0.00	1	3.298	[illegible]	-0.30	-0.10	4	
78	ACLAND	ST	ST KILDA	1936851	322090	5806813		3.70	3.60	3.40	3.2	0.5	0.00	0.00	1	3.424	[illegible]	-0.18	0.02	3	
80	ACLAND	ST	ST KILDA	1685417	322099	5806807		3.70	3.60	3.40	3.2	0.5	0.00	0.00	1	3.274	[illegible]	-0.33	-0.13	4	Actually 80A Acland?
81	ACLAND	ST	ST KILDA	1685418	322104	5806739		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.416	[illegible]	0.02	0.12	2	
82	ACLAND	ST	ST KILDA	1936852	322104	5806800		3.70	3.60	3.40	3.2	0.5	1.80	0.90	3	3.236	[illegible]	-0.36	-0.16	4	
82	ACLAND	ST	ST KILDA	1685431	322102	5806804		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1						
83	ACLAND	ST	ST KILDA	1685432	322107	5806736		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.449	[illegible]	0.05	0.15	2	
84	ACLAND	ST	ST KILDA	1685433	322118	5806780		3.70	3.60	3.40	3.4	0.3	1.80	0.54	2	3.292	[illegible]	-0.31	-0.11	4	
85	ACLAND	ST	ST KILDA	1685434	322110	5806731		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1					1	
87	ACLAND	ST	ST KILDA	1685435	322113	5806727		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.404	[illegible]	0.00	0.10	2	Outside Calculated Plane
88	ACLAND	ST	ST KILDA	1685436	322121	5806777		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1						
88	ACLAND	ST	ST KILDA	1936853	322122	5806775		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1					1	
89	ACLAND	ST	ST KILDA	1685439	322116	5806723		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.41	[illegible]	0.01	0.11	2	Outside Calculated Plane
90	ACLAND	ST	ST KILDA	1685440	322125	5806773		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.192	[illegible]	-0.41	-0.21	4	
91	ACLAND	ST	ST KILDA	1685441	322122	5806720		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.476	[illegible]	0.08	0.18	2	
91	ACLAND	ST	ST KILDA	1685442	322121	5806721		3.50	3.40	3.30	3.2	0.5	0.00	0.00	1					1	
92	ACLAND	ST	ST KILDA	1685443	322129	5806766		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.4	[illegible]	-0.20	0.00	3	
92	ACLAND	ST	ST KILDA	1685444	322132	5806763		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.435	[illegible]	-0.17	0.04	3	
92	ACLAND	ST	ST KILDA	1685445	322135	5806759		3.70	3.60	3.40	3.4	0.1	0.00	0.00	1	3.435	[illegible]	-0.17	0.04	3	
92	ACLAND	ST	ST KILDA	1685446	322138	5806755		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.565	[illegible]	-0.04	0.17	3	
93	ACLAND	ST	ST KILDA	1685447	322123	5806719		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.459	[illegible]	0.06	0.16	2	
94	ACLAND	ST	ST KILDA	1685448	322142	5806751		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.472	[illegible]	-0.13	0.07	3	
94	ACLAND	ST	ST KILDA	1685449	322145	5806746		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.402	[illegible]	-0.20	0.00	3	"Flood" assumed from pondage
95	ACLAND	ST	ST KILDA	1685450	322126	5806711		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.738	0.24	0.34	0.44	1	
96	ACLAND	ST	ST KILDA	1685451	322149	5806732		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.479	[illegible]	-0.12	0.08	3	
97	ACLAND	ST	ST KILDA	1685452	322128	5806708		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.687	0.19	0.29	0.39	1	
98	ACLAND	ST	ST KILDA	1685453	322152	5806729		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.422	[illegible]	-0.18	0.02	3	"Flood" assumed from pondage
99	ACLAND	ST	ST KILDA	1685454	322131	5806704		3.50	3.40	3.30	3.2	0.3	0.00	0.00	1	3.733	0.23	0.33	0.43	1	
100	ACLAND	ST	ST KILDA	1685455	322155	5806725		3.70	3.60	3.40	3.4	0.3	0.00	0.00	1	3.529	[illegible]	-0.07	0.13	3	"Flood" assumed from pondage
101	ACLAND	ST	ST KILDA	1685456	322134	5806700		3.50	3.40	3.30	3.3	0.2	0.00	0.00	1	3.734	0.23	0.33	0.43	1	
102	ACLAND	ST	ST KILDA	1685457	322157	5806722		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1	3.507	[illegible]	-0.09	0.11	3	"Flood" assumed from pondage
103	ACLAND	ST	ST KILDA	1685458	322136	5806697		3.50	3.40	3.30	3.40	0.1	0.00	0.00	1	3.664	0.16	0.26	0.36	1	
104	ACLAND	ST	ST KILDA	1685459	322160	5806718		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1	3.514	[illegible]	-0.09	0.11	3	"Flood" assumed from pondage
106	ACLAND	ST	ST KILDA	1685461	322170	5806716		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1	3.514	[illegible]	-0.09	0.11	3	"Flood" assumed from pondage
107	ACLAND	ST	ST KILDA	1685462	322142	5806690		3.50	3.40	3.30	3.40	0.1	0.00	0.00	1	3.646	0.15	0.25	0.35	1	
108	ACLAND	ST	ST KILDA	1936854	322176	5806710		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1	3.454	[illegible]	-0.15	0.05	3	"Flood" assumed from pondage
108	ACLAND	ST	ST KILDA	1685465	322173	5806710		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1					1	
109	ACLAND	ST	ST KILDA	1685466	322145	5806686		3.50	3.40	3.30	3.40	0.1	0.00	0.00	1	3.671	0.17	0.27	0.37	1	
110	ACLAND	ST	ST KILDA	1685467	322179	5806701		3.70	3.60	3.40	3.60	0.1	0.00	0.00	1	3.496	[illegible]	-0.10	0.10	3	"Flood" assumed from pondage
111	ACLAND	ST	ST KILDA	1685468	322148	5806682		3.50	3.40	3.30	3.40	0.1	0.00	0.00	1	3.645	0.15	0.25	0.35	1	
112	ACLAND	ST	ST KILDA	1936855	322193	5806684		3.70	3.60	3.40	3.60	0.1	0.00	0.00	1	3.595	[illegible]	0.00	0.20	3	"Flood" assumed from pondage
112	ACLAND	ST	ST KILDA					3.70	3.60	3.40	3.60	0.1	0.00	0.00	1	3.656	[illegible]	0.06	0.26	2	2/112 (Assumed from Pondage)
112	ACLAND	ST	ST KILDA					3.70	3.60	3.40	3.60	0.1	0.00	0.00	1	3.727	[illegible]	0.13	0.33	1	3/112 (Assumed from Pondage)
112	ACLAND	ST	ST KILDA					3.70	3.60	3.40	3.60	0.1	0.00	0.00	1	3.827	[illegible]	0.23	0.43	1	4/112 (Assumed from Pondage)
113	ACLAND	ST	ST KILDA	1685476	322151	5806679		3.50	3.40	3.30	3.40	0.1	0.00	0.00	1	3.661	[illegible]	0.26	0.36	1	
114	ACLAND	ST	ST KILDA	1685477	322197	5806679		3.70	3.60	3.40	3.60	0.1	0.00	0.00	1					1	
115	ACLAND	ST	ST KILDA	1685478	322155	5806675		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1					1	
117	ACLAND	ST	ST KILDA	1685479	322160	5806670		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1	3.658	0.16	0.26	0.36	1	
118	ACLAND	ST	ST KILDA	1685480	322200	5806677		3.70	3.60	3.40	3.60	0.1	0.00	0.00	1					1	
122	ACLAND	ST	ST KILDA	1936856	322203	5806675		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1	3.988	0.25	0.39	0.59	1	Outside Calculated Plane
123	ACLAND	ST	ST KILDA	1685483	322165	5806665		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1	3.779	0.[illegible]	0.38	0.48	1	
125	ACLAND	ST	ST KILDA	1685484	322155	5806661		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1	3.743	0.24	0.34	0.44	1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	10^0 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]	(m)	(m)	Category	
126	ACLAND	ST	ST KILDA	1685486	322203	5806665		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1					1	
126	ACLAND	ST	ST KILDA	1685487	322205	5806662		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1					1	
127	ACLAND	ST	ST KILDA	1685488	322174	5806655		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1	3.769	0.27	0.37	0.47	1	
128	ACLAND	ST	ST KILDA	1685489	322208	5806659		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1					0	
130	ACLAND	ST	ST KILDA	1685490	322211	5806657		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1					0	
131	ACLAND	ST	ST KILDA	1685491	322177	5806652		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1	3.769	0.27	0.37	0.47	1	
132	ACLAND	ST	ST KILDA	1685492	322214	5806653		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1						
133	ACLAND	ST	ST KILDA	1685493	322181	5806645		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1						
134	ACLAND	ST	ST KILDA	44800	322219	5806651		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1						
136	ACLAND	ST	ST KILDA	44801	322221	5806648		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
137	ACLAND	ST	ST KILDA	1685496	322185	5806638		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1						
137	ACLAND	ST	ST KILDA	1685497	322179	5806635		3.50	3.40	3.30	3.60	0.0	0.00	0.00	1						
138	ACLAND	ST	ST KILDA	44802	322224	5806644		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
139	ACLAND	ST	ST KILDA	1685499	322188	5806632		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
140	ACLAND	ST	ST KILDA	44803	322227	5806641		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
140	ACLAND	ST	ST.KILDA	44808	322227	5806641		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
141	ACLAND	ST	ST KILDA	1685501	322191	5806627		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
142	ACLAND	ST	ST KILDA	44804	322230	5806637		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
142	ACLAND	ST	ST.KILDA	44809	322230	5806637		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
143	ACLAND	ST	ST KILDA	1685503	322192	5806624		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
144	ACLAND	ST	ST KILDA	44805	322233	5806634		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
144	ACLAND	ST	ST.KILDA	44810	322233	5806634		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
145	ACLAND	ST	ST KILDA	1685505	322195	5806619		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
145	ACLAND	ST	ST KILDA	1685506	322190	5806615		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
146	ACLAND	ST	ST KILDA	1685507	322236	5806630		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
146	ACLAND	ST	ST KILDA	1685508	322240	5806634		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
147	ACLAND	ST	ST KILDA	1936857	322196	5806616		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
148	ACLAND	ST	ST KILDA	1685511	322238	5806627		3.70	3.60	3.40	4.00	0.0	0.00	0.00	1						
149	ACLAND	ST	ST KILDA	1936858	322198	5806612		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
151	ACLAND	ST	ST KILDA	1936859	322200	5806608		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
152	ACLAND	ST	ST KILDA	1685516	322243	5806620		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
153	ACLAND	ST	ST KILDA	1936860	322203	5806603		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
154	ACLAND	ST	ST KILDA	1685519	322253	5806606		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
155	ACLAND	ST	ST KILDA	1685520	322205	5806599		3.50	3.40	3.30	3.80	0.0	0.00	0.00	1						
156	ACLAND	ST	ST KILDA	1685521	322224	5806614		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
158	ACLAND	ST	ST KILDA	1685523	322252	5806606		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
159	ACLAND	ST	ST KILDA	1685524	322213	5806602		3.50	3.40	3.30	4.20	0.0	0.00	0.00	1						
160	ACLAND	ST	ST KILDA	1685525	322260	5806596		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
160	ACLAND	ST	ST KILDA	1685526	322261	5806600		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
161	ACLAND	ST	ST KILDA	1685527	322218	5806596		6.50	3.60	3.40	3.90	2.6	0.00	0.00	1						
162	ACLAND	ST	ST KILDA	1685528	322265	5806588		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
164	ACLAND	ST	ST KILDA	1685529	322267	5806586		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
165	ACLAND	ST	ST KILDA	1685530	322222	5806592		3.70	3.60	3.40	3.90	0.0	0.00	0.00	1						
166	ACLAND	ST	ST KILDA	1685531	322269	5806582		3.70	3.60	3.40	4.20	0.0	0.00	0.00	1						
167	ACLAND	ST	ST KILDA	1685532	322230	5806587		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
167	ACLAND	ST	ST KILDA	1685533	322222	5806581		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
167	ACLAND	ST	ST KILDA	1685534	322219	5806577		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
169	ACLAND	ST	ST KILDA	1685536	322230	5806577		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
170	ACLAND	ST	ST KILDA	1685537	322270	5806578		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
171	ACLAND	ST	ST KILDA	1936861	322230	5806580		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
173	ACLAND	ST	ST KILDA	1685541	322232	5806578		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
175	ACLAND	ST	ST KILDA	1685542	322234	5806570		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
179	ACLAND	ST	ST KILDA	1685543	322238	5806565		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
181	ACLAND	ST	ST KILDA	1685544	322242	5806562		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
183	ACLAND	ST	ST KILDA	1685545	322246	5806557		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
185	ACLAND	ST	ST KILDA	1685546	322250	5806552		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
187	ACLAND	ST	ST KILDA	1685547	322254	5806549		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
189	ACLAND	ST	ST KILDA	1685548	322257	5806545		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
191	ACLAND	ST	ST KILDA	1685549	322260	5806541		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
193	ACLAND	ST	ST KILDA	1685550	322265	5806538		3.50	3.40	3.30	4.00	0.0	0.00	0.00	1						
5	ALBERT	ST	ST KILDA	1685745	322203	5806876		4.05	3.85	3.55	3.20	0.8	1.50	1.27	3	3.377	-0.61	-0.47	-0.17	4	
7	ALBERT	ST	ST KILDA	1685746	322210	5806881		4.05	3.85	3.55	3.20	0.9	1.50	1.28	3	3.438	-0.61	-0.41	-0.11	4	
9	ALBERT	ST	ST KILDA	1685747	322217	5806886		4.06	3.86	3.56	3.20	0.9	1.50	1.29	3	3.438	-0.62	-0.42	-0.12	4	
11	ALBERT	ST	ST KILDA	1685748	322229	5806897		4.07	3.87	3.57	3.20	0.9	1.50	1.31	3	3.931	-0.14	0.06	0.36	2	
13	ALBERT	ST	ST KILDA	1685749	322235	5806899		4.08	3.88	3.58	3.20	0.9	1.50	1.31	3	3.931	-0.14	0.05	0.35	2	
15	ALBERT	ST	ST KILDA	1685750	322241	5806904		4.08	3.88	3.58	3.20	0.9	1.50	1.32	3	3.882	-0.20	0.00	0.30	2	
17	ALBERT	ST	ST KILDA	1685751	322245	5806907		4.15	3.90	3.60	3.20	0.9	1.50	1.42	3	3.882	-0.27	-0.02	0.28	3	
19	ALBERT	ST	ST KILDA	1936872	322256	5806915		4.18	3.90	3.60	3.20	1.0	1.50	1.47	3	3.924	-0.26	0.02	0.32	2	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floo · Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	m)	(m)	(m)	Category	
	ALBERT	ST	ST KILDA	81178	322224	5806891		3.70	3.60	3.50	3.20	0.5	0.00	0.00	1	3.36	3.34	-0.24	-0.14	4	Opp' Lane b/n Acland/Carlisle
30	ALEXANDRA	ST	BALACLAVA	1685819	324229	5806949		18.10	18.10	18.05	18.00	0.1	1.53	0.15	1						
31	ALEXANDRA	ST	BALACLAVA	1685820	324193	5806949		18.10	18.10	18.05	18.00	0.1	1.53	0.15	1						
32	ALEXANDRA	ST	BALACLAVA	1936877	324231	5806959		18.10	18.10	18.05	18.00	0.1	1.53	0.15	1						
33	ALEXANDRA	ST	BALACLAVA	1685823	324195	5806959		18.10	18.10	18.05	18.00	0.1	1.53	0.15	1						
1	BAKER	ST	ST KILDA	1687544	322118	5806143															SOME OVERLANFD FLOW GOES DOWN THIS STREET
2	BAKER	ST	ST KILDA	1687545	322087	5806136															
3	BAKER	ST	ST KILDA	1687546	322119	5806138															
4	BAKER	ST	ST KILDA	1687547	322087	5806128															
6	BAKER	ST	ST KILDA	1687548	322089	5806122															
7	BAKER	ST	ST KILDA	1687549	322120	5806128															
8	BAKER	ST	ST KILDA	1687550	322090	5806112															
9	BAKER	ST	ST KILDA	1687551	322122	5806117															
10	BAKER	ST	ST KILDA	1687552	322092	5806100															
11	BAKER	ST	ST KILDA	1687553	322123	5806104															
12	BAKER	ST	ST KILDA	1687554	322093	5806090															
13	BAKER	ST	ST KILDA	1687555	322125	5806093															
14	BAKER	ST	ST KILDA	1687556	322094	5806077															
16	BAKER	ST	ST KILDA	1687559	322096	5806064															
17	BAKER	ST	ST KILDA	1687560	322128	5806068															
18	BAKER	ST	ST KILDA	1687561	322099	5806052															
19	BAKER	ST	ST KILDA	1687562	322130	5806057															
20	BAKER	ST	ST KILDA	1687563	322100	5806040															
21	BAKER	ST	ST KILDA	1687564	322131	5806048															
23	BAKER	ST	ST KILDA	1687565	322132	5806041															
2	BALSTON	ST	BALACLAVA	1687567	323824	5806891		12.80	13.75	13.70	12.60	0.2	1.20	0.24	1						
3	BALSTON	ST	BALACLAVA	1937007	323793	5806904		12.80	13.75	13.70	12.60	0.2	1.20	0.24	1						
4	BALSTON	ST	BALACLAVA	1687583	323823	5806881		12.80	13.75	13.70	12.60	0.2	1.20	0.24	1						
5	BALSTON	ST	BALACLAVA	51494	323784	5806888		12.80	13.75	13.70	12.60	0.2	1.20	0.24	1						
5	BALSTON	ST	BALACLAVA	51495	323791	5806887		12.80	13.75	13.70	12.60	0.2	1.20	0.24	1						
6	BALSTON	ST	BALACLAVA	1687586	323823	5806875		12.60	13.55	13.50	12.40	0.2	1.20	0.24	1						
6	BALSTON	ST	BALACLAVA	1687587	323822	5806868		12.60	13.55	13.50	12.40	0.2	1.20	0.24	1						
7	BALSTON	ST	BALACLAVA	51496	323784	5806882		12.60	13.55	13.50	12.40	0.2	1.20	0.24	1						
7	BALSTON	ST	BALACLAVA	51497	323791	5806881		12.60	13.55	13.50	12.40	0.2	1.20	0.24	1						
8	BALSTON	ST	BALACLAVA	1687591	323821	5806862		12.70	13.65	13.60	12.50	0.2	1.20	0.24	1						
8	BALSTON	ST	BALACLAVA	1687592	323820	5806856		12.40	13.35	13.30	12.20	0.2	1.20	0.24	1						
9	BALSTON	ST	BALACLAVA	1687593	323789	5806868		12.40	13.35	13.30	12.20	0.2	1.20	0.24	1						
10	BALSTON	ST	BALACLAVA	1687594	323819	5806847		12.40	13.35	13.30	12.20	0.2	1.20	0.24	1						
11	BALSTON	ST	BALACLAVA	1687595	323788	5806861		12.30	13.25	13.20	12.10	0.2	1.20	0.24	1						
12	BALSTON	ST	BALACLAVA	1687596	323818	5806838		12.30	13.25	13.20	12.10	0.2	1.20	0.24	1						
13	BALSTON	ST	BALACLAVA	1687597	323788	5806855		12.30	13.25	13.20	12.10	0.2	1.20	0.24	1						
14	BALSTON	ST	BALACLAVA	1687598	323816	5806829		12.30	13.25	13.20	12.10	0.2	1.20	0.24	1						
15	BALSTON	ST	BALACLAVA	1687599	323786	5806847		12.20	13.15	13.10	12.00	0.2	1.20	0.24	1						
16	BALSTON	ST	BALACLAVA	1687600	323815	5806821		12.20	13.15	13.10	12.00	0.2	1.20	0.24	1						
17	BALSTON	ST	BALACLAVA	1687601	323786	5806840		12.30	13.25	13.20	12.10	0.2	1.20	0.24	1						
18	BALSTON	ST	BALACLAVA	1687602	323814	5806807		12.00	12.95	12.90	11.80	0.2	1.20	0.24	1						
19	BALSTON	ST	BALACLAVA	1687603	323785	5806833		12.20	13.15	13.10	12.00	0.2	1.20	0.24	1						
20	BALSTON	ST	BALACLAVA	1687604	323812	5806794		11.80	12.75	12.70	11.60	0.2	1.20	0.24	1						
21	BALSTON	ST	BALACLAVA	1687605	323783	5806823		12.00	12.95	12.90	11.80	0.2	1.20	0.24	1						
22	BALSTON	ST	BALACLAVA	1687606	323811	5806785		11.80	12.75	12.70	11.60	0.2	1.20	0.24	1						
23	BALSTON	ST	BALACLAVA	1687607	323782	5806812		11.80	12.75	12.70	11.60	0.2	1.20	0.24	1						
24	BALSTON	ST	BALACLAVA	1687608	323810	5806778		11.80	12.75	12.70	11.60	0.2	1.20	0.24	1						
25	BALSTON	ST	BALACLAVA	1687609	323781	5806804		11.80	12.75	12.70	11.60	0.2	1.20	0.24	1						
26	BALSTON	ST	BALACLAVA	1687610	323810	5806771		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
27	BALSTON	ST	BALACLAVA	1687611	323780	5806796		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
28	BALSTON	ST	BALACLAVA	1687612	323809	5806765		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
29	BALSTON	ST	BALACLAVA	1687613	323779	5806789		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
30	BALSTON	ST	BALACLAVA	1687614	323808	5806760		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
31	BALSTON	ST	BALACLAVA	1687615	323777	5806778		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
32	BALSTON	ST	BALACLAVA	1687616	323807	5806755		11.60	12.55	12.50	11.40	0.2	1.20	0.24	1						
33	BALSTON	ST	BALACLAVA	1687617	323776	5806769		11.50	12.45	12.40	11.30	0.2	1.20	0.24	1						
34	BALSTON	ST	BALACLAVA	1687618	323806	5806750		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
35	BALSTON	ST	BALACLAVA	1687619	323775	5806760		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
37	BALSTON	ST	BALACLAVA	1687620	323774	5806754		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
38	BALSTON	ST	BALACLAVA	1687621	323805	5806741		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
39	BALSTON	ST	BALACLAVA	1937009	323770	5806718		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
40	BALSTON	ST	BALACLAVA	1687638	323804	5806732		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
42	BALSTON	ST	BALACLAVA	1687639	323804	5806725		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Flood	50 yr Flood Flood	20 yr Flood Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
44	BALSTON	ST	BALACLAVA	1687640	323803	5806719		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
46	BALSTON	ST	BALACLAVA	1687641	323802	5806714		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
48	BALSTON	ST	BALACLAVA	1687642	323801	5806709		11.40	12.35	12.30	11.20	0.2	1.20	0.24	1						
50	BALSTON	ST	BALACLAVA	1687643	323800	5806703		11.20	12.15	12.10	11.00	0.2	1.20	0.24	1						
54	BALSTON	ST	BALACLAVA	1937010	323799	5806693		11.20	12.15	12.10	11.00	0.2	1.20	0.24	1						
114	BARKLY	ST	ST KILDA	1688027	322362	5807052		4.40	4.10	4.00	4.40	0.0	0.00	0.00	1						
115	BARKLY	ST	ST KILDA	1688028	322329	5807088		4.40	4.10	4.00	4.40	0.0	0.00	0.00	1						
116	BARKLY	ST	ST KILDA	1688029	322361	5807046		4.40	4.10	4.00	4.30	0.1	0.00	0.00	1						
117	BARKLY	ST	ST KILDA	1688030	322328	5807081		4.40	4.10	4.00	4.30	0.1	0.00	0.00	1						
118	BARKLY	ST	ST KILDA	3677	322360	5807037		4.40	4.10	4.00	4.10	0.3	0.00	0.00	1	4.708	0.31	0.61	0.71		
119	BARKLY	ST	ST KILDA	1688032	322327	5807067		4.40	4.10	4.00	4.10	0.3	0.00	0.00	1						
120	BARKLY	ST	ST KILDA	1688033	322356	5806998		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1						
121	BARKLY	ST	ST KILDA	1688034	322324	5807049		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1						
123	BARKLY	ST	ST KILDA	1688035	322320	5807007		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1	4.4	0.00	0.30	0.40		S/W Cnr Barkly & Havelock
136	BARKLY	ST	ST KILDA	1688036	322347	5806928		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1						
144	BARKLY	ST	ST KILDA	1937038	322343	5806898		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1						
152	BARKLY	ST	ST KILDA	1688044	322339	5806865		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1						
158	BARKLY	ST	ST KILDA	1688046	322334	5806853		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1						
160	BARKLY	ST	ST KILDA	1688047	322333	5806846		4.40	4.10	4.00	4.10	0.3	0.00	0.00	1						
162	BARKLY	ST	ST KILDA	1688048	322332	5806839		4.40	4.10	4.00	4.20	0.2	0.00	0.00	1						
164	BARKLY	ST	ST KILDA	1688049	322331	5806832		4.40	4.10	4.00	4.20	0.2	0.00	0.00	1						
166	BARKLY	ST	ST KILDA	1688050	322329	5806785		4.40	4.10	4.00	4.40	0.0	0.00	0.00	1						
167	BARKLY	ST	ST KILDA	49572	322297	5806802		4.40	4.10	4.00	4.40	0.0	0.00	0.00	1						
170	BARKLY	ST	ST KILDA	1937040	322326	5806757		4.40	4.10	4.00	4.40	0.0	0.00	0.00	1						
171	BARKLY	ST	ST KILDA	49573	322296	5806796		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
173	BARKLY	ST	ST KILDA	1937041	322289	5806756		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
174	BARKLY	ST	ST KILDA	51134	322322	5806728		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
175	BARKLY	ST	ST KILDA	1688090	322287	5806736		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
176	BARKLY	ST	ST KILDA	1688091	322319	5806704		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
178	BARKLY	ST	ST KILDA	1937043	322316	5806680		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
179	BARKLY	ST	ST KILDA	1937044	322285	5806719		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
181	BARKLY	ST	ST KILDA	1688121	322282	5806699		3.70	3.60	3.50	4.60	0.0	0.00	0.00	1						
1	BELFORD	ST	ST KILDA	1689130	322211	5806700		3.70	3.60	3.40	2.60	1.1	0.00	0.00	1	3.073	-0.63	-0.53	-0.33	4	"Flood" assumed from pondage
1	BELFORD	ST	ST KILDA	1689131	322230	5806707		3.70	3.60	3.40	2.60	1.1	0.00	0.00	1	3.494	-0.21	-0.11	0.09	3	"Flood" assumed from pondage
2	BELFORD	ST	ST KILDA	1689132	322208	5806733		3.70	3.60	3.40	2.60	1.1	0.00	0.00	1	3.595	-0.11	0.00	0.20	3	"Flood" assumed from pondage
3	BELFORD	ST	ST KILDA	1689133	322238	5806715		3.70	3.60	3.40	2.60	1.1	0.00	0.00	1	3.67	-0.03	0.07	0.27	2	"Flood" assumed from pondage
5	BELFORD	ST	ST KILDA	1937106	322245	5806719		3.70	3.60	3.40	2.80	0.9	0.00	0.00	1	3.712	0.01	0.11	0.31	1	"Flood" assumed from pondage
6	BELFORD	ST	ST KILDA	1689143	322230	5806744		3.70	3.60	3.40	2.60	1.1	0.00	0.00	1					1	
7	BELFORD	ST	ST KILDA	1689144	322257	5806729		3.70	3.60	3.40	2.80	0.9	0.00	0.00	1	3.571	-0.13	-0.03	0.17	3	"Flood" assumed from pondage
12	BELFORD	ST	ST KILDA					3.70	3.60	3.40	2.80	0.9	0.00	0.00	1	3.064	-0.64	-0.54	-0.34	4	"Flood" assumed from pondage
14	BELFORD	ST	ST KILDA	43009	322240	5806753		3.70	3.60	3.40	2.80	0.9	0.00	0.00	1	3.154	-0.55	-0.45	-0.25	4	"Flood" assumed from pondage
16	BELFORD	ST	ST KILDA	43010	322247	5806758		3.70	3.60	3.40	2.80	0.9	0.00	0.00	1	3.253	-0.45	-0.35	-0.15	4	"Flood" assumed from pondage
16	BELFORD	ST	ST KILDA	43013	322247	5806758		3.70	3.60	3.40	2.80	0.9	0.00	0.00	1					1	
18	BELFORD	ST	ST KILDA	1689151	322257	5806765		3.70	3.60	3.40	3.00	0.7	0.00	0.00	1	3.887	0.19	0.29	0.49	1	"Flood" assumed from pondage
20	BELFORD	ST	ST KILDA	1689152	322265	5806772		3.70	3.60	3.40	3.40	0.3	0.00	0.00	1					1	
22	BELFORD	ST	ST KILDA	1689153	322270	5806776		3.70	3.60	3.40	3.60	0.1	0.00	0.00	1					1	
24	BELFORD	ST	ST KILDA	50857	322282	5806784		3.70	3.60	3.40	3.80	0.0	0.00	0.00	1					1	
1	BLANCHE	ST	ST KILDA	49556	322389	5807007		4.42	4.13	4.01	3.60	0.8	0.40	0.33	1					1	
2	BLANCHE	ST	ST KILDA	1689253	322391	5807034		4.42	4.13	4.01	3.60	0.8	0.40	0.33	1	4.303	-0.12	0.18	0.29	2	
3	BLANCHE	ST	ST KILDA	1689254	322398	5807006		4.42	4.13	4.01	3.60	0.8	0.40	0.33	1	3.854	-0.57	-0.28	-0.16	4	
4	BLANCHE	ST	ST KILDA	1689255	322396	5807034		4.42	4.13	4.01	3.60	0.8	0.40	0.33	1	4.343	-0.08	0.21	0.33	2	
5	BLANCHE	ST	ST KILDA	1689256	322442	5806999		4.42	4.13	4.01	3.80	0.6	0.40	0.25	1					1	
6	BLANCHE	ST	ST KILDA	1689257	322403	5807034		4.42	4.13	4.01	3.60	0.8	0.40	0.33	1	4.313	-0.11	0.18	0.30	2	
21	BLANCHE	ST	ST KILDA	1689258	322528	5806986		4.45	4.18	4.03	3.30	1.2	0.40	0.46	2					1	
23	BLANCHE	ST	ST KILDA	1689259	322533	5806986		4.45	4.18	4.03	3.30	1.2	0.40	0.46	2					1	
25	BLANCHE	ST	ST KILDA	1689260	322539	5806985		4.47	4.21	4.04	3.20	1.3	0.40	0.51	2	3.829	-0.64	-0.38	-0.21	4	
27	BLANCHE	ST	ST KILDA	1689261	322545	5806984		4.48	4.21	4.04	3.20	1.3	0.40	0.51	2	3.829	-0.65	-0.38	-0.21	4	
28	BLANCHE	ST	ST KILDA	1689262	322540	5807014		4.47	4.21	4.04	3.20	1.3	0.40	0.51	2	3.818	-0.66	-0.39	-0.22	4	
29	BLANCHE	ST	ST KILDA	1689263	322548	5806983		4.48	4.22	4.04	3.20	1.3	0.50	0.64	2	3.869	-0.61	-0.35	-0.17	4	
29	BLANCHE	ST	ST KILDA	1689264	322554	5806987		4.48	4.22	4.04	3.20	1.3	0.50	0.64	2	3.869	-0.61	-0.35	-0.17	4	
31	BLANCHE	ST	ST KILDA	1689265	322560	5806986		4.48	4.22	4.04	3.40	1.1	0.50	0.54	2					1	
32	BLANCHE	ST	ST KILDA	1689266	322555	5807012		4.48	4.22	4.04	3.40	1.1	0.60	0.65	2	4.236	-0.24	0.02	0.20	2	
33	BLANCHE	ST	ST KILDA	1689267	322566	5806985		4.48	4.22	4.04	3.40	1.1	0.60	0.65	2	3.906	-0.58	-0.32	-0.14	4	
34	BLANCHE	ST	ST KILDA	1689268	322566	5807011		4.48	4.22	4.04	3.40	1.1	0.70	0.76	2	3.985	-0.50	-0.24	-0.06	4	
35	BLANCHE	ST	ST KILDA	1689269	322572	5806984		4.49	4.23	4.04	3.40	1.1	0.70	0.76	2	3.943	-0.54	-0.28	-0.10	4	
36	BLANCHE	ST	ST KILDA	1689270	322579	5807009		4.49	4.23	4.04	3.40	1.1	0.80	0.87	3	3.89	-0.60	-0.34	-0.15	4	
37	BLANCHE	ST	ST KILDA	1689271	322578	5806983		4.49	4.23	4.04	3.40	1.1	0.80	0.87	3	3.943	-0.55	-0.29	-0.10	4	
38	BLANCHE	ST	ST KILDA	1689272	322588	5807007		4.49	4.24	4.05	3.40	1.1	0.90	0.98	3	3.953	-0.54	-0.28	-0.09	4	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
41	BLANCHE	ST	ST KILDA	1689273	322598	5806977		4.50	4.24	4.04	3.60	0.9	0.90	0.81	3	3.988	-0.51	-0.25	-0.05	4	
43	BLANCHE	ST	ST KILDA	1689275	322627	5806973		4.52	4.29	4.09	3.60	0.9	0.90	0.82	3	3.98	-0.54	-0.31	-0.11	4	
45	BLANCHE	ST	ST KILDA	1689276	322645	5806970		4.53	4.33	4.13	3.60	0.9	1.00	0.93	3					1	
49	BLANCHE	ST	ST KILDA	1689280	322651	5806969		4.54	4.35	4.15	3.60	0.9	1.00	0.94	3	4.131	-0.41	-0.22	-0.02	4	
49	BLANCHE	ST	ST KILDA	1689281	322661	5806968		4.55	4.38	4.18	3.60	1.0	1.00	0.95	3	4.046	-0.51	-0.33	-0.13	4	
51	BLANCHE	ST	ST KILDA	1689283	322668	5806967		4.56	4.40	4.20	3.60	1.0	1.00	0.96	3	4.219	-0.34	-0.18	0.02	3	
53	BLANCHE	ST	ST KILDA	1689284	322675	5806966		4.56	4.41	4.21	3.60	1.0	1.00	0.96	3	4.219	-0.35	-0.19	0.01	3	
55	BLANCHE	ST	ST KILDA	1689285	322681	5806965		4.57	4.42	4.22	3.60	1.0	1.20	1.16	3	4.268	-0.30	-0.15	0.05	3	
57	BLANCHE	ST	ST KILDA	1689286	322687	5806965		4.58	4.44	4.24	3.80	0.8	1.40	1.09	3	4.24	-0.34	-0.20	0.00	3	
59	BLANCHE	ST	ST KILDA	1689287	322695	5806963		4.58	4.45	4.25	3.80	0.8	1.50	1.17	3	4.486	-0.10	0.03	0.23	2	
61	BLANCHE	ST	ST KILDA	1689288	322704	5806966		4.59	4.48	4.28	4.00	0.6	1.50	0.89	3	4.408	-0.18	-0.07	0.13	3	
1	BLENHEIM	ST	BALACLAVA	1689290	323485	5806950					9.00	0.0	1.30	0.00	1						
3	BLENHEIM	ST	BALACLAVA	1689291	323483	5806938					8.80	0.0	1.30	0.00	1						
4	BLENHEIM	ST	BALACLAVA	1689292	323514	5806949					9.00	0.0	1.30	0.00	1						
5	BLENHEIM	ST	BALACLAVA	1689293	323483	5806923					8.60	0.0	1.30	0.00	1						
6	BLENHEIM	ST	BALACLAVA	1689294	323513	5806939					8.80	0.0	1.30	0.00	1						
7	BLENHEIM	ST	BALACLAVA	1689295	323485	5806912					8.60	0.0	1.30	0.00	1						
8	BLENHEIM	ST	BALACLAVA	1689296	323512	5806927					8.80	0.0	1.30	0.00	1						
9	BLENHEIM	ST	BALACLAVA	1689297	323488	5806898					8.50	0.0	1.30	0.00	1						
10	BLENHEIM	ST	BALACLAVA	1689298	323515	5806909					8.60	0.0	1.30	0.00	1						
11	BLENHEIM	ST	BALACLAVA	1689299	323490	5806885					8.40	0.0	1.30	0.00	1						
13	BLENHEIM	ST	BALACLAVA	1689300	323490	5806871					8.30	0.0	1.30	0.00	1						
14	BLENHEIM	ST	BALACLAVA	1689301	323519	5806894					8.40	0.0	1.30	0.00	1						
15	BLENHEIM	ST	BALACLAVA	1689302	323488	5806857					8.20	0.0	1.30	0.00	1						
16	BLENHEIM	ST	BALACLAVA	1689303	323520	5806882					8.40	0.0	1.30	0.00	1						
18	BLENHEIM	ST	BALACLAVA	1689304	323520	5806868					8.40	0.0	1.30	0.00	1						
19	BLENHEIM	ST	BALACLAVA	1689305	323486	5806845					8.00	0.0	1.30	0.00	1						
20	BLENHEIM	ST	BALACLAVA	1689306	323519	5806856					8.40	0.0	1.30	0.00	1						
21	BLENHEIM	ST	BALACLAVA	1937114	323484	5806832					7.90	0.0	1.30	0.00	1						
22	BLENHEIM	ST	BALACLAVA	1689318	323517	5806842					8.20	0.0	1.30	0.00	1						
23	BLENHEIM	ST	BALACLAVA	1689319	323483	5806819					7.80	0.0	1.30	0.00	1						
24	BLENHEIM	ST	BALACLAVA	1689320	323514	5806826					8.00	0.0	1.20	0.00	1						
25	BLENHEIM	ST	BALACLAVA	1689321	323481	5806810					7.70	0.0	1.20	0.00	1						
26	BLENHEIM	ST	BALACLAVA	1689322	323513	5806814					7.80	0.0	1.20	0.00	1						
27	BLENHEIM	ST	BALACLAVA	1689323	323480	5806803					7.70	0.0	1.20	0.00	1						
28	BLENHEIM	ST	BALACLAVA	1689324	323512	5806802					7.80	0.0	1.10	0.00	1						
29	BLENHEIM	ST	BALACLAVA	1689325	323479	5806794					7.50	0.0	1.10	0.00	1						
30	BLENHEIM	ST	BALACLAVA	1937115	323510	5806783					7.60	0.0	1.10	0.00	1						
31	BLENHEIM	ST	BALACLAVA	1689337	323478	5806781					7.60	0.0	1.10	0.00	1						
32	BLENHEIM	ST	BALACLAVA	1689338	323507	5806765					7.60	0.0	1.10	0.00	1						
33	BLENHEIM	ST	BALACLAVA	1689339	323476	5806769					7.60	0.0	1.00	0.00	1						
34	BLENHEIM	ST	BALACLAVA	1689340	323506	5806754					7.60	0.0	1.00	0.00	1						
35	BLENHEIM	ST	BALACLAVA	1689341	323475	5806756					7.60	0.0	1.00	0.00	1						
36	BLENHEIM	ST	BALACLAVA	1689342	323505	5806742					7.60	0.0	1.00	0.00	1						
37	BLENHEIM	ST	BALACLAVA	1689343	323473	5806744					7.40	0.0	0.90	0.00	1						
39	BLENHEIM	ST	BALACLAVA	1689344	323472	5806736					7.30	0.0	0.90	0.00	1						
40	BLENHEIM	ST	BALACLAVA	1689345	323503	5806731					7.40	0.0	0.80	0.00	1						
41	BLENHEIM	ST	BALACLAVA	1689346	323471	5806730					7.20	0.0	0.80	0.00	1						
42	BLENHEIM	ST	BALACLAVA	1689347	323502	5806726					7.40	0.0	0.70	0.00	1						
43	BLENHEIM	ST	BALACLAVA	1689348	323470	5806724					7.30	0.0	0.70	0.00	1						
44	BLENHEIM	ST	BALACLAVA	1689349	323501	5806717					7.20	0.0	0.60	0.00	1						
45	BLENHEIM	ST	BALACLAVA	1689350	323470	5806718					7.20	0.0	0.60	0.00	1						
47	BLENHEIM	ST	BALACLAVA	1689351	323469	5806709					7.20	0.0	0.60	0.00	1						
4	BLESSINGTON	ST	ST KILDA	1689365	321958	5806313		2.10	1.65	n/a	1.60	0.5	1.20	0.60	2	2.019	-0.08	0.37	n/a	2	Outside Calculated Plane
6	BLESSINGTON	ST	ST KILDA	1689366	321971	5806320		2.16	1.85	n/a	1.80	0.4	1.20	0.43	2	2.208	0.05	0.36	n/a	1	
7	BLESSINGTON	ST	ST KILDA	1689367	321962	5806275		2.00	1.90	n/a	1.90	0.1	0.00	0.00	1					1	
8	BLESSINGTON	ST	ST KILDA	1689368	321983	5806326		2.34	2.25	n/a	1.90	0.4	1.20	0.53	2	2.199	-0.14	-0.05	n/a	3	
9	BLESSINGTON	ST	ST KILDA	1689369	322092	5806343															
10	BLESSINGTON	ST	ST KILDA	1689370	321999	5806333		2.44	2.25	n/a	2.00	0.4	1.20	0.53	2	2.099	-0.34	-0.15	n/a	3	
2	BOTHWELL	ST	BALACLAVA	1689592	323215	5806411															
3	BOTHWELL	ST	BALACLAVA	25365	323133	5806430		5.80	5.30	5.20	5.60	0.2	0.00	0.00	1						
5	BOTHWELL	ST	BALACLAVA	25366	323141	5806424		5.80	5.30	5.20	5.60	0.2	0.00	0.00	1						
7	BOTHWELL	ST	BALACLAVA	1689595	323154	5806413		5.80	5.30	5.20	5.80	0.0	0.00	0.00	1						
8	BOTHWELL	ST	BALACLAVA	1689596	323273	5806374															
9	BOTHWELL	ST	BALACLAVA	1689597	323167	5806408		5.80	5.30	5.20	5.80	0.0	0.00	0.00	1						
1	CAMDEN	ST	BALACLAVA	1691011	323245	5806981					6.80	0.0	0.40	0.00	1						
3	CAMDEN	ST	BALACLAVA	1691012	323244	5806973					6.75	0.0	0.40	0.00	1						
4	CAMDEN	ST	BALACLAVA	1691013	323275	5806974					6.80	0.0	0.40	0.00	1						

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	10 yr Flood	50 yr Flood Flood	20 yr Flood Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
5	CAMDEN	ST	BALACLAVA	1691014	323244	5806968					6.70	0.0	0.40	0.00	1						
6	CAMDEN	ST	BALACLAVA	1691015	323274	5806963					6.70	0.0	0.40	0.00	1						
7	CAMDEN	ST	BALACLAVA	1691016	323244	5806964					6.70	0.0	0.40	0.00	1						
8	CAMDEN	ST	BALACLAVA	1691017	323273	5806953					6.60	0.0	0.40	0.00	1						
9	CAMDEN	ST	BALACLAVA	1937234	323240	5806954					6.60	0.0	0.40	0.00	1						
10	CAMDEN	ST	BALACLAVA	1691025	323271	5806943					6.60	0.0	0.40	0.00	1						
11	CAMDEN	ST	BALACLAVA	1691026	323239	5806941					6.50	0.0	0.40	0.00	1						
11	CAMDEN	ST	BALACLAVA	1691027	323238	5806935					6.50	0.0	0.40	0.00	1						
12	CAMDEN	ST	BALACLAVA	1691028	323270	5806934					6.50	0.0	0.40	0.00	1						
13	CAMDEN	ST	BALACLAVA	1691029	323237	5806928					6.40	0.0	0.40	0.00	1						
14	CAMDEN	ST	BALACLAVA	1691030	323270	5806927					6.40	0.0	0.40	0.00	1						
16	CAMDEN	ST	BALACLAVA	1691031	323269	5806922					6.40	0.0	0.40	0.00	1						
17	CAMDEN	ST	BALACLAVA	1691032	323235	5806911					6.20	0.0	0.40	0.00	1						
18	CAMDEN	ST	BALACLAVA	1691033	323268	5806915					6.20	0.0	0.40	0.00	1						
19	CAMDEN	ST	BALACLAVA	1937235	323234	5806893					6.10	0.0	0.40	0.00	1						
20	CAMDEN	ST	BALACLAVA	1691044	323268	5806910					6.20	0.0	0.40	0.00	1						
21	CAMDEN	ST	BALACLAVA	1937236	323231	5806872		5.75	5.65	5.60	5.90	0.0	0.00	0.00	1						
22	CAMDEN	ST	BALACLAVA	1691052	323267	5806903					6.20	0.0	0.40	0.00	1						
23	CAMDEN	ST	BALACLAVA	1937237	323228	5806847		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
24	CAMDEN	ST	BALACLAVA	1691058	323266	5806897					6.20	0.0	0.40	0.00	1						
25	CAMDEN	ST	BALACLAVA	1691059	323226	5806834		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
26	CAMDEN	ST	BALACLAVA	1691060	323266	5806891					6.10	0.0	0.40	0.00	1						
27	CAMDEN	ST	BALACLAVA	1691061	323225	5806824		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
28	CAMDEN	ST	BALACLAVA	1691062	323265	5806885					6.00	0.0	0.40	0.00	1						
29	CAMDEN	ST	BALACLAVA	1691063	323224	5806816		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
30	CAMDEN	ST	BALACLAVA	1691064	323264	5806878					6.00	0.0	0.40	0.00	1						
31	CAMDEN	ST	BALACLAVA	1691065	323223	5806808		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
32	CAMDEN	ST	BALACLAVA	1691066	323263	5806873					5.90	0.0	0.40	0.00	1						
33	CAMDEN	ST	BALACLAVA	1691067	323222	5806800		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
34	CAMDEN	ST	BALACLAVA	1691068	323263	5806867					5.80	0.0	0.40	0.00	1						
35	CAMDEN	ST	BALACLAVA	1691069	323221	5806793		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
36	CAMDEN	ST	BALACLAVA	1691070	323262	5806859					5.80	0.0	0.40	0.00	1						
37	CAMDEN	ST	BALACLAVA	1691071	323220	5806786		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
38	CAMDEN	ST	BALACLAVA	1691072	323260	5806847		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
39	CAMDEN	ST	BALACLAVA	1691073	323218	5806763		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
40	CAMDEN	ST	BALACLAVA	1691074	323259	5806840		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
42	CAMDEN	ST	BALACLAVA	1691075	323258	5806834		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1						
44	CAMDEN	ST	BALACLAVA	1691076	323258	5806827		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
46	CAMDEN	ST	BALACLAVA	1691077	323256	5806817		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
48	CAMDEN	ST	BALACLAVA	1691078	323255	5806806		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
50	CAMDEN	ST	BALACLAVA	1691079	323254	5806800		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
54	CAMDEN	ST	BALACLAVA	1691080	323249	5806759		5.75	5.65	5.60	5.60	0.2	0.00	0.00	1					1	
2	CARLISLE	AV	BALACLAVA	1691529	323648	5806544															
2	CARLISLE	AV	BALACLAVA	1691531	323648	5806548		9.15	9.10	9.05	9.00	0.2	0.20	0.03	1						
4	CARLISLE	AV	BALACLAVA	1691532	323645	5806534		9.15	9.10	9.05	9.00	0.2	0.20	0.03	1						
6	CARLISLE	AV	BALACLAVA	1691533	323644	5806523		9.05	9.00	8.95	8.90	0.2	0.20	0.03	1						
7	CARLISLE	AV	BALACLAVA	1691535	323674	5806513		8.95	8.90	8.85	8.80	0.2	0.20	0.03	1						
8	CARLISLE	AV	BALACLAVA	1691537	323642	5806513		8.95	8.90	8.85	8.80	0.2	0.20	0.03	1						
9	CARLISLE	AV	BALACLAVA	1691538	323672	5806497		8.95	8.90	8.85	8.80	0.2	0.20	0.03	1						
10	CARLISLE	AV	BALACLAVA	1691540	323641	5806503		8.95	8.90	8.85	8.80	0.2	0.20	0.03	1						
11	CARLISLE	AV	BALACLAVA	1691542	323670	5806486		8.85	8.80	8.75	8.70	0.2	0.20	0.03	1						
12	CARLISLE	AV	BALACLAVA	24833	323639	5806491		8.85	8.80	8.75	8.70	0.2	0.20	0.03	1						
13	CARLISLE	AV	BALACLAVA	1691546	323670	5806479		8.85	8.80	8.75	8.70	0.2	0.20	0.03	1						
14	CARLISLE	AV	BALACLAVA	1691548	323638	5806479		8.75	8.70	8.65	8.60	0.2	0.20	0.03	1						
15	CARLISLE	AV	BALACLAVA	1691552	323669	5806470		8.75	8.70	8.65	8.60	0.2	0.20	0.03	1						
16	CARLISLE	AV	BALACLAVA	1691554	323636	5806465		8.55	8.50	8.45	8.40	0.2	0.20	0.03	1						
17	CARLISLE	AV	BALACLAVA	1691556	323668	5806464		8.75	8.70	8.65	8.60	0.2	0.20	0.03	1						
18	CARLISLE	AV	BALACLAVA	1691558	323634	5806453		8.35	8.30	8.25	8.20	0.2	0.20	0.03	1						
19	CARLISLE	AV	BALACLAVA	1691559	323666	5806452		8.55	8.50	8.45	8.40	0.2	0.20	0.03	1						
20	CARLISLE	AV	BALACLAVA	1937261	323632	5806440		8.35	8.30	8.25	8.20	0.2	0.20	0.04	1						Egress vd product into Barkly St
21	CARLISLE	AV	BALACLAVA	1691577	323664	5806437		8.45	8.40	8.35	8.30	0.2	0.20	0.03	1						
22	CARLISLE	AV	BALACLAVA	1691582	323630	5806426		8.35	8.30	8.25	8.20	0.2	0.20	0.03	1						
23	CARLISLE	AV	BALACLAVA	1937263	323663	5806421		8.35	8.30	8.25	8.20	0.2	0.20	0.03	1						
24	CARLISLE	AV	BALACLAVA	1691593	323629	5806422															
26	CARLISLE	AV	BALACLAVA	1691595	323649	5806407															
2	CARLISLE	ST	ST KILDA	1691530	322117	5806855		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.453	-0.25	-0.15	-0.05	4	
6	CARLISLE	ST	ST KILDA	1691534	322168	5806858		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.718	-0.02	0.12	0.22		
7	CARLISLE	ST	ST KILDA	1691536	322119	5806826		3.94	3.80	3.60	3.20	0.7	0.00	0.00	1	3.26	-0.68	-0.54	-0.34	4	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	10 yr Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
9	CARLISLE	ST	ST KILDA	1691539	322126	5806822		3.92	3.80	3.60	3.20	0.7	0.00	0.00	1	3.35	-0.57	-0.45	-0.25	4	
10	CARLISLE	ST	ST KILDA	1691541	322211	5806853		3.70	3.60	3.50	3.20	0.5	1.50	0.75	2	3.909	-0.21	0.31	0.41		
11	CARLISLE	ST	ST KILDA	1691543	322130	5806827		3.70	3.60	3.50	3.00	0.7	1.50	1.05	3						
12	CARLISLE	ST	ST KILDA	1691545	322230	5806850		3.70	3.60	3.50	3.20	0.5	0.00	0.00	1	4.11	-0.41	0.51	0.61		
13	CARLISLE	ST	ST KILDA	1691547	322142	5806827		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.295	-0.41	-0.31	-0.21	4	
14	CARLISLE	ST	ST KILDA	1937259	322242	5806846		3.70	3.60	3.50	3.40	0.3	0.00	0.00	1	3.965	-0.27	0.37	0.47		
15	CARLISLE	ST	ST KILDA	1691553	322186	5806823		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.543	-0.16	-0.06	0.04	3	
16	CARLISLE	ST	ST KILDA	1691555	322262	5806845		3.70	3.60	3.50	3.60	0.1	0.00	0.00	1	3.785	-0.0[illegible]	0.19	0.29		
17	CARLISLE	ST	ST KILDA	1691557	322205	5806818		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.85	-0.15	0.25	0.35		
19	CARLISLE	ST	ST KILDA	1937260	322225	5806816		3.70	3.60	3.50	3.40	0.3	0.00	0.00	1	3.838	-0.24	0.24	0.34		
19	CARLISLE	ST	ST KILDA					3.70	3.60	3.50	3.40	0.3	1.00	0.30	1	3.855	-0.15	0.26	0.36		
20	CARLISLE	ST	ST KILDA	1691570	322293	5806841		3.70	3.60	3.50	4.20	0.2	0.00	0.00	1						Egress vd product into Barkly St
21	CARLISLE	ST	ST KILDA					3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.459	-0.24	-0.14	-0.04	4	7/17 Carlisle St
21	CARLISLE	ST	ST KILDA	49566	322273	5806804					3.80	0.0		0.00	1						
23	CARLISLE	ST	ST KILDA	49567	322277	5806804					3.80	0.0		0.00	1						
25	CARLISLE	ST	ST KILDA	49568	322281	5806806					4.00	0.0		0.00	1						
27	CARLISLE	ST	ST KILDA	49569	322285	5806805					4.00	0.0		0.00	1						
29	CARLISLE	ST	ST KILDA	49570	322289	5806804					4.10	0.0		0.00	1						
31	CARLISLE	ST	ST KILDA	49571	322300	5806807					4.20	0.0		0.00	1						
42	CARLISLE	ST	ST KILDA	1937265	322419	5806821															
49	CARLISLE	ST	ST KILDA	1937266	322422	5806786															
56	CARLISLE	ST	ST KILDA	1937268	322530	5806820															
57	CARLISLE	ST	ST KILDA	1937269	322465	5806779															
59	CARLISLE	ST	ST KILDA	1937270	322477	5806777															
63	CARLISLE	ST	ST KILDA	1937271	322507	5806772															
64	CARLISLE	ST	ST KILDA	1937272	322579	5806798															
65	CARLISLE	ST	ST KILDA	1937273	322522	5806770															
68	CARLISLE	ST	ST KILDA	1937274	322605	5806795															
70	CARLISLE	ST	ST KILDA	1937275	322617	5806793															
72	CARLISLE	ST	ST KILDA	1937276	322629	5806791															
76	CARLISLE	ST	ST KILDA	1937277	322654	5806788															
101	CARLISLE	ST	BALACLAVA	1937279	323076	5806693		5.72	5.69	5.61	5.40	0.3	1.20	0.38	1	6.006	-0.29	0.32	0.40		
103	CARLISLE	ST	BALACLAVA	1691798	323135	5806684		5.75	5.70	5.65	5.50	0.3	1.00	0.25	1	5.641	-0.11	-0.06	-0.01	4	
107	CARLISLE	ST	BALACLAVA	1691799	323142	5806683		5.76	5.71	5.66	5.60	0.2	1.00	0.16	1	5.659	-0.10	-0.05	0.00	3	
109	CARLISLE	ST	BALACLAVA	1937280	323148	5806685		5.78	5.73	5.68	5.60	0.2	1.00	0.18	1	5.739	-0.04	0.01	0.06	2	
109	CARLISLE	ST	BALACLAVA	1691800	323147	5806681		5.77	5.72	5.67	5.60	0.2	1.00	0.17	1						
111	CARLISLE	ST	BALACLAVA	1691804	323150	5806682		5.78	5.73	5.68	5.60	0.2	1.00	0.18	1	5.722	-0.06	-0.01	0.04	3	
114	CARLISLE	ST	ST KILDA	1691805	322868	5806757		5.51	5.50	5.45	5.00	0.5	0.80	0.41	2	5.082	-0.43	-0.42	-0.37	4	
115	CARLISLE	ST	BALACLAVA	1691806	323155	5806681		5.80	5.75	6.15	5.60	0.2	1.00	0.20	1	5.729	-0.07	-0.02	-0.43	4	
116	CARLISLE	ST	ST KILDA	1691807	322880	5806756		5.53	5.48	5.46	5.00	0.5	0.70	0.37	1	5.052	-0.47	-0.42	-0.41	4	
117	CARLISLE	ST	BALACLAVA	1691808	323162	5806680		5.82	5.77	5.61	5.60	0.2	1.00	0.22	1	5.769	-0.05	0.00	0.16	2	
118	CARLISLE	ST	ST KILDA	1691809	322911	5806742		5.57	5.52	5.48	5.00	0.6	0.60	0.34	1	5.225	-0.34	-0.29	-0.26	4	
118	CARLISLE	ST	ST KILDA	1691810	322907	5806751		5.56	5.51	5.48	5.00	0.6	0.60	0.34	1	5.051	-0.51	-0.46	-0.43	4	
118	CARLISLE	ST	ST KILDA	1691811	322909	5806756		5.56	5.51	5.48	5.00	0.6	0.60	0.34	1						
119	CARLISLE	ST	BALACLAVA	1691812	323168	5806679		5.85	5.80	5.75	5.60	0.3	1.00	0.25	1						
121	CARLISLE	ST	BALACLAVA	1691813	323164	5806675		5.81	5.76	5.71	5.60	0.2	1.00	0.21	1	5.769	-0.04	0.01	0.06	2	
123	CARLISLE	ST	BALACLAVA	1691814	323177	5806678		5.86	5.81	5.76	5.60	0.3	1.00	0.26	1	5.859	-0.09	0.05	0.10	2	
124	CARLISLE	ST	ST KILDA	1691815	322921	5806748		5.58	5.54	5.49	5.00	0.6	0.60	0.35	1	5.177	-0.41	-0.36	-0.31	4	
126	CARLISLE	ST	ST KILDA	1691816	322935	5806746		5.60	5.55	5.50	5.00	0.6	0.60	0.36	1	5.06	-0.54	-0.49	-0.44	4	
129	CARLISLE	ST	BALACLAVA	1691817	323190	5806675		5.95	5.90	5.85	5.70	0.3	1.00	0.25	1						
130	CARLISLE	ST	ST KILDA	1691818	322945	5806745		5.61	5.56	5.46	5.00	0.6	0.60	0.36	1	5.387	-0.22	-0.17	-0.07	4	
132	CARLISLE	ST	ST KILDA	68551	322953	5806745		5.61	5.56	5.46	5.00	0.6	0.60	0.37	1	5.139	-0.47	-0.42	-0.32	4	
132	CARLISLE	ST	ST KILDA					5.61	5.56	5.46	5.00	0.6	0.60	0.37	1	5.125	-0.49	-0.44	-0.34	4	
133	CARLISLE	ST	BALACLAVA	1691824	323199	5806673		5.95	5.89	5.79	5.70	0.2	0.70	0.17	1	5.917	-0.03	0.02	0.12	2	
134	CARLISLE	ST	ST KILDA	68552	322957	5806744		5.62	5.57	5.47	5.10	0.5	0.60	0.31	1						
135	CARLISLE	ST	BALACLAVA	1937282	323207	5806672		5.98	5.93	5.83	5.70	0.3	0.70	0.20	1	5.921	-0.06	-0.01	0.09	3	
137	CARLISLE	ST	BALACLAVA	1691828	323213	5806671		6.01	5.96	5.91	5.80	0.2	0.70	0.14	1	5.987	-0.02	0.03	0.08	2	
139	CARLISLE	ST	BALACLAVA	1691829	323218	5806671		6.03	5.98	5.93	5.80	0.2	0.70	0.16	1	6.009	-0.02	0.03	0.08	2	
141	CARLISLE	ST	BALACLAVA	1691830	323223	5806670		6.05	6.00	5.95	5.80	0.2	0.70	0.17	1	6.004	-0.05	0.00	0.05	2	
143	CARLISLE	ST	BALACLAVA	1691831	323228	5806670		6.07	6.02	5.97	5.80	0.3	0.70	0.19	1	6.029	-0.04	0.01	0.06	2	
145	CARLISLE	ST	BALACLAVA	1691832	323235	5806669		6.10	6.05	6.00	5.80	0.3	0.70	0.21	1	6.039	-0.06	-0.01	0.04	3	
147	CARLISLE	ST	BALACLAVA	1691833	323245	5806669		6.14	6.09	6.04	5.80	0.3	0.70	0.24	1	5.939	-0.20	-0.15	-0.10	4	
147	CARLISLE	ST	BALACLAVA	1691834	323244	5806664		6.14	6.09	6.04	5.80	0.3	0.70	0.24	1	5.939	-0.20	-0.15	-0.10	4	
149	CARLISLE	ST	BALACLAVA	1691835	323253	5806663		6.18	6.13	6.08	5.90	0.3	0.70	0.20	1	6.099	-0.08	-0.03	0.02	3	
149	CARLISLE	ST	BALACLAVA	1691836	323253	5806669		6.14	6.09	6.04	5.90	0.2	0.70	0.17	1						
150	CARLISLE	ST	ST KILDA	52359	322987	5806740															
150	CARLISLE	ST	ST KILDA	52364	322987	5806740															
151	CARLISLE	ST	BALACLAVA	1691838	323252	5806658		6.18	6.13	6.08	6.00	0.2	0.70	0.13	1	6.087	-0.09	-0.04	0.01	3	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
153	CARLISLE	ST	BALACLAVA	1691840	323261	5806662		6.22	6.17	6.12	6.00	0.2	0.70	0.15	1	6.092	[illegible]2	-0.07	-0.02	4	
155	CARLISLE	ST	BALACLAVA	1691841	323266	5806661		6.24	6.19	6.14	6.00	0.2	0.70	0.17	1	6.099	[illegible]4	-0.09	-0.04	4	
156	CARLISLE	ST	ST KILDA	52360	323023	5806734		5.64	5.59	5.49	5.20	0.4	0.80	0.35	1	5.394	[illegible]25	-0.20	-0.10	4	
156	CARLISLE	ST	ST KILDA	52361	323018	5806735		5.64	5.59	5.49	5.20	0.4	0.80	0.35	1	5.414	-0.23	-0.18	-0.08	4	
156	CARLISLE	ST	ST KILDA	52365	323023	5806734		5.64	5.59	5.49	5.20	0.4	0.80	0.35	1	5.351	-0.29	-0.24	-0.14	4	
157	CARLISLE	ST	BALACLAVA	1691844	323272	5806661		6.26	6.21	6.16	6.00	0.3	1.00	0.26	1	6.089	[illegible]17	-0.12	-0.07	4	
158	CARLISLE	ST	ST KILDA	52362	323027	5806734		5.65	5.60	5.50	5.20	0.5	0.90	0.41	2						
159	CARLISLE	ST	BALACLAVA	1691846	323294	5806660		6.37	6.23	6.13	6.00	0.4	1.00	0.37	1	6.341	-0.03	0.11	0.21	2	
160	CARLISLE	ST	ST KILDA	1937283	323035	5806733		5.65	5.60	5.50	5.20	0.5	0.90	0.41	2						
162	CARLISLE	ST	ST KILDA	1937284	323049	5806730		5.67	5.62	5.62	5.20	0.5	1.00	0.47	2	5.517	[illegible]15	-0.10	-0.10	4	
162	CARLISLE	ST	ST KILDA	1691852	323054	5806729		5.66	5.61	5.61	5.20	0.5	1.00	0.46	2	5.574	[illegible]09	-0.04	-0.04	4	
163	CARLISLE	ST	BALACLAVA	1691856	323305	5806653		6.43	6.29	6.20	6.20	0.2	1.00	0.23	1	6.171	[illegible]26	-0.12	-0.03	4	
164	CARLISLE	ST	ST KILDA	1691857	323065	5806729		5.69	5.64	5.64	5.20	0.5	1.00	0.49	2	5.614	[illegible]08	-0.03	-0.03	4	
165	CARLISLE	ST	BALACLAVA	1691858	323310	5806657		6.46	6.32	6.23	6.20	0.3	1.00	0.26	1	6.377	[illegible]08	0.06	0.15	2	
167	CARLISLE	ST	BALACLAVA	1691860	323313	5806652		6.48	6.34	6.25	6.20	0.3	1.00	0.28	1	6.219	[illegible]26	-0.12	-0.03	4	
171	CARLISLE	ST	BALACLAVA	1691861	323318	5806656		6.50	6.36	6.28	6.30	0.2	1.00	0.20	1	6.469	[illegible]31	0.10	0.19	2	
172	CARLISLE	ST	ST KILDA	1691862	323077	5806727		5.71	5.52	5.38	5.40	0.3	0.90	0.28	1	5.552	[illegible]16	0.03	0.17	2	
173	CARLISLE	ST	BALACLAVA	1691863	323323	5806650		6.53	6.40	6.31	6.30	0.2	1.00	0.23	1	6.329	6.20	-0.07	0.02	3	
175	CARLISLE	ST	BALACLAVA	1691864	323328	5806655		6.55	6.42	6.34	6.30	0.3	1.00	0.25	1	6.414	-6.14	-0.01	0.07	3	
177	CARLISLE	ST	BALACLAVA	1691865	323335	5806649		6.59	6.47	6.39	6.30	0.3	1.00	0.29	1	6.382	-6.21	-0.08	0.00	4	
178	CARLISLE	ST	ST KILDA	1691866	323081	5806727		5.72	5.67	5.67	5.40	0.3	1.00	0.32	1	5.479	[illegible]24	-0.19	-0.19	4	
180	CARLISLE	ST	ST KILDA	1691867	323086	5806726		5.73	5.68	5.68	5.40	0.3	0.90	0.30	1	5.626	[illegible]10	-0.05	-0.05	4	
181	CARLISLE	ST	BALACLAVA	1691868	323343	5806653		6.63	6.51	6.43	6.40	0.2	1.00	0.23	1	6.532	[illegible]10	0.03	0.10	2	
183	CARLISLE	ST	BALACLAVA	1691869	323349	5806647		6.67	6.55	6.47	6.40	0.3	1.00	0.27	1	6.569	[illegible]10	0.02	0.10	2	
184	CARLISLE	ST	ST KILDA	1691870	323092	5806725		5.74	5.69	5.69	5.40	0.3	0.90	0.31	1	5.531	[illegible]21	-0.16	-0.16	4	
185	CARLISLE	ST	BALACLAVA	1691871	323355	5806651		6.70	6.58	6.50	6.40	0.3	1.00	0.30	1	6.609	[illegible]09	0.03	0.11	2	
185	CARLISLE	ST	BALACLAVA	1691872	323355	5806641		6.70	6.58	6.51	6.40	0.3	1.00	0.30	1	6.599	[illegible]11	0.02	0.09	2	
186	CARLISLE	ST	ST KILDA	1691873	323100	5806723		5.75	5.70	5.65	5.40	0.4	1.00	0.35	1	5.643	[illegible]11	-0.06	-0.01	4	
187	CARLISLE	ST	BALACLAVA	1937285	323360	5806650		6.72	6.60	6.53	6.40	0.3	1.00	0.32	1	6.559	[illegible]17	-0.05	0.02	3	
188	CARLISLE	ST	ST KILDA	1691876	323100	5806728		5.75	5.70	5.65	5.40	0.4	1.00	0.35	1	5.619	[illegible]13	-0.08	-0.03	4	
189	CARLISLE	ST	BALACLAVA	1691877	323360	5806640		6.73	6.50	6.36	6.40	0.3	1.00	0.33	1	6.647	[illegible]38	0.14	0.28	2	
190	CARLISLE	ST	ST KILDA	1691878	323101	5806732		5.75	5.70	5.65	5.40	0.4	1.00	0.35	1	5.599	[illegible]15	-0.10	-0.05	4	
191	CARLISLE	ST	BALACLAVA	1691879	323365	5806650		6.75	6.63	6.57	6.50	0.3	1.00	0.25	1	6.732	[illegible]02	0.10	0.17	2	
191	CARLISLE	ST	BALACLAVA	1691880	323365	5806640		6.76	6.64	6.57	6.50	0.3	1.00	0.26	1	6.732	[illegible]02	0.09	0.16	2	
192	CARLISLE	ST	BALACLAVA	1937286	323142	5806718		5.85	5.78	5.72	5.60	0.2	1.00	0.25	1	5.527	[illegible]26	-0.25	-0.19	4	
193	CARLISLE	ST	BALACLAVA	1691883	323373	5806649		6.79	6.68	6.61	6.50	0.3	1.00	0.29	1	6.712	[illegible]24	0.03	0.10	2	
195	CARLISLE	ST	BALACLAVA	1691884	323377	5806643		6.82	6.71	6.64	6.50	0.3	1.00	0.32	1	6.725	[illegible]09	0.02	0.08	2	
196	CARLISLE	ST	BALACLAVA	1691885	323150	5806716		5.87	5.80	5.74	5.60	0.3	1.00	0.27	1	5.538	[illegible]13	-0.26	-0.20	4	
197	CARLISLE	ST	BALACLAVA	1691886	323381	5806648		6.84	6.72	6.66	6.60	0.2	1.00	0.24	1	6.725	[illegible]11	0.00	0.06	2	
199	CARLISLE	ST	BALACLAVA	1691887	323385	5806641		6.86	6.72	6.68	6.60	0.3	1.00	0.26	1	6.822	[illegible]04	0.10	0.14	2	
200	CARLISLE	ST	BALACLAVA	1691888	323155	5806718		5.89	5.81	5.75	5.60	0.3	1.00	0.29	1	5.657	-0.23	-0.16	-0.09	4	
200	CARLISLE	ST	BALACLAVA	1691889	323161	5806714		5.89	5.81	5.75	5.60	0.3	1.00	0.29	1						
201	CARLISLE	ST	BALACLAVA	1691890	323389	5806646		6.88	6.77	6.71	6.60	0.3	1.00	0.28	1	6.892	[illegible]01	0.12	0.18		
202	CARLISLE	ST	BALACLAVA	1691891	323166	5806717		5.92	5.84	5.78	5.60	0.3	1.00	0.32	1	5.607	[illegible]22	-0.23	-0.17	4	
203	CARLISLE	ST	BALACLAVA	1691892	323393	5806641		6.90	6.80	6.74	6.60	0.3	1.10	0.33	1	6.92	[illegible]02	0.12	0.18		
204	CARLISLE	ST	BALACLAVA	1691893	323171	5806713		5.93	5.85	5.78	5.60	0.3	1.00	0.33	1	5.608	[illegible]33	-0.24	-0.17	4	
205	CARLISLE	ST	BALACLAVA	1691894	323400	5806643		6.94	6.83	6.78	6.60	0.3	1.10	0.37	1	6.892	-0.05	0.06	0.11	2	
206	CARLISLE	ST	BALACLAVA	1691895	323197	5806710		6.01	5.91	5.84	5.70	0.3	1.00	0.31	1	5.709	[illegible]30	-0.20	-0.13	4	
207	CARLISLE	ST	BALACLAVA	1691896	323402	5806639															
208	CARLISLE	ST	BALACLAVA	1691897	323207	5806709		6.04	5.94	5.86	5.80	0.2	1.00	0.24	1	5.794	[illegible]24	-0.14	-0.07	4	
209	CARLISLE	ST	BALACLAVA	1691898	323420	5806641		7.09	6.99	6.84	6.80	0.3	1.20	0.35	1	7.086	[illegible]00	0.09	0.25	2	
211	CARLISLE	ST	BALACLAVA	1691899	323429	5806638		7.19	7.09	6.94	7.00	0.2	1.20	0.23	1	7.118	[illegible]07	0.03	0.18	2	
213	CARLISLE	ST	BALACLAVA	1691900	323433	5806644		7.23	7.13	6.98	7.00	0.2	1.20	0.27	1	7.123	[illegible]10	0.00	0.15	3	
215	CARLISLE	ST	BALACLAVA	1691901	323436	5806641		7.26	7.16	7.01	7.00	0.3	1.20	0.31	1	7.243	[illegible]02	0.08	0.23	2	
217	CARLISLE	ST	BALACLAVA	1691902	323438	5806635		7.29	7.19	7.04	7.00	0.3	1.30	0.38	1	7.081	6.21	-0.11	0.04	3	
219	CARLISLE	ST	BALACLAVA	1691903	323444	5806635		7.35	7.25	7.10	7.00	0.4	1.40	0.50	2	7.243	-6.11	-0.01	0.14	3	
220	CARLISLE	ST	BALACLAVA	1937287	323214	5806707		6.06	5.95	5.87	5.80	0.3	1.00	0.26	1	5.887	[illegible]17	-0.06	0.01	3	
221	CARLISLE	ST	BALACLAVA	1691906	323450	5806638		7.41	7.31	7.16	7.00	0.4	1.50	0.62	2	7.213	[illegible]20	-0.10	0.05	3	
223	CARLISLE	ST	BALACLAVA	1691907	323455	5806634		7.47	7.37	7.22	7.10	0.4	1.60	0.60	2	7.213	[illegible]26	-0.16	-0.01	4	
224	CARLISLE	ST	BALACLAVA	1691908	323240	5806705		6.20	6.07	5.98	5.80	0.4	1.00	0.40	1						
225	CARLISLE	ST	BALACLAVA	1691909	323463	5806637		7.70	7.60	7.45	7.20	0.5	1.60	0.80	2						
228	CARLISLE	ST	BALACLAVA	1937288	323251	5806702		6.25	6.11	6.01	6.00	0.3	1.00	0.25	1						
229	CARLISLE	ST	BALACLAVA	1691927	323537	5806636		8.50	8.44	8.24	7.20	1.3	1.70	2.20	3	7.413	[illegible]08	-1.03	-0.83	4	
231	CARLISLE	ST	BALACLAVA	1691928	323543	5806637		8.57	8.50	8.30	7.60	1.0	1.70	1.64	3	7.478	[illegible]59	-1.02	-0.82	4	
234	CARLISLE	ST	BALACLAVA	1691929	323262	5806700		6.20	6.07	5.98	6.00	0.2	1.00	0.20	1	5.889	[illegible]31	-0.18	-0.09	4	
235	CARLISLE	ST	BALACLAVA	1691930	323548	5806637		8.62	8.54	8.34	7.60	1.0	1.70	1.73	3	7.551	[illegible]07	-0.99	-0.79	4	
236	CARLISLE	ST	BALACLAVA	1691931	323268	5806699		6.22	6.09	5.99	6.00	0.2	1.00	0.22	1	6.199	[illegible]02	0.11	0.21	2	
237	CARLISLE	ST	BALACLAVA	1691932	323551	5806637		8.65	8.57	8.37	7.40	1.2	1.70	2.12	3	7.565	[illegible]08	-1.00	-0.80	4	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V^D Product	Floodway Safety Risk	Floor Level	100 yr Flood	50 yr Flood	20 yr Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
238	CARLISLE	ST	BALACLAVA	1691933	323274	5806699		6.25	6.11	6.01	6.00	0.2	1.00	0.25	1	6.149	-0.10	0.04	0.14	2	
238	CARLISLE	ST	BALACLAVA	1691934	323279	5806705		6.25	6.11	6.01	6.00	0.2	1.00	0.25	1						
239	CARLISLE	ST	BALACLAVA	1691935	323503	5806631		8.12	8.11	7.91	7.40	0.7	1.70	1.22	3	7.7	-0.42	-0.41	-0.21	4	
240	CARLISLE	ST	BALACLAVA	1691936	323280	5806698		6.27	6.13	6.03	6.00	0.3	1.00	0.27	1	6.169	-0.11	0.04	0.14	2	
241	CARLISLE	ST	BALACLAVA	1691937	323508	5806631		8.17	8.16	7.96	7.50	0.7	1.70	1.14	3	7.783	-0.39	-0.37	-0.17	4	
242	CARLISLE	ST	BALACLAVA	1691938	323287	5806697		6.31	6.16	6.06	6.00	0.3	1.00	0.31	1	6.064	-0.24	-0.09	0.01	3	
243	CARLISLE	ST	BALACLAVA	1691939	323513	5806635		8.24	8.22	8.02	7.60	0.6	1.70	1.09	3	7.771	-0.47	-0.45	-0.25	4	
243	CARLISLE	ST	BALACLAVA	1691940	323513	5806640		8.24	8.22	8.02	7.60	0.6	1.70	1.09	3						
244	CARLISLE	ST	BALACLAVA	1691941	323294	5806696		6.34	6.20	6.10	6.00	0.3	1.00	0.34	1	6.099	-0.24	-0.10	0.00	4	
245	CARLISLE	ST	BALACLAVA	1691943	323518	5806630		8.27	8.24	8.04	7.60	0.7	1.70	1.14	3	7.858	-0.41	-0.38	-0.18	4	
246	CARLISLE	ST	BALACLAVA	1937289	323302	5806695		6.39	6.24	6.15	6.10	0.3	1.00	0.29	1	6.149	-0.24	-0.09	0.00	3	
247	CARLISLE	ST	BALACLAVA	1691953	323523	5806629		8.30	8.27	8.07	7.70	0.6	1.70	1.02	3						
249	CARLISLE	ST	BALACLAVA	1691954	323528	5806628		8.36	8.32	8.12	7.70	0.7	1.70	1.13	3	8.151	-0.21	-0.17	0.03	3	
250	CARLISLE	ST	BALACLAVA	1691955	323312	5806694		6.44	6.30	6.21	6.20	0.2	1.00	0.24	1	6.149	-0.29	-0.15	-0.06	4	
251	CARLISLE	ST	BALACLAVA	1691956	323533	5806628		8.41	8.37	8.17	7.80	0.6	1.70	1.04	3	8.141	-0.27	-0.23	-0.03	4	
253	CARLISLE	ST	BALACLAVA	1691957	323539	5806627		8.47	8.42	8.22	7.80	0.7	1.70	1.14	3	8.141	-0.33	-0.27	-0.07	4	
254	CARLISLE	ST	BALACLAVA	1691958	323319	5806693		6.48	6.34	6.25	6.20	0.3	1.00	0.28	1	6.152	-0.33	-0.19	-0.10	4	
255	CARLISLE	ST	BALACLAVA	1691960	323544	5806626		8.52	8.46	8.26	7.80	0.7	1.70	1.22	3	8.151	-0.37	-0.31	-0.11	4	
256	CARLISLE	ST	BALACLAVA	1691961	323325	5806692		6.51	6.38	6.52	6.20	0.3	1.00	0.31	1	6.179	-0.33	-0.20	-0.34	4	
257	CARLISLE	ST	BALACLAVA	1691962	323549	5806625		8.56	8.50	8.30	8.00	0.6	1.70	0.96	3	8.369	-0.20	-0.13	0.07	3	
258	CARLISLE	ST	BALACLAVA	1691963	323331	5806691		6.54	6.41	6.33	6.20	0.3	1.00	0.34	1	6.219	-0.32	-0.19	-0.11	4	
259	CARLISLE	ST	BALACLAVA	1691964	323554	5806625		8.62	8.54	8.34	8.00	0.6	1.70	1.05	3	8.311	-0.31	-0.23	-0.03	4	
260	CARLISLE	ST	BALACLAVA	51383	323338	5806690		6.59	6.46	6.38	6.30	0.3	1.00	0.29	1	6.176	-0.41	-0.28	-0.21	4	
260	CARLISLE	ST	ST KILDA EAST	51384	323338	5806690		6.59	6.46	6.38	6.30	0.3	1.00	0.29	1						
261	CARLISLE	ST	BALACLAVA	1691966	323559	5806623		8.66	8.58	8.38	8.00	0.7	1.70	1.12	3	8.462	-0.20	-0.12	0.08	3	
262	CARLISLE	ST	BALACLAVA	51472	323344	5806689		6.62	6.49	6.42	6.30	0.3	1.00	0.32	1	6.281	-0.33	-0.21	-0.13	4	
263	CARLISLE	ST	BALACLAVA	1691968	323581	5806619		8.80	8.70	8.50	8.20	0.6	1.70	1.02	3	8.641	-0.16	-0.06	0.14	3	
264	CARLISLE	ST	BALACLAVA	1937290	323351	5806688		6.65	6.53	6.45	6.40	0.3	1.00	0.25	1	6.382	-0.27	-0.14	-0.07	4	
267	CARLISLE	ST	BALACLAVA	1691971	323591	5806622		8.81	8.51	8.51	8.60	0.2	1.70	0.36	1	8.719	-0.09	0.21	0.21	2	
269	CARLISLE	ST	BALACLAVA	1691972	323593	5806616		8.81	8.51	8.51	8.70	0.1	1.60	0.18	1						
270	CARLISLE	ST	BALACLAVA	1691973	323357	5806687		6.68	6.56	6.49	6.40	0.3	1.00	0.28	1	6.342	-0.34	-0.22	-0.15	4	
271	CARLISLE	ST	BALACLAVA	1691974	323600	5806617		8.90	8.64	8.59	8.60	0.3	1.70	0.52	2	8.739	-0.16	0.10	0.15	2	
271	CARLISLE	ST	BALACLAVA	1691975	323600	5806607															
272	CARLISLE	ST	BALACLAVA	1691976	323361	5806686		6.70	6.58	6.51	6.40	0.3	1.00	0.30	1						
274	CARLISLE	ST	BALACLAVA	1691977	323365	5806683		6.73	6.61	6.54	6.40	0.3	1.10	0.36	1	6.432	-0.20	-0.18	-0.11	4	
275	CARLISLE	ST	BALACLAVA	1691978	323607	5806616		8.97	8.72	8.65	8.60	0.4	1.60	0.59	2	8.881	-0.69	0.16	0.23	2	
276	CARLISLE	ST	BALACLAVA	1691979	323370	5806686		6.75	6.63	6.57	6.40	0.4	1.10	0.39	1	6.442	-0.31	-0.19	-0.12	4	
277	CARLISLE	ST	BALACLAVA	1937291	323612	5806616		9.02	8.78	8.75	8.60	0.4	1.60	0.66	2	8.751	-0.26	-0.03	0.01	3	
279	CARLISLE	ST	BALACLAVA	1691982	323617	5806615		9.06	8.85	8.81	8.70	0.4	1.50	0.54	2	9.079	0.02	0.23	0.27		
280	CARLISLE	ST	BALACLAVA	1691983	323375	5806683		6.78	6.67	6.60	6.50	0.3	1.20	0.34	1	6.459	-0.32	-0.21	-0.14	4	
281	CARLISLE	ST	BALACLAVA	1937292	323623	5806615		9.12	8.92	8.89	8.80	0.3	1.50	0.48	2	8.891	-0.23	-0.03	0.01	3	
281	CARLISLE	ST	BALACLAVA	1691984	323622	5806609		9.12	8.92	8.89	8.80	0.3	1.50	0.48	2						
282	CARLISLE	ST	BALACLAVA	1691987	323395	5806679		6.89	6.78	6.72	6.80	0.1	1.00	0.09	1	6.885	0.00	0.10	0.16	2	
283	CARLISLE	ST	BALACLAVA	1691988	323631	5806614		9.00	8.76	8.73	8.90	0.1	1.40	0.14	1	9.076	0.08	0.31	0.35		1st Block East of #281 Carlisle
283	CARLISLE	ST	BALACLAVA	1691989	323630	5806610		9.00	8.76	8.73	8.90	0.1	1.40	0.14	1						
283	CARLISLE	ST	BALACLAVA	1691990	323630	5806602		9.00	8.76	8.73	8.90	0.1	1.40	0.14	1						
285	CARLISLE	ST	BALACLAVA	1937293	323639	5806605		9.10	8.89	8.86	9.00	0.1	1.40	0.14	1	9.161	0.06	0.27	0.30		1st Block East of #281 Carlisle
285	CARLISLE	ST	BALACLAVA	1692005	323640	5806613		9.10	8.89	8.86	9.00	0.1	1.40	0.14	1						
286	CARLISLE	ST	BALACLAVA	1692006	323402	5806682		6.92	6.82	6.76	6.90	0.0	1.20	0.03	1	6.822	-0.10	0.00	0.06	2	
287	CARLISLE	ST	BALACLAVA	1692007	323649	5806611		9.40	9.29	9.28	9.20	0.2	1.40	0.28	1	9.119	-0.28	-0.17	-0.16	4	3rd Block East of #281 Carlisle
287	CARLISLE	ST	BALACLAVA	1692009	323649	5806604		9.40	9.29	9.28	9.20	0.2	1.40	0.28	1	9.424	0.02	0.14	0.15		1st Block west of #289 Carlisle
288	CARLISLE	ST	BALACLAVA	1692010	323405	5806677		6.94	6.84	6.78	6.80	0.1	1.30	0.18	1	6.903	-0.04	0.07	0.12	2	
289	CARLISLE	ST	BALACLAVA	1692011	323659	5806610		9.47	9.37	9.37	9.40	0.1	1.40	0.09	1	9.213	-0.25	-0.16	-0.15	4	4th Block East of #281 Carlisle
289	CARLISLE	ST	BALACLAVA		323659	5806610		9.47	9.37	9.37	9.40	0.1	1.40	0.09	1	9.414	-0.05	0.04	0.05	2	
290	CARLISLE	ST	BALACLAVA	1692012	323424	5806674		7.09	6.99	6.84	7.00	0.1	1.40	0.13	1	7.077	-0.01	0.09	0.24	2	
290	CARLISLE	ST	BALACLAVA	1692013	323425	5806682		7.09	6.99	6.84	7.00	0.1	1.40	0.13	1	7.042	-0.05	0.05	0.20	2	
291	CARLISLE	ST	BALACLAVA	1692014	323690	5806606		9.90	9.85	9.85	9.60	0.3	1.40	0.42	2	9.293	-0.61	-0.56	-0.56	4	5th Block East of #281 Carlisle
292	CARLISLE	ST	BALACLAVA	1692018	323435	5806676		7.20	7.10	6.95	7.00	0.2	1.40	0.29	1	7.04	-0.16	-0.06	0.09	3	
292	CARLISLE	ST	BALACLAVA	1937294	323435	5806686															
293	CARLISLE	ST	BALACLAVA	1692019	323713	5806605		10.20	10.15	10.15	10.00	0.2	1.30	0.26	1	9.314	-0.89	-0.84	-0.84	4	6th Block East of #281 Carlisle
293	CARLISLE	ST	BALACLAVA		323713	5806605		10.20	10.15	10.15	10.00	0.2	1.30	0.26	1	10.353	0.15	0.20	0.20		
294	CARLISLE	ST	BALACLAVA	1692020	323440	5806676		7.26	7.16	7.01	7.00	0.3	1.50	0.39	1	7.099	-0.16	-0.06	0.09	3	
295	CARLISLE	ST	BALACLAVA					10.20	10.15	10.15	10.00	0.2	1.30	0.26	1	9.331	-0.87	-0.82	-0.82	4	7th Block East of #281 Carlisle
296	CARLISLE	ST	BALACLAVA	1692021	323449	5806681		7.35	7.25	7.10	7.00	0.3	1.50	0.52	2	7.292	-0.05	0.05	0.20	2	#296 Carlisle?
297	CARLISLE	ST	BALACLAVA	1692022	323732	5806603		10.60	10.55	10.55	10.40	0.2	1.30	0.26	1	9.346	-1.25	-1.20	-1.20	4	8th Block East of #281 Carlisle
298	CARLISLE	ST	BALACLAVA	1692023	323455	5806675		7.42	7.32	7.17	7.10	0.3	1.60	0.51	2	7.352	-0.06	0.04	0.19	2	
300	CARLISLE	ST	BALACLAVA	1692024	323460	5806674		7.47	7.37	7.22	7.10	0.4	1.60	0.60	2	7.35	-0.12	-0.02	0.13	3	
301	CARLISLE	ST	BALACLAVA	1937295	323751	5806598		10.90	10.85	10.85	10.40	0.5	1.20	0.60	2						

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
302	CARLISLE	ST	BALACLAVA	1692032	323467	5806673		7.55	7.45	7.30	7.20	0.3	1.70	0.59	2	7.45	-0.13	0.00	0.15	2	
303	CARLISLE	ST	BALACLAVA	1692033	323799	5806591															
304	CARLISLE	ST	BALACLAVA	1937296	323469	5806673		7.57	7.47	7.32	7.20	0.4	1.70	0.63	2	7.35	-0.22	-0.12	0.03	3	
305	CARLISLE	ST	BALACLAVA	1692037	323832	5806586		11.40	11.35	11.25	11.00	0.4	1.40	0.56	2						
308	CARLISLE	ST	BALACLAVA	1692038	323506	5806669															
309	CARLISLE	ST	BALACLAVA	1937297	323848	5806585		12.00	11.95	11.85	11.60	0.4	1.40	0.56	2						
311	CARLISLE	ST	BALACLAVA	1937298	323868	5806581		12.40	12.35	12.25	12.00	0.4	1.40	0.56	2						
313	CARLISLE	ST	BALACLAVA	1692070	323889	5806579		12.70	12.65	12.55	12.20	0.5	1.40	0.70	2						
315	CARLISLE	ST	BALACLAVA	1692071	323903	5806577		13.00	12.95	12.85	12.40	0.6	1.40	0.84	3						
316	CARLISLE	ST	BALACLAVA	1692072	323536	5806664		8.61	8.53	8.43	8.40	0.2	1.70	0.35	1	8.178	-0.43	-0.36	-0.26	4	
320	CARLISLE	ST	BALACLAVA	1937299	323556	5806661		8.70	8.61	8.51	8.40	0.3	1.70	0.51	2	8.124	-0.58	-0.49	-0.39	4	
320	CARLISLE	ST	BALACLAVA		323556	5806661		8.70	8.61	8.51	8.40	0.3	1.70	0.51	2	8.211	-0.49	-0.40	-0.30	4	2nd Shop? Location Unknown
320	CARLISLE	ST	BALACLAVA		323556	5806661		8.70	8.61	8.51	8.40	0.3	1.70	0.51	2	8.213	-0.49	-0.40	-0.30	4	3rd Shop? Location Unknown
320	CARLISLE	ST	BALACLAVA		323556	5806661		8.70	8.61	8.51	8.40	0.3	1.70	0.51	2	8.233	-0.47	-0.38	-0.28	4	4th Shop? Location Unknown
322	CARLISLE	ST	BALACLAVA	1692086	323592	5806654		8.70	8.61	8.51	8.40	0.3	1.70	0.51	2						
322	CARLISLE	ST	BALACLAVA	1692087	323587	5806659		8.80	8.70	8.60	8.50	0.3	1.70	0.51	2	13.101	4.30	4.40	4.50		
324	CARLISLE	ST	BALACLAVA	1692088	323596	5806657		8.80	8.70	8.60	8.60	0.2	1.70	0.34	1	8.511	-0.29	-0.19	-0.09	4	
326	CARLISLE	ST	BALACLAVA	1692089	323599	5806652		8.80	8.70	8.60	8.60	0.2	1.70	0.34	1	13.101	4.39	4.40	4.50		
326	CARLISLE	ST	BALACLAVA	1692090	323605	5806655		8.80	8.70	8.60	8.70	0.1	1.70	0.17	1	13.101	4.31	4.40	4.50		
328	CARLISLE	ST	BALACLAVA	1692091	323609	5806655		8.90	8.79	8.69	8.80	0.1	1.70	0.17	1	13.101	4.20	4.31	4.41		
328	CARLISLE	ST	BALACLAVA	1692092	323613	5806654		9.00	8.87	8.77	8.80	0.2	1.70	0.34	1	13.101	4.10	4.23	4.33		
330	CARLISLE	ST	BALACLAVA	1692093	323618	5806654		9.10	8.96	8.86	8.80	0.3	1.70	0.51	2	13.101	4.00	4.14	4.24		
330	CARLISLE	ST	BALACLAVA	1692094	323623	5806653		9.20	9.05	8.95	8.90	0.3	1.70	0.51	2	13.101	3.90	4.06	4.16		
332	CARLISLE	ST	BALACLAVA	1937300	323636	5806651		9.30	9.13	9.03	9.00	0.3	1.60	0.48	2						
334	CARLISLE	ST	BALACLAVA	1692097	323649	5806649		9.40	9.22	9.12	9.10	0.3	1.50	0.45	2						
336	CARLISLE	ST	BALACLAVA	1692098	323660	5806647		9.54	9.34	9.24	9.20	0.3	1.40	0.48	2						
338	CARLISLE	ST	BALACLAVA	1692099	323688	5806644		9.70	9.65	9.55	9.60	0.1	1.40	0.14	1						
340	CARLISLE	ST	BALACLAVA	1937301	323712	5806641		9.90	9.85	9.75	9.80	0.1	1.40	0.14	1						
342	CARLISLE	ST	BALACLAVA	1692112	323720	5806641		10.10	10.05	9.95	10.00	0.1	1.40	0.14	1						
360	CARLISLE	ST	BALACLAVA	1692118	323743	5806636		10.40	10.35	10.25	10.30	0.1	1.40	0.14	1						
362	CARLISLE	ST	BALACLAVA	1937302	323791	5806630		10.80	10.75	10.65	10.70	0.1	1.40	0.14	1						
362	CARLISLE	ST	BALACLAVA	1692131	323759	5806633		11.00	10.95	10.85	10.90	0.1	1.40	0.14	1						
364	CARLISLE	ST	BALACLAVA	1937303	323805	5806628		11.30	11.25	11.15	11.10	0.2	1.40	0.28	1						
364	CARLISLE	ST	BALACLAVA	1937304	323819	5806626		11.30	11.25	11.15	11.10	0.2	1.40	0.28	1						
366	CARLISLE	ST	BALACLAVA	1692152	323837	5806623		11.70	11.65	11.55	11.60	0.1	1.40	0.14	1						
366	CARLISLE	ST	BALACLAVA	1692153	323838	5806633		11.90	11.85	11.75	11.60	0.3	1.40	0.42	2						
378	CARLISLE	ST	BALACLAVA	1937305	323855	5806620		12.10	12.05	11.95	12.00	0.1	1.40	0.14	1						
380	CARLISLE	ST	BALACLAVA	1692163	323873	5806617		12.30	12.25	12.15	12.20	0.1	1.40	0.14	1						
382	CARLISLE	ST	BALACLAVA	1692164	323891	5806615		12.60	12.55	12.45	12.40	0.2	1.40	0.28	1						
384	CARLISLE	ST	BALACLAVA	1692165	323908	5806612		13.00	12.95	12.85	12.60	0.4	1.40	0.56	2	13.101	0.10	0.15	0.25		
	CARLISLE	ST	ST KILDA					3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.589	-0.11	-0.01	0.09	3	5/17 Carlisle St
	CARLISLE	ST	ST KILDA					3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.559	-0.14	-0.04	0.06	3	6/17 Carlisle St
	CARLISLE	ST	ST KILDA					3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.672	-0.03	0.07	0.17	2	4/17 Carlisle St
26	CARLISLE	STREET	ST KILDA	1691596	322341	5806833															
28	CARLISLE	STREET	ST KILDA	38053	322354	5806831															
30	CARLISLE	STREET	ST KILDA	1691604	322368	5806829															
32	CARLISLE	STREET	ST KILDA	1691606	322384	5806827															
35	CARLISLE	STREET	ST KILDA	1691608	322347	5806796															
37	CARLISLE	STREET	ST KILDA	1691609	322363	5806794															
40	CARLISLE	STREET	ST KILDA	1691611	322401	5806824															
44	CARLISLE	STREET	ST KILDA	1691615	322434	5806819															
45	CARLISLE	STREET	ST KILDA	1691616	322402	5806788															
46	CARLISLE	STREET	ST KILDA	1691617	322444	5806818															
47	CARLISLE	STREET	ST KILDA	1691618	322408	5806787															
48	CARLISLE	STREET	ST KILDA	1691619	322454	5806816															
49	CARLISLE	STREET	ST KILDA	1691620	322416	5806787															
50	CARLISLE	STREET	ST KILDA	51166	322488	5806812.03															
51	CARLISLE	STREET	ST KILDA	1691643	322431	5806784															
52	CARLISLE	STREET	ST KILDA	1691644	322502	5806810															
53	CARLISLE	STREET	ST KILDA	1691645	322443	5806782															
54	CARLISLE	STREET	ST KILDA	1691646	322509	5806809															
54	CARLISLE	STREET	ST KILDA	1691647	322516	5806808															
55	CARLISLE	STREET	ST KILDA	1691648	322454	5806781															
56	CARLISLE	STREET	ST KILDA	51533	322527.01	5806806.02															
58	CARLISLE	STREET	ST KILDA	1691663	322538	5806804															
60	CARLISLE	STREET	ST KILDA	23472	322553.01	5806801.98															
61	CARLISLE	STREET	ST KILDA	1691678	322493	5806775															
62	CARLISLE	STREET	ST KILDA	1691679	322567	5806800															

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
66	CARLISLE	STREET	ST KILDA	1691705	322594	5806797															
66	CARLISLE	STREET	ST KILDA	1691706	322596	5806827															
67	CARLISLE	STREET	ST KILDA	1691707	322536	5806768															
69	CARLISLE	STREET	ST KILDA	1691713	322552	5806766															
71	CARLISLE	STREET	ST KILDA	1691728	322562	5806764															
73	CARLISLE	STREET	ST KILDA	1691760	322572	5806763															
75	CARLISLE	STREET	ST KILDA	1691761	322581	5806762															
77	CARLISLE	STREET	ST KILDA	1691769	322592	5806760															
78	CARLISLE	STREET	ST KILDA	1691770	322668	5806786															
79	CARLISLE	STREET	ST KILDA	1691771	322600	5806759															
80	CARLISLE	STREET	ST KILDA	1691772	322677	5806785															
81	CARLISLE	STREET	ST KILDA	1691773	322608	5806758															
82	CARLISLE	STREET	ST KILDA	1691774	322684	5806784															
83	CARLISLE	STREET	ST KILDA	1691775	322622	5806760															
84	CARLISLE	STREET	ST KILDA	1691776	322695	5806782															
85	CARLISLE	STREET	ST KILDA	1691778	322674	5806747															
86	CARLISLE	STREET	ST KILDA	1691779	322707	5806780															
87	CARLISLE	STREET	ST KILDA	1691780	322688	5806746															
88	CARLISLE	STREET	ST KILDA	1691781	322730	5806780															
92	CARLISLE	STREET	ST KILDA	1691782	322747	5806778															
93	CARLISLE	STREET	ST KILDA	1691783	322719	5806742															
95	CARLISLE	STREET	ST KILDA	50743	322736	5806740.00															
96	CARLISLE	STREET	ST KILDA	1691794	322766	5806782															
99	CARLISLE	STREET	ST KILDA	1691795	322768	5806734															
120	CARLISLE	ST	ST KILDA					5.56	6.44	5.48	5.00	0.6	2.00	1.12	3	5.194	-0.37	-1.24	-0.29	4	
169	CARLISLE	ST	ST KILDA					6.49	6.35	6.27	6.20	0.3	1.00	0.29	1	6.411	-0.08	0.06	0.14	2	
198	CARLISLE	ST	ST KILDA					5.87	5.80	5.74	5.60	0.3	1.00	0.27	1	5.538	-0.33	-0.26	-0.20	4	
226	CARLISLE	ST	ST KILDA					6.20	6.07	5.98	5.80	0.4	1.00	0.40	1	6.002	-0.20	-0.07	0.02	3	
227	CARLISLE	ST	ST KILDA					7.70	7.60	7.45	7.30	0.4	1.70	0.68	2	7.435	-0.27	-0.17	-0.01	4	
232	CARLISLE	ST	ST KILDA					6.22	6.08	5.99	6.00	0.2	1.00	0.22	1	5.941	-0.28	-0.14	-0.05	4	
268	CARLISLE	ST	ST KILDA					6.65	6.53	6.45	6.40	0.3	1.00	0.25	1	6.382	-0.27	-0.14	-0.07	4	
306	CARLISLE	ST	ST KILDA					7.70	7.60	7.45	7.60	0.1	1.70	0.17	1	7.903	0.20	0.30	0.45		N/E Cor Blenheim/Carlisle
28	CHAPEL	ST	ST KILDA	1692429	323195	5807132															
36	CHAPEL	ST	ST KILDA	1692441	323193	5807113															
36	CHAPEL	ST	ST KILDA	1692442	323194	5807107															
38	CHAPEL	ST	ST KILDA	1692444	323190	5807097															
38	CHAPEL	ST	ST KILDA	1692445	323189	5807091															
40	CHAPEL	ST	ST KILDA	1692447	323186	5807066		6.70	6.65	6.60	7.00	0.0	1.00	0.00	1						
40	CHAPEL	ST	ST KILDA	1692448	323186	5807057		6.70	6.65	6.60	7.00	0.0	1.00	0.00	1						
42	CHAPEL	ST	ST KILDA	1692489	323180	5807023		6.70	6.65	6.60	6.40	0.3	0.80	0.24	1	6.525	-0.18	-0.13	-0.08	4	
44	CHAPEL	ST	ST KILDA	1692495	323179	5807013															
46	CHAPEL	ST	ST KILDA	1692515	323177	5807003															
48	CHAPEL	ST	ST KILDA	1692516	323176	5806987															
50	CHAPEL	ST	ST KILDA	1692522	323175	5806976															
52	CHAPEL	ST	ST KILDA	1692541	323173	5806964															
54	CHAPEL	ST	ST KILDA	1692553	323172	5806955															
56	CHAPEL	ST	ST KILDA	1692565	323171	5806948															
58	CHAPEL	ST	ST KILDA	1692580	323170	5806939															
60	CHAPEL	ST	ST KILDA	1937336	323169	5806929		5.75	5.70	5.65	5.80	0.0	0.00	0.00	1					1	
64	CHAPEL	ST	ST KILDA	1692595	323168	5806920		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
66	CHAPEL	ST	ST KILDA	1937337	323166	5806902		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1					1	
70	CHAPEL	ST	ST KILDA	1692615	323163	5806881		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1					1	
70	CHAPEL	ST	ST KILDA	1692616	323177	5806879		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1					1	
74	CHAPEL	ST	ST KILDA					5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.86	0.11	0.16	0.21	1	"Flood" assumed from pondage
76	CHAPEL	ST	ST KILDA	1692621	323159	5806849		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
78	CHAPEL	ST	ST KILDA	1692623	323158	5806842		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
79	CHAPEL	ST	ST KILDA	1692624	323158	5807152															
80	CHAPEL	ST	ST KILDA	1937338	323157	5806829		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
81	CHAPEL	ST	ST KILDA	1692632	323157	5807143															
82	CHAPEL	ST	ST KILDA	1692633	323155	5806817		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
83	CHAPEL	ST	ST KILDA	1692634	323153	5807115															
84	CHAPEL	ST	ST KILDA	1692636	323155	5806806		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1						
84	CHAPEL	ST	ST KILDA	1937339	323150	5806777		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.941	0.19	0.24	0.29	1	"Flood" assumed from pondage
89	CHAPEL	ST	ST KILDA	53119	323149	5807083															
90	CHAPEL	ST	ST KILDA	1692644	323150	5806756		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.556	-0.19	-0.14	-0.09	4	"Flood" assumed from pondage
91	CHAPEL	ST	ST KILDA	1692645	323148	5807071															
93	CHAPEL	ST	ST KILDA	1692646	323147	5807062		6.70	6.65	6.60	6.60	0.1	0.00	0.00	1					1	
95	CHAPEL	ST	ST KILDA	1692647	323147	5807057		6.70	6.65	6.60	6.60	0.1	0.00	0.00	1					1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
99	CHAPEL	ST	ST KILDA	1692648	323141	5807005		6.70	6.65	6.60	6.40	0.3	1.00	0.30	1					1	
100	CHAPEL	ST	ST KILDA	1692649	323145	5806743		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.587	-0.16	-0.11	-0.06	4	"Flood" assumed from pondage
102	CHAPEL	ST	ST KILDA	1692650	323145	5806740		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.68	-0.07	-0.02	0.03	3	"Flood" assumed from pondage
104	CHAPEL	ST	ST KILDA	1692651	323144	5806732		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.562	-0.19	-0.14	-0.09	4	"Flood" assumed from pondage
106	CHAPEL	ST	ST KILDA	1692652	323143	5806728		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.557	-0.19	-0.14	-0.09	4	"Flood" assumed from pondage
109	CHAPEL	ST	ST KILDA	1692654	323138	5806979															
110	CHAPEL	ST	ST KILDA	1692655	323142	5806736		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1					1	
111	CHAPEL	ST	ST KILDA	1692656	323137	5806965															
112	CHAPEL	ST	ST KILDA	1692657	323142	5806723		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1					1	
113	CHAPEL	ST	ST KILDA	1692658	323135	5806949															
117	CHAPEL	ST	ST KILDA	1692659	323130	5806916		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1						
118	CHAPEL	ST	ST KILDA	1937340	323137	5806677		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	5.648	-0.10	-0.05	0.00	4	
119	CHAPEL	ST	ST KILDA	1937341	323130	5806920		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.867	0.12	0.17	0.22	1	Outside Calculated Plane
120	CHAPEL	ST	ST KILDA	1692667	323134	5806670		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	5.57	-0.18	-0.13	-0.08	4	
121	CHAPEL	ST	ST KILDA	1692668	323126	5806889		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.679	-0.07	-0.02	0.03	3	Outside Calculated Plane
122	CHAPEL	ST	ST KILDA	1937342	323135	5806653		5.77	5.72	5.67	5.40	0.4	0.20	0.07	1	5.633	-0.14	-0.09	-0.04	4	
123	CHAPEL	ST	ST KILDA	1692673	323126	5806879		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.537	-0.21	-0.16	-0.11	4	Outside Calculated Plane
124	CHAPEL	ST	ST KILDA	1692674	323133	5806638		5.79	5.74	5.69	5.40	0.4	0.20	0.08	1	5.456	-0.33	-0.28	-0.23	4	
125	CHAPEL	ST	ST KILDA	1692675	323125	5806865		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.637	-0.11	-0.06	-0.01	4	
126	CHAPEL	ST	ST KILDA	1692676	323131	5806624		5.81	5.76	5.71	5.40	0.4	0.30	0.12	1	5.496	-0.31	-0.26	-0.21	4	
127	CHAPEL	ST	ST KILDA	1692677	323123	5806855		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.657	-0.09	-0.04	0.01	3	
129	CHAPEL	ST	ST KILDA	1692678	323122	5806846		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
130	CHAPEL	ST	ST KILDA	1692679	323124	5806576		5.81	5.76	5.71	5.20	0.6	0.40	0.24	1					1	
131	CHAPEL	ST	ST KILDA	1692680	323120	5806834		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.914	0.16	0.21	0.26	1	
133	CHAPEL	ST	ST KILDA	1692681	323119	5806822		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.822	0.07	0.12	0.17	1	
135	CHAPEL	ST	ST KILDA	1692682	323118	5806816		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.822	0.07	0.12	0.17	1	
137	CHAPEL	ST	ST KILDA	1692683	323117	5806810		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.744	-0.01	0.04	0.09	2	
139	CHAPEL	ST	ST KILDA	1692684	323116	5806805		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.744	-0.01	0.04	0.09	2	
140	CHAPEL	ST	ST KILDA	1692685	323124	5806566		5.85	5.80	5.75	5.20	0.6	0.50	0.33	1					1	
141	CHAPEL	ST	ST KILDA	1692686	323112	5806782		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.519	-0.23	-0.18	-0.13	4	
141	CHAPEL	ST	ST KILDA	1692687	323112	5806777		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
142	CHAPEL	ST	ST KILDA	1692688	323119	5806533		5.92	5.87	5.82	5.00	0.9	0.60	0.55	2	5.312	-0.61	-0.56	-0.51	4	
144	CHAPEL	ST	ST KILDA					5.93	5.88	5.83	5.20	0.7	0.80	0.58	2	5.431	-0.50	-0.45	-0.40	4	
145	CHAPEL	ST	ST KILDA	1692690	323111	5806767		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.567	-0.18	-0.13	-0.08	4	
146	CHAPEL	ST	ST KILDA	1692691	323116	5806511		5.94	5.89	5.84	5.40	0.5	1.00	0.54	2	5.459	-0.49	-0.44	-0.39	4	
147	CHAPEL	ST	ST KILDA	1692692	323109	5806752		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.71	-0.04	0.01	0.06	2	Outside Calculated Plane
149	CHAPEL	ST	ST KILDA	1692693	323108	5806748		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.762	0.01	0.06	0.11	1	Outside Calculated Plane
151	CHAPEL	ST	ST KILDA	1692694	323108	5806741		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.507	-0.24	-0.19	-0.14	4	Outside Calculated Plane
152	CHAPEL	ST	ST KILDA	1692695	323115	5806502		5.95	5.90	5.85	5.60	0.4	1.00	0.35	1	5.659	-0.29	-0.24	-0.19	4	
153	CHAPEL	ST	ST KILDA	1692696	323112	5806724		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.587	-0.16	-0.11	-0.06	4	
154	CHAPEL	ST	ST KILDA	1937343	323114	5806492		5.95	5.90	5.85	5.60	0.4	1.00	0.35	1	5.389	-0.56	-0.51	-0.46	4	
155	CHAPEL	ST	ST KILDA	1692700	323112	5806732		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.597	-0.15	-0.10	-0.05	4	
157	CHAPEL	ST	ST KILDA	1692701	323111	5806728		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.579	-0.17	-0.12	-0.07	4	
158	CHAPEL	ST	ST KILDA	1692702	323108	5806442														1	
159	CHAPEL	ST	ST KILDA	1692703	323109	5806719		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.57	-0.18	-0.13	-0.08	4	
161	CHAPEL	ST	ST KILDA	1692728	323103	5806680		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.821	0.07	0.12	0.17	1	
162	CHAPEL	ST	ST KILDA	1937345	323103	5806404															
162	CHAPEL	ST	ST KILDA	1937345	323103	5806404															
165	CHAPEL	ST	ST KILDA	1692729	323104	5806668		5.77	5.72	5.67	5.40	0.4	0.20	0.07	1					1	
169	CHAPEL	ST	BALACLAVA	1692730	323101	5806659		5.77	5.72	5.67	5.40	0.4	0.30	0.11	1	6	0.23	0.28	0.33	1	
171	CHAPEL	ST	ST KILDA	1692732	323100	5806645		5.77	5.72	5.67	5.40	0.4	1.00	0.37	1					1	
175	CHAPEL	ST	ST KILDA	1692734	323071	5806443		5.95	5.90	5.85	6.20	0.0	1.00	0.00	1						
177	CHAPEL	ST	ST KILDA	1692735	323069	5806426		5.95	5.90	5.85	6.40	0.0	1.00	0.00	1						
164	CHAPEL	STREET	ST KILDA	1692728	323101	5806389															
170	CHAPEL	STREET	BALACLAV	1692731	323097	5806359															
2	CHAUCER	ST	ST KILDA	1693110	322067	5806683		2.59	2.35	2.25	2.20	0.4	0.00	0.00	1					0	
12	CHAUCER	ST	ST KILDA	1693111	322114	5806622		2.59	2.20	2.20	2.20	0.4	0.00	0.00	1	2.904	0.32	0.70	0.70	0	
14	CHAUCER	ST	ST KILDA	1693112	322119	5806615		2.59	2.20	2.20	2.20	0.4	0.00	0.00	1	2.884	0.30	0.68	0.68	0	
16	CHAUCER	ST	ST KILDA	1693113	322127	5806605		2.58	2.20	2.20	2.20	0.4	0.00	0.00	1	2.824	0.24	0.62	0.62	0	
18	CHAUCER	ST	ST KILDA	1693114	322131	5806600		2.58	2.20	2.20	2.20	0.4	0.00	0.00	1	2.824	0.24	0.62	0.62	0	
20	CHAUCER	ST	ST KILDA	1693115	322136	5806593															
22	CHAUCER	ST	ST KILDA	1693116	322144	5806582															
24	CHAUCER	ST	ST KILDA	1693117	322155	5806569															
28	CHAUCER	ST	ST KILDA	1693118	322166	5806559															
30	CHAUCER	ST	ST KILDA	1693119	322173	5806552															
32	CHAUCER	ST	ST KILDA	1693120	322194	5806574															
38	CHAUCER	ST	ST KILDA	1693123	322188	5806526															
42	CHAUCER	ST	ST KILDA	1693124	322194	5806519															

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V^D Product	Floodway Safety Risk	Floor Level	100 yr Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
44	CHAUCER	ST	ST KILDA	1693125	322192	5806510															
46	CHAUCER	ST	ST KILDA	1693126	322192	5806505															
48	CHAUCER	ST	ST KILDA	1693127	322192	5806497															
50	CHAUCER	ST	ST KILDA	1693128	322191	5806490															
52	CHAUCER	ST	ST KILDA	1693129	322190	5806480															
54	CHAUCER	ST	ST KILDA	1693130	322189	5806473															
56	CHAUCER	ST	ST KILDA	1693131	322189	5806467															
58	CHAUCER	ST	ST KILDA	1693132	322189	5806462															
60	CHAUCER	ST	ST KILDA	1693133	322181	5806388															
62	CHAUCER	ST	ST KILDA	1693134	322180	5806378															
64	CHAUCER	ST	ST KILDA	51762	322179	5806365															
66	CHAUCER	ST	ST KILDA	1693136	322177	5806356															
68	CHAUCER	ST	ST KILDA	1693137	322176	5806351															
70	CHAUCER	ST	ST KILDA	1693138	322175	5806341															
72	CHAUCER	ST	ST KILDA	1693139	322175	5806329															
74	CHAUCER	ST	ST KILDA	1693140	322174	5806318															
76	CHAUCER	ST	ST KILDA	1693141	322172	5806306															
78	CHAUCER	ST	ST KILDA	1693142	322170	5806293															
80	CHAUCER	ST	ST KILDA	1693143	322168	5806283															
82	CHAUCER	ST	ST KILDA	1693144	322167	5806278															
86	CHAUCER	ST	ST KILDA	1693146	322165	5806265															
88	CHAUCER	ST	ST KILDA	1693147	322163	5806256															
90	CHAUCER	ST	ST KILDA	1693148	322158	5806243															
1	CHUSAN	ST	BALACLAVA	1693158	323881	5806892															
3	CHUSAN	ST	BALACLAVA	1693159	323880	5806885															
5	CHUSAN	ST	BALACLAVA	1693160	323879	5806880															
7	CHUSAN	ST	BALACLAVA	1693161	323879	5806874															
11	CHUSAN	ST	BALACLAVA	1693162	323878	5806866															
13	CHUSAN	ST	BALACLAVA	1693163	323877	5806859															
15	CHUSAN	ST	BALACLAVA	1693164	323876	5806853															
17	CHUSAN	ST	BALACLAVA	1693165	323876	5806847															
21	CHUSAN	ST	BALACLAVA	1693166	323874	5806832															
25	CHUSAN	ST	BALACLAVA	1693167	323872	5806816															
27	CHUSAN	ST	BALACLAVA	1693168	323871	5806809															
29	CHUSAN	ST	BALACLAVA	1693169	323870	5806803															
31	CHUSAN	ST	BALACLAVA	1693170	323869	5806797															
33	CHUSAN	ST	BALACLAVA	1693171	323869	5806791															
35	CHUSAN	ST	BALACLAVA	1693172	323868	5806785															
37	CHUSAN	ST	BALACLAVA	1693173	323867	5806779															
1	COWPER	ST	ST KILDA	1693459	322008	5806135		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1					1	
3	COWPER	ST	ST KILDA	1693460	322009	5806127		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1	1.94	[illegible]34	0.59	n/a	1	"Flood" assumed from pondage
5	COWPER	ST	ST KILDA	1693461	322010	5806121		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1	2.009	[illegible]41	0.66	n/a	1	"Flood" assumed from pondage
7	COWPER	ST	ST KILDA	25007	322012	5806114		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1					1	
9	COWPER	ST	ST KILDA	1937393	322014	5806103		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1					1	
1	DUKE	ST	ST KILDA					5.15	5.10	5.05	4.60	0.6	0.30	0.17	1	4.644	[illegible]21	-0.46	-0.41	4	
2	DUKE	ST	ST KILDA	1694753	322933	5806837		5.15	5.10	5.05	4.60	0.6	0.30	0.17	1	4.892	[illegible]76	-0.21	-0.16	4	
3	DUKE	ST	ST KILDA	1694754	322949	5806802		5.15	5.10	5.05	4.60	0.6	0.30	0.17	1	5	[illegible]15	-0.10	-0.05	4	
4	DUKE	ST	ST KILDA	1694755	322939	5806836		5.15	5.10	5.05	4.60	0.6	0.30	0.17	1	5.022	[illegible]13	-0.08	-0.03	4	
5	DUKE	ST	ST KILDA	1694756	322956	5806801		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1	5.071	[illegible]09	-0.04	0.01	3	
6	DUKE	ST	ST KILDA	1694757	322957	5806833		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1	5.272	[illegible]11	0.16	0.21		
7	DUKE	ST	ST KILDA	1694758	322963	5806800		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1						
8	DUKE	ST	ST KILDA	1694759	322965	5806832		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1	5.124	[illegible]06	0.01	0.06	2	
9	DUKE	ST	ST KILDA	52363	322988	5806797		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1						
10	DUKE	ST	ST KILDA	1694761	322975	5806830		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1	5.194	[illegible]03	0.08	0.13		
12	DUKE	ST	ST KILDA	1694763	322984	5806829		5.16	5.11	5.06	4.60	0.6	0.30	0.17	1	5.166	[illegible]01	0.06	0.11		Outside Calculated Plane
14	DUKE	ST	ST KILDA	1694764	322992	5806828		5.17	5.12	5.07	4.70	0.5	0.30	0.14	1	5.251	[illegible]08	0.13	0.18		
18	DUKE	ST	ST KILDA	1694765	323007	5806826		5.18	5.13	5.08	4.80	0.4	0.30	0.11	1						
20	DUKE	ST	ST KILDA	1937481	323021	5806823		5.18	5.13	5.08	4.80	0.4	0.30	0.11	1						
22	DUKE	ST	ST KILDA	1694775	323032	5806822		5.19	5.14	5.09	4.80	0.4	0.30	0.12	1	5.563	[illegible]37	0.42	0.47		
23	DUKE	ST	ST KILDA	1694776	323024	5806791		5.19	5.14	5.09	4.80	0.4	0.30	0.12	1						
24	DUKE	ST	ST KILDA	1694777	323038	5806822		5.19	5.14	5.09	4.90	0.3	0.30	0.09	1	5.563	[illegible]37	0.42	0.47		
25	DUKE	ST	ST KILDA	1694778	323030	5806791		5.19	5.14	5.09	4.90	0.3	0.30	0.09	1						
26	DUKE	ST	ST KILDA	1694779	323044	5806821		5.20	5.15	5.10	4.90	0.3	0.30	0.09	1	5.554	[illegible]36	0.41	0.46		
27	DUKE	ST	ST KILDA	1694780	323038	5806789		5.19	5.14	5.09	4.90	0.3	0.30	0.09	1	5.465	[illegible]2	0.32	0.37		
28	DUKE	ST	ST KILDA	1694781	323082	5806815		5.37	5.32	5.27	5.00	0.4	0.30	0.11	1	5.543	[illegible]17	0.22	0.27		
29	DUKE	ST	ST KILDA	1694782	323045	5806788		5.20	5.15	5.10	4.90	0.3	0.30	0.09	1	5.534	0.34	0.39	0.44		
30	DUKE	ST	ST KILDA	1694783	323089	5806814		5.42	5.37	5.32	4.90	0.5	0.30	0.16	1	5.571	0.15	0.20	0.25		
31	DUKE	ST	ST KILDA	1694784	323052	5806787		5.20	5.15	5.10	5.00	0.2	0.30	0.06	1	5.414	[illegible]21	0.26	0.31		

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]n)	(m)	(m)	Category	
32	DUKE	ST	ST KILDA	1694785	323095	5806813		5.46	5.41	5.36	5.00	0.5	0.30	0.14	1	5.571	[illegible].11	0.16	0.21		
33	DUKE	ST	ST KILDA	1694786	323059	5806786		5.25	5.20	5.15	5.00	0.2	0.30	0.07	1	5.342	[illegible].09	0.14	0.19		
35	DUKE	ST	ST KILDA	1694787	323065	5806785		5.29	5.24	5.19	5.00	0.3	0.30	0.09	1	5.47	[illegible].18	0.23	0.28		
37	DUKE	ST	ST KILDA	1694788	323071	5806785		5.33	5.28	5.23	5.00	0.3	0.30	0.10	1	5.481	[illegible].15	0.20	0.25		
39	DUKE	ST	ST KILDA	1694789	323075	5806784		5.35	5.30	5.25	5.10	0.3	0.30	0.08	1	5.521	[illegible].17	0.22	0.27		
41	DUKE	ST	ST KILDA	1694790	323080	5806783		5.39	5.34	5.29	5.20	0.2	0.30	0.06	1	5.521	[illegible].13	0.18	0.23		
	DUKE	ST	ST KILDA	82576	322914	5806811		5.12	5.07	5.02	5.20	0.0	0.30	0.00	1						
	DUKE	ST	ST KILDA	82738	322991	5806848		5.17	5.12	5.07	5.20	0.0	0.30	0.00	1						
1	EDWARD	ST	BALACLAVA	1694791	323191	5806878		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1					1	
2	EDWARD	ST	BALACLAVA	1694792	323203	5806850		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
3	EDWARD	ST	BALACLAVA	1694794	323203	5806876		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
5	EDWARD	ST	BALACLAVA	1694795	323211	5806876		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
7	EDWARD	ST	BALACLAVA	1937482	323218	5806874		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
1	FAWKNER	ST	ST KILDA	1695485	322081	5806901		3.70	3.60	3.50			0.00								outside DTM
5	FAWKNER	ST	ST KILDA	1695489	322088	5806907		3.70	3.60	3.50			0.00								outside DTM
7	FAWKNER	ST	ST KILDA	1695491	322096	5806914		3.70	3.60	3.50			0.00								outside DTM
9	FAWKNER	ST	ST KILDA	1695493	322105	5806920		3.70	3.60	3.50			0.00								outside DTM
11	FAWKNER	ST	ST KILDA	1695495	322115	5806928		3.70	3.60	3.50			0.00								outside DTM
15	FAWKNER	ST	ST KILDA	1695498	322122	5806934		3.70	3.60	3.50			0.00								outside DTM
17	FAWKNER	ST	ST KILDA	1695500	322129	5806939		3.70	3.60	3.50			0.00								outside DTM
19	FAWKNER	ST	ST KILDA	1695502	322135	5806944		3.70	3.60	3.50			0.00								outside DTM
21	FAWKNER	ST	ST KILDA	1695504	322144	5806951		3.70	3.60	3.50			0.00								outside DTM
23	FAWKNER	ST	ST KILDA	1695506	322154	5806957		3.70	3.60	3.50			0.00								outside DTM
25	FAWKNER	ST	ST KILDA	1695508	322161	5806962		3.70	3.60	3.50			0.00								outside DTM
27	FAWKNER	ST	ST KILDA	1695510	322165	5806969		3.70	3.60	3.50			0.00								outside DTM
29	FAWKNER	ST	ST KILDA	1695512	322171	5806973		3.70	3.60	3.50			0.00								outside DTM
31	FAWKNER	ST	ST KILDA	1695514	322177	5806978		3.70	3.60	3.50			0.00								outside DTM
33	FAWKNER	ST	ST KILDA	1695516	322184	5806982		3.70	3.60	3.50			0.00								outside DTM
35	FAWKNER	ST	ST KILDA	1695518	322189	5806988		3.70	3.60	3.50			0.00								outside DTM
37	FAWKNER	ST	ST KILDA	1695520	322196	5806992		3.70	3.60	3.50			0.00								outside DTM
39	FAWKNER	ST	ST KILDA	1695522	322201	5806995		3.70	3.60	3.50			0.00								outside DTM
41	FAWKNER	ST	ST KILDA	1695524	322205	5807001		3.70	3.60	3.50			0.00								outside DTM
43	FAWKNER	ST	ST KILDA	1695526	322213	5807006		3.70	3.60	3.50			0.00								outside DTM
45	FAWKNER	ST	ST KILDA	1695528	322222	5807014		3.70	3.60	3.50			0.00								outside DTM
47	FAWKNER	ST	ST KILDA	1695530	322235	5807024		3.70	3.60	3.50			0.00								outside DTM
49	FAWKNER	ST	ST KILDA	1695532	322243	5807030		3.70	3.60	3.50			0.00								outside DTM
51	FAWKNER	ST	ST KILDA	1695534	322248	5807033		3.70	3.60	3.50			0.00								outside DTM
53	FAWKNER	ST	ST KILDA	1695536	322253	5807036		3.70	3.60	3.50			0.00								outside DTM
55	FAWKNER	ST	ST KILDA	1695538	322258	5807040		3.70	3.60	3.50			0.00								outside DTM
57	FAWKNER	ST	ST KILDA	1695540	322264	5807047		3.70	3.60	3.50			0.00								outside DTM
59	FAWKNER	ST	ST KILDA	1695542	322270	5807052		3.70	3.60	3.50			0.00								outside DTM
61	FAWKNER	ST	ST KILDA	1695544	322276	5807057		3.70	3.60	3.50			0.00								outside DTM
65	FAWKNER	ST	ST KILDA	1695547	322289	5807069		3.70	3.60	3.50			0.00								outside DTM
67	FAWKNER	ST	ST KILDA	1695549	322303	5807076		3.70	3.60	3.50			0.00								outside DTM
69	FAWKNER	ST	ST KILDA	1695550	322311	5807082		3.70	3.60	3.50			0.00								outside DTM
1	GLENMARK	AV	ST KILDA	1697294	323078	5806874		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
2	GLENMARK	AV	ST KILDA	1697295	323047	5806878		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
3	GLENMARK	AV	ST KILDA	1697296	323078	5806871		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
4	GLENMARK	AV	ST KILDA	1697297	323046	5806873		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
5	GLENMARK	AV	ST KILDA	1697298	323077	5806863		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
6	GLENMARK	AV	ST KILDA	1697299	323045	5806867		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
7	GLENMARK	AV	ST KILDA	1697300	323077	5806858		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
8	GLENMARK	AV	ST KILDA	1697301	323045	5806862		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
9	GLENMARK	AV	ST KILDA	1697302	323076	5806852		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
10	GLENMARK	AV	ST KILDA	1697303	323043	5806856		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
11	GLENMARK	AV	ST KILDA	1697304	323075	5806844		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
12	GLENMARK	AV	ST KILDA	1697305	323043	5806851		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
13	GLENMARK	AV	ST KILDA	1697306	323074	5806835		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
15	GLENMARK	AV	ST KILDA	1697307	323072	5806825		5.20	5.15	5.10	5.00	0.2	0.00	0.00	1						
17	GLENMARK	AV	ST KILDA	1697308	323071	5806814		5.20	5.15	5.10	5.00	0.2	0.30	0.06	1						
4	GREEVES	ST	ST KILDA	1697688	322518	5807092		4.40	4.10	4.00	4.20	0.2	0.00	0.00	1	4.236	[illegible].16	0.14	0.24	2	
6	GREEVES	ST	ST KILDA	1697689	322518	5807085		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1	4.236	[illegible].16	0.14	0.24	2	
8	GREEVES	ST	ST KILDA	1697691	322517	5807077		4.40	4.10	4.00	4.00	0.4	0.00	0.00	1	4.32	[illegible].08	0.22	0.32	2	
10	GREEVES	ST	ST KILDA	1697692	322516	5807069		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1					1	
12	GREEVES	ST	ST KILDA	1697693	322515	5807061		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1					1	
14	GREEVES	ST	ST KILDA	1697694	322514	5807052		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1					1	
18	GREEVES	ST	ST KILDA	1697696	322513	5807042		4.40	4.10	4.00	3.50	0.9	0.00	0.00	1	3.849	[illegible].55	-0.25	-0.15	4	
20	GREEVES	ST	ST KILDA	1697697	322512	5807038		4.40	4.10	4.00	3.40	1.0	0.00	0.00	1	3.849	[illegible].55	-0.25	-0.15	4	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
22	GREEVES	ST	ST KILDA	1697699	322511	5807029		4.40	4.10	4.00	3.40	1.0	0.00	0.00	1	3.886	-0.51	-0.21	-0.11	4	
24	GREEVES	ST	ST KILDA	1697700	322510	5807022		4.40	4.10	4.00	3.40	1.0	0.00	0.00	1	3.886	-0.51	-0.21	-0.11	4	
25	GREEVES	ST	ST KILDA	1697701	322467	5806963		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.89	-0.51	-0.21	-0.11	4	
26	GREEVES	ST	ST KILDA	8451	322510	5807015		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1	3.82	-0.58	-0.28	-0.18	4	
27	GREEVES	ST	ST KILDA	1697703	322469	5806969		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.675	-0.73	-0.43	-0.33	4	
28	GREEVES	ST	ST KILDA	8452	322509	5807010		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1	3.82	-0.58	-0.28	-0.18	4	
29	GREEVES	ST	ST KILDA	1697705	322467	5806955		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.645	-0.76	-0.46	-0.36	4	
30	GREEVES	ST	ST KILDA	1697706	322506	5806993		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1					1	
31	GREEVES	ST	ST KILDA	1937657	322465	5806938		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1	3.377	-1.02	-0.72	-0.62	4	
32	GREEVES	ST	ST KILDA					4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	4.24	-0.16	0.14	0.24	2	Units 1 & 2
33	GREEVES	ST	ST KILDA	1937658	322462	5806911		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1	3.894	-0.51	-0.21	-0.11	4	
34	GREEVES	ST	ST KILDA	1697720	322504	5806973		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	4.16	-0.24	0.06	0.16	2	
35	GREEVES	ST	ST KILDA	1697721	322460	5806894		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.888	-0.51	-0.21	-0.11	4	
36	GREEVES	ST	ST KILDA	1697722	322502	5806959		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.668	-0.73	-0.43	-0.33	4	
37	GREEVES	ST	ST KILDA	1697723	322456	5806867		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
37	GREEVES	ST	ST KILDA	1697724	322458	5806875		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
38	GREEVES	ST	ST KILDA	1697725	322502	5806952		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.835	-0.57	-0.27	-0.17	4	
39	GREEVES	ST	ST KILDA	1697726	322456	5806856		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
40	GREEVES	ST	ST KILDA	1697727	322501	5806946		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	3.974	-0.43	-0.13	-0.03	4	
42	GREEVES	ST	ST KILDA	1697729	322500	5806936		4.40	4.10	4.00	3.40	1.0	0.00	0.00	1	3.465	-0.93	-0.64	-0.54	4	
44	GREEVES	ST	ST KILDA	1697731	322497	5806907		4.40	4.10	4.00	3.40	1.0	0.30	0.30	1	4.122	-0.28	0.02	0.12	2	
46	GREEVES	ST	ST KILDA	1937659	322495	5806892		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1	4.322	-0.08	0.22	0.32	2	
48	GREEVES	ST	ST KILDA	1697744	322493	5806876		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
50	GREEVES	ST	ST KILDA	1697745	322492	5806866		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
41	GREEVES	STREET	ST KILDA	1697728	322454	5806841		4.40	4.10	4.00	3.20	1.2	0.00	0.00	1					1	
43	GREEVES	STREET	ST KILDA	1697730	322452	5806833		4.40	4.10	4.00	4.30	0.1	0.00	0.00	1					1	
52	GREEVES	STREET	ST KILDA	1697746	322489	5806848															
3	HAVELOCK	ST	ST KILDA	1698568	322153	5806881		3.70	3.60	3.50	2.80	0.9	0.10	0.09	1	3.302	-0.40	-0.30	-0.20	4	
4	HAVELOCK	ST	ST KILDA	1698569	322088	5806862		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.731	0.03	0.13	0.23	1	
5	HAVELOCK	ST	ST KILDA	1698570	322163	5806890		3.70	3.60	3.50	2.80	0.9	0.20	0.18	1	3.238	-0.46	-0.36	-0.26	4	
6	HAVELOCK	ST	ST KILDA	1698571	322092	5806867		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.731	0.03	0.13	0.23	1	
8	HAVELOCK	ST	ST KILDA	1698572	322100	5806874		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1					1	No Access for Floor Level
9	HAVELOCK	ST	ST KILDA	1698573	322174	5806897		3.70	3.60	3.50	2.80	0.9	0.25	0.23	1	3.514	-0.19	-0.09	0.01	3	
10	HAVELOCK	ST	ST KILDA	1698574	322112	5806883		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.574	-0.13	-0.03	0.07	3	
12	HAVELOCK	ST	ST KILDA	1698575	322120	5806890		3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.485	-0.22	-0.12	-0.02	4	
14	HAVELOCK	ST	ST KILDA					3.70	3.60	3.50	3.00	0.7	0.00	0.00	1	3.235	-0.47	-0.37	-0.27	4	
14	HAVELOCK	ST	ST KILDA					3.70	3.60	3.50	2.80	0.9	0.00	0.00	1	3.183	-0.52	-0.42	-0.32	4	
16	HAVELOCK	ST	ST KILDA	1698578	322137	5806903		3.70	3.60	3.50	2.80	0.9	0.10	0.09	1	3.498	-0.20	-0.10	0.00	4	
17	HAVELOCK	ST	ST KILDA	1698579	322184	5806905		3.70	3.60	3.50	2.80	0.9	0.30	0.27	1	3.444	-0.25	-0.16	-0.06	4	
18	HAVELOCK	ST	ST KILDA	1698580	322142	5806907		3.70	3.60	3.50	2.80	0.9	0.10	0.09	1	3.498	-0.20	-0.10	0.00	4	
19	HAVELOCK	ST	ST KILDA	1698581	322194	5806912		3.70	3.60	3.50	2.80	0.9	0.35	0.32	1	3.444	-0.26	-0.16	-0.06	4	
20	HAVELOCK	ST	ST KILDA	1698582	322149	5806911		3.70	3.60	3.50	2.80	0.9	0.20	0.18	1	3.433	-0.27	-0.17	-0.07	4	"Flood" assumed from pondage
21	HAVELOCK	ST	ST KILDA	1698583	322201	5806918		3.70	3.60	3.50	3.00	0.7	0.40	0.28	1	3.71	0.01	0.11	0.21	1	
22	HAVELOCK	ST	ST KILDA	1698584	322156	5806917		3.70	3.60	3.50	2.88	0.8	0.25	0.21	1	3.1	-0.60	-0.50	-0.40	4	Floor RL approx (No access)
23	HAVELOCK	ST	ST KILDA	1698585	322209	5806925		3.70	3.60	3.50	3.00	0.7	0.45	0.32	1	3.801	0.10	0.20	0.30	1	
24	HAVELOCK	ST	ST KILDA	1698588	322165	5806924		3.70	3.60	3.50	2.80	0.9	0.30	0.27	1	3.605	-0.10	0.00	0.11	2	
25	HAVELOCK	ST	ST KILDA	1698589	322221	5806932		3.70	3.60	3.50	2.80	0.9	0.30	0.27	1	3.786	0.09	0.19	0.29	1	
26	HAVELOCK	ST	ST KILDA	1937717	322174	5806930		3.70	3.60	3.50	2.80	0.9	0.35	0.32	1					1	
27	HAVELOCK	ST	ST KILDA	62086	322230	5806940		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
28	HAVELOCK	ST	ST KILDA	1698594	322177	5806934		3.70	3.60	3.50	2.80	0.9	0.35	0.32	1	3.547	-0.15	-0.05	0.05	3	
29	HAVELOCK	ST	ST KILDA	1698595	322239	5806947		3.70	3.60	3.50	3.00	0.7	0.55	0.39	1	4.025	0.31	0.43	0.53	1	
30	HAVELOCK	ST	ST KILDA	1698596	322181	5806939		3.70	3.60	3.50	3.00	0.7	0.40	0.28	1	3.675	-0.03	0.07	0.18	2	
31	HAVELOCK	ST	ST KILDA	1698597	322248	5806953		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.34	-0.36	-0.26	-0.16	4	
32	HAVELOCK	ST	ST KILDA	1698598	322186	5806941		3.70	3.60	3.50	3.00	0.7	0.40	0.28	1	3.694	-0.01	0.09	0.19	2	
33	HAVELOCK	ST	ST KILDA	1698599	322256	5806960		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.683	-0.02	0.08	0.18	2	
34	HAVELOCK	ST	ST KILDA	1698600	322190	5806946		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.694	-0.01	0.09	0.19	2	
35	HAVELOCK	ST	ST KILDA	1698601	322264	5806966		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.65	-0.05	0.05	0.15	2	Floor RL approx (No access)
36	HAVELOCK	ST	ST KILDA	1698602	322195	5806950		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.773	0.07	0.17	0.27	1	
37	HAVELOCK	ST	ST KILDA	1698603	322274	5806974		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.705	0.00	0.11	0.21	1	
38	HAVELOCK	ST	ST KILDA	1698604	322200	5806954		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.756	0.06	0.16	0.26	1	
39	HAVELOCK	ST	ST KILDA	1698605	322282	5806980		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.575	-0.13	-0.02	0.08	3	
40	HAVELOCK	ST	ST KILDA	1698606	322205	5806957		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.701	0.00	0.10	0.20	1	
41	HAVELOCK	ST	ST KILDA	1698607	322287	5806984		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.605	-0.10	0.00	0.11	2	
42	HAVELOCK	ST	ST KILDA	1698608	322210	5806961		3.70	3.60	3.50	3.00	0.7	0.50	0.35	1	3.701	0.00	0.10	0.20	1	
43	HAVELOCK	ST	ST KILDA	1698609	322294	5806990		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
44	HAVELOCK	ST	ST KILDA	1698610	322219	5806965		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.7	0.00	0.10	0.20	1	Floor RL approx (No access)
46	HAVELOCK	ST	ST KILDA	1698611	322225	5806974		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.871	0.17	0.27	0.37	1	
48	HAVELOCK	ST	ST KILDA	1698612	322229	5806977		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.871	0.17	0.27	0.37	1	

Melbourne Water C[illegible]t : Port Phillip
Main Drain : Shakesp[illegible] Grove and St Kilda Town Hall
Municipality : Port Phillip

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
50	HAVELOCK	ST	ST KILDA	1698613	322234	5806981		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.729	0.03	0.13	0.23	1	
52	HAVELOCK	ST	ST KILDA	1698614	322239	5806984		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.729	0.03	0.13	0.23	1	
54	HAVELOCK	ST	ST KILDA	1698615	322246	5806988		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.658	-0.04	0.06	0.16	2	
56	HAVELOCK	ST	ST KILDA	1698616	322254	5806995		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
58	HAVELOCK	ST	ST KILDA	1698617	322262	5807001		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.625	-0.08	0.02	0.13	2	
60	HAVELOCK	ST	ST KILDA	29138	322271	5807007		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
62	HAVELOCK	ST	ST KILDA	1698619	322280	5807013		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.848	0.15	0.25	0.35	1	
64	HAVELOCK	ST	ST KILDA	1698620	322287	5807019		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1	3.84	0.14	0.24	0.34	1	
66	HAVELOCK	ST	ST KILDA	1698621	322295	5807025		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
68	HAVELOCK	ST	ST KILDA	1698622	322304	5807033		3.70	3.60	3.50	3.00	0.7	0.30	0.21	1					1	
1	HAWSLEIGH	AV	BALACLAVA	1698623	323778	5806530															
1	HAWSLEIGH	AV	BALACLAVA	1937718	323781	5806551															
2	HAWSLEIGH	AV	BALACLAVA	1698637	323742	5806504															
2	HAWSLEIGH	AV	BALACLAVA	1937719	323746	5806534															
3	HAWSLEIGH	AV	BALACLAVA	1698654	323777	5806523															
4	HAWSLEIGH	AV	BALACLAVA	1698655	323741	5806492															
5	HAWSLEIGH	AV	BALACLAVA	1698656	323776	5806516															
6	HAWSLEIGH	AV	BALACLAVA	1698657	323739	5806482															
7	HAWSLEIGH	AV	BALACLAVA	1698658	323776	5806509															
8	HAWSLEIGH	AV	BALACLAVA	1698659	323737	5806470															
9	HAWSLEIGH	AV	BALACLAVA	1698660	323775	5806503															
10	HAWSLEIGH	AV	BALACLAVA	1698661	323736	5806463															
11	HAWSLEIGH	AV	BALACLAVA	1698662	323774	5806497															
12	HAWSLEIGH	AV	BALACLAVA	1698663	323735	5806457															
13	HAWSLEIGH	AV	BALACLAVA	1698664	323773	5806490															
14	HAWSLEIGH	AV	BALACLAVA	42972	323733	5806446															
15	HAWSLEIGH	AV	BALACLAVA	1698666	323772	5806483															
16	HAWSLEIGH	AV	BALACLAVA	42973	323733	5806439															
17	HAWSLEIGH	AV	BALACLAVA	1698668	323771	5806477															
18	HAWSLEIGH	AV	BALACLAVA	1698669	323732	5806432															
19	HAWSLEIGH	AV	BALACLAVA	1698670	323770	5806471															
20	HAWSLEIGH	AV	BALACLAVA	1698671	323731	5806425															
21	HAWSLEIGH	AV	BALACLAVA	1698672	323769	5806464															
22	HAWSLEIGH	AV	BALACLAVA	1698673	323730	5806416															
23	HAWSLEIGH	AV	BALACLAVA	1698674	323768	5806457															
24	HAWSLEIGH	AV	BALACLAVA	1698675	323728	5806408															
25	HAWSLEIGH	AV	BALACLAVA	1698676	323767	5806451															
27	HAWSLEIGH	AV	BALACLAVA	1698677	323766	5806444															
29	HAWSLEIGH	AV	BALACLAVA	1698678	323766	5806437															
31	HAWSLEIGH	AV	BALACLAVA	1698679	323765	5806431															
33	HAWSLEIGH	AV	BALACLAVA	1698680	323764	5806425															
35	HAWSLEIGH	AV	BALACLAVA	1698681	323763	5806418															
37	HAWSLEIGH	AV	BALACLAVA	1698682	323762	5806411															
39	HAWSLEIGH	AV	BALACLAVA	1698683	323761	5806404															
56	HOTHAM	ST	BALACLAVA	1699294	323997	5807052															
58	HOTHAM	ST	BALACLAVA	1937758	323995	5807040															
59	HOTHAM	ST	BALACLAVA	1699305	323966	5807072															
61	HOTHAM	ST	BALACLAVA	1937759	323963	5807057															
62	HOTHAM	ST	BALACLAVA	1699310	323992	5807018															
63	HOTHAM	ST	BALACLAVA	1699311	323962	5807042															
64	HOTHAM	ST	BALACLAVA	1699312	323995	5806993															
65	HOTHAM	ST	BALACLAVA	1699313	323957	5807008															
67	HOTHAM	ST	BALACLAVA	1699314	323955	5806992															
68	HOTHAM	ST	BALACLAVA	1699315	323986	5806984															
69	HOTHAM	ST	BALACLAVA	1699316	323953	5806975															
70	HOTHAM	ST	BALACLAVA	1699317	323985	5806976															
71	HOTHAM	ST	BALACLAVA	1699318	323952	5806963		15.30	15.25	15.20	15.00	0.3	0.30	0.09	1					1	
73	HOTHAM	ST	BALACLAVA	1699320	323942	5806890		15.30	15.25	15.20	15.00	0.3	0.30	0.09	1	14.839	0.46	-0.41	-0.36	4	
75	HOTHAM	ST	BALACLAVA	1937760	323941	5806879		15.30	15.25	15.20	14.60	0.7	1.20	0.84	3					1	
77	HOTHAM	ST	BALACLAVA	1937761	323939	5806862		15.00	14.94	14.89	14.40	0.6	1.20	0.72	2	14.811	0.19	-0.13	-0.08	4	
79	HOTHAM	ST	BALACLAVA	1699351	323937	5806846		14.85	14.78	14.73	14.40	0.4	0.30	0.14	1					1	
81	HOTHAM	ST	BALACLAVA	1699352	323935	5806831		14.70	14.63	14.58	14.30	0.4	0.30	0.12	1					1	
83	HOTHAM	ST	BALACLAVA	1937762	323933	5806819		14.55	14.47	14.42	14.20	0.4	0.30	0.11	1					1	
85	HOTHAM	ST	BALACLAVA	1699358	323932	5806805		14.40	14.31	14.26	14.10	0.3	0.30	0.09	1					1	
87	HOTHAM	ST	BALACLAVA	1699359	323929	5806789		14.30	14.20	14.15	14.00	0.3	0.30	0.09	1	14.334	0.04	0.13	0.18	1	
89	HOTHAM	ST	BALACLAVA	23653	323927	5806773		14.10	14.00	13.95	13.80	0.3	0.30	0.09	1					1	
91	HOTHAM	ST	BALACLAVA	1937763	323926	5806756		14.00	13.95	13.90	13.60	0.4	0.30	0.12	1					1	
93	HOTHAM	ST	BALACLAVA	1937764	323922	5806730		13.81	13.77	13.71	13.40	0.4	0.30	0.12	1	13.013	-0.79	-0.76	-0.69	4	Rear of Unit

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	10[illegible] yr Floo. Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]	(m)	(m)	Category	
93	HOTHAM	ST	BALACLAVA		323922	5806730		13.81	13.77	13.71	13.40	0.4	0.30	0.12	1	13.013	-0.80	-0.76	-0.70	4	
93	HOTHAM	ST	BALACLAVA					13.81	13.77	13.71	13.40	0.4	0.30	0.12	1	13.953	0.15	0.18	0.25	1	Front of Unit
97	HOTHAM	ST	BALACLAVA	1937765	323918	5806698		13.56	13.54	13.46	13.20	0.4	0.30	0.11	1	13.478	-0.09	-0.06	0.01	3	
99	HOTHAM	ST	BALACLAVA	1937766	323915	5806678		13.41	13.39	13.31	13.00	0.4	0.30	0.12	1	13.139	-0.27	-0.25	-0.17	4	
101	HOTHAM	ST	BALACLAVA	1699413	323896	5806530															
101	HOTHAM	ST	BALACLAVA	1699414	323899	5806550															
103	HOTHAM	ST	BALACLAVA	1699415	323894	5806513															
105	HOTHAM	ST	BALACLAVA	1699416	323891	5806495															
107	HOTHAM	ST	BALACLAVA	1937767	323889	5806475															
109	HOTHAM	ST	BALACLAVA	1699425	323885	5806452															
111	HOTHAM	ST	BALACLAVA	1937768	323883	5806427															
113	HOTHAM	ST	BALACLAVA	1699435	323880	5806412															
115	HOTHAM	ST	BALACLAVA	1699436	323880	5806406															
117	HOTHAM	ST	BALACLAVA	1699437	323879	5806399															
119	HOTHAM	ST	BALACLAVA	1699438	323878	5806393															
121	HOTHAM	ST	BALACLAVA	1699439	323876	5806382															
123	HOTHAM	ST	BALACLAVA	1699440	323875	5806368															
125	HOTHAM	ST	BALACLAVA	1699441	323873	5806354															
127	HOTHAM	ST	BALACLAVA	27287	323869	5806325															
129	HOTHAM	ST	BALACLAVA	1699443	323867	5806309															
131	HOTHAM	ST	BALACLAVA	1699444	323865	5806293															
133	HOTHAM	ST	BALACLAVA	1699445	323863	5806278															
135	HOTHAM	ST	BALACLAVA	1937769	323861	5806264															
137	HOTHAM	ST	BALACLAVA	1699456	323859	5806249															
139	HOTHAM	ST	BALACLAVA	1937770	323856	5806220															
1	INKERMAN	GR	ST KILDA	1699783	322536	5807198															
2	INKERMAN	GR	ST KILDA	1699784	322513	5807191															
1	INKERMAN	ST	ST KILDA	1699782	322378	5807138															
5	INKERMAN	ST	ST KILDA	1699787	322386	5807137															
7	INKERMAN	ST	ST KILDA	1699789	322391	5807136															
8	INKERMAN	ST	ST KILDA	1699790	322390	5807172															
9	INKERMAN	ST	ST KILDA	1699791	322406	5807134															
10	INKERMAN	ST	ST KILDA	1699792	322397	5807171															
14	INKERMAN	ST	ST KILDA	1699794	322411	5807169															
15	INKERMAN	ST	ST KILDA	1699796	322464	5807136															
18	INKERMAN	ST	ST KILDA	1699797	322427	5807167															
22	INKERMAN	ST	ST KILDA	1937793	322441	5807166															
33	INKERMAN	ST	ST KILDA	1699809	322449	5807128															
36	INKERMAN	ST	ST KILDA	1699810	322469	5807162															
38	INKERMAN	ST	ST KILDA	1699811	322481	5807160															
40	INKERMAN	ST	ST KILDA	1699812	322488	5807159															
49	INKERMAN	ST	ST KILDA	1699813	322523	5807117		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
55	INKERMAN	ST	ST KILDA	1937794	322538	5807115		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
57	INKERMAN	ST	ST KILDA	1699818	322545	5807114		4.00	4.05	4.00	4.80	0.0	0.00	0.00	1	3.746	-0.25	-0.30	-0.25	4	
58	INKERMAN	ST	ST KILDA	1699819	322528	5807153														1	
59	INKERMAN	ST	ST KILDA	1699820	322549	5807113		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
60	INKERMAN	ST	ST KILDA	1699821	322544	5807151		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
61	INKERMAN	ST	ST KILDA	1699822	322563	5807111		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
62	INKERMAN	ST	ST KILDA	1699823	322558	5807149														1	
63	INKERMAN	ST	ST KILDA	1699824	322568	5807110		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
67	INKERMAN	ST	ST KILDA	1699825	322579	5807108		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
67	INKERMAN	ST	ST KILDA	1699826	322578	5807103		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
69	INKERMAN	ST	ST KILDA	1699827	322592	5807107		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
71	INKERMAN	ST	ST KILDA	1699828	322602	5807106		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1	4.759	[illegible]36	0.66	0.76	1	
73	INKERMAN	ST	ST KILDA	1699829	322616	5807104		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
77	INKERMAN	ST	ST KILDA	1699830	322642	5807100		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1	4.571	[illegible]1	0.47	0.57	1	
79	INKERMAN	ST	ST KILDA	1699832	322653	5807099		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1					1	
80	INKERMAN	ST	ST KILDA	1937795	322607	5807142														1	
83	INKERMAN	ST	ST KILDA	1699838	322666	5807096		4.40	4.10	4.00	4.80	0.0	0.00	0.00	1	4.898	[illegible]50	0.80	0.90	1	Outside Calculated Plane
88	INKERMAN	ST	ST KILDA	1937796	322635	5807139														1	
90	INKERMAN	ST	ST KILDA	1699843	322652	5807136														1	
98	INKERMAN	ST	ST KILDA	1699844	322767	5807120		5.50	5.45	5.40	5.40	0.1	0.15	0.01	1					1	
102	INKERMAN	ST	ST KILDA	1699845	322776	5807119		5.55	5.50	5.45	5.40	0.1	0.27	0.04	1					1	
104	INKERMAN	ST	ST KILDA	1699846	322782	5807118		5.60	5.55	5.50	5.40	0.2	0.39	0.08	1					1	
106	INKERMAN	ST	ST KILDA	1937797	322807	5807114		5.65	5.60	5.55	5.40	0.3	0.52	0.13	1					1	
111	INKERMAN	ST	ST KILDA	1699878	322801	5807078		5.65	5.60	5.55	5.40	0.2	0.51	0.13	1	5.44	-0.21	-0.16	-0.11	4	
115	INKERMAN	ST	ST KILDA	1937798	322816	5807075		5.71	5.66	5.61	5.40	0.3	0.66	0.20	1	5.678	[illegible]03	0.02	0.07	2	
116	INKERMAN	ST	ST KILDA	1937799	322826	5807111		5.70	5.65	5.60	5.50	0.2	0.64	0.13	1					1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Flood	50 yr Flood	20 yr Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]n)	(m)	(m)	Category	
119	INKERMAN	ST	ST KILDA	1699933	322830	5807074		5.75	5.70	5.65	5.60	0.2	0.76	0.11	1					1	
122	INKERMAN	ST	ST KILDA	52143	322836	5807110		5.75	5.70	5.65	5.60	0.2	0.76	0.11	1					1	
124	INKERMAN	ST	ST KILDA	1937801	322854	5807107		5.90	5.85	5.80	5.60	0.3	1.13	0.34	1					1	
124	INKERMAN	ST	ST KILDA	1699943	322870	5807110		5.90	5.85	5.80	5.60	0.3	1.13	0.34	1					1	
126	INKERMAN	ST	ST KILDA	1699952	322897	5807101		5.98	5.93	5.88	5.60	0.4	0.69	0.26	1					1	
128	INKERMAN	ST	ST KILDA	1937802	322912	5807099		6.02	5.97	5.92	5.70	0.3	0.61	0.20	1					1	
130	INKERMAN	ST	ST KILDA	65242	322928	5807097		6.05	6.00	5.95	5.80	0.3	0.55	0.14	1					1	
130	INKERMAN	ST	ST KILDA	65243	322928	5807097		6.05	6.00	5.95	5.80	0.3	0.55	0.14	1					1	
132	INKERMAN	ST	ST KILDA	1937804	322944	5807094		6.10	6.05	6.00	5.80	0.3	0.45	0.14	1					1	
134	INKERMAN	ST	ST KILDA	1937805	322957	5807092		6.15	6.10	6.05	5.80	0.4	0.35	0.12	1					1	
135	INKERMAN	ST	ST KILDA	1699990	322872	5807068		5.93	5.88	5.83	5.60	0.3	1.26	0.42	2	5.763	[illegible]17	-0.12	-0.07	4	
150	INKERMAN	ST	ST KILDA	1699991	323024	5807082		6.32	6.27	6.22	6.00	0.3	1.18	0.38	1					1	
152	INKERMAN	ST	ST KILDA	1699992	323034	5807081		6.34	6.29	6.24	6.00	0.3	1.17	0.40	1					1	
154	INKERMAN	ST	ST KILDA	1699993	323044	5807080		6.36	6.31	6.26	6.10	0.3	1.15	0.30	1					1	
156	INKERMAN	ST	ST KILDA	1699994	323054	5807079		6.38	6.33	6.28	6.10	0.3	1.14	0.32	1					1	
162	INKERMAN	ST	ST KILDA	1699995	323068	5807076		6.40	6.35	6.30	6.20	0.2	1.13	0.23	1					1	
163	INKERMAN	ST	ST KILDA	1699996	322936	5807058		6.11	6.06	6.01	5.60	0.5	0.43	0.22	1	6.216	[illegible]11	0.16	0.21	1	
164	INKERMAN	ST	ST KILDA	1699997	323076	5807074		6.42	6.37	6.32	6.20	0.2	1.12	0.25	1					1	
166	INKERMAN	ST	ST KILDA	1699998	323104	5807070		6.50	6.45	6.40	6.20	0.3	1.06	0.32	1	6.495	[illegible]01	0.04	0.10	2	(Map Base says #166) East side of block
171	INKERMAN	ST	ST KILDA	1699999	322959	5807055		6.17	6.12	6.07	5.60	0.6	0.31	0.18	1	6.066	[illegible]11	-0.06	-0.01	4	
173	INKERMAN	ST	ST KILDA	1700000	322970	5807053		6.20	6.15	6.10	6.00	0.2	1.25	0.25	1	6.074	[illegible]13	-0.08	-0.03	4	
174	INKERMAN	ST	ST KILDA					6.47	6.42	6.37	6.20	0.3	1.08	0.29	1	6.67	[illegible]20	0.25	0.30	1	(Map Base says #166) West side of block
175	INKERMAN	ST	ST KILDA	1700001	322981	5807052		6.23	6.18	6.13	6.00	0.2	1.23	0.28	1	6.146	[illegible]08	-0.03	0.02	3	
176	INKERMAN	ST	BALACLAVA	50837	323199	5807055		6.90	6.85	6.81	6.70	0.2	1.13	0.23	1					1	
176	INKERMAN	ST	ST KILDA EAST	50838	323199	5807055		6.90	6.85	6.81	6.70	0.2	1.13	0.23	1					1	
177	INKERMAN	ST	ST KILDA	1700019	322990	5807050		6.25	6.20	6.15	6.00	0.2	1.22	0.30	1	6.03	[illegible]22	-0.17	-0.12	4	
178	INKERMAN	ST	BALACLAVA	1700020	323215	5807054		7.00	6.95	6.91	6.85	0.2	1.14	0.17	1					1	
179	INKERMAN	ST	ST KILDA	1700021	323004	5807048		6.28	6.23	6.18	6.00	0.3	1.20	0.33	1	6.13	[illegible]15	-0.10	-0.05	4	
180	INKERMAN	ST	BALACLAVA	1700022	323229	5807052		7.20	7.15	7.12	6.95	0.3	1.16	0.29	1					1	
181	INKERMAN	ST	ST KILDA	1700023	323016	5807046		6.31	6.26	6.21	6.00	0.3	1.19	0.36	1	6.222	-0.08	-0.03	0.02	3	
182	INKERMAN	ST	BALACLAVA	1700024	323252	5807049		7.40	7.35	7.32	7.20	0.2	1.19	0.24	1					1	
183	INKERMAN	ST	ST KILDA	1700025	323027	5807044		6.33	6.28	6.23	6.00	0.3	1.17	0.39	1	5.98	[illegible]35	-0.30	-0.25	4	
184	INKERMAN	ST	BALACLAVA	1700026	323262	5807047		7.60	7.55	7.53	7.30	0.3	1.22	0.36	1					1	
185	INKERMAN	ST	ST KILDA	1937807	323039	5807042		6.36	6.31	6.26	6.00	0.4	1.16	0.41	2	6.422	[illegible]07	0.12	0.17	1	
186	INKERMAN	ST	BALACLAVA	1700031	323271	5807046		7.80	7.75	7.74	7.40	0.4	1.24	0.50	2	7.761	[illegible]04	0.01	0.03	2	
188	INKERMAN	ST	BALACLAVA	1700032	323292	5807043		7.85	7.80	7.79	7.40	0.4	1.25	0.56	2					1	
189	INKERMAN	ST	ST KILDA	1700033	323049	5807041		6.38	6.33	6.28	6.00	0.4	1.14	0.43	2	6.562	[illegible]18	0.23	0.28	1	
190	INKERMAN	ST	BALACLAVA	1700034	323299	5807042		7.90	7.85	7.84	7.60	0.3	1.25	0.38	1					1	
191	INKERMAN	ST	ST KILDA	1700035	323062	5807039		6.41	6.36	6.31	6.00	0.4	1.06	0.43	2	6.43	[illegible]02	0.07	0.12	1	
192	INKERMAN	ST	BALACLAVA	1700036	323305	5807041		7.95	7.90	7.89	7.70	0.3	1.26	0.32	1					1	
193	INKERMAN	ST	ST KILDA					6.47	6.42	6.37	6.20	0.3	1.08	0.29	1	6.465	[illegible]00	0.04	0.10	2	Unit 1
193	INKERMAN	ST	ST KILDA					6.47	6.42	6.37	6.20	0.3	1.08	0.29	1	6.455	[illegible]01	0.04	0.09	2	Unit 2
193	INKERMAN	ST	ST KILDA	1700037	323082	5807036														1	
193	INKERMAN	ST	ST KILDA					6.47	6.42	6.37	6.20	0.3	1.08	0.29	1	6.488	[illegible]02	0.07	0.12	1	Unit 3
193	INKERMAN	ST	ST KILDA					6.47	6.42	6.37	6.20	0.3	1.08	0.29	1	6.495	[illegible]03	0.08	0.13	1	Unit 4
194	INKERMAN	ST	BALACLAVA	1700038	323313	5807039		8.00	7.95	7.94	7.80	0.2	1.27	0.25	1					1	
196	INKERMAN	ST	BALACLAVA	1700039	323325	5807038		8.10	8.05	8.05	7.80	0.3	1.28	0.38	1					1	
197	INKERMAN	ST	ST KILDA	1700040	323102	5807033		6.49	6.44	6.39	6.10	0.4	1.07	0.42	2					1	
198	INKERMAN	ST	BALACLAVA	1700041	323334	5807036		8.18	8.13	8.13	8.00	0.2	1.29	0.24	1	8.498	[illegible]31	0.37	0.37	1	
200	INKERMAN	ST	BALACLAVA	1700042	323354	5807034		8.37	8.32	8.27	8.00	0.4	1.31	0.48	2	8.795	[illegible]6	0.48	0.53	1	
202	INKERMAN	ST	BALACLAVA	1700043	323361	5807033		8.43	8.38	8.33	8.00	0.4	1.31	0.56	2	8.795	[illegible]37	0.42	0.47	1	
204	INKERMAN	ST	BALACLAVA	1700044	323367	5807032		8.48	8.43	8.38	8.10	0.4	1.31	0.50	2	8.878	[illegible]40	0.45	0.50	1	
206	INKERMAN	ST	BALACLAVA	1700045	323373	5807031		8.54	8.49	8.44	8.20	0.3	1.31	0.44	2	8.878	[illegible]34	0.39	0.44	1	
208	INKERMAN	ST	BALACLAVA	1937808	323384	5807029		8.65	8.60	8.55	8.40	0.3	1.32	0.33	1					1	
210	INKERMAN	ST	BALACLAVA	1937809	323399	5807025		8.75	8.70	8.65	8.50	0.3	1.32	0.33	1					1	
212	INKERMAN	ST	BALACLAVA	1937810	323413	5807023		8.85	8.80	8.75	8.60	0.3	1.33	0.33	1					1	
214	INKERMAN	ST	BALACLAVA	1700074	323427	5807021		9.05	9.00	8.95	8.80	0.3	1.34	0.33	1					1	
216	INKERMAN	ST	BALACLAVA	1700075	323472	5807013		9.45	9.40	9.35	9.00	0.4	1.30	0.58	2					1	
218	INKERMAN	ST	BALACLAVA	1700076	323493	5807010		9.60	9.55	9.50	9.30	0.3	1.30	0.39	1					1	
220	INKERMAN	ST	BALACLAVA	1700077	323505	5807008		9.70	9.65	9.60	9.40	0.3	1.30	0.39	1					1	
222	INKERMAN	ST	BALACLAVA	1700078	323516	5807007		9.75	9.70	9.65	9.50	0.3	1.30	0.33	1					1	
224	INKERMAN	ST	BALACLAVA	1937811	323527	5807005		9.85	9.80	9.75	9.60	0.3	1.30	0.33	1					1	
226	INKERMAN	ST	BALACLAVA	1937812	323556	5807003		10.10	10.05	10.00	9.80	0.3	1.30	0.39	1					1	
228	INKERMAN	ST	BALACLAVA	1937813	323578	5807000		10.30	10.25	10.20	10.00	0.3	1.30	0.39	1					1	
231	INKERMAN	ST	BALACLAVA	1700107	323199	5807014		6.90	6.85	6.81	6.70	0.2	1.13	0.23	1					1	
233	INKERMAN	ST	BALACLAVA	1700108	323206	5807013		7.00	6.95	6.91	6.80	0.2	1.14	0.23	1	7.262	0.26	0.31	0.35	1	
234	INKERMAN	ST	BALACLAVA	1937814	323676	5806991		11.90	11.85	11.80	11.20	0.7	1.40	0.98	3					1	
235	INKERMAN	ST	BALACLAVA	1700115	323214	5807012		7.07	7.02	6.99	6.80	0.3	1.15	0.31	1	7.078	0.09	0.05	0.09	1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
237	INKERMAN	ST	BALACLAVA	1700116	323223	5807010		7.20	7.15	7.12	6.80	0.4	1.16	0.47	2					1	
238	INKERMAN	ST	BALACLAVA	1700117	323688	5806990		11.92	11.87	11.82	11.20	0.7	1.40	1.01	3					1	
240	INKERMAN	ST	ST KILDA	1937815	323710	5806988		11.94	11.89	11.84	11.80	0.1	1.40	0.20	1	12.288	[illegible]	0.40	0.45	1	
242	INKERMAN	ST	ST KILDA					11.98	11.93	11.88	11.90	0.1	1.40	0.11	1					1	
243	INKERMAN	ST	BALACLAVA	1700121	323229	5807009		7.22	7.17	7.14	6.90	0.3	1.17	0.37	1	7.201	-0.02	0.03	0.07	2	
244	INKERMAN	ST	BALACLAVA	1700122	323726	5806987		12.11	12.06	12.01	11.90	0.2	1.40	0.30	1	12.298	[illegible]	0.24	0.29	1	
245	INKERMAN	ST	BALACLAVA	1700123	323238	5807008		7.30	7.25	7.22	7.00	0.3	1.18	0.35	1					1	
247	INKERMAN	ST	BALACLAVA	1700124	323250	5807007		7.42	7.37	7.34	7.10	0.3	1.19	0.38	1	7.321	-0.10	-0.05	-0.02	4	
248	INKERMAN	ST	BALACLAVA	1700125	323748	5806981		12.42	12.37	12.32	12.20	0.2	1.40	0.31	1	12.098	[illegible]32	-0.27	-0.22	4	
251	INKERMAN	ST	BALACLAVA	52220	323277	5807003		7.70	7.65	7.63	7.50	0.2	1.23	0.25	1					1	
254	INKERMAN	ST	BALACLAVA	1700127	323756	5806980		12.53	12.48	12.43	12.20	0.3	1.40	0.46	2	12.588	[illegible]06	0.11	0.16	1	
255	INKERMAN	ST	BALACLAVA	52221	323285	5807002		7.70	7.65	7.63	7.40	0.3	1.23	0.37	1	7.629	-0.07	-0.02	0.00	4	
256	INKERMAN	ST	BALACLAVA	1700129	323765	5806979		12.65	12.60	12.55	12.30	0.4	1.40	0.49	2					1	
257	INKERMAN	ST	BALACLAVA	1700130	323292	5807002		7.83	7.78	7.76	7.50	0.3	1.25	0.40	2	7.586	[illegible]24	-0.19	-0.18	4	
258	INKERMAN	ST	BALACLAVA	1700131	323773	5806978		12.77	12.72	12.67	12.40	0.4	1.40	0.51	2	12.751	[illegible]02	0.04	0.09	2	
259	INKERMAN	ST	BALACLAVA	1700132	323297	5807001		7.87	7.82	7.81	7.60	0.3	1.25	0.34	1	7.759	[illegible]11	-0.06	-0.05	4	
261	INKERMAN	ST	BALACLAVA	1700133	323303	5807000		7.93	7.88	7.87	7.60	0.3	1.26	0.42	2	7.768	[illegible]16	-0.11	-0.10	4	
262	INKERMAN	ST	BALACLAVA	1700134	323780	5806977		12.86	12.81	12.76	12.40	0.5	1.40	0.65	2	12.889	0.03	0.08	0.13	1	
263	INKERMAN	ST	BALACLAVA	1700135	323309	5807000		7.99	7.94	7.93	7.60	0.4	1.27	0.49	2	7.888	-0.10	-0.05	-0.04	4	
264	INKERMAN	ST	BALACLAVA	1700136	323786	5806976		12.95	12.90	12.85	12.50	0.4	1.40	0.62	2	12.889	[illegible]06	-0.01	0.04	3	
265	INKERMAN	ST	BALACLAVA	1700137	323316	5806999		8.06	8.01	8.00	7.80	0.3	1.27	0.33	1	7.891	[illegible]16	-0.11	-0.11	4	
266	INKERMAN	ST	BALACLAVA	1700138	323791	5806975		13.01	12.96	12.91	12.60	0.4	1.40	0.58	2	12.927	[illegible]09	-0.04	0.01	3	
267	INKERMAN	ST	BALACLAVA	1700139	323320	5806998		8.10	8.05	8.04	7.90	0.2	1.28	0.25	1	7.959	[illegible]14	-0.09	-0.08	4	
268	INKERMAN	ST	BALACLAVA	1700140	323810	5806979		13.30	13.25	13.20	12.80	0.5	1.40	0.70	2	13.199	[illegible]10	-0.05	0.00	4	Outside Calculated Plane
269	INKERMAN	ST	BALACLAVA	1700141	323327	5806997		8.16	8.11	8.11	8.00	0.2	1.29	0.21	1	7.951	[illegible]21	-0.16	-0.16	4	
270	INKERMAN	ST	BALACLAVA	51630	323815	5806978		13.45	13.40	13.35	13.20	0.3	1.41	0.35	1	13.287	[illegible]16	-0.11	-0.06	4	Outside Calculated Plane
271	INKERMAN	ST	BALACLAVA	1700143	323345	5806996		8.33	8.28	8.23	8.10	0.2	1.30	0.30	1	8.345	0.02	0.07	0.12	1	
273	INKERMAN	ST	BALACLAVA	1700144	323350	5806996		8.37	8.32	8.27	8.10	0.3	1.31	0.36	1	8.246	[illegible]13	-0.08	-0.03	4	
274	INKERMAN	ST	BALACLAVA	51629	323824	5806977		13.50	13.45	13.40	13.30	0.2	1.42	0.28	1					1	
275	INKERMAN	ST	BALACLAVA	1700146	323355	5806995		8.42	8.37	8.32	8.10	0.3	1.31	0.41	2	8.262	[illegible]15	-0.10	-0.05	4	
276	INKERMAN	ST	BALACLAVA	1700147	323828	5806976		13.55	13.50	13.45	13.10	0.5	1.43	0.64	2	13.504	[illegible]05	0.00	0.05	2	Outside Calculated Plane
277	INKERMAN	ST	BALACLAVA	1700148	323360	5806995		8.46	8.41	8.36	8.10	0.4	1.31	0.47	2	8.276	[illegible]19	-0.14	-0.09	4	
278	INKERMAN	ST	BALACLAVA	49772	323854	5806965		13.80	13.75	13.70	13.60	0.2	1.47	0.29	1					1	
279	INKERMAN	ST	BALACLAVA	1700150	323364	5806994		8.50	8.45	8.40	8.10	0.4	1.31	0.52	2	8.226	[illegible]27	-0.22	-0.17	4	
280	INKERMAN	ST	BALACLAVA	1700151	323862	5806964		14.01	13.96	13.91	13.70	0.3	1.50	0.47	2	13.705	[illegible]21	-0.26	-0.21	4	
281	INKERMAN	ST	BALACLAVA	1937816	323369	5806994		8.54	8.49	8.44	8.20	0.3	1.31	0.45	2	8.368	[illegible]17	-0.12	-0.07	4	
282	INKERMAN	ST	BALACLAVA	1700154	323877	5806962		14.20	14.15	14.10	13.90	0.3	1.53	0.46	2					1	
284	INKERMAN	ST	BALACLAVA	1700155	323890	5806960		14.40	14.35	14.30	14.00	0.4	1.57	0.63	2					1	
285	INKERMAN	ST	BALACLAVA	1700156	323380	5806993		8.64	8.59	8.54	8.30	0.3	1.32	0.45	2	8.613	[illegible]03	0.02	0.07	2	
286	INKERMAN	ST	BALACLAVA	1700157	323903	5806958		14.60	14.55	14.50	14.00	0.6	1.60	0.96	3					1	
287	INKERMAN	ST	BALACLAVA	1700158	323400	5806991		8.82	8.77	8.72	8.40	0.4	1.33	0.55	2	8.728	-0.09	-0.04	0.01	3	
288	INKERMAN	ST	BALACLAVA	1700159	323916	5806956		14.80	14.75	14.70	14.40	0.4	1.60	0.64	2	8.814	-5.99	-5.94	-5.89	4	
290	INKERMAN	ST	BALACLAVA	1700160	323941	5806953		16.02	15.79	15.74	16.00	0.0	1.65	0.03	1					1	
290	INKERMAN	ST	BALACLAVA	1700161	324019	5806944		15.00	14.90	14.80	14.70	0.3	1.65	0.50	2	16.475	1.48	1.58	1.68	1	
292	INKERMAN	ST	BALACLAVA	1937817	324033	5806941		16.25	15.94	15.89	16.20	0.1	1.65	0.08	1					1	
296	INKERMAN	ST	BALACLAVA	50305	324052	5806940		16.40	16.04	15.99	16.20	0.2	1.65	0.33	1	16.602	[illegible]20	0.56	0.61	1	
297	INKERMAN	ST	BALACLAVA	1700185	323433	5806983		9.12	9.07	9.02	8.80	0.3	1.34	0.42	2	9.092	[illegible]02	0.03	0.08	2	
298	INKERMAN	ST	BALACLAVA	1937819	324064	5806937		16.50	16.11	16.06	16.40	0.1	1.65	0.17	1					1	
299	INKERMAN	ST	BALACLAVA	1700191	323438	5806987		9.20	9.15	9.10	9.00	0.2	1.35	0.27	1					1	
300	INKERMAN	ST	BALACLAVA	1700192	324081	5806936		16.89	16.36	16.31	16.70	0.2	1.65	0.31	1	17.231	[illegible]35	0.87	0.92	1	
301	INKERMAN	ST	BALACLAVA	1700193	323442	5806983		9.25	9.20	9.15	9.00	0.3	9.32	2.33	3					1	
302	INKERMAN	ST	BALACLAVA	1700194	324089	5806935		17.00	16.43	16.38	16.80	0.2	1.65	0.33	1					1	
304	INKERMAN	ST	BALACLAVA	1937820	324097	5806933		17.15	16.53	16.48	17.00	0.1	1.65	0.25	1					1	
305	INKERMAN	ST	BALACLAVA	1700206	323467	5806982		9.41	9.36	9.31	9.40	0.0	1.30	0.01	1	9.323	[illegible]08	-0.03	0.02	3	
306	INKERMAN	ST	BALACLAVA	1937821	324115	5806930		17.40	16.69	16.64	17.00	0.4	1.65	0.66	2					1	
307	INKERMAN	ST	BALACLAVA	1700226	323477	5806980		9.49	9.44	9.39	9.40	0.1	1.30	0.12	1	9.386	-0.10	-0.05	0.00	4	
309	INKERMAN	ST	BALACLAVA	1700227	323490	5806979		9.59	9.54	9.49	9.40	0.2	1.30	0.25	1	9.643	0.05	0.10	0.15	1	This is actually Unit 4/309
310	INKERMAN	ST	BALACLAVA	1937822	324130	5806929		17.50	17.45	17.35	17.30	0.2	1.50	0.30	1					1	
312	INKERMAN	ST	BALACLAVA	1700245	324143	5806927		17.60	17.55	17.45	17.40	0.2	1.50	0.30	1					1	
313	INKERMAN	ST	BALACLAVA	1700246	323513	5806975		9.75	9.70	9.65	9.40	0.4	1.30	0.46	2					1	
314	INKERMAN	ST	BALACLAVA	1937823	324157	5806925		17.75	17.70	17.60	17.50	0.3	1.50	0.38	1					1	
315	INKERMAN	ST	BALACLAVA	1700263	323522	5806974		9.94	9.89	9.84	9.50	0.4	1.30	0.57	2	9.955	[illegible]02	0.07	0.12	1	
316	INKERMAN	ST	BALACLAVA	1700264	324173	5806922		17.88	17.83	17.73	17.60	0.3	1.50	0.42	2	17.819	[illegible]06	-0.01	0.09	3	
317	INKERMAN	ST	BALACLAVA	1700265	323537	5806972		10.13	10.08	10.03	9.60	0.5	1.30	0.68	2	9.981	[illegible]15	-0.10	-0.04	4	
318	INKERMAN	ST	BALACLAVA	1700266	324183	5806920		18.05	18.00	17.90	17.60	0.4	1.50	0.67	2	18.05	0.00	0.05	0.15	1	
319	INKERMAN	ST	BALACLAVA	1937824	323554	5806970		10.34	10.29	10.24	9.80	0.5	1.30	0.70	2	10.321	[illegible]02	0.03	0.08	2	
320	INKERMAN	ST	BALACLAVA	1700280	324193	5806919		18.05	18.00	17.90	17.70	0.4	1.50	0.53	2	18.195	[illegible]14	0.19	0.29	1	
322	INKERMAN	ST	BALACLAVA	1700281	324224	5806914		18.40	18.35	18.25	18.10	0.3	1.50	0.45	2					1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
324	INKERMAN	ST	BALACLAVA	51099	324249	5806911		18.58	18.53	18.43	18.20	0.4	1.50	0.57	2					1	
324	INKERMAN	ST	BALACLAVA	1700282	324237	5806913		18.58	18.53	18.43	18.20	0.4	1.50	0.57	2	18.59	[illegible]01	0.06	0.16	1	
325	INKERMAN	ST	ST KILDA													11.172				1	Ground floor units
326	INKERMAN	ST	BALACLAVA	51100	324261	5806910		18.70	18.65	18.55	18.30	0.4	1.50	0.60	2					1	
327	INKERMAN	ST	BALACLAVA	1700291	323669	5806952		11.39	11.34	11.29	11.10	0.3	1.40	0.40	2	11.716	0.33	0.38	0.43	1	
328	INKERMAN	ST	BALACLAVA	1700292	324273	5806908		19.00	18.95	18.85	18.60	0.4	1.50	0.60	2					1	
329	INKERMAN	ST	BALACLAVA	1700293	323679	5806952		11.53	11.48	11.43	11.30	0.2	1.40	0.32	1	11.681	0.16	0.21	0.26	1	
330	INKERMAN	ST	BALACLAVA	1700294	324285	5806909		19.16	19.11	19.01	18.70	0.5	1.50	0.69	2	18.927	[illegible]23	-0.18	-0.08	4	
331	INKERMAN	ST	BALACLAVA	1700295	323693	5806950		11.72	11.67	11.62	11.50	0.2	1.40	0.31	1	11.95	0.23	0.28	0.33	1	
332	INKERMAN	ST	BALACLAVA	1700296	324291	5806908		19.23	19.18	19.08	18.80	0.4	1.50	0.65	2					1	
334	INKERMAN	ST	BALACLAVA	1700297	324297	5806907		19.31	19.26	19.16	18.90	0.4	1.50	0.61	2	19.139	[illegible]17	-0.12	-0.02	4	
336	INKERMAN	ST	BALACLAVA	1700298	324304	5806906		19.40	19.35	19.25	19.00	0.4	1.50	0.60	2					1	
338	INKERMAN	ST	BALACLAVA	1700299	324314	5806905		19.51	19.46	19.36	19.10	0.4	1.50	0.62	2	19.417	0.10	-0.05	0.05	3	
342	INKERMAN	ST	BALACLAVA	1700300	324340	5806900		19.80	19.70	19.60	19.70	0.1	1.50	0.15	1					1	
344	INKERMAN	ST	ST KILDA	1700301	324347	5806900		20.00	19.90	19.80	19.80	0.2	1.50	0.30	1	20.288	[illegible]29	0.39	0.49	1	
346	INKERMAN	ST	BALACLAVA	1700302	324354	5806900		20.10	20.00	19.90	19.90	0.2	1.50	0.30	1					1	
348	INKERMAN	ST	BALACLAVA	1700303	324361	5806899		20.21	20.11	20.01	20.00	0.2	1.50	0.31	1	20.495	0.[illegible]	0.39	0.49	1	
350	INKERMAN	ST	BALACLAVA	1700304	324367	5806899		20.10	20.00	19.90	20.10	0.0	1.50	0.00	1	20.823	0.72	0.82	0.92	1	
351	INKERMAN	ST	BALACLAVA	1700305	323760	5806943		12.50	12.45	12.40	20.20	0.0	1.40	0.00	1					1	
352	INKERMAN	ST	BALACLAVA	1700306	324373	5806899		20.30	20.65	20.55	20.10	0.2	1.50	0.30	1					1	
353	INKERMAN	ST	BALACLAVA	1700307	323768	5806942		12.76	12.71	12.66	12.40	0.4	1.40	0.50	2	12.604	[illegible]15	-0.10	-0.05	4	
354	INKERMAN	ST	BALACLAVA	1700308	324380	5806898		20.40	20.75	20.65	20.20	0.2	1.50	0.30	1					1	
355	INKERMAN	ST	BALACLAVA	1700309	323780	5806940		13.00	12.95	12.90	12.60	0.4	1.40	0.56	2	12.56	[illegible]44	-0.39	-0.34	4	1st block East of #353 Inkerman
356	INKERMAN	ST	BALACLAVA	1700310	324386	5806897		20.50	20.40	20.30	20.40	0.1	1.50	0.15	1						
358	INKERMAN	ST	BALACLAVA	1700311	324392	5806896		20.68	20.58	20.48	20.60	0.1	1.50	0.12	1	21.097	0.[illegible]	0.52	0.62		
360	INKERMAN	ST	BALACLAVA	1700312	324399	5806896		20.78	20.68	20.58	20.70	0.1	1.50	0.13	1	21.097	0.[illegible]	0.41	0.51		
362	INKERMAN	ST	BALACLAVA	1700313	324405	5806895		20.90	20.80	20.70	20.80	0.1	1.50	0.15	1						
364	INKERMAN	ST	BALACLAVA	1937825	324407	5806891		21.00	20.90	20.80	20.80	0.2	1.50	0.30	1						
366	INKERMAN	ST	BALACLAVA	1700317	324435	5806892		21.46	21.41	21.31	20.10	1.4	1.50	2.05	3	21.412	[illegible]15	0.00	0.10	3	
368	INKERMAN	ST	BALACLAVA	1700318	324442	5806888		21.43	21.38	21.28	20.10	1.3	1.50	1.99	3	21.412	[illegible]0[illegible]	0.03	0.13	2	
370	INKERMAN	ST	BALACLAVA	1700319	324449	5806891		21.57	21.52	21.42	21.00	0.6	1.50	0.86	3	21.451	[illegible]12	-0.07	0.03	3	
372	INKERMAN	ST	BALACLAVA	1700320	324455	5806887		21.53	21.48	21.38	21.20	0.3	1.50	0.49	2	21.451	-0.07	-0.02	0.08	3	
374	INKERMAN	ST	BALACLAVA	1700321	324464	5806885		21.58	21.53	21.43	21.30	0.3	1.50	0.43	2	21.935	0.35	0.40	0.50		
375	INKERMAN	ST	ST KILDA					13.05	13.00	12.95	12.50	0.6	1.40	0.77	2	12.902	[illegible]05	-0.10	-0.05	4	
376	INKERMAN	ST	BALACLAVA	1700322	324478	5806883		21.74	21.69	21.59	21.40	0.3	1.50	0.51	2	21.935	0.19	0.24	0.34	1	
378	INKERMAN	ST	BALACLAVA	1700323	324493	5806881		21.91	21.86	21.76	21.60	0.3	1.50	0.46	2	22.14	0.23	0.28	0.38	1	
380	INKERMAN	ST	BALACLAVA	1937826	324507	5806880		22.10	22.05	21.95	21.70	0.4	1.50	0.60	2					1	
382	INKERMAN	ST	BALACLAVA	1700353	324522	5806877		22.30	22.25	22.15	21.80	0.5	1.50	0.75	2					1	
384	INKERMAN	ST	BALACLAVA	1700354	324530	5806877		22.35	22.25	22.30	22.00	0.4	1.40	0.49	2					1	
385	INKERMAN	ST	BALACLAVA	1700355	323797	5806940		13.15	13.10	13.05	12.60	0.6	1.40	0.77	2	13.594	0.44	0.49	0.54	1	
385	INKERMAN	ST	BALACLAVA	1700356	323831	5806934		13.15	13.10	13.05	12.60	0.6	1.40	0.77	2					1	
386	INKERMAN	ST	BALACLAVA	1700357	324542	5806875		22.70	22.60	22.55	22.30	0.4	1.30	0.52	2					1	
388	INKERMAN	ST	BALACLAVA	1700358	324560	5806873		23.19	23.10	23.05	22.40	0.8	1.20	0.95	3	23.773	[illegible]53	0.67	0.72	1	
389	INKERMAN	ST	BALACLAVA	1700359	323845	5806932		13.83	13.78	13.73	13.50	0.3	1.47	0.48	2	13.583	-0.24	-0.19	-0.14	4	
390	INKERMAN	ST	BALACLAVA	1937827	324590	5806869		23.53	23.43	23.38	13.20	10.3	44.23	457.10	3	23.909	0.38	0.48	0.53	1	
391	INKERMAN	ST	BALACLAVA	1700366	323857	5806930		14.00	13.95	13.90	13.60	0.4	1.50	0.60	2	13.52	-0.48	-0.43	-0.38	4	
392	INKERMAN	ST	BALACLAVA	1700367	324605	5806866															
393	INKERMAN	ST	BALACLAVA	1700368	323867	5806928		14.15	14.10	14.05	13.80	0.4	1.53	0.53	2					1	
394	INKERMAN	ST	BALACLAVA	1700369	324616	5806865															
395	INKERMAN	ST	BALACLAVA	1700378	323876	5806927		14.27	14.22	14.17	13.90	0.4	1.54	0.56	2	14.255	0.01	0.04	0.09	2	
396	INKERMAN	ST	BALACLAVA	1700379	324629	5806863															
397	INKERMAN	ST	BALACLAVA	1700380	323886	5806926		14.40	14.35	14.30	14.00	0.4	1.57	0.63	2					1	
398	INKERMAN	ST	BALACLAVA	1700381	324645	5806860															
399	INKERMAN	ST	ST KILDA					14.50	14.45	14.40	14.10	0.4	1.58	0.63	2	14.288	-0.21	-0.16	-0.11	4	
400	INKERMAN	ST	BALACLAVA	1700382	324658	5806859															
401	INKERMAN	ST	BALACLAVA	1700383	323912	5806924		14.75	14.70	14.65	14.30	0.4	1.60	0.72	2					1	
402	INKERMAN	ST	BALACLAVA	1700384	324672	5806858															
403	INKERMAN	ST	BALACLAVA	1700385	323917	5806923		14.90	14.85	14.80	14.40	0.5	1.60	0.80	2					1	
404	INKERMAN	ST	BALACLAVA	1700386	324687	5806855															
405	INKERMAN	ST	BALACLAVA	1700387	323924	5806922		15.03	14.98	14.93	14.50	0.5	1.60	0.85	3	14.663	[illegible]37	-0.32	-0.27	4	
406	INKERMAN	ST	BALACLAVA	1700388	324703	5806854															
407	INKERMAN	ST	BALACLAVA	1700389	323930	5806921		15.08	15.03	14.98	14.60	0.5	1.60	0.76	2	14.669	[illegible]3[illegible]	-0.36	-0.31	4	
408	INKERMAN	ST	BALACLAVA	1700390	324718	5806851															
409	INKERMAN	ST	BALACLAVA	1700391	323936	5806921		15.12	15.07	15.02	14.70	0.4	1.60	0.67	2						
411	INKERMAN	ST	BALACLAVA	1700392	323942	5806920		15.16	15.11	15.06	14.80	0.4	1.60	0.58	2	14.872	[illegible]29	-0.24	-0.19	1	
413	INKERMAN	ST	BALACLAVA	1700393	323945	5806917		15.20	15.15	15.10	14.90	0.3	1.60	0.48	2	15.027	[illegible]25	-0.13	-0.08	4	
415	INKERMAN	ST	BALACLAVA	1700394	323951	5806916		15.25	15.20	15.15	15.00	0.3	1.60	0.40	1	15.092	[illegible]16	-0.11	-0.06	4	
497	INKERMAN	ST	ST KILDA													20.471					Location on Flood Extent Maps Unknown

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
499	INKERMAN	ST	ST KILDA													20.658					Location on Flood Extent Maps Unknown
503	INKERMAN	ST	ST KILDA													21.442					Location on Flood Extent Maps Unknown
513	INKERMAN	ST	ST KILDA													22.069					Location on Flood Extent Maps Unknown
515	INKERMAN	ST	ST KILDA													22.617					Location on Flood Extent Maps Unknown
517	INKERMAN	ST	ST KILDA													22.987					Location on Flood Extent Maps Unknown
1097	INKERMAN	ST	ST KILDA					5.65	5.60	5.55	5.40	0.3	0.51	0.13	1	5.698	0.[illegible]95	0.10	0.15	1	S/E Cnr Inkerman/laneway - West of #111 Inkerman
967	INKERMAN	ST	ST KILDA					5.60								5.638	3.64			1	S/W Cnr Inkerman/laneway - East of #306 ST Kilda
	INKERMAN	ST	ST KILDA					6.62								6.538	[illegible]			2	S/W Cnr Chapel/Inkerman
	INKERMAN	ST	ST KILDA													12.793					2nd block East of #353 Inkerman
	INKERMAN	ST	ST KILDA		322819	5807114		5.73								7	[illegible]27				
	INKERMAN	ST	ST KILDA					15.66	15.61	15.56	15.20	0.5	1.60	0.74	2	15.865	[illegible]21	0.26	0.31	0	N/E Cnr Hotham/Inkerman
1	IRWELL	ST	ST KILDA	1700400	322174	5806740		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2		[illegible]			1	
2	IRWELL	ST	ST KILDA	1700401	322174	5806772		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2		[illegible]			1	
3	IRWELL	ST	ST KILDA	1700402	322185	5806750		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2		[illegible]			1	
4	IRWELL	ST	ST KILDA	1937828	322188	5806787		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2	3.012	-[illegible]0	-0.59	-0.49	4	
5	IRWELL	ST	ST KILDA	1700417	322190	5806757		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2	3.362	-[illegible]74	-0.24	-0.14	4	"Flood" assumed from pondage
6	IRWELL	ST	ST KILDA	1700418	322198	5806799		3.70	3.60	3.50	2.80	0.9	0.50	0.45	2	3.355	-[illegible]35	-0.25	-0.15	4	VELOCITY ESTIMATED AS 0.5M/S
7	IRWELL	ST	ST KILDA	1700419	322198	5806767		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2		[illegible]			1	
9	IRWELL	ST	ST KILDA	1700420	322208	5806776		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2	3.201	-[illegible]50	-0.40	-0.30	4	"Flood" assumed from pondage
11	IRWELL	ST	ST KILDA	1700421	322213	5806780		3.70	3.60	3.50	2.60	1.1	0.50	0.55	2	3.201	-[illegible]50	-0.40	-0.30	4	"Flood" assumed from pondage
13	IRWELL	ST	ST KILDA	1700422	322219	5806785		3.70	3.60	3.50	2.80	0.9	0.50	0.45	2	3.387	-0.31	-0.21	-0.11	4	"Flood" assumed from pondage
15	IRWELL	ST	ST KILDA	1700423	322229	5806790		3.70	3.60	3.50	3.00	0.7	0.50	0.35	1	3.387	-0.31	-0.21	-0.11	4	"Flood" assumed from pondage
17	IRWELL	ST	ST KILDA	1937829	322250	5806803		3.70	3.60	3.50	3.20	0.5	0.50	0.25	1		[illegible]			1	
1	KALYMNA	GR	BALACLAVA	1700777	324410	5806925											[illegible]				
2	KALYMNA	GR	BALACLAVA	1700778	324444	5806919		21.70	21.65	21.60	20.80	0.9	0.00	0.00	1		[illegible]				
3	KALYMNA	GR	BALACLAVA	1700779	324411	5806931											[illegible]				
4	KALYMNA	GR	BALACLAVA	1700780	324445	5806926		21.70	21.65	21.60	20.80	0.9	0.00	0.00	1		[illegible]				
5	KALYMNA	GR	BALACLAVA	1700781	324412	5806937											[illegible]				
6	KALYMNA	GR	BALACLAVA	1700782	324446	5806936		21.70	21.65	21.60	20.80	0.9	0.00	0.00	1		[illegible]				
7	KALYMNA	GR	BALACLAVA	1700783	324413	5806943											[illegible]				
8	KALYMNA	GR	BALACLAVA	1700784	324448	5806949		21.90	21.85	21.80	20.80	1.1	0.00	0.00	1		[illegible]				
9	KALYMNA	GR	BALACLAVA	1700785	324414	5806954											[illegible]				
10	KALYMNA	GR	BALACLAVA	1700786	324449	5806959		22.10	22.05	22.00	20.80	1.3	0.00	0.00	1		[illegible]				
12	KALYMNA	GR	BALACLAVA	1700787	324449	5806966		22.30	22.25	22.20	20.80	1.5	0.00	0.00	1		[illegible]				
13	KALYMNA	GR	BALACLAVA	1700788	324415	5806962											[illegible]				
14	KALYMNA	GR	BALACLAVA	1700789	324450	5806972		22.30	22.25	22.20	20.80	1.5	0.00	0.00	1		[illegible]				
15	KALYMNA	GR	BALACLAVA	1700790	324416	5806968											[illegible]				
16	KALYMNA	GR	BALACLAVA	1700791	324451	5806977		22.30	22.25	22.20	20.80	1.5	0.00	0.00	1		[illegible]				
17	KALYMNA	GR	BALACLAVA	1700792	324416	5806976											[illegible]				
18	KALYMNA	GR	BALACLAVA	1700793	324452	5806986		22.40	22.35	22.30	20.80	1.6	0.00	0.00	1		[illegible]				
19	KALYMNA	GR	BALACLAVA	1700794	324417	5806981											[illegible]				
20	KALYMNA	GR	BALACLAVA	1700795	324453	5806999											[illegible]				
21	KALYMNA	GR	BALACLAVA	1700796	324418	5806988											[illegible]				
22	KALYMNA	GR	BALACLAVA	1700797	324455	5807012											[illegible]				
23	KALYMNA	GR	BALACLAVA	1700798	324418	5806994											[illegible]				
24	KALYMNA	GR	BALACLAVA	1700799	324457	5807024											[illegible]				
25	KALYMNA	GR	BALACLAVA	1937850	324420	5807004											[illegible]				
27	KALYMNA	GR	BALACLAVA	1700808	324422	5807017											[illegible]				
29	KALYMNA	GR	BALACLAVA	1700810	324424	5807030											[illegible]				
46	LANSDOWNE	RD	BALACLAVA	51376	324522	5807024											[illegible]				
48	LANSDOWNE	RD	BALACLAVA	1701243	324520	5807013											[illegible]				
48	LANSDOWNE	RD	BALACLAVA	1701244	324519	5807009											[illegible]				
50	LANSDOWNE	RD	BALACLAVA	1701246	324519	5806997											[illegible]				
51	LANSDOWNE	RD	BALACLAVA	1701247	324554	5807016											[illegible]				
52	LANSDOWNE	RD	BALACLAVA	1701254	324516	5806983		22.90	22.85	22.80	22.60	0.3	0.00	0.00	1		[illegible]				
53	LANSDOWNE	RD	BALACLAVA	1937880	324546	5807007											[illegible]				
54	LANSDOWNE	RD	BALACLAVA	1701265	324515	5806970		22.90	22.85	22.80	22.40	0.5	0.00	0.00	1		[illegible]				
55	LANSDOWNE	RD	BALACLAVA	1937881	324545	5806994											[illegible]				
56	LANSDOWNE	RD	BALACLAVA	1937882	324513	5806959		22.90	22.85	22.80	22.30	0.6	0.00	0.00	1		[illegible]				
57	LANSDOWNE	RD	BALACLAVA	1937883	324549	5806976		22.90	22.85	22.80	22.40	0.5	0.00	0.00	1		[illegible]				
58	LANSDOWNE	RD	BALACLAVA	1937884	324512	5806945		22.90	22.85	22.80	22.20	0.7	0.00	0.00	1	22.604	-[illegible]30	-0.25	-0.20	4	
61	LANSDOWNE	RD	BALACLAVA	1937885	324540	5806956		22.90	22.85	22.80	22.20	0.7	0.00	0.00	1	23.417	[illegible]				
62	LANSDOWNE	RD	BALACLAVA	67585	324531	5806924		22.90	22.85	22.80	22.20	0.7	0.00	0.00	1		[illegible]				
1	LINTON	ST	BALACLAVA	1701371	323317	5806970		8.00				8.0	0.30	2.40	3		[illegible]				ESTIMATED DEPTHS ONLY
2	LINTON	ST	BALACLAVA	1701372	323346	5806965		0.20				0.2	0.30	0.06	1		[illegible]				
3	LINTON	ST	BALACLAVA	1701373	323316	5806963		0.20				0.2	0.30	0.06	1		[illegible]				
4	LINTON	ST	BALACLAVA	1701374	323345	5806957		0.20				0.2	0.30	0.06	1		[illegible]				
5	LINTON	ST	BALACLAVA	1701375	323315	5806956		0.20				0.2	0.30	0.06	1		[illegible]				

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
6	LINTON	ST	BALACLAVA	1701376	323343	5806947		0.20				0.2	0.30	0.06	1						
6	LINTON	ST	BALACLAVA	1701377	323344	5806937		0.20				0.2	0.30	0.06	1						
7	LINTON	ST	BALACLAVA	1701378	323314	5806946		0.20				0.2	0.30	0.06	1						
8	LINTON	ST	BALACLAVA	1701379	323341	5806928		0.15				0.2	0.30	0.05	1						
10	LINTON	ST	BALACLAVA	1701380	323340	5806919		0.15				0.2	0.30	0.05	1						
11	LINTON	ST	BALACLAVA	1701381	323313	5806935		0.15				0.2	0.30	0.05	1						
12	LINTON	ST	BALACLAVA	1701382	323342	5806920		0.15				0.2	0.20	0.03	1						
12	LINTON	ST	BALACLAVA	1701383	323339	5806909		0.15				0.2	0.20	0.03	1						
13	LINTON	ST	BALACLAVA	1701384	323313	5806928		0.15				0.2	0.20	0.03	1						
14	LINTON	ST	BALACLAVA	1701385	323338	5806900		0.15				0.2	0.20	0.03	1						
14	LINTON	ST	BALACLAVA	1701386	323338	5806896		0.15				0.2	0.20	0.03	1						
15	LINTON	ST	BALACLAVA	1701387	323311	5806922		0.15				0.2	0.20	0.03	1						
16	LINTON	ST	BALACLAVA	1701388	323337	5806888		0.15				0.2	0.20	0.03	1						
17	LINTON	ST	BALACLAVA	1701389	323311	5806912		0.15				0.2	0.20	0.03	1						
18	LINTON	ST	BALACLAVA	1701390	323335	5806880		0.15				0.2	0.20	0.03	1						
19	LINTON	ST	BALACLAVA	1701391	323309	5806903		0.15				0.2	0.20	0.03	1						
20	LINTON	ST	BALACLAVA	1701392	323335	5806872		0.10				0.1	0.10	0.01	1						
21	LINTON	ST	BALACLAVA	1937888	323308	5806890		0.15				0.2	0.10	0.02	1						
22	LINTON	ST	BALACLAVA	1701395	323334	5806866		0.15				0.2	0.10	0.02	1						
24	LINTON	ST	BALACLAVA	1701397	323333	5806859		0.15				0.2	0.10	0.02	1						
25	LINTON	ST	BALACLAVA	1937889	323305	5806872		0.15				0.2	0.10	0.02	1						
26	LINTON	ST	BALACLAVA	1701404	323332	5806850		0.15				0.2	0.10	0.02	1						
28	LINTON	ST	BALACLAVA	1701406	323308	5806841		0.15				0.2	0.10	0.02	1						
39	LINTON	ST	BALACLAVA	1701408	323306	5806861		0.15				0.2	0.10	0.02	1						
41	LINTON	ST	BALACLAVA	1701409	323305	5806855		0.15				0.2	0.10	0.02	1						
	LINTON	ST	BALACLAVA	82597	323354	5806835															
1	LYELL	ST	ST KILDA	1701601	322544	5807087		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1	3.853	-0.[illegible]	-0.25	-0.15	4	
2	LYELL	ST	ST KILDA	1701602	322564	5807074		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1	3.865	-0.[illegible]4	-0.23	-0.14	4	
3	LYELL	ST	ST KILDA	1701603	322544	5807081		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1						
4	LYELL	ST	ST KILDA	1701604	322562	5807063		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1						
7	LYELL	ST	ST KILDA	1701605	322542	5807067		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1						
	LYELL	ST	ST KILDA	82175	322561	5807054															
	LYELL	ST	ST KILDA	82176	322560	5807044															
1	LYNOTT	ST	ST KILDA	1701631	322967	5806889		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
2	LYNOTT	ST	ST KILDA	1701632	322941	5806893		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
4	LYNOTT	ST	ST KILDA	1701634	322940	5806886		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
5	LYNOTT	ST	ST KILDA	1701635	322965	5806872		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
6	LYNOTT	ST	ST KILDA	1701636	322940	5806880		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
7	LYNOTT	ST	ST KILDA	1701637	322964	5806863		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
8	LYNOTT	ST	ST KILDA	1701638	322940	5806873		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
9	LYNOTT	ST	ST KILDA	1701639	322963	5806853		5.15	5.10	5.05	4.40	0.8	0.00	0.00	1						
1	MARINE	AV	ST KILDA	1701712	322000	5806066		1.60	1.50	1.40	1.80	-0.2	0.00	0.00	1						
1	MARINE	AV	ST KILDA	1701715	322006	5806068															
2	MARINE	AV	ST KILDA	1701716	322005	5806036															
3	MARINE	AV	ST KILDA	1701719	322014	5806067															
4	MARINE	AV	ST KILDA	1701722	322019	5806038															
5	MARINE	AV	ST KILDA	1701725	322027	5806070															
6	MARINE	AV	ST KILDA	1937903	322033	5806041															
7	MARINE	AV	ST KILDA	1701740	322043	5806061															
9	MARINE	AV	ST KILDA	1701743	322043	5806050															
3	MARINE	PDE	ST KILDA	1937902	321892	5806567															
5	MARINE	PDE	ST KILDA	49543	321893	5806552															
6	MARINE	PDE	ST KILDA	1701731	321895	5806541															
7	MARINE	PDE	ST KILDA	1701739	321896	5806534															
8	MARINE	PDE	ST KILDA	1701741	321897	5806528															
9	MARINE	PDE	ST KILDA	1701742	321897	5806521															
10	MARINE	PDE	ST KILDA	1701744	321899	5806513															
11	MARINE	PDE	ST KILDA	1937904	321900	5806498		1.60	1.35	n\a	1.60	0.0	0.00	0.00	1					0	
12	MARINE	PDE	ST KILDA	1937905	321903	5806478		1.60	1.35	n\a	1.60	0.0	0.00	0.00	1					0	
14	MARINE	PDE	ST KILDA	27594	321905	5806458		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
15	MARINE	PDE	ST KILDA	27595	321906	5806447		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
17	MARINE	PDE	ST KILDA	1937906	321909	5806432		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
18	MARINE	PDE	ST KILDA	1937907	321911	5806418		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
19	MARINE	PDE	ST KILDA	1937908	321912	5806404		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
20	MARINE	PDE	ST KILDA	1937909	321914	5806391		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
21	MARINE	PDE	ST KILDA	1701938	321916	5806380		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
22	MARINE	PDE	ST KILDA	1701939	321918	5806365		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1					1	
23	MARINE	PDE	ST KILDA	1701940	321919	5806351		1.60	1.35	n\a	1.40	0.2	0.00	0.00	1					1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	1[illegible] yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
24	MARINE	PDE	ST KILDA	1701941	321920	5806338		1.60	1.35	n\a	1.30	0.3	0.00	0.00	1					1	
25	MARINE	PDE	ST KILDA	1937910	321922	5806324		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1	1.551	-0.05	0.20	n/a	2	"Flood" assumed from pondage
28	MARINE	PDE	ST KILDA	1701949	321924	5806310		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1					1	
29	MARINE	PDE	ST KILDA	1937911	321926	5806297		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1	1.664	0.06	0.31	n/a	1	"Flood" assumed from pondage
30	MARINE	PDE	ST KILDA	1937912	321930	5806261		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1	1.866	0.27	0.52	n/a	1	"Flood" assumed from pondage
31	MARINE	PDE	ST KILDA	1701967	321933	5806251		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1					1	
32	MARINE	PDE	ST KILDA	1701968	321933	5806238		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1					1	
34	MARINE	PDE	ST KILDA	31125	321936	5806211		1.60	1.35	n\a	1.20	0.4	0.00	0.00	1					1	
35	MARINE	PDE	ST KILDA	1701973	321938	5806190		1.60	1.35	n\a	1.30	0.3	0.00	0.00	1					1	
36	MARINE	PDE	ST KILDA	1937914	321944	5806150		1.60	1.35	n\a	1.30	0.3	0.00	0.00	1					1	
39	MARINE	PDE	ST KILDA	1937915	321947	5806124		1.60	1.35	n\a	1.50	0.1	0.00	0.00	1	1.823	0.22	0.47	n/a	1	Outside Calculated Plane
40	MARINE	PDE	ST KILDA	1937916	321953	5806110		1.60	1.35	n\a	1.70	-0.1	0.00	0.00	1					1	
41	MARINE	PDE	ST KILDA	1701994	321952	5806087		1.60	1.35	n\a	1.70	-0.1	0.00	0.00	1					1	
42	MARINE	PDE	ST KILDA	1701995	321955	5806063		1.60	1.35	n\a	1.70	-0.1	0.00	0.00	1	2.169	0.57	0.82	n/a	1	"Flood" assumed from pondage
43	MARINE	PDE	ST KILDA	1937917	321959	5806031		1.60	1.35	n\a	1.70	-0.1	0.00	0.00	1					0	
44	MARINE	PDE	ST KILDA	1702011	321961	5806018		1.60	1.35	n\a	1.70	-0.1	0.00	0.00	1					0	
45	MARINE	PDE	ST KILDA	1702012	321962	5806009															
46	MARINE	PDE	ST KILDA	1702013	321964	5805998															
47	MARINE	PDE	ST KILDA	1702014	321965	5805985															
48	MARINE	PDE	ST KILDA	1702015	321967	5805971															
49	MARINE	PDE	ST KILDA	1702016	321969	5805958															
50	MARINE	PDE	ST KILDA	1702017	321970	5805944															
4	MARKET	ST	ST KILDA	1702093	322642	5807062		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1	4.272	4.13	0.17	0.27	2	
6	MARKET	ST	ST KILDA	1702094	322642	5807055		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1	4.234	4.17	0.13	0.23	2	
7	MARKET	ST	ST KILDA	1702095	322611	5807045		4.40	4.10	4.00	3.70	0.7	0.00	0.00	1	3.914	4.[illegible]	-0.19	-0.09	4	
8	MARKET	ST	ST KILDA	1702096	322640	5807051		4.40	4.10	4.00	3.80	0.6	0.00	0.00	1	4.234	4.17	0.13	0.23	2	
10	MARKET	ST	ST KILDA	1702097	322640	5807042		4.40	4.10	4.00	3.70	0.7	0.00	0.00	1	4.187	4.21	0.09	0.19	2	
11	MARKET	ST	ST KILDA	1702098	322610	5807035		4.45	4.15	4.05	3.60	0.9	0.00	0.00	1	4.36	4.09	0.21	0.31	2	
12	MARKET	ST	ST KILDA	1702099	322638	5807036		4.40	4.10	4.00	3.60	0.8	0.00	0.00	1	4.283	4.12	0.18	0.28	2	
13	MARKET	ST	ST KILDA	1702100	322608	5807025		4.45	4.15	4.05	3.60	0.9	0.00	0.00	1					1	
14	MARKET	ST	ST KILDA	1702101	322637	5807029		4.53	4.23	4.13	3.60	0.9	0.00	0.00	1	4.283	4.28	0.05	0.15	2	
15	MARKET	ST	ST KILDA	1702102	322607	5807013		4.50	4.10	4.00	3.60	0.9	0.00	0.00	1	3.904	4.[illegible]	-0.20	-0.10	4	
16	MARKET	ST	ST KILDA	1702103	322636	5807022		4.53	4.23	4.13	3.60	0.9	0.00	0.00	1	3.932	4.[illegible]60	-0.30	-0.20	4	
17	MARKET	ST	ST KILDA	1702104	322602	5806967		4.50	4.20	4.10	3.60	0.9	0.00	0.00	1	3.766	4.[illegible]73	-0.43	-0.33	4	
18	MARKET	ST	ST KILDA	1702105	322635	5807008		4.50	4.20	4.10	3.60	0.9	0.00	0.00	1					1	
19	MARKET	ST	ST KILDA	1702106	322601	5806956		4.50	4.20	4.10	3.60	0.9	0.00	0.00	1	4.107	4.[illegible]	-0.09	0.01	3	
20	MARKET	ST	ST KILDA	1702107	322634	5806998		4.50	4.20	4.10	3.50	1.0	0.40	0.40	1					0	
1	MARLBOROUG	ST	BALACLAVA	1702114	323158	5806592		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.631	-0.12	-0.07	-0.02	4	"Flood" assumed from pondage
3	MARLBOROUG	ST	BALACLAVA	1702115	323167	5806591		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.721	-0.03	0.02	0.07	2	"Flood" assumed from pondage
4	MARLBOROUG	ST	BALACLAVA	1702116	323170	5806619		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
5	MARLBOROUG	ST	BALACLAVA	1702117	323174	5806590		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.721	-0.03	0.02	0.07	2	"Flood" assumed from pondage
6	MARLBOROUG	ST	BALACLAVA					5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
7	MARLBOROUG	ST	BALACLAVA	1702118	323180	5806589		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.738	-0.01	0.04	0.09	2	"Flood" assumed from pondage
8	MARLBOROUG	ST	BALACLAVA					5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
9	MARLBOROUG	ST	BALACLAVA	1702119	323187	5806588		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.738	-0.01	0.04	0.09	2	"Flood" assumed from pondage
11	MARLBOROUG	ST	BALACLAVA	1702120	323196	5806587		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.903	0.15	0.20	0.25	1	"Flood" assumed from pondage
13	MARLBOROUG	ST	BALACLAVA	1702121	323206	5806585		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.95	0.20	0.25	0.30	1	"Flood" assumed from pondage
15	MARLBOROUG	ST	BALACLAVA	1702122	323215	5806584		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	5.95	0.20	0.25	0.30	1	"Flood" assumed from pondage
17	MARLBOROUG	ST	BALACLAVA	1702123	323221	5806584		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	5.903	0.15	0.20	0.25	1	"Flood" assumed from pondage
19	MARLBOROUG	ST	BALACLAVA	1702124	323226	5806583		5.75	5.70	5.65	5.50	0.3	0.00	0.00	1	6.085	0.34	0.39	0.44	1	"Flood" assumed from pondage
21	MARLBOROUG	ST	BALACLAVA	1702125	323231	5806582		5.75	5.70	5.65	5.50	0.3	0.00	0.00	1			1.00	-5.65	4	
22	MARLBOROUG	ST	BALACLAVA	1702126	323236	5806610		5.75	5.70	5.65	5.50	0.3	0.00	0.00	1			1.00	-5.65	4	
23	MARLBOROUG	ST	BALACLAVA	1702127	323236	5806581		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1			1.00	-5.65	4	
24	MARLBOROUG	ST	BALACLAVA	1937926	323243	5806609		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1			1.00	-5.65	4	
25	MARLBOROUG	ST	BALACLAVA	1702131	323241	5806580		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1			1.00	-5.65	4	
26	MARLBOROUG	ST	BALACLAVA	1702132	323249	5806608		5.75	5.70	5.65	5.70	0.0	0.00	0.00	1			0.00	-5.65	4	
27	MARLBOROUG	ST	BALACLAVA	1702133	323254	5806579		5.75	5.70	5.65	5.80	0.0	0.00	0.00	1			0.00	-5.65	4	
30	MARLBOROUG	ST	BALACLAVA	1702134	323292	5806602															
31	MARLBOROUG	ST	BALACLAVA	1702135	323279	5806575															
33	MARLBOROUG	ST	BALACLAVA	1702136	323287	5806574															
35	MARLBOROUG	ST	BALACLAVA	1702137	323294	5806573															
36	MARLBOROUG	ST	BALACLAVA	1702138	323306	5806601															
37	MARLBOROUG	ST	BALACLAVA	1702139	323303	5806572															
38	MARLBOROUG	ST	BALACLAVA	1702140	323314	5806600															
39	MARLBOROUG	ST	BALACLAVA	1702141	323309	5806571															
40	MARLBOROUG	ST	BALACLAVA	1702142	323320	5806599															
41	MARLBOROUG	ST	BALACLAVA	1702143	323316	5806570															
42	MARLBOROUG	ST	BALACLAVA	1702144	323326	5806598															

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Flash Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
43	MARLBOROUG	ST	BALACLAVA	1702145	323324	5806369															
44	MARLBOROUG	ST	BALACLAVA	1702146	323332	5806597															
45	MARLBOROUG	ST	BALACLAVA	1702147	323333	5806567															
46	MARLBOROUG	ST	BALACLAVA	1702148	323339	5806596															
47	MARLBOROUG	ST	BALACLAVA	1702149	323343	5806566															
48	MARLBOROUG	ST	BALACLAVA	1702150	323344	5806596															
49	MARLBOROUG	ST	BALACLAVA	1702151	323355	5806565															
50	MARLBOROUG	ST	BALACLAVA	1702152	323350	5806595															
51	MARLBOROUG	ST	BALACLAVA	1702153	323366	5806563															
52	MARLBOROUG	ST	BALACLAVA	1702154	323356	5806593															
53	MARLBOROUG	ST	BALACLAVA	1702155	323374	5806562															
54	MARLBOROUG	ST	BALACLAVA	1702156	323363	5806593															
55	MARLBOROUG	ST	BALACLAVA	1702157	323380	5806562															
1	MARNE	ST	BALACLAVA	1937927	324599	5806907		23.60	23.55	23.50	23.20	0.4	0.00	0.00	1	24.111	0.51	0.56	0.61	1	
2	MARNE	ST	ST KILDA					23.60	23.55	23.50	23.20	0.4	0.00	0.00	1	23.406	[illegible]	-0.14	-0.09	4	Unit 1
2	MARNE	ST	ST KILDA					23.60	23.55	23.50	23.20	0.4	0.00	0.00	1	23.411	[illegible].19	-0.14	-0.09	4	Unit 2
2	MARNE	ST	ST KILDA					23.60	23.55	23.50	23.20	0.4	0.00	0.00	1	23.056	[illegible].54	-0.49	-0.44	4	Unit 3
2	MARNE	ST	BALACLAVA	1937928	324567	5806917		23.60	23.55	23.50	23.20	0.4	0.00	0.00	1					1	
3	MARNE	ST	BALACLAVA	1937929	324597	5806926		24.48	24.43	24.38	23.20	1.3	0.00	0.00	1	24.224	[illegible].26	-0.21	-0.16	4	
4	MARNE	ST	BALACLAVA					23.60	23.55	23.50	23.20	0.4	0.00	0.00	1					1	
5	MARNE	ST	BALACLAVA	1702204	324603	5806936		24.48	24.43	24.38	23.20	1.3	0.00	0.00	1					1	
6	MARNE	ST	BALACLAVA					23.60	23.55	23.50	23.40	0.2	0.00	0.00	1					1	
7	MARNE	ST	BALACLAVA	1702206	324605	5806948		24.48	24.43	24.38	23.40	1.1	0.00	0.00	1					1	
9	MARNE	ST	BALACLAVA	1702207	324606	5806960		24.48	24.43	24.38	23.60	0.9	0.00	0.00	1					1	
1	MARTIN	ST	ST KILDA	1702273	322857	5806849		5.06	5.03	5.00	4.50	0.6	0.50	0.28	1	4.725	[illegible].34	-0.31	-0.28	4	
2	MARTIN	ST	ST KILDA	1702274	322843	5806877		5.07	5.03	5.00	4.40	0.7	0.50	0.34	1	5.046	[illegible]0.	0.02	0.05	2	
6	MARTIN	ST	ST KILDA	1702275	322864	5806875		5.08	5.04	5.01	4.50	0.6	0.30	0.17	1	5.058	[illegible].02	0.02	0.05	2	
7	MARTIN	ST	ST KILDA	1702276	322875	5806846		5.07	5.03	5.00	4.50	0.6	0.30	0.17	1	5.085	0.31	0.05	0.09	1	
8	MARTIN	ST	ST KILDA	1702277	322877	5806875		5.10	5.05	5.02	4.40	0.7	0.30	0.21	1	4.896	-0.20	-0.15	-0.12	4	
9	MARTIN	ST	ST KILDA	1702278	322883	5806845		5.11	5.06	5.02	4.50	0.6	0.30	0.18	1					1	
10	MARTIN	ST	ST KILDA	1702279	322889	5806873		5.11	5.06	5.02	4.40	0.7	0.30	0.21	1	4.848	-0.26	-0.21	-0.17	4	
11	MARTIN	ST	ST KILDA	1702280	322888	5806844		5.11	5.06	5.02	4.40	0.7	0.30	0.21	1					1	
12	MARTIN	ST	ST KILDA	1702281	322903	5806870		5.12	5.07	5.02	4.40	0.7	0.30	0.22	1	4.802	[illegible].32	-0.27	-0.22	4	
13	MARTIN	ST	ST KILDA	1702282	322894	5806843		5.12	5.07	5.02	4.40	0.7	0.30	0.22	1	4.744	[illegible].38	-0.33	-0.28	4	
14	MARTIN	ST	ST KILDA	1702283	322909	5806869		5.13	5.08	5.04	4.40	0.7	0.30	0.22	1	4.802	[illegible].33	-0.28	-0.24	4	
15	MARTIN	ST	ST KILDA	1702284	322899	5806842		5.12	5.07	5.03	4.40	0.7	0.30	0.22	1					1	
17	MARTIN	ST	ST KILDA	1702285	322905	5806841		5.13	5.08	5.04	4.40	0.7	0.30	0.22	1					1	
18	MARTIN	ST	ST KILDA	1702286	322918	5806868		5.13	5.08	5.04	4.40	0.7	0.30	0.22	1					1	
20	MARTIN	ST	ST KILDA	1702287	322935	5806854		5.14	5.09	5.05	4.40	0.7	0.30	0.22	1					1	
2	MONTAGUE	ST	BALACLAVA	1703443	324677	5806986															
4	MONTAGUE	ST	BALACLAVA	1703445	324675	5806968															
6	MONTAGUE	ST	BALACLAVA	1703447	324674	5806956		25.55	25.26	25.10	24.60	0.0	0.00	0.00	1						
7	MONTAGUE	ST	BALACLAVA	1703448	324713	5807001		25.55	25.26	25.10	25.80	0.0	0.00	0.00	1						
8	MONTAGUE	ST	BALACLAVA	1938008	324672	5806942															
9	MONTAGUE	ST	BALACLAVA	1703451	324711	5806987															
10	MONTAGUE	ST	ST KILDA					unknown								25.53					
0	NELSON	ST	BALACLAVA	1703617	323375	5806736															Egress Velocity estimated for0.8% slope
2	NELSON	ST	BALACLAVA	1703619	323432	5806957															Egress Velocity estimated for0.8% slope
3	NELSON	ST	BALACLAVA	1703620	323409	5806965															Egress Velocity estimated for0.8% slope
5	NELSON	ST	BALACLAVA	1703621	323408	5806961															Egress Velocity estimated for0.8% slope
6	NELSON	ST	BALACLAVA	1703622	323430	5806944															Egress Velocity estimated for0.8% slope
7	NELSON	ST	BALACLAVA	1703623	323404	5806952															Egress Velocity estimated for0.8% slope
7	NELSON	ST	BALACLAVA	1703624	323404	5806946															Egress Velocity estimated for0.8% slope
8	NELSON	ST	BALACLAVA	1703625	323429	5806933															Egress Velocity estimated for0.8% slope
9	NELSON	ST	BALACLAVA	1703626	323402	5806941															Egress Velocity estimated for0.8% slope
10	NELSON	ST	BALACLAVA	1703627	323428	5806922															Egress Velocity estimated for0.8% slope
11	NELSON	ST	BALACLAVA	1703628	323402	5806936															Egress Velocity estimated for0.8% slope
12	NELSON	ST	BALACLAVA	1703629	323426	5806908															Egress Velocity estimated for0.8% slope
13	NELSON	ST	BALACLAVA	1703630	323401	5806931															Egress Velocity estimated for0.8% slope
14	NELSON	ST	BALACLAVA	1703631	323421	5806900															Egress Velocity estimated for0.8% slope
14	NELSON	ST	BALACLAVA	1703632	323420	5806895															Egress Velocity estimated for0.8% slope
14	NELSON	ST	BALACLAVA	1703633	323418	5806883															Egress Velocity estimated for0.8% slope
15	NELSON	ST	BALACLAVA	1703634	323400	5806924															Egress Velocity estimated for0.8% slope
16	NELSON	ST	BALACLAVA	1703635	323417	5806864															Egress Velocity estimated for0.8% slope
16	NELSON	ST	BALACLAVA	1703636	323418	5806852															Egress Velocity estimated for0.8% slope
17	NELSON	ST	BALACLAVA	1703637	323399	5806915															Egress Velocity estimated for0.8% slope
18	NELSON	ST	BALACLAVA	1703638	323415	5806831															Egress Velocity estimated for0.8% slope
18	NELSON	ST	BALACLAVA	1703639	323417	5806841															Egress Velocity estimated for0.8% slope

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
20	NELSON	ST	BALACLAVA	1703640	323412	5806819															Egress Velocity estimated for0.8% slope
22	NELSON	ST	BALACLAVA	1703641	323411	5806805															Egress Velocity estimated for0.8% slope
23	NELSON	ST	BALACLAVA	1938015	323395	5806890															Egress Velocity estimated for0.8% slope
24	NELSON	ST	BALACLAVA	1703644	323410	5806788															Egress Velocity estimated for0.8% slope
25	NELSON	ST	BALACLAVA	1703645	323393	5806880															Egress Velocity estimated for0.8% slope
26	NELSON	ST	BALACLAVA	1703646	323407	5806764															Egress Velocity estimated for0.8% slope
27	NELSON	ST	BALACLAVA	1703647	323392	5806875															Egress Velocity estimated for0.8% slope
28	NELSON	ST	BALACLAVA	1703648	323405	5806748															Egress Velocity estimated for0.8% slope
29	NELSON	ST	BALACLAVA	1703649	323392	5806871															Egress Velocity estimated for0.8% slope
30	NELSON	ST	BALACLAVA	1703650	323404	5806736															Egress Velocity estimated for0.8% slope
31	NELSON	ST	BALACLAVA	29161	323392	5806859															Egress Velocity estimated for0.8% slope
32	NELSON	ST	BALACLAVA	1703652	323403	5806726															Egress Velocity estimated for0.8% slope
33	NELSON	ST	BALACLAVA	1703653	323390	5806849															Egress Velocity estimated for0.8% slope
35	NELSON	ST	BALACLAVA	1703654	323389	5806841															Egress Velocity estimated for0.8% slope
37	NELSON	ST	BALACLAVA	1703655	323387	5806832															Egress Velocity estimated for0.8% slope
41	NELSON	ST	BALACLAVA	1703657	323385	5806816															Egress Velocity estimated for0.8% slope
43	NELSON	ST	BALACLAVA	1703658	323383	5806802															Egress Velocity estimated for0.8% slope
45	NELSON	ST	BALACLAVA	1703659	323382	5806788															Egress Velocity estimated for0.8% slope
47	NELSON	ST	BALACLAVA	1703660	323382	5806784															Egress Velocity estimated for0.8% slope
49	NELSON	ST	BALACLAVA	1703662	323379	5806763															Egress Velocity estimated for0.8% slope
51	NELSON	ST	BALACLAVA	1703663	323377	5806750															Egress Velocity estimated for0.8% slope
55	NELSON	ST	BALACLAVA	1703664	323374	5806725															Egress Velocity estimated for0.8% slope
63	NELSON	ST	BALACLAVA	1703665	323375	5806707															Egress Velocity estimated for0.8% slope
3	NIGHTINGALE	ST	BALACLAVA	1703741	323157	5806452		6.05	6.01	5.96	5.20	0.9	0.97	0.83	3	6.016	-0.13	0.01	0.06	2	
5	NIGHTINGALE	ST	BALACLAVA	1703742	323170	5806450		6.08	6.04	5.99	5.20	0.9	1.02	0.90	3	5.499	-0.68	-0.54	-0.49	4	
6	NIGHTINGALE	ST	BALACLAVA	1703743	323149	5806491		6.02	5.98	5.93	4.80	1.2	0.92	1.13	3	5.396	-0.62	-0.58	-0.53	4	
7	NIGHTINGALE	ST	BALACLAVA	1703744	323179	5806449		6.12	6.08	6.03	5.20	0.9	1.09	1.00	3	5.741	-0.37	-0.34	-0.29	4	
8	NIGHTINGALE	ST	BALACLAVA	1703745	323164	5806489		6.06	6.02	5.97	5.00	1.1	0.99	1.05	3	5.73	-0.33	-0.29	-0.24	4	
9	NIGHTINGALE	ST	BALACLAVA	1703746	323187	5806448		6.14	6.10	6.05	5.20	0.9	1.12	1.05	3	5.79	-0.35	-0.31	-0.26	4	
10	NIGHTINGALE	ST	BALACLAVA	1703747	323173	5806488		6.08	6.04	5.99	5.00	1.1	1.02	1.11	3	5.862	-0.22	-0.18	-0.13	4	
11	NIGHTINGALE	ST	BALACLAVA	1703748	323196	5806446		6.16	6.12	6.07	5.20	1.0	1.16	1.11	3	5.807	-0.35	-0.31	-0.26	4	
12	NIGHTINGALE	ST	BALACLAVA	1703749	323179	5806487		6.10	6.06	6.01	5.10	1.0	1.06	1.05	3	6.076	-0.02	0.02	0.07	2	
13	NIGHTINGALE	ST	BALACLAVA	1703750	323204	5806445		6.18	6.14	6.09	5.30	0.9	1.19	1.05	3	5.869	-0.31	-0.27	-0.22	4	
14	NIGHTINGALE	ST	BALACLAVA	1703751	323185	5806487		6.11	6.07	6.02	5.10	1.0	1.07	1.09	3	5.669	-0.45	-0.40	-0.35	4	
15	NIGHTINGALE	ST	BALACLAVA	1703752	323211	5806444		6.20	6.16	6.11	5.30	0.9	1.22	1.09	3	5.886	-0.31	-0.27	-0.22	4	
17	NIGHTINGALE	ST	BALACLAVA	1703753	323218	5806444		6.21	6.17	6.12	5.40	0.8	1.24	1.01	3	5.9	-0.31	-0.27	-0.22	4	
18	NIGHTINGALE	ST	BALACLAVA	1938021	323203	5806484		6.16	6.12	6.07	5.10	1.1	1.12	1.18	3	5.974	-0.19	-0.15	-0.10	4	
19	NIGHTINGALE	ST	BALACLAVA	1703767	323224	5806443		6.23	6.19	6.14	5.40	0.8	1.27	1.05	3	5.928	-0.30	-0.26	-0.21	4	
21	NIGHTINGALE	ST	BALACLAVA	1703768	323230	5806442		6.25	6.21	6.16	5.50	0.7	1.31	0.97	3	5.928	-0.32	-0.28	-0.23	4	
22	NIGHTINGALE	ST	BALACLAVA	1703769	323216	5806482		6.19	6.15	6.10	5.10	1.1	1.21	1.31	3	5.767	-0.42	-0.38	-0.33	4	
23	NIGHTINGALE	ST	BALACLAVA	1703770	323238	5806441		6.28	6.24	6.19	5.60	0.7	1.36	0.92	3	6.131	-0.15	-0.11	-0.06	4	
24	NIGHTINGALE	ST	BALACLAVA	1703771	323222	5806481		6.21	6.17	6.12	5.20	1.0	1.24	1.25	3	5.882	-0.33	-0.29	-0.24	4	
25	NIGHTINGALE	ST	BALACLAVA	1703772	323261	5806439		6.35	6.29	6.22	5.80	0.5	1.47	0.81	3	6.2	-0.15	-0.09	-0.02	4	
26	NIGHTINGALE	ST	BALACLAVA	1703773	323231	5806481		6.23	6.19	6.14	5.30	0.9	1.27	1.19	3	5.787	-0.45	-0.40	-0.35	4	
27	NIGHTINGALE	ST	BALACLAVA	1703774	323268	5806438		6.38	6.32	6.25	5.80	0.6	1.52	0.89	3	6.243	-0.14	-0.08	-0.01	4	
28	NIGHTINGALE	ST	BALACLAVA	1703775	323240	5806479		6.26	6.22	6.17	5.40	0.9	1.32	1.13	3	6.38	-0.12	0.16	0.21	1	
29	NIGHTINGALE	ST	BALACLAVA	1703776	323276	5806437		6.42	6.36	6.29	5.80	0.6	1.59	0.99	3	6.465	-0.04	0.11	0.18	1	
30	NIGHTINGALE	ST	BALACLAVA	1703777	323249	5806478		6.28	6.24	6.19	5.60	0.7	1.36	0.92	3	6.37	-0.09	0.13	0.18	1	
31	NIGHTINGALE	ST	BALACLAVA	1703778	323283	5806436		6.46	6.40	6.33	5.80	0.7	1.65	1.09	3	6.523	-0.07	0.12	0.19	1	
32	NIGHTINGALE	ST	BALACLAVA	1703779	323269	5806475		6.36	6.30	6.23	5.80	0.6	1.49	0.84	3	6.345	-0.02	0.04	0.11	2	
33	NIGHTINGALE	ST	BALACLAVA	1703780	323290	5806435		6.49	6.43	6.37	5.80	0.7	1.70	1.17	3	6.277	-0.21	-0.15	-0.09	4	
34	NIGHTINGALE	ST	BALACLAVA	1703781	323279	5806474		6.41	6.35	6.28	5.80	0.6	1.57	0.96	3	6.283	-0.13	-0.07	0.00	3	
35	NIGHTINGALE	ST	BALACLAVA	1703782	323298	5806434		6.53	6.47	6.40	5.80	0.7	1.77	1.29	3	6.346	-0.18	-0.12	-0.05	4	
36	NIGHTINGALE	ST	BALACLAVA	1703783	323285	5806473		6.44	6.38	6.31	5.70	0.7	1.62	1.20	3	6.256	-0.19	-0.12	-0.05	4	
38	NIGHTINGALE	ST	BALACLAVA	1703784	323291	5806472		6.47	6.41	6.34	5.70	0.8	1.67	1.29	3	6.537	0.07	0.13	0.20	1	
39	NIGHTINGALE	ST	BALACLAVA	1703785	323311	5806433		6.59	6.53	6.46	5.80	0.8	1.87	1.47	3	6.537	-0.05	0.01	0.08	2	
40	NIGHTINGALE	ST	BALACLAVA	1703786	323297	5806471		6.50	6.44	6.38	5.80	0.7	1.72	1.21	3	6.557	0.05	0.12	0.18	1	
41	NIGHTINGALE	ST	BALACLAVA	1703787	323336	5806429		6.70	6.64	6.56	5.80	0.9	2.05	1.85	3	6.46	-0.24	-0.18	-0.10	4	
42	NIGHTINGALE	ST	BALACLAVA	1703788	323303	5806471		6.53	6.47	6.40	5.80	0.7	1.77	1.29	3	6.585	0.05	0.12	0.19	0	
43	NIGHTINGALE	ST	BALACLAVA	1703789	323345	5806428		6.74	6.68	6.60	6.10	0.6	2.12	1.36	3	6.547	-0.19	-0.13	-0.05	4	
44	NIGHTINGALE	ST	BALACLAVA	1703790	323311	5806470		6.57	6.51	6.44	5.80	0.8	1.84	1.41	3	6.57	0.00	0.06	0.13	0	
45	NIGHTINGALE	ST	BALACLAVA	1703791	323354	5806426		6.79	6.73	6.65	6.10	0.7	2.20	1.51	3	6.545	-0.24	-0.19	-0.11	4	
46	NIGHTINGALE	ST	BALACLAVA	1703792	323321	5806468		6.62	6.56	6.49	6.00	0.6	1.92	1.19	3	6.487	-0.13	-0.07	0.00	4	
47	NIGHTINGALE	ST	BALACLAVA	1703793	323364	5806425		6.83	6.77	6.69	6.10	0.7	2.27	1.66	3	6.687	-0.14	-0.08	0.00	4	
48	NIGHTINGALE	ST	BALACLAVA	1703794	323330	5806467		6.66	6.60	6.53	6.00	0.7	1.99	1.32	3	6.46	-0.20	-0.14	-0.07	4	
50	NIGHTINGALE	ST	BALACLAVA	1703795	323338	5806466		6.70	6.64	6.56	6.00	0.7	2.05	1.44	3	6.407	-0.30	-0.23	-0.15	4	
52	NIGHTINGALE	ST	BALACLAVA	1703796	323343	5806465		6.73	6.67	6.59	6.10	0.6	2.10	1.32	3	6.534	-0.19	-0.14	-0.06	4	
54	NIGHTINGALE	ST	BALACLAVA	1703797	323353	5806464		6.78	6.72	6.64	6.20	0.6	2.19	1.26	3	6.605	-0.17	-0.11	-0.03	4	

Melbourne Water Ca[illegible] : Port Phillip
Main Drain : Shake[illegible]Grove and St Kilda Town Hall
Municipality : Port [illegible]

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]m)	(m)	(m)	Category	
56	NIGHTINGALE	ST	BALACLAVA	1703798	323362	5806463		6.82	6.76	6.68	6.20	0.6	2.25	1.40	3	6.862	[illegible]04	0.10	0.18	0	
58	NIGHTINGALE	ST	BALACLAVA	1703799	323369	5806462		6.85	6.79	6.71	6.20	0.7	2.30	1.50	3	6.862	[illegible]	0.07	0.15	0	
60	NIGHTINGALE	ST	BALACLAVA	1703800	323408	5806456															
62	NIGHTINGALE	ST	BALACLAVA	1703801	323418	5806455															
2	NOTTAGE	ST	BALACLAVA	1703828	324607	5806993															
4	NOTTAGE	ST	BALACLAVA	1938022	324618	5806996															
6	NOTTAGE	ST	BALACLAVA	1938023	324632	5806990															
8	NOTTAGE	ST	BALACLAVA	1703838	324645	5806988															
4	ORANGE	GR	BALACLAVA	1938032	323691	5806910															
6	ORANGE	GR	BALACLAVA	1704034	323690	5806896															
8	ORANGE	GR	BALACLAVA	1704035	323688	5806880															
10	ORANGE	GR	BALACLAVA	1938033	323686	5806865															
11	ORANGE	GR	BALACLAVA	1704044	323714	5806832															
12	ORANGE	GR	BALACLAVA	1704045	323684	5806850															
14	ORANGE	GR	BALACLAVA	1704046	323682	5806837															
15	ORANGE	GR	BALACLAVA	1704047	323712	5806817															
16	ORANGE	GR	BALACLAVA	1704048	323680	5806823															
17	ORANGE	GR	BALACLAVA	1704049	323710	5806802															
18	ORANGE	GR	BALACLAVA	1704067	323676	5806792															
18	ORANGE	GR	BALACLAVA	1938034	323678	5806808															
19	ORANGE	GR	BALACLAVA	1704068	323708	5806786															
20	ORANGE	GR	BALACLAVA	1938035	323674	5806777															
21	ORANGE	GR	BALACLAVA	1938036	323705	5806770															
22	ORANGE	GR	BALACLAVA	1938037	323671	5806753															
23	ORANGE	GR	BALACLAVA	1704094	323703	5806754															
24	ORANGE	GR	BALACLAVA	1704095	323668	5806735															
25	ORANGE	GR	BALACLAVA	1704096	323701	5806737															
26	ORANGE	GR	BALACLAVA	1704097	323666	5806719															
27	ORANGE	GR	BALACLAVA	1704098	323699	5806721															
28	ORANGE	GR	BALACLAVA	1704099	323664	5806700															
29	ORANGE	GR	BALACLAVA	1938038	323697	5806704															
30	ORANGE	GR	BALACLAVA	1704103	323662	5806680															
31	ORANGE	GR	BALACLAVA	1938039	323695	5806690															
33	ORANGE	GR	BALACLAVA	1938040	323693	5806677															
279	ORRONG	RD	BALACLAVA	1704779	324758	5806848															
281	ORRONG	RD	BALACLAVA	1704780	324760	5806862															
283	ORRONG	RD	BALACLAVA	1704781	324762	5806879		28.20	28.15	28.19	29.50	-1.3	2.30	-2.99	1						
285	ORRONG	RD	BALACLAVA	1704782	324764	5806897		28.65	28.60	28.64	27.00	1.7	2.30	3.80	3						
287	ORRONG	RD	BALACLAVA	1704783	324768	5806928		28.65	28.60	28.64	27.00	1.6	2.30	3.79	3	27.986	[illegible]56	-0.61	-0.65	4	
289	ORRONG	RD	BALACLAVA	1704784	324770	5806941		28.65	28.60	28.64	28.60	0.0	2.30	0.12	1						
291	ORRONG	RD	BALACLAVA	1704785	324772	5806956		28.50	28.45	28.49	29.20	-0.7	2.30	-1.61	1						
293	ORRONG	RD	BALACLAVA	1704786	324774	5806974															
295	ORRONG	RD	BALACLAVA	1704787	324776	5806988															
4	PAKINGTON	ST	ST KILDA	1704932	322807	5806996		5.06	5.03	5.00	4.60	0.5	0.90	0.41	2					1	
8	PAKINGTON	ST	ST KILDA	1704933	322816	5806994		5.06	5.03	5.00	4.60	0.5	0.96	0.44	2	5.257	[illegible]20	0.23	0.26	1	
9	PAKINGTON	ST	ST KILDA	1704934	322819	5806960		5.06	5.03	5.00	4.40	0.7	0.94	0.62	2	4.744	[illegible]32	-0.29	-0.26	4	
10	PAKINGTON	ST	ST KILDA	1704935	322824	5806994		5.07	5.04	5.01	4.60	0.5	0.98	0.46	2					1	
12	PAKINGTON	ST	ST KILDA	1704936	322841	5806992		5.08	5.05	5.01	4.50	0.6	1.04	0.60	2	4.981	[illegible]10	-0.07	-0.03	4	
13	PAKINGTON	ST	ST KILDA	1704937	322834	5806958		5.08	5.05	5.01	4.40	0.7	1.00	0.68	2	4.856	[illegible]22	-0.19	-0.15	4	
14	PAKINGTON	ST	ST KILDA	1704938	322859	5806990		5.09	5.06	5.02	4.40	0.7	1.09	0.75	2	5.068	[illegible]02	0.01	0.05	2	
15	PAKINGTON	ST	ST KILDA	1938100	322846	5806956		5.08	5.05	5.01	4.40	0.7	1.08	0.73	2	4.856	[illegible]22	-0.19	-0.15	4	
16	PAKINGTON	ST	ST KILDA	1938101	322868	5806989		5.10	5.06	5.02	4.40	0.7	1.13	0.79	2	4.969	[illegible]13	-0.09	-0.05	4	
17	PAKINGTON	ST	ST KILDA	52739	322854	5806955														1	
18	PAKINGTON	ST	ST KILDA	1704950	322878	5806988		5.10	5.06	5.02	4.40	0.7	1.17	0.82	3	4.953	[illegible]15	-0.11	-0.07	4	
19	PAKINGTON	ST	ST KILDA	1704951	322864	5806952		5.10	5.06	5.02	4.40	0.7	1.13	0.79	2	4.73	[illegible]37	-0.33	-0.29	4	
20	PAKINGTON	ST	ST KILDA	1704952	322888	5806987		5.11	5.07	5.03	4.40	0.7	1.19	0.85	3	4.57	[illegible]54	-0.50	-0.46	4	
21	PAKINGTON	ST	ST KILDA	1704953	322878	5806951		5.10	5.06	5.02	4.20	0.9	1.17	1.06	3	4.71	[illegible]29	-0.35	-0.31	4	
22	PAKINGTON	ST	ST KILDA	1704954	322908	5806985		5.11	5.07	5.03	4.40	0.7	1.25	0.89	3	4.648	[illegible]46	-0.42	-0.38	4	
25	PAKINGTON	ST	ST KILDA	1704955	322898	5806948		5.11	5.07	5.03	4.20	0.9	1.23	1.12	3	4.09	[illegible]02	-0.98	-0.94	4	
29	PAKINGTON	ST	ST KILDA	1938102	322930	5806930										4.96	4.96			1	
33	PAKINGTON	ST	ST KILDA	1704960	322924	5806943		5.13	5.08	5.04	4.30	0.8	1.20	1.00	3	5.11	[illegible]02	0.03	0.07	2	
37	PAKINGTON	ST	ST KILDA	1704961	322931	5806942		5.13	5.08	5.04	4.20	0.9	1.12	1.04	3	4.748	[illegible]38	-0.33	-0.29	4	
40	PAKINGTON	ST	ST KILDA	1704962	322932	5806983		5.13	5.08	5.04	4.30	0.8	1.20	1.00	3	4.96	[illegible]17	-0.12	-0.08	4	
41	PAKINGTON	ST	ST KILDA	1704963	322941	5806940		5.14	5.09	5.04	4.50	0.6	0.94	0.60	2	4.917	[illegible]22	-0.17	-0.12	4	
43	PAKINGTON	ST	ST KILDA	1704964	322950	5806939		5.15	5.10	5.05	4.40	0.8	0.86	0.64	2	4.885	[illegible]27	-0.22	-0.17	4	
44	PAKINGTON	ST	ST KILDA	1704965	322940	5806982		5.13	5.08	5.04	4.20	0.9	1.03	0.96	3	5.048	[illegible]08	-0.03	0.01	3	
45	PAKINGTON	ST	ST KILDA	1704966	322950	5806910		5.15	5.10	5.05										1	
46	PAKINGTON	ST	ST KILDA	1704967	322949	5806978		5.14	5.09	5.04	4.60	0.5	0.94	0.51	2	5.263	[illegible]12	0.17	0.22	1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	d)	(m)	(m)	Category	
47	PAKINGTON	ST	ST KILDA	1704968	322963	5806937		5.15	5.10	5.05	4.40	0.8	0.69	0.51	2					1	
48	PAKINGTON	ST	ST KILDA	1704969	322954	5806977		5.15	5.10	5.05	4.60	0.6	0.86	0.47	2	5.263	0.11	0.16	0.21	1	
49	PAKINGTON	ST	ST KILDA	1704970	322973	5806935		5.36	5.32	5.26	4.60	0.8	0.51	0.39	1	5.146	-.21	-0.17	-0.11	4	
49	PAKINGTON	ST	ST KILDA	1704971	322976	5806908														1	
50	PAKINGTON	ST	ST KILDA	1704972	322959	5806976		5.15	5.10	5.05	4.60	0.6	0.77	0.42	2	5.253	0.10	0.15	0.20	1	
51	PAKINGTON	ST	ST KILDA	1704973	322984	5806933		5.16	5.11	5.06	4.60	0.6	0.43	0.24	1	5.206	0.05	0.10	0.15	1	
52	PAKINGTON	ST	ST KILDA	1704974	322964	5806975		5.15	5.10	5.05	4.60	0.6	0.69	0.38	1	5.251	0.10	0.15	0.20	1	
53	PAKINGTON	ST	ST KILDA	1704975	322994	5806932		5.17	5.12	5.07	4.80	0.4	0.49	0.18	1	5.202	0.03	0.08	0.13	1	
54	PAKINGTON	ST	ST KILDA	1704976	322969	5806975		5.15	5.10	5.05	4.60	0.6	0.14	0.07	1	5.316	0.17	0.22	0.27	1	
55	PAKINGTON	ST	ST KILDA	1704977	323002	5806931		5.17	5.12	5.07	4.80	0.4	0.56	0.21	1	5.255	0.09	0.14	0.19	1	
56	PAKINGTON	ST	ST KILDA	1704978	322974	5806974		5.15	5.10	5.05	4.60	0.6	0.21	0.11	1	5.316	0.17	0.22	0.27	1	
57	PAKINGTON	ST	ST KILDA	1704979	323009	5806930		5.17	5.12	5.07	4.80	0.4	0.63	0.23	1	5.255	0.09	0.14	0.19	1	
58	PAKINGTON	ST	ST KILDA	1704980	322979	5806974		5.16	5.11	5.06	4.60	0.6	0.28	0.16	1	5.305	0.15	0.19	0.25	1	
59	PAKINGTON	ST	ST KILDA	1704981	323017	5806928		5.18	5.13	5.08	4.80	0.4	0.70	0.27	1	5.252	0.07	0.12	0.17	1	
60	PAKINGTON	ST	ST KILDA	1704986	322984	5806973		5.16	5.11	5.06	4.60	0.6	0.28	0.16	1	5.305	0.15	0.19	0.25	1	
61	PAKINGTON	ST	ST KILDA	1938104	323032	5806926		5.18	5.13	5.08	4.80	0.4	0.85	0.32	1					1	
63	PAKINGTON	ST	ST KILDA					5.19	5.14	5.09	5.00	0.2	1.06	0.20	1	5.295	0.11	0.16	0.21	1	
66	PAKINGTON	ST	ST KILDA	1704999	322995	5806971		5.17	5.12	5.07	4.60	0.6	0.42	0.24	1					1	
67	PAKINGTON	ST	ST KILDA	1938105	323049	5806924		5.19	5.14	5.09	5.00	0.2	1.06	0.20	1					1	
68	PAKINGTON	ST	ST KILDA	1705013	323008	5806969		5.17	5.12	5.07	4.80	0.4	0.56	0.21	1					1	
72	PAKINGTON	ST	ST KILDA	1705014	323018	5806968		5.18	5.13	5.08	4.80	0.4	0.70	0.27	1					1	
73	PAKINGTON	ST	ST KILDA	1938106	323065	5806921		5.20	5.15	5.10	5.00	0.2	1.27	0.25	1	5.66	0.55	0.51	0.56	1	
75	PAKINGTON	ST	ST KILDA	1705022	323076	5806920		5.25	5.20	5.15	5.10	0.2	1.30	0.20	1					1	
76	PAKINGTON	ST	ST KILDA	1705023	323033	5806965		5.18	5.13	5.08	4.80	0.4	0.85	0.32	1					1	
77	PAKINGTON	ST	ST KILDA	1705024	323084	5806918		5.30	5.25	5.20	5.20	0.1	1.28	0.13	1	5.464	0.16	0.21	0.26	1	
79	PAKINGTON	ST	ST KILDA	1705025	323093	5806917		5.35	5.30	5.25	5.20	0.1	1.30	0.19	1					1	
81	PAKINGTON	ST	ST KILDA	1705026	323102	5806915		5.40	5.35	5.30	5.20	0.2	1.32	0.26	1	5.556	0.16	0.21	0.26	1	
82	PAKINGTON	ST	ST KILDA	1938107	323048	5806968		5.19	5.14	5.09	5.00	0.2	0.63	0.12	1					1	
84	PAKINGTON	ST	ST KILDA	1705042	323058	5806961		5.19	5.14	5.09	5.10	0.1	1.13	0.10	1					1	
88	PAKINGTON	ST	ST KILDA	1705043	323068	5806960		5.20	5.15	5.10	5.10	0.1	1.20	0.12	1					1	
90	PAKINGTON	ST	ST KILDA	1705044	323078	5806958		5.25	5.20	5.15	5.10	0.2	1.30	0.20	1					1	
94	PAKINGTON	ST	ST KILDA	1705045	323089	5806957		5.30	5.25	5.20	5.20	0.1	1.28	0.13	1	5.549	0.25	0.30	0.35	1	
96	PAKINGTON	ST	ST KILDA	1705046	323098	5806956		5.35	5.30	5.25	5.20	0.1	1.30	0.19	1					1	
13	PRENTICE	ST	BALACLAVA	1705766	323838	5807071															
15	PRENTICE	ST	BALACLAVA	1705768	323837	5807061															
17	PRENTICE	ST	BALACLAVA	1705769	323836	5807053															
18	PRENTICE	ST	BALACLAVA	1705770	323866	5807085															
19	PRENTICE	ST	BALACLAVA	1705771	323836	5807045															
20	PRENTICE	ST	BALACLAVA	1705772	323864	5807077															
21	PRENTICE	ST	BALACLAVA	1705773	323835	5807037															
22	PRENTICE	ST	BALACLAVA	1705774	323863	5807066															
23	PRENTICE	ST	BALACLAVA	1705775	323834	5807026															
24	PRENTICE	ST	BALACLAVA	1705776	323862	5807054															
25	PRENTICE	ST	BALACLAVA	1705777	323832	5807015															
27	PRENTICE	ST	BALACLAVA	1705778	323830	5807006															
29	PRENTICE	ST	BALACLAVA	1705779	323829	5806998															
30	PRENTICE	ST	BALACLAVA	1705780	323857	5807021															
31	PRENTICE	ST	BALACLAVA	1705781	323829	5806992															
32	PRENTICE	ST	BALACLAVA	1705782	323856	5807011															
34	PRENTICE	ST	BALACLAVA	1705783	323855	5807003															
36	PRENTICE	ST	BALACLAVA	1705784	323854	5806995															
38	PRENTICE	ST	BALACLAVA	1705785	323852	5806981															
1	RAILWAY	PL	BALACLAVA	1706295	323366	5806403		6.90												1	Outside Calculated Plane
1	ROSAMOND	ST	BALACLAVA	1707028	323148	5806527		5.75	5.70	5.65	4.80	1.0	0.00	0.00	1					1	
2	ROSAMOND	ST	BALACLAVA	1707029	323151	5806555		5.75	5.70	5.65	4.80	1.0	0.00	0.00	1					1	
3	ROSAMOND	ST	BALACLAVA	1707030	323154	5806527		5.75	5.70	5.65	4.80	1.0	0.00	0.00	1					1	
4	ROSAMOND	ST	BALACLAVA	1707031	323157	5806554		5.75	5.70	5.65	4.80	1.0	0.00	0.00	1					1	
5	ROSAMOND	ST	BALACLAVA	35507	323163	5806525														1	
6	ROSAMOND	ST	BALACLAVA	1707033	323164	5806553		5.75	5.70	5.65	4.90	0.9	0.00	0.00	1					1	
7	ROSAMOND	ST	BALACLAVA	1707034	323172	5806524		5.75	5.70	5.65	5.00	0.8	0.00	0.00	1	5.671	-.08	-0.03	0.02	1	"Flood" assumed from pondage
8	ROSAMOND	ST	BALACLAVA	1707035	323173	5806552		5.75	5.70	5.65	5.00	0.8	0.00	0.00	1					1	
9	ROSAMOND	ST	BALACLAVA	1707036	323181	5806523		5.75	5.70	5.65	5.10	0.7	0.00	0.00	1	5.731	-.02	0.03	0.08	1	"Flood" assumed from pondage
10	ROSAMOND	ST	BALACLAVA	1707037	323185	5806550		5.75	5.70	5.65	5.10	0.7	0.00	0.00	1					1	
11	ROSAMOND	ST	BALACLAVA	1707038	323189	5806522		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.671	-.08	-0.03	0.02	1	"Flood" assumed from pondage
12	ROSAMOND	ST	BALACLAVA	1707039	323194	5806549		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
13	ROSAMOND	ST	BALACLAVA	1707040	323194	5806521		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1	5.721	-.03	0.02	0.07	1	"Flood" assumed from pondage
14	ROSAMOND	ST	BALACLAVA	1707041	323199	5806548		5.75	5.70	5.65	5.20	0.6	0.00	0.00	1					1	
16	ROSAMOND	ST	BALACLAVA	1707042	323206	5806547		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1					1	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floo. Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
16	ROSAMOND	ST	BALACLAVA	1707043	323211	5806547		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1					1	
17	ROSAMOND	ST	BALACLAVA	1707044	323201	5806521		5.75	5.70	5.65	5.30	0.5	0.00	0.00	1	5.848	0.10	0.15	0.20	1	"Flood" assumed from pondage
18	ROSAMOND	ST	BALACLAVA	1707045	323217	5806546		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1					1	
19	ROSAMOND	ST	BALACLAVA	1707046	323210	5806519		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	5.724	0.03	0.02	0.07	1	"Flood" assumed from pondage
20	ROSAMOND	ST	BALACLAVA	1707047	323222	5806545		5.75	5.70	5.65	5.40	0.4	0.00	0.00	1	6.094	0.34	0.39	0.44	1	"Flood" assumed from pondage
21	ROSAMOND	ST	BALACLAVA	1707048	323219	5806518		5.75	5.70	5.65	5.50	0.3	0.00	0.00	1	5.905	0.16	0.21	0.26	1	"Flood" assumed from pondage
22	ROSAMOND	ST	BALACLAVA	1707049	323231	5806544		5.75	5.70	5.65	5.50	0.3	0.00	0.00	1	6.251	0.50	0.55	0.60	1	"Flood" assumed from pondage
23	ROSAMOND	ST	BALACLAVA	1707050	323225	5806517		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1	5.829	0.08	0.13	0.18	1	"Flood" assumed from pondage
24	ROSAMOND	ST	BALACLAVA	1707051	323241	5806543														1	
25	ROSAMOND	ST	BALACLAVA	1707052	323231	5806516		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1	5.763	0.01	0.06	0.11	1	"Flood" assumed from pondage
26	ROSAMOND	ST	BALACLAVA	1707053	323247	5806542														1	
27	ROSAMOND	ST	BALACLAVA	1707054	323237	5806515		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
28	ROSAMOND	ST	BALACLAVA	1707055	323253	5806541		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
29	ROSAMOND	ST	BALACLAVA	1707056	323243	5806515		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
30	ROSAMOND	ST	BALACLAVA	1707057	323273	5806539															
31	ROSAMOND	ST	BALACLAVA	1707058	323250	5806514		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					1	
32	ROSAMOND	ST	BALACLAVA	1707059	323279	5806538															
33	ROSAMOND	ST	BALACLAVA	1707060	323271	5806511		5.75	5.70	5.65	5.60	0.2	0.00	0.00	1					0	
34	ROSAMOND	ST	BALACLAVA	1707061	323284	5806537															
35	ROSAMOND	ST	BALACLAVA	1707062	323277	5806510															
36	ROSAMOND	ST	BALACLAVA	1707063	323291	5806536															
37	ROSAMOND	ST	BALACLAVA	1707064	323283	5806510															
38	ROSAMOND	ST	BALACLAVA	1707065	323296	5806535															
39	ROSAMOND	ST	BALACLAVA	1707066	323292	5806508															
40	ROSAMOND	ST	BALACLAVA	1707067	323303	5806534															
41	ROSAMOND	ST	BALACLAVA	1707068	323296	5806508															
42	ROSAMOND	ST	BALACLAVA	1707069	323310	5806534															
43	ROSAMOND	ST	BALACLAVA	1707070	323303	5806507															
44	ROSAMOND	ST	BALACLAVA	1707071	323317	5806533															
45	ROSAMOND	ST	BALACLAVA	1707072	323314	5806505															
46	ROSAMOND	ST	BALACLAVA	1707073	323323	5806532															
47	ROSAMOND	ST	BALACLAVA	1707074	323324	5806504															
48	ROSAMOND	ST	BALACLAVA	1707075	323330	5806531															
49	ROSAMOND	ST	BALACLAVA	1707076	323334	5806503															
50	ROSAMOND	ST	BALACLAVA	1707077	323338	5806530															
51	ROSAMOND	ST	BALACLAVA	1707078	323342	5806502															
52	ROSAMOND	ST	BALACLAVA	1707079	323348	5806529															
53	ROSAMOND	ST	BALACLAVA	1707080	323352	5806500															
54	ROSAMOND	ST	BALACLAVA	1707081	323358	5806527															
55	ROSAMOND	ST	BALACLAVA	1707082	323361	5806499															
56	ROSAMOND	ST	BALACLAVA	1707083	323367	5806526															
57	ROSAMOND	ST	BALACLAVA	1707084	323372	5806497															
58	ROSAMOND	ST	BALACLAVA	1707085	323376	5806525															
1	SHAKESPEARE	GR	ST KILDA	1707710	322091	5806742															
1	SHAKESPEARE	GR	ST KILDA	1707711	322088	5806737		3.41	3.30	3.15	3.00	0.4	1.50	0.62	2						
2	SHAKESPEARE	GR	ST KILDA	1707713	322072	5806722		3.30	3.10	3.05	2.80	0.5	1.50	0.75	2	3.499	0.20	0.40	0.45	0	
3	SHAKESPEARE	GR	ST KILDA	1707714	322067	5806718		3.25	3.15	3.00	2.80	0.5	1.50	0.68	2						
5	SHAKESPEARE	GR	ST KILDA	1707716	322056	5806710															
6	SHAKESPEARE	GR	ST KILDA	1707717	322050	5806706		3.10	3.00	2.85	2.70	0.4	1.50	0.60	2	3.054	-0.05	0.05	0.20	2	
7	SHAKESPEARE	GR	ST KILDA	1707718	322045	5806701															
19	SHAKESPEARE	GR	ST KILDA	1938276	321942	5806620		n/a								2.749				0	Outside Calculated Plane
21	SHAKESPEARE	GR	ST KILDA	1707737	321919	5806603															
1	SPENSER	ST	ST KILDA	1938325	321970	5806624		2.59	2.55	2.50	2.00	0.6	1.61	0.95	3	2.504	-0.09	-0.05	0.00	3	
5	SPENSER	ST	ST KILDA	43000	321974	5806593		2.58	2.45	2.00	1.80	0.8	1.59	1.24	3	2.392	-0.19	-0.06	0.39	3	
9	SPENSER	ST	ST KILDA	1708339	321976	5806576		2.58	2.35	1.90	1.60	1.0	1.59	1.55	3	2.437	-0.14	0.09	0.54	2	
13	SPENSER	ST	ST KILDA	1938327	321979	5806550		2.57	2.25	1.70	1.80	0.8	1.60	1.23	3						
17	SPENSER	ST	ST KILDA	1708366	321982	5806535		2.56	2.25	1.70	1.70	0.9	1.60	1.38	3	2.469	-0.09	0.22	0.77	2	
19	SPENSER	ST	ST KILDA	1708367	321983	5806524		2.56	2.25	1.70	1.80	0.8	1.60	1.21	3	2.547	-0.01	0.30	0.85	2	
21	SPENSER	ST	ST KILDA	1708368	321985	5806509		2.55	2.25	1.70	1.80	0.8	1.60	1.21	3					1	
29	SPENSER	ST	ST KILDA	1938328	321992	5806449		2.53	2.25	1.70	1.60	0.9	1.68	1.57	3	2.499	-0.03	0.25	0.80	2	
35	SPENSER	ST	ST KILDA	1708388	321992	5806433		2.53	2.25	1.70	1.70	0.8	1.68	1.39	3	2.229	-0.30	-0.02	0.53	3	
37	SPENSER	ST	ST KILDA	1708389	321993	5806426		2.53	2.25	1.70	1.60	0.9	1.68	1.56	3	2.229	-0.30	-0.02	0.53	3	
39	SPENSER	ST	ST KILDA	1708390	321996	5806415		2.52	2.25	1.70	1.60	0.9	0.55	0.51	2	2.329	-0.19	0.08	0.63	2	
41	SPENSER	ST	ST KILDA	1708391	321997	5806402		2.52	2.25	1.70	1.60	0.9	0.55	0.50	2	2.363	-0.16	0.11	0.66	2	
43	SPENSER	ST	ST KILDA	1938329	321999	5806388		2.51	2.25	1.70	1.70	0.8	0.57	0.46	2	2.233	-0.28	-0.02	0.53	3	Actually Unit 1/43
45	SPENSER	ST	ST KILDA	1708408	322001	5806375		2.51	2.25	1.70	2.00	0.5	0.57	0.29	1	2.388	-0.12	0.14	0.69	2	
47	SPENSER	ST	ST KILDA	51077	322004	5806362		2.51	2.25	1.70	2.00	0.5	0.57	0.29	1					1	
49	SPENSER	ST	ST KILDA	1708418	322004	5806348		2.50	2.25	1.70	2.00	0.5	0.59	0.30	1	2.431	-0.07	0.18	0.73	2	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Flood Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
51	SPENSER	ST	ST KILDA	1938331	322012	5806299		2.24	2.25	1.70	2.10	0.1	0.55	0.08	1	2.449	0.21	0.20	0.75	1	
53	SPENSER	ST	ST KILDA	1708426	322013	5806288		2.20	2.25	1.70	2.10	0.1	0.55	0.06	1					1	
55	SPENSER	ST	ST KILDA	1938332	322016	5806265															
57	SPENSER	ST	ST KILDA	1938333	322016	5806260															
61	SPENSER	ST	ST KILDA	1708438	322017	5806253															
63	SPENSER	ST	ST KILDA	1708439	322018	5806247															
65	SPENSER	ST	ST KILDA	69846	322019	5806240															
67	SPENSER	ST	ST KILDA	69847	322019	5806234															
69	SPENSER	ST	ST KILDA	1708442	322020	5806227															
71	SPENSER	ST	ST KILDA	1708443	322021	5806220															
73	SPENSER	ST	ST KILDA	1708444	322035	5806207															
75	SPENSER	ST	ST KILDA	1938334	322048	5806210															
77	SPENSER	ST	ST KILDA	1708453	322061	5806212															
79	SPENSER	ST	ST KILDA	1708454	322069	5806213															
81	SPENSER	ST	ST KILDA	1938335	322075	5806215															
81	SPENSER	ST	ST KILDA	1708455	322084	5806215															
83	SPENSER	ST	ST KILDA	1938336	322103	5806217															
85	SPENSER	ST	ST KILDA	1708464	322112	5806220															
87	SPENSER	ST	ST KILDA	1708465	322118	5806219															
89	SPENSER	ST	ST KILDA	1708466	322125	5806220															
91	SPENSER	ST	ST KILDA	1708467	322134	5806221															
93	SPENSER	ST	ST KILDA	1708468	322144	5806222															
11	SPENSER	STREET	ST KILDA	49544	321977.01	5806566.02		2.57	2.30	1.75	1.70	0.9	1.60	1.39	3	2.269	4.30	-0.03	0.52	3	
11	SPENSER	STREET	ST KILDA	49545	321977	5806566															
11	SPENSER	STREET	ST KILDA	49546	321977	5806566															
20	STEELE	AV	ST KILDA	1708688	323006	5807182															
264	STKILDA	RD	ST KILDA	1708884	322711	5807216															
268	STKILDA	RD	ST KILDA	1708886	322723	5807214															
272	STKILDA	RD	ST KILDA	1708888	322716	5807201															
274	STKILDA	RD	ST KILDA	1708889	322717	5807195															
276	STKILDA	RD	ST KILDA	1708890	322721	5807190															
278	STKILDA	RD	ST KILDA	1938375	322722	5807184															
282	STKILDA	RD	ST KILDA	1708895	322723	5807180															
285	STKILDA	RD	ST KILDA	1708897	322643	5807193															
286	STKILDA	RD	ST KILDA	1708898	322727	5807169															
290	STKILDA	RD	ST KILDA	1708899	322729	5807165															
292	STKILDA	RD	ST KILDA	1708900	322731	5807157															
294	STKILDA	RD	ST KILDA	1708901	322734	5807154															
296	STKILDA	RD	ST KILDA	1708902	322732	5807147															
300	STKILDA	RD	ST KILDA	1708903	322734	5807138															
302	STKILDA	RD	ST KILDA	1708904	322736	5807133															
306	STKILDA	RD	ST KILDA	1708905	322738	5807124		n/a								5.688					
308	STKILDA	RD	ST KILDA	1708906	322753	5807075		5.41	5.36	5.31	5.20	0.2	0.13	0.03	1	5.344	5.06	-0.01	0.04	3	
312	STKILDA	RD	ST KILDA	1938376	322758	5807066		5.42	5.37	5.32	5.10	0.3	1.00	0.32	1	5.178	5.24	-0.19	-0.14	4	
314	STKILDA	RD	ST KILDA	1708910	322756	5807061		5.38	5.33	5.28	5.10	0.3	1.00	0.28	1	5.144	5.23	-0.19	-0.14	4	
316	STKILDA	RD	ST KILDA	1938377	322759	5807054		5.33	5.28	5.23	5.00	0.3	1.00	0.33	1	5.108	5.18	-0.18	-0.13	4	
318	STKILDA	RD	ST KILDA					5.29	5.24	5.19	4.90	0.4	1.00	0.39	1	5.296	0.0	0.06	0.11		
320	STKILDA	RD	ST KILDA					5.22	5.17	5.12	4.90	0.3	1.00	0.32	1	5.286	0.07	0.12	0.17		
322	STKILDA	RD	ST KILDA	1938378	322766	5807027		5.15	5.10	5.05	4.90	0.3	1.00	0.25	1	5.111	0.14	0.01	0.06	2	
331	STKILDA	RD	ST KILDA	1938379	322686	5807025															Not sure of location
332	STKILDA	RD	ST KILDA	1708930	322770	5807014		5.15	5.10	5.05	4.90	0.3	1.00	0.25	1						
333	STKILDA	RD	ST KILDA					4.60	4.50	4.40	4.60	0.0	1.00	0.00	1	4.328	-0.27	-0.17	-0.07	4	
336	STKILDA	RD	ST KILDA	1708931	322773	5806998		5.04	5.02	5.00	4.60	0.4	0.60	0.26	1	5.026	-0.01	0.01	0.03	2	
344	STKILDA	RD	ST KILDA	1708932	322784	5806969		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2	4.673	-0.27	-0.35	-0.33	4	
348	STKILDA	RD	ST KILDA	1708933	322787	5806958		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2						
350	STKILDA	RD	ST KILDA	1708934	322789	5806952		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2						
351	STKILDA	RD	ST KILDA	1708935	322750	5806826		4.60	4.50	4.40	4.60	0.0	0.60	0.00	1						
352	STKILDA	RD	ST KILDA	1708936	322790	5806947		5.04	5.02	5.00	4.50	0.5	1.00	0.54	2	4.853	-0.19	-0.17	-0.15	4	
354	STKILDA	RD	ST KILDA	1708937	322791	5806943		5.04	5.02	5.00	4.50	0.5	1.00	0.54	2						
356	STKILDA	RD	ST KILDA	1708938	322793	5806936		5.04	5.02	5.00	4.50	0.5	1.00	0.54	2						
360	STKILDA	RD	ST KILDA	1708940	322794	5806928		5.04	5.02	5.00	4.50	0.5	1.00	0.54	2						
362	STKILDA	RD	ST KILDA	1708941	322798	5806916		5.04	5.02	5.00	4.40	0.6	1.00	0.64	2	4.666	-0.27	-0.35	-0.33	4	
366	STKILDA	RD	ST KILDA	1708942	322801	5806903		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2	4.646	-0.39	-0.37	-0.35	4	
374	STKILDA	RD	ST KILDA	1708943	322807	5806885		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2	4.678	-0.36	-0.34	-0.32	4	
376	STKILDA	RD	ST KILDA	1708944	322817	5806861		5.04	5.02	5.00	4.60	0.4	1.00	0.44	2	4.805	-0.24	-0.22	-0.20	4	
378	STKILDA	RD	ST KILDA	1708945	322819	5806856		5.04	5.02	5.00	4.70	0.3	1.00	0.34	1	4.747	-0.29	-0.27	-0.25	4	
380	STKILDA	RD	ST KILDA	1708946	322820	5806851		5.04	5.02	5.00	4.80	0.2	1.00	0.24	1	4.795	-0.25	-0.23	-0.21	4	
382	STKILDA	RD	ST KILDA	1708947	322823	5806844		5.04	5.02	5.00	4.80	0.2	1.00	0.24	1	4.807	-0.23	-0.21	-0.19	4	

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	1[illegible] yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
384	STKILDA	RD	ST KILDA	1708948	322827	5806842		5.04	5.02	5.00	4.80	0.2	1.00	0.24	1	4.812	[illegible]73	-0.21	-0.19	4	
386	STKILDA	RD	ST KILDA	1708949	322828	5806833		5.04	5.02	5.00	4.80	0.2	1.00	0.24	1	4.878	[illegible]16	-0.14	-0.12	4	
388	STKILDA	RD	ST KILDA	1708951	322828	5806831		5.05	5.02	5.00	5.00	0.0	1.00	0.05	1	4.87	[illegible]1[illegible]	-0.15	-0.13	4	
390	STKILDA	RD	ST KILDA	1708952	322832	5806825		5.10	5.02	5.00	5.00	0.1	1.00	0.10	1	4.86	[illegible]24	-0.16	-0.14	4	
400	STKILDA	RD	ST KILDA	1938380	322853	5806789		5.15	5.10	5.05	5.00	0.2	1.00	0.15	1						
1	VALE	ST	ST KILDA	1710296	322361	5806929		4.41	4.11	4.01	3.80	0.6	0.40	0.24	1	3.992	[illegible]42	-0.12	-0.02	4	"Flood" assumed from pondage
2	VALE	ST	ST KILDA	1710297	322387	5806953		4.42	4.12	4.02	3.80	0.6	0.40	0.25	1	3.734	[illegible]69	-0.38	-0.28	4	"Flood" assumed from pondage
3	VALE	ST	ST KILDA	1710298	322381	5806926		4.42	4.12	4.02	3.80	0.6	0.40	0.25	1					1	"Flood" assumed from pondage
5	VALE	ST	ST KILDA	1710299	322387	5806925		4.42	4.12	4.02	3.40	1.0	0.40	0.41	2	3.9	[illegible]52	-0.22	-0.12	4	"Flood" assumed from pondage
6	VALE	ST	ST KILDA	1710300	322401	5806951		4.43	4.13	4.03	3.60	0.8	0.40	0.33	1	3.628	[illegible]80	-0.50	-0.40	4	"Flood" assumed from pondage
7	VALE	ST	ST KILDA	1710301	322398	5806924		4.43	4.13	4.03	3.50	0.9	0.40	0.37	1	3.957	[illegible]47	-0.17	-0.07	4	"Flood" assumed from pondage
8	VALE	ST	ST KILDA	1938472	322413	5806950		4.43	4.13	4.03	3.60	0.8	0.40	0.33	1					1	"Flood" assumed from pondage
9	VALE	ST	ST KILDA	1710305	322416	5806921		4.43	4.13	4.03	3.40	1.0	0.40	0.41	2	3.611	[illegible]82	-0.52	-0.42	4	"Flood" assumed from pondage
10	VALE	ST	ST KILDA					4.43	4.13	4.03	3.40	1.0	0.40	0.41	2	3.657	[illegible]78	-0.48	-0.38	4	"Flood" assumed from pondage
12	VALE	ST	ST KILDA	1710306	322425	5806948		4.43	4.13	4.03	3.40	1.0	0.40	0.41	2					1	"Flood" assumed from pondage
12	VALE	ST	ST KILDA	1938473	322440	5806960		4.43	4.13	4.03	3.40	1.0	0.40	0.41	2					1	"Flood" assumed from pondage
14	VALE	ST	ST KILDA	1710311	322438	5806946		4.44	4.14	4.04	3.40	1.0	0.40	0.42	2	4.232	[illegible]21	0.09	0.19	2	"Flood" assumed from pondage
17	VALE	ST	ST KILDA	1710312	322432	5806918		4.44	4.14	4.04	3.40	1.0	0.40	0.42	2	3.668	[illegible]77	-0.47	-0.37	4	"Flood" assumed from pondage
18	VALE	ST	ST KILDA	1710313	322516	5806937		4.47	4.17	4.07	3.40	1.1	0.40	0.43	2	3.803	[illegible]66	-0.36	-0.26	4	"Flood" assumed from pondage
19	VALE	ST	ST KILDA	1710314	322539	5806901		4.48	4.18	4.08	3.50	1.0	0.40	0.39	1	3.33	[illegible]15	-0.85	-0.75	4	"Flood" assumed from pondage
20	VALE	ST	ST KILDA	1710315	322523	5806935		4.47	4.17	4.07	3.40	1.1	0.40	0.43	2	3.843	[illegible]53	-0.33	-0.23	4	"Flood" assumed from pondage
21	VALE	ST	ST KILDA	1710316	322545	5806901		4.48	4.18	4.08	3.50	1.0	0.40	0.39	1	4.159	[illegible]32	-0.02	0.08	3	"Flood" assumed from pondage
23	VALE	ST	ST KILDA	1710317	322552	5806900		4.48	4.18	4.08	3.60	0.9	0.40	0.35	1	N/A				1	"Flood" assumed from pondage
24	VALE	ST	ST KILDA	1710318	322533	5806934		4.47	4.17	4.07	3.40	1.1	0.50	0.54	2	3.957	[illegible]52	-0.22	-0.12	4	"Flood" assumed from pondage
25	VALE	ST	ST KILDA	1938474	322564	5806898		4.49	4.19	4.09	3.60	0.9	0.50	0.44	2	4.186	[illegible]30	0.00	0.10	2	"Flood" assumed from pondage
26	VALE	ST	ST KILDA	1938475	322546	5806933		4.48	4.18	4.08	3.40	1.1	0.50	0.54	2	4.027	[illegible]45	-0.15	-0.05	4	"Flood" assumed from pondage
27	VALE	ST	ST KILDA	1710331	322579	5806896		4.49	4.19	4.09	3.60	0.9	0.50	0.45	2	4.218	[illegible]77	0.03	0.13	2	"Flood" assumed from pondage
28	VALE	ST	ST KILDA	1710332	322557	5806931		4.48	4.18	4.08	3.40	1.1	0.50	0.54	2	4.116	[illegible]37	-0.07	0.03	3	"Flood" assumed from pondage
30	VALE	ST	ST KILDA	1710333	322566	5806930		4.49	4.19	4.09	3.50	1.0	0.50	0.49	2	4	[illegible]49	-0.19	-0.09	4	"Flood" assumed from pondage
30	VALE	ST	ST KILDA	1710334	322572	5806929		4.49	4.19	4.09	3.50	1.0	0.60	0.59	2	4	[illegible]49	-0.19	-0.09	4	"Flood" assumed from pondage
31	VALE	ST	ST KILDA	1710335	322589	5806895		4.50	4.20	4.10	3.60	0.9	0.60	0.54	2	4.154	[illegible]34	-0.04	0.06	3	"Flood" assumed from pondage
32	VALE	ST	ST KILDA	1710336	322585	5806927		4.49	4.19	4.09	3.60	0.9	0.60	0.53	2	4.005	[illegible]49	-0.19	-0.09	4	"Flood" assumed from pondage
33	VALE	ST	ST KILDA	1710343	322600	5806893		4.50	4.20	4.10	3.60	0.9	0.60	0.54	2	3.952	[illegible]55	-0.25	-0.15	4	"Flood" assumed from pondage
34	VALE	ST	ST KILDA	1710344	322601	5806925		4.50	4.20	4.10	3.50	1.0	0.60	0.60	2	4.192	[illegible]31	0.00	0.10	3	"Flood" assumed from pondage
35	VALE	ST	ST KILDA	1710345	322612	5806891		4.50	4.20	4.10	3.70	0.8	0.60	0.48	2	4.02	[illegible]47	-0.18	-0.08	4	"Flood" assumed from pondage
36	VALE	ST	ST KILDA	1710346	322614	5806923		4.51	4.21	4.11	3.60	0.9	0.70	0.63	2	4.193	[illegible]31	-0.01	0.09	3	"Flood" assumed from pondage
37	VALE	ST	ST KILDA	1938476	322630	5806889		4.52	4.22	4.12	3.80	0.7	0.70	0.50	2					1	"Flood" assumed from pondage
37	VALE	ST	ST KILDA	49837	322630	5806889		4.52	4.22	4.12	3.80	0.7	0.70	0.50	2					1	"Flood" assumed from pondage
37	VALE	ST	ST KILDA	49838	322620	5806940		4.52	4.22	4.12	3.80	0.7	0.70	0.50	2					1	"Flood" assumed from pondage
38	VALE	ST	ST KILDA	1710368	322627	5806920		4.52	4.22	4.12	3.60	0.9	0.70	0.65	2	4.288	[illegible]24	0.06	0.16	2	"Flood" assumed from pondage
39	VALE	ST	ST KILDA	1938477	322653	5806886		4.54	4.24	4.14	4.00	0.5	0.70	0.38	1					1	"Flood" assumed from pondage
40	VALE	ST	ST KILDA	1710374	322638	5806919		4.52	4.22	4.12	3.60	0.9	0.80	0.74	2	4.381	-0.14	0.16	0.26	2	"Flood" assumed from pondage
42	VALE	ST	ST KILDA	1710375	322650	5806917		4.53	4.23	4.13	3.80	0.7	0.80	0.59	2	4.561	[illegible]03	0.33	0.43	1	"Flood" assumed from pondage
43	VALE	ST	ST KILDA	1710376	322670	5806883		4.55	4.25	4.15	4.00	0.6	0.90	0.50	2	4.462	[illegible]09	0.21	0.31	2	"Flood" assumed from pondage
44	VALE	ST	ST KILDA	1710377	322665	5806915		4.55	4.25	4.15	3.80	0.7	0.90	0.67	2	4.197	[illegible]25	-0.05	0.05	3	"Flood" assumed from pondage
45	VALE	ST	ST KILDA	1710378	322682	5806882		4.56	4.26	4.16	4.20	0.4	0.90	0.32	1					1	"Flood" assumed from pondage
46	VALE	ST	ST KILDA	1710379	322684	5806912		4.55	4.25	4.15	3.90	0.7	0.90	0.59	2	4.286	[illegible]76	0.04	0.14	2	"Flood" assumed from pondage
47	VALE	ST	ST KILDA	1710380	322693	5806880		4.54	4.24	4.14	4.20	0.3	1.00	0.34	1	4.538	[illegible]00	0.30	0.40	1	"Flood" assumed from pondage
49	VALE	ST	ST KILDA	1710381	322704	5806878		4.58	4.28	4.18	4.20	0.4	1.00	0.38	1	4.36	[illegible]22	0.09	0.19	2	"Flood" assumed from pondage
50	VALE	ST	ST KILDA	1710382	322695	5806911		4.57	4.27	4.17	4.00	0.6	1.00	0.57	2					1	"Flood" assumed from pondage
50	VALE	ST	ST KILDA	1710383	322701	5806910		4.57	4.27	4.17	4.20	0.4	1.10	0.41	2					1	"Flood" assumed from pondage
51	VALE	ST	ST KILDA	1710384	322718	5806876		4.58	4.28	4.18	4.20	0.4	1.20	0.46	2	4.55	[illegible]03	0.27	0.37	2	"Flood" assumed from pondage
52	VALE	ST	ST KILDA	1710385	322707	5806909		4.58	4.28	4.18	4.20	0.4	1.20	0.45	2	4.436	[illegible]14	0.16	0.26	2	"Flood" assumed from pondage
52	VALE	ST	ST KILDA	1710386	322713	5806908		4.58	4.28	4.18	4.20	0.4	1.40	0.53	2	4.436	[illegible]15	0.15	0.25	2	"Flood" assumed from pondage
53	VALE	ST	ST KILDA	1710387	322729	5806875		4.59	4.29	4.19	4.20	0.4	1.50	0.59	2	4.8	[illegible]21	0.51	0.61	1	"Flood" assumed from pondage
54	VALE	ST	ST KILDA	1710388	322722	5806907		4.59	4.29	4.19	4.20	0.4	1.50	0.59	2	4.615	[illegible]03	0.33	0.43	1	"Flood" assumed from pondage
55	VALE	ST	ST KILDA	1710389	322738	5806874		4.59	4.29	4.19	4.20	0.4	1.50	0.59	2					1	
1	WENDEN	GR	BALACLAVA	1710984	324725	5806905		27.30	27.08	26.82	26.30	1.0	1.01	1.01	3					1	
2	WENDEN	GR	BALACLAVA	1710985	324734	5806933		27.31	27.09	26.83	26.40	0.9	1.02	0.93	3	27.385	[illegible]08	0.30	0.56	1	
3	WENDEN	GR	BALACLAVA	1710986	324711	5806902		26.80	26.58	26.33	25.90	0.9	0.74	0.67	2	26.69	[illegible]11	0.11	0.36	2	0
4	WENDEN	GR	BALACLAVA	1710987	324718	5806934		26.80	26.58	26.33	26.10	0.7	0.74	0.52	2					1	
5	WENDEN	GR	BALACLAVA	1710988	324696	5806904		26.30	26.16	26.00	25.50	0.8	2.33	1.86	3	26.376	[illegible]08	0.22	0.38	1	
6	WENDEN	GR	BALACLAVA	1710989	324704	5806936		26.30	26.16	26.00	25.60	0.7	2.33	1.63	3	26.684	[illegible]38	0.52	0.68	1	
7	WENDEN	GR	BALACLAVA	1710990	324679	5806911		25.80	25.65	25.49	25.20	0.6	3.82	2.29	3	25.899	[illegible]69	0.25	0.41		
8	WENDEN	GR	BALACLAVA	1710991	324638	5806932		25.60	25.60	25.38	25.10	0.5	3.82	1.91	3	24.588	[illegible]01	-1.01	-0.79	4	-1
9	WENDEN	GR	BALACLAVA	1710992	324665	5806908		25.58	25.44	25.27	25.00	0.6	3.82	2.21	3	25.27	[illegible]51	-0.17	0.00	3	0
11	WENDEN	GR	BALACLAVA	1710994	324652	5806910		25.53	25.39	25.22	24.60	0.9	3.82	3.55	3	25.401	[illegible]13	0.01	0.18	2	0
62	WESTBURY	ST	BALACLAVA	1938550	323651	5807108															

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
64	WESTBURY	ST	BALACLAVA	1938551	323648	5807085															
66	WESTBURY	ST	BALACLAVA	1938552	323645	5807063															
68	WESTBURY	ST	BALACLAVA	1711407	323642	5807040															
70	WESTBURY	ST	BALACLAVA	1938553	323640	5807022															
72	WESTBURY	ST	BALACLAVA	1938555	323638	5807006															
74	WESTBURY	ST	BALACLAVA	1711445	323636	5806993															
76	WESTBURY	ST	BALACLAVA	1938558	323629	5806959															
78	WESTBURY	ST	BALACLAVA	1711495	323628	5806940		10.65	10.60	10.55	10.30	0.4	1.29	0.45	2						
80	WESTBURY	ST	BALACLAVA	1711496	323626	5806919		10.45	10.41	10.35	10.10	0.4	1.30	0.45	2						
82	WESTBURY	ST	BALACLAVA	1938561	323624	5806894		10.18	10.14	10.08	9.90	0.3	1.30	0.36	1						
83	WESTBURY	ST	BALACLAVA	1938562	323612	5807097		10.70	10.65	10.63	10.20	0.5	1.30	0.65	2						
84	WESTBURY	ST	BALACLAVA	1711556	323619	5806874		10.70	10.65	10.63	9.80	0.9	1.31	1.18	3						
85	WESTBURY	ST	BALACLAVA	1938563	323608	5807068		10.70	10.65	10.63	10.00	0.7	1.31	0.92	3						
86	WESTBURY	ST	BALACLAVA	1711566	323617	5806854		9.80	9.76	9.71	9.70	0.1	1.31	0.13	1						
87	WESTBURY	ST	BALACLAVA	1711567	323606	5807050		10.45	10.41	10.35	10.00	0.4	1.30	0.58	2						
88	WESTBURY	ST	BALACLAVA	1711568	323616	5806841		9.63	9.59	9.54	9.50	0.1	1.30	0.17	1	10.002	0.37	0.41	0.46	0	0
89	WESTBURY	ST	BALACLAVA	1711569	323604	5807029		10.18	10.14	10.08	9.90	0.3	1.30	0.36	1						
90	WESTBURY	ST	BALACLAVA	1711570	323615	5806832		9.52	9.48	9.43	9.40	0.1	1.30	0.16	1						
91	WESTBURY	ST	BALACLAVA	1938564	323601	5807004		10.18	10.14	10.08	9.90	0.3	1.30	0.36	1						
92	WESTBURY	ST	BALACLAVA	1711580	323615	5806827		9.52	9.48	9.43	9.20	0.3	1.32	0.42	2						
93	WESTBURY	ST	BALACLAVA		323593	5806963		10.18	10.14	10.08	9.90	0.3	1.30	0.36	1						
93	WESTBURY	ST	BALACLAVA	1938565				10.18	10.14	10.08	9.90	0.3	1.30	0.36	1	10.527	0.35	0.39	0.45	0	Unit 1
93	WESTBURY	ST	BALACLAVA					10.18	10.14	10.08	9.90	0.3	1.30	0.36	1	10.549	0.37	0.41	0.47	0	Unit 2
94	WESTBURY	ST	BALACLAVA	1711586	323613	5806819		9.52	9.48	9.43	9.20	0.3	1.32	0.42	2						
95	WESTBURY	ST	BALACLAVA	1938566	323591	5806943		10.63	10.58	10.53	10.20	0.4	1.29	0.56	2	10.631	0.45	0.05	0.10	0	0
96	WESTBURY	ST	BALACLAVA	1711590	323612	5806810		9.40	9.32	9.22	9.20	0.2	1.28	0.26	1						0
97	WESTBURY	ST	BALACLAVA	1938567	323589	5806923		10.42	10.38	10.32	10.00	0.4	1.30	0.54	2	10.4	0.02	0.02	0.08	2	0
98	WESTBURY	ST	BALACLAVA	1711600	323610	5806797		9.34	9.27	9.16	9.20	0.1	1.22	0.17	1						
99	WESTBURY	ST	BALACLAVA	1938568	323588	5806901		10.20	10.16	10.10	9.80	0.4	1.30	0.52	2	10.303	0.14	0.14	0.20	0	0
100	WESTBURY	ST	BALACLAVA	1938569	323608	5806781		9.27	9.20	9.09	9.00	0.3	1.14	0.31	1						
102	WESTBURY	ST	BALACLAVA	1938570	323606	5806768		9.21	9.14	9.03	9.00	0.2	1.08	0.23	1	9.458	0.25	0.32	0.43	0	0
103	WESTBURY	ST	BALACLAVA	1711633	323586	5806885		10.05	10.01	9.95	9.70	0.4	1.31	0.46	2	10.293	0.24	0.28	0.34	0	0
104	WESTBURY	ST	BALACLAVA	1938571	323605	5806754		9.15	9.08	8.97	9.00	0.2	1.02	0.15	1						
105	WESTBURY	ST	BALACLAVA	1711643	323584	5806871		9.90	9.82	9.71	9.60	0.3	1.31	0.39	1	10.05	0.15	0.23	0.34	0	0
106	WESTBURY	ST	BALACLAVA	1938572	323603	5806741		9.10	9.03	8.92	8.80	0.3	0.89	0.27	1						
107	WESTBURY	ST	BALACLAVA	1711653	323582	5806852		9.71	9.67	9.62	9.50	0.2	1.31	0.28	1	9.987	0.23	0.32	0.37	0	0
108	WESTBURY	ST	BALACLAVA	1938573	323601	5806725		9.04	8.97	8.86	8.70	0.3	0.83	0.28	1						
109	WESTBURY	ST	BALACLAVA	1711661	323580	5806835		9.52	9.48	9.43	9.20	0.3	1.32	0.42	2						
110	WESTBURY	ST	BALACLAVA	1938574	323599	5806709		8.97	8.90	8.80	8.60	0.4	0.83	0.31	1						
111	WESTBURY	ST	BALACLAVA	1938575	323578	5806818		9.39	9.31	9.21	9.20	0.2	1.27	0.24	1	9.61	0.22	0.30	0.40	0	0
112	WESTBURY	ST	BALACLAVA	1711676	323597	5806693		8.92	8.85	8.75	8.60	0.3	0.78	0.25	1						
112	WESTBURY	ST	BALACLAVA	1938576	323595	5806681		8.86	8.79	8.69	8.60	0.3	0.71	0.19	1						
113	WESTBURY	ST	BALACLAVA	1938577	323576	5806804		9.34	9.27	9.16	8.40	0.9	1.22	1.14	3						
114	WESTBURY	ST	BALACLAVA	1711692	323581	5806571						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
114	WESTBURY	ST	BALACLAVA	1711693	323583	5806588						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
115	WESTBURY	ST	BALACLAVA	1711694	323575	5806793		9.29	9.22	9.11	9.10	0.2	1.16	0.22	1						
116	WESTBURY	ST	BALACLAVA	1711695	323579	5806556						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
117	WESTBURY	ST	BALACLAVA	1938578	323573	5806776		9.24	9.17	9.06	8.80	0.4	1.11	0.49	2						
118	WESTBURY	ST	BALACLAVA	1711708	323577	5806540						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
119	WESTBURY	ST	BALACLAVA	1711709	323571	5806756		9.14	9.07	8.96	8.80	0.3	1.01	0.34	1	9.023	-0.12	-0.05	0.06	3	
120	WESTBURY	ST	BALACLAVA	1711710	323575	5806524						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
121	WESTBURY	ST	BALACLAVA	1711711	323569	5806743		9.09	9.02	8.91	8.60	0.5	0.96	0.47	2	8.954	0.14	-0.07	0.04	3	
122	WESTBURY	ST	BALACLAVA	1711712	323573	5806510						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
123	WESTBURY	ST	BALACLAVA	1938579	323567	5806732		9.05	9.98	8.87	8.60	0.5	0.92	0.41	2						
124	WESTBURY	ST	BALACLAVA	1711722	323571	5806495						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
125	WESTBURY	ST	BALACLAVA	1938580	323566	5806717		8.98	8.91	8.81	8.60	0.4	0.84	0.32	1	8.973	-0.01	0.06	0.16	2	
126	WESTBURY	ST	BALACLAVA	1711728	323569	5806480						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
127	WESTBURY	ST	BALACLAVA	1711729	323551	5806593						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
128	WESTBURY	ST	BALACLAVA	1711730	323568	5806465						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
129	WESTBURY	ST	BALACLAVA	1711731	323549	5806575						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
130	WESTBURY	ST	BALACLAVA	1711732	323565	5806451						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
131	WESTBURY	ST	BALACLAVA	1711733	323547	5806560						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
132	WESTBURY	ST	BALACLAVA	1711734	323564	5806435						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
133	WESTBURY	ST	BALACLAVA	1711735	323545	5806545						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
135	WESTBURY	ST	BALACLAVA	1711736	323544	5806530						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
137	WESTBURY	ST	BALACLAVA	1711737	323541	5806515						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
139	WESTBURY	ST	BALACLAVA	1711738	323540	5806500						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
141	WESTBURY	ST	BALACLAVA	1711739	323538	5806485						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible]	(m)	(m)	Category	
143	WESTBURY	ST	BALACLAVA	1711740	323536	5806470						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
145	WESTBURY	ST	BALACLAVA	1711741	323534	5806454						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
147	WESTBURY	ST	BALACLAVA	1711742	323532	5806440						0.1	0.90	0.09	1						Some Overland Flow 5% grade 0.1m deep
	WESTBURY	ST	BALACLAVA													8.455					1st block Nth of #320 Carlisle
	WESTBURY	ST	BALACLAVA													8.479					2nd block Nth of #320 Carlisle
	WESTBURY	ST	BALACLAVA													8.499					3rd block Nth of #320 Carlisle
1	WILGAH	ST	BALACLAVA	1711743	324315	5806938															
2	WILGAH	ST	BALACLAVA	1711744	324349	5806932		19.90	19.89	19.86	19.40	0.5	1.53	0.77	2						
3	WILGAH	ST	BALACLAVA	42367	324316	5806944															
4	WILGAH	ST	BALACLAVA	1711746	324350	5806939		19.90	19.89	19.86	19.40	0.5	1.53	0.77	2						
5	WILGAH	ST	BALACLAVA	1711747	324316	5806951															
6	WILGAH	ST	BALACLAVA	1711748	324351	5806946		19.90	19.89	19.86	19.40	0.5	1.53	0.77	2						
7	WILGAH	ST	BALACLAVA	1711749	324317	5806958															
8	WILGAH	ST	BALACLAVA	1711750	323397	5806934															
9	WILGAH	ST	BALACLAVA	1711751	324318	5806964															
10	WILGAH	ST	BALACLAVA	1938581	324352	5806961															
11	WILGAH	ST	BALACLAVA	1711761	324319	5806971															
12	WILGAH	ST	BALACLAVA	52120	324354	5806974															
13	WILGAH	ST	BALACLAVA	1711763	324321	5806981															
14	WILGAH	ST	BALACLAVA	1711764	324354	5806983															
15	WILGAH	ST	BALACLAVA	1711765	324322	5806995															
16	WILGAH	ST	BALACLAVA	1711766	324355	5806990															
17	WILGAH	ST	BALACLAVA	1938582	324323	5807009															
18	WILGAH	ST	BALACLAVA	1711777	324357	5806996															
20	WILGAH	ST	BALACLAVA	1711778	324358	5807003															
21	WILGAH	ST	BALACLAVA	27269	324326	5807021															
22	WILGAH	ST	BALACLAVA	1711780	324359	5807012															
23	WILGAH	ST	BALACLAVA	27270	324327	5807027															
24	WILGAH	ST	BALACLAVA	1938584	324362	5807025															
25	WILGAH	ST	BALACLAVA	1711793	324327	5807035															
26	WILGAH	ST	BALACLAVA	1938585	324363	5807037															
3	WILLIAM	PL	BALACLAVA	1711880	323414	5806475															
2	WILLIAM	ST	BALACLAVA	1711879	323483	5806615															0.5% street grade
3	WILLIAM	ST	BALACLAVA	1711881	323453	5806582															
6	WILLIAM	ST	BALACLAVA	1711882	323482	5806605															
8	WILLIAM	ST	BALACLAVA	1711883	323481	5806597															
10	WILLIAM	ST	BALACLAVA	1711884	323480	5806584															
12	WILLIAM	ST	BALACLAVA	1711885	323481	5806572															
13	WILLIAM	ST	BALACLAVA	1711886	323450	5806563															
15	WILLIAM	ST	BALACLAVA	1711888	323449	5806554															
16	WILLIAM	ST	BALACLAVA	1711889	323479	5806565															
17	WILLIAM	ST	BALACLAVA	1711890	323448	5806545															
18	WILLIAM	ST	BALACLAVA	1711891	323478	5806554															
19	WILLIAM	ST	BALACLAVA	1711892	323447	5806535															
20	WILLIAM	ST	BALACLAVA	1711893	323478	5806548															
21	WILLIAM	ST	BALACLAVA	1711894	323444	5806514															
22	WILLIAM	ST	BALACLAVA	1711895	323477	5806541															
23	WILLIAM	ST	BALACLAVA	1711897	323442	5806498															
24	WILLIAM	ST	BALACLAVA	1711898	323475	5806528															
25	WILLIAM	ST	BALACLAVA	1711899	323439	5806471															
27	WILLIAM	ST	BALACLAVA	1711900	323438	5806458															
28	WILLIAM	ST	BALACLAVA	1711901	323473	5806511															
29	WILLIAM	ST	BALACLAVA	1711902	323425	5806410															
31	WILLIAM	ST	BALACLAVA	1711903	323424	5806382															
32	WILLIAM	ST	BALACLAVA	1711904	323472	5806502															
33	WILLIAM	ST	BALACLAVA	1711905	323427	5806354															
34	WILLIAM	ST	BALACLAVA	1711906	323471	5806495															
36	WILLIAM	ST	BALACLAVA	1711907	323470	5806485															
38	WILLIAM	ST	BALACLAVA	1711908	323468	5806475															
40	WILLIAM	ST	BALACLAVA	1711909	323466	5806463															
42	WILLIAM	ST	BALACLAVA	1711910	323465	5806453															
46	WILLIAM	ST	BALACLAVA	1711912	323463	5806433															
48	WILLIAM	ST	BALACLAVA	1711913	323462	5806421															For Overland Flow here see City of Port Phillip
50	WILLIAM	ST	BALACLAVA	1711914	323462	5806408															For Overland Flow here see City of Port Phillip
52	WILLIAM	ST	BALACLAVA	1938592	323462	5806376															For Overland Flow here see City of Port Phillip
54	WILLIAM	ST	BALACLAVA	1711924	323463	5806360															For Overland Flow here see City of Port Phillip
56	WILLIAM	ST	BALACLAVA	1938593	323465	5806343															For Overland Flow here see City of Port Phillip
58	WILLIAM	ST	BALACLAVA	1711935	323463	5806332															For Overland Flow here see City of Port Phillip

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	10[illegible] yr Floo Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	[illegible])	(m)	(m)	Category	
60	WILLIAM	ST	BALACLAVA	1711936	323463	5806327															For Overland Flow here see City of Port Phillip
62	WILLIAM	ST	BALACLAVA	1711937	323463	5806322															For Overland Flow here see City of Port Phillip
64	WILLIAM	ST	BALACLAVA	1711938	323464	5806317															For Overland Flow here see City of Port Phillip
66	WILLIAM	ST	BALACLAVA	1711939	323464	5806311															For Overland Flow here see City of Port Phillip
68	WILLIAM	ST	BALACLAVA	1711940	323465	5806306															For Overland Flow here see City of Port Phillip
70	WILLIAM	ST	BALACLAVA	1711941	323465	5806301															For Overland Flow here see City of Port Phillip
72	WILLIAM	ST	BALACLAVA	1711942	323466	5806296															For Overland Flow here see City of Port Phillip
74	WILLIAM	ST	BALACLAVA	1711943	323467	5806275															For Overland Flow here see City of Port Phillip
76	WILLIAM	ST	BALACLAVA	1711944	323467	5806269															For Overland Flow here see City of Port Phillip
78	WILLIAM	ST	BALACLAVA	1938594	323468	5806264															For Overland Flow here see City of Port Phillip
1	WOODSTOCK	ST	BALACLAVA	1712079	323221	5806327															
2	WOODSTOCK	ST	BALACLAVA	1712086	323249	5806322															
3	WOODSTOCK	ST	BALACLAVA	1712087	323222	5806335															
4	WOODSTOCK	ST	BALACLAVA	1712088	323251	5806334															
5	WOODSTOCK	ST	BALACLAVA	1712089	323223	5806343															
6	WOODSTOCK	ST	BALACLAVA	1712090	323251	5806342															
7	WOODSTOCK	ST	BALACLAVA	1938608	323225	5806354															
8	WOODSTOCK	ST	BALACLAVA	1712095	323250	5806350															
10	WOODSTOCK	ST	BALACLAVA	1712096	323257	5806381															
14	WOODSTOCK	ST	BALACLAVA	1712097	323258	5806389															
15	WOODSTOCK	ST	BALACLAVA	1712098	323232	5806399															
16	WOODSTOCK	ST	BALACLAVA	1712099	323259	5806396															
17	WOODSTOCK	ST	BALACLAVA	1712100	323232	5806407															
18	WOODSTOCK	ST	BALACLAVA	1712101	323260	5806402															
19	WOODSTOCK	ST	BALACLAVA	1712102	323233	5806418															
21	WOODSTOCK	ST	BALACLAVA	1712103	323234	5806426															
30	WOODSTOCK	ST	BALACLAVA	1712106	323289	5806641		6.30	6.25	6.20	5.60	0.7	0.00	0.00	1						
1	WORDSWORTH	ST	ST KILDA	1712143	322001	5806155		1.60	1.35	n/a	1.45	0.2	0.00	0.00	1					1	"Flood" assumed from pondage
2	WORDSWORTH	ST	ST KILDA	1712144	321981	5806185		1.60	1.35	n/a	1.40	0.2	0.00	0.00	1					1	"Flood" assumed from pondage
2	WORDSWORTH	ST	ST KILDA	1712145	321986	5806186		1.60	1.35	n/a	1.42	0.2	0.00	0.00	1					1	"Flood" assumed from pondage
2	WORDSWORTH	ST	ST KILDA	1712146	321991	5806186		1.60	1.35	n/a	1.45	0.2	0.00	0.00	1					1	"Flood" assumed from pondage
3	WORDSWORTH	ST	ST KILDA	1712147	322011	5806157		1.60	1.35	n/a	1.50	0.1	0.00	0.00	1					1	"Flood" assumed from pondage
4	WORDSWORTH	ST	ST KILDA	1712148	321998	5806187		1.60	1.35	n/a	1.47	0.1	0.00	0.00	1					1	"Flood" assumed from pondage
5	WORDSWORTH	ST	ST KILDA	1712149	322021	5806158		1.60	1.35	n/a	1.52	0.1	0.00	0.00	1					1	"Flood" assumed from pondage
6	WORDSWORTH	ST	ST KILDA	1712150	322009	5806188		1.60	1.35	n/a	1.52	0.1	0.00	0.00	1					1	"Flood" assumed from pondage
7	WORDSWORTH	ST	ST KILDA	1712151	322031	5806160		1.60	1.35	n/a	1.56	0.0	0.00	0.00	1					1	"Flood" assumed from pondage
8	WORDSWORTH	ST	ST KILDA	1712152	322014	5806189		1.60	1.35	n/a	1.55	0.1	0.00	0.00	1					1	"Flood" assumed from pondage
9	WORDSWORTH	ST	ST KILDA	1712153	322041	5806161		1.60	1.35	n/a	1.60	0.0	0.00	0.00	1					1	"Flood" assumed from pondage
10	WORDSWORTH	ST	ST KILDA	1712154	322021	5806190		1.60	1.35	n/a	1.57	0.0	0.00	0.00	1					1	"Flood" assumed from pondage
11	WORDSWORTH	ST	ST KILDA	1712155	322050	5806162															
12	WORDSWORTH	ST	ST KILDA	1712156	322026	5806191		1.60	1.35	n/a	1.58	0.0	0.00	0.00	1					1	"Flood" assumed from pondage
13	WORDSWORTH	ST	ST KILDA	1712157	322059	5806163															
15	WORDSWORTH	ST	ST KILDA	1712158	322068	5806165															
16	WORDSWORTH	ST	ST KILDA	1712159	322154	5806207															
17	WORDSWORTH	ST	ST KILDA	1712160	322078	5806166															
18	WORDSWORTH	ST	ST KILDA	1712161	322164	5806209															
19	WORDSWORTH	ST	ST KILDA	1712162	322087	5806167															
20	WORDSWORTH	ST	ST KILDA	1712163	322172	5806210															
21	WORDSWORTH	ST	ST KILDA	1712164	322112	5806170															
22	WORDSWORTH	ST	ST KILDA	1712165	322181	5806211															
23	WORDSWORTH	ST	ST KILDA	1712166	322122	5806171															
25	WORDSWORTH	ST	ST KILDA	1712167	322131	5806173															
27	WORDSWORTH	ST	ST KILDA	1712168	322139	5806173															
29	WORDSWORTH	ST	ST KILDA	1712169	322145	5806174															
31	WORDSWORTH	ST	ST KILDA	1712170	322151	5806175															
33	WORDSWORTH	ST	ST KILDA	1712171	322158	5806176															
35	WORDSWORTH	ST	ST KILDA	1712172	322168	5806177															
37	WORDSWORTH	ST	ST KILDA	1712173	322177	5806178															
39	WORDSWORTH	ST	ST KILDA	1712174	322187	5806180															
9	YOUNG	ST	BALACLAVA	1712359	323486	5807125															
11	YOUNG	ST	BALACLAVA	1712361	323485	5807120															
15	YOUNG	ST	BALACLAVA	1712364	323484	5807108															
17	YOUNG	ST	BALACLAVA	1712366	323482	5807090															
19	YOUNG	ST	BALACLAVA	1712368	323480	5807076															
20	YOUNG	ST	BALACLAVA	1712369	323510	5807130															
22	YOUNG	ST	BALACLAVA	1712370	323509	5807124															
23	YOUNG	ST	BALACLAVA	1712371	323478	5807062															
24	YOUNG	ST	BALACLAVA	1712372	323509	5807117															

Street No.	Street Name		Suburb	Rate Reference Number	Easting	Northing	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surf. Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	16 yr Floo Flood	50 yr Floor Flood	20 yr Floor Flood	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)	(m/s)	(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
25	YOUNG	ST	BALACLAVA	1712373	323476	5807047															
26	YOUNG	ST	BALACLAVA	1712374	323508	5807110															
28	YOUNG	ST	BALACLAVA	1712375	323507	5807102															
30	YOUNG	ST	BALACLAVA	1712376	323506	5807093															
32	YOUNG	ST	BALACLAVA	1712377	323504	5807083															
36	YOUNG	ST	BALACLAVA	1712379	323502	5807063															
40	YOUNG	ST	BALACLAVA	1712380	323501	5807051															
42	YOUNG	ST	BALACLAVA	1712381	323495	5807038															

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name: Mc Gregor Street
Municipality: Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (mAHD)	50 yr ARI Flood Level (mAHD)	20 yr ARI Flood Level (mAHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity (m/s)	V*D Product (100yr)	Floodway Safety Ris . Categ ry	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
8	LANGRIDGE	ST	ALBERT PARK	320988	5808362	1636671		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.261	0.51	0.61	0.66	0	
10	LANGRIDGE	ST	ALBERT PARK	320984	5808357	1636672		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.948	0.20	0.30	0.35	1	
15	LANGRIDGE	ST	ALBERT PARK	321024	5808339	1636675		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
17	LANGRIDGE	ST	ALBERT PARK	321021	5808333	1636676		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
19	LANGRIDGE	ST	ALBERT PARK	321018	5808327	1636677		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
21	LANGRIDGE	ST	ALBERT PARK	321011	5808313	1636678		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.071	0.32	0.42	0.47	1	
21	LANGRIDGE	ST	ALBERT PARK	321011	5808313	1636678		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
23	LANGRIDGE	ST	ALBERT PARK	321008	5808307	1636679		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
25	LANGRIDGE	ST	ALBERT PARK	321005	5808302	1636680		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
27	LANGRIDGE	ST	ALBERT PARK	321002	5808297	1636681		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
29	LANGRIDGE	ST	ALBERT PARK	320999	5808293	1636682		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
31	LANGRIDGE	ST	ALBERT PARK	320996	5808288	1636683		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.187	0.44	0.54	0.59	1	
2	McGREGOR	ST						1.75	1.65	1.55						2.104	0.35	0.45	2.10	1	Outside Calculated Plane
14	MCGREGOR	ST	ALBERT PARK	320855	5808498	1637057		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
15	MCGREGOR	ST	ALBERT PARK	320886	5808469	1637058		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
17	MCGREGOR	ST	ALBERT PARK	320887	5808462	1637059		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
18	MCGREGOR	ST	ALBERT PARK	320849	5808489	1637060		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
19	MCGREGOR	ST	ALBERT PARK	320884	5808457	1637061		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
20	MCGREGOR	ST	ALBERT PARK	320837	5808472	1637062		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	1.946	0.20	0.30	0.55	1	
21	MCGREGOR	ST	ALBERT PARK	320881	5808453	1637063		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
22	MCGREGOR	ST	ALBERT PARK	320837	5808464	1637064		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
23	MCGREGOR	ST	ALBERT PARK	320878	5808449	1637065		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	1.873	0.12	0.22	0.47	1	
24	MCGREGOR	ST	ALBERT PARK	320829	5808458	1637066		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
25	MCGREGOR	ST	ALBERT PARK	320871	5808437	1637067		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	1.951	0.20	0.30	0.55	1	
26	MCGREGOR	ST	ALBERT PARK	320826	5808453	1637068		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
27	MCGREGOR	ST	ALBERT PARK	320871	5808431	1637069		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
28	MCGREGOR	ST	ALBERT PARK	320822	5808445	1637070		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
29	MCGREGOR	ST	ALBERT PARK	320865	5808427	1637071		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
30	MCGREGOR	ST	ALBERT PARK	320815	5808436	1637072		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.272	0.52	0.62	0.87	1	
31	MCGREGOR	ST	ALBERT PARK	320863	5808423	1637073		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
32	MCGREGOR	ST	ALBERT PARK	320792	5808400	1637074		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
33	MCGREGOR	ST	ALBERT PARK	320860	5808418	1637075		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
34	MCGREGOR	ST	ALBERT PARK	320785	5808387	1637076		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
35	MCGREGOR	ST	ALBERT PARK	320857	5808415	1637077		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
36	MCGREGOR	ST	ALBERT PARK	320784	5808381	1637078		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
37	MCGREGOR	ST	ALBERT PARK	320855	5808411	1637079		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
38	MCGREGOR	ST	ALBERT PARK	320780	5808374	1637080		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.129	0.38	0.48	0.73	1	
39	MCGREGOR	ST	ALBERT PARK	320852	5808406	1637081		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
40	MCGREGOR	ST	ALBERT PARK	320777	5808369	1637082		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					0	
41	MCGREGOR	ST	ALBERT PARK	320848	5808401	1637083		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
42	MCGREGOR	ST	ALBERT PARK	320770	5808362	1637084		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					0	
43	MCGREGOR	ST	ALBERT PARK	320846	5808397	1637085		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.012	0.26	0.36	0.61	1	
44	MCGREGOR	ST	ALBERT PARK	320762	5808354	1637086		1.75	1.65	1.55	1.80	-0.1	0.0	0.00	1					0	
45	MCGREGOR	ST	ALBERT PARK	320844	5808391	1637087		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
46	MCGREGOR	ST	ALBERT PARK	320758	5808343	1637088		1.75	1.65	1.55	1.80	-0.1	0.0	0.00	1					0	
47	MCGREGOR	ST	ALBERT PARK	320842.723	5808388.489	1637089		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
48	MCGREGOR	ST	ALBERT PARK	320757	5808336	1637090		1.75	1.65	1.55	1.80	-0.1	0.0	0.00	1					0	
49	MCGREGOR	ST	ALBERT PARK	320841.259	5808385	1637091		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.002	0.25	0.35	0.60	1	
50	MCGREGOR	ST	ALBERT PARK	320749	5808329	1637092		1.75	1.65	1.55	2.00	-0.3	0.0	0.00	1					0	
51	MCGREGOR	ST	ALBERT PARK	320817	5808351	1943189		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
52	MCGREGOR	ST	ALBERT PARK	320743	5808325	1637096		1.75	1.65	1.55	2.00	-0.3	0.0	0.00	1					0	
53	MCGREGOR	ST	ALBERT PARK	320812	5808342	1637097		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
54	MCGREGOR	ST	ALBERT PARK	320738	5808315	1637098		1.75	1.65	1.55	1.70	0.1	0.0	0.00	1					1	
55	MCGREGOR	ST	ALBERT PARK	320810	5808335	1637099		1.75	1.65	1.55	1.70	0.1	0.0	0.00	1					0	
57	MCGREGOR	ST	ALBERT PARK	320805	5808327	1637100		1.75	1.65	1.55	1.70	0.1	0.0	0.00	1					1	
130	NEVILLE	ST	ALBERT PARK	320780	5808507	1638593		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
132	NEVILLE	ST	ALBERT PARK	320785	5808504	1638594		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
134	NEVILLE	ST	ALBERT PARK	320787	5808501	1638595		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
135	NEVILLE	ST	ALBERT PARK	320793	5808527	1638596		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
136	NEVILLE	ST	ALBERT PARK	320796	5808495	1638597		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
144	NEVILLE	ST	ALBERT PARK	320886	5808419	1638598		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
145	NEVILLE	ST	ALBERT PARK	320819	5808511	1638599		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
146	NEVILLE	ST	ALBERT PARK	320890	5808414	1638600		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.882	0.13	0.23	0.28	1	

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name: Mc Gregor Street
Municipality: Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (mAHD)	50 yr ARI Flood Level (mAHD)	20 yr ARI Flood Level (mAHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity (m/s)	V*D Product (100yr)	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
148	NEVILLE	ST	ALBERT PARK	320894	5808411	1638601		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
150	NEVILLE	ST	ALBERT PARK	320897	5808407	1638602		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
152	NEVILLE	ST	ALBERT PARK	320901	5808403	1638603		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
153	NEVILLE	ST	ALBERT PARK	320904	5808433	1638604		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
154	NEVILLE	ST	ALBERT PARK	320905	5808399	1638605		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
156	NEVILLE	ST	ALBERT PARK	320911	5808391	1638606		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.005	0.26	0.36	0.41	1	
157	NEVILLE	ST	ALBERT PARK	320908	5808428	1638607		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
158	NEVILLE	ST	ALBERT PARK	320918	5808389	1638608		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
159	NEVILLE	ST	ALBERT PARK	320912	5808424	1638609		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
160	NEVILLE	ST	ALBERT PARK	320923	5808379	1638610		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.106	0.36	0.46	0.51	1	
161	NEVILLE	ST	ALBERT PARK	320917	5808420	1638611		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
162	NEVILLE	ST	ALBERT PARK	320930	5808372	1638612		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
163	NEVILLE	ST	ALBERT PARK	320923	5808415	1638613		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
165	NEVILLE	ST	ALBERT PARK	320927	5808410	1638614		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.119	0.37	0.47	0.52	1	
167	NEVILLE	ST	ALBERT PARK	320932	5808406	1638615		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
169	NEVILLE	ST	ALBERT PARK	320936	5808402	1638616		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
171	NEVILLE	ST	ALBERT PARK	320942	5808394	1638617		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
173	NEVILLE	ST	ALBERT PARK	320948	5808388	1638618		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
175	NEVILLE	ST	ALBERT PARK	320953	5808384	1638619		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
177	NEVILLE	ST	ALBERT PARK	320958	5808379	1638620		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
179	NEVILLE	ST	ALBERT PARK	320963	5808371	1638621		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
181	NEVILLE	ST	ALBERT PARK	321052	5808308	1638622		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
183	NEVILLE	ST	ALBERT PARK	321056	5808302	1638623		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
1	PARK	RD	ALBERT PARK	320860	5808378	1943259		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
2	PARK	RD	ALBERT PARK	320841	5808334	1639237		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
4	PARK	RD	ALBERT PARK	320847	5808331	1639240		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
5	PARK	RD	ALBERT PARK	320866	5808375	1639242		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
6	PARK	RD	ALBERT PARK	320856	5808331	1639244		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
7	PARK	RD	ALBERT PARK	320869	5808373	1639246		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
9	PARK	RD	ALBERT PARK	320874	5808369	1639249		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
10	PARK	RD	ALBERT PARK	320865	5808320	1639251		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
11	PARK	RD	ALBERT PARK	320881	5808365	1639253		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
12	PARK	RD	ALBERT PARK	320870	5808317	1639255		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
13	PARK	RD	ALBERT PARK	320887	5808361	1639256		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
14	PARK	RD	ALBERT PARK	320875	5808313	1639258		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.2	0.45	0.55	0.80	1	
15	PARK	RD	ALBERT PARK	320893	5808356	1639260		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1					1	
16	PARK	RD	ALBERT PARK	320881	5808310	1639262		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
18	PARK	RD	ALBERT PARK	320887	5808306	1639264		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
19	PARK	RD	ALBERT PARK	320899	5808353	1639266		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	1.943	0.19	0.29	0.54	1	
21	PARK	RD	ALBERT PARK	320903	5808351	1639270		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
23	PARK	RD	ALBERT PARK	320910	5808347	1639274		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
25	PARK	RD	ALBERT PARK	320916	5808343	1639276		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
26	PARK	RD	ALBERT PARK	320893	5808303	1639277		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
27	PARK	RD	ALBERT PARK	320921	5808341	1639279		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
28	PARK	RD	ALBERT PARK	320901	5808297	1943262		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
29	PARK	RD	ALBERT PARK	320925	5808337	1639294		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
31	PARK	RD	ALBERT PARK	320930	5808335	1639296		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
32	PARK	RD	ALBERT PARK	320910	5808292	1639297		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
33	PARK	RD	ALBERT PARK	320934	5808331	1639298		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
34	PARK	RD	ALBERT PARK	320920	5808285	1639299		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.006	0.26	0.36	0.61	1	
35	PARK	RD	ALBERT PARK	320940	5808328	1639301		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
36	PARK	RD	ALBERT PARK	320927.305	5808280.286	1639303		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
37	PARK	RD	ALBERT PARK	320945	5808324	1639305		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
38	PARK	RD	ALBERT PARK	320931	5808278	1639308		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
39	PARK	RD	ALBERT PARK	320956	5808317	1639310		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	1.878	0.13	0.23	0.48	1	
40	PARK	RD	ALBERT PARK	320937	5808275	1639317		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
42	PARK	RD	ALBERT PARK	320969	5808254	1639326		1.75	1.65	1.55	1.40	0.4	0.0	0.00	1	2.05	0.30	0.40	0.65	1	
271	RICHARDSON	ST	ALBERT PARK					1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.178	0.43	0.53	0.58	1	
273	RICHARDSON	ST	ALBERT PARK					1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.901	0.15	0.25	0.30	1	
275	RICHARDSON	ST	ALBERT PARK					1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.833	0.08	0.18	0.23	1	
304	RICHARDSON	ST	ALBERT PARK	320857	5808529	1641132		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.22	0.47	0.57	0.62	1	
310	RICHARDSON	ST	ALBERT PARK	320873	5808518	1641137		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.88	0.13	0.23	0.28	1	
312	RICHARDSON	ST	ALBERT PARK	320900	5808492	1641139		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.929	0.18	0.28	0.33	1	
314	RICHARDSON	ST	ALBERT PARK	320904	5808488	1641141		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
316	RICHARDSON	ST	ALBERT PARK	320908	5808485	1641143		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name: Mc Gregor Street
Municipality: Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (mAHD)	50 yr ARI Flood Level (mAHD)	20 yr ARI Flood Level (mAHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity (m/s)	V*D Product (100yr)	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
318	RICHARDSON	ST	ALBERT PARK	320911	5808481	1641145		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
320	RICHARDSON	ST	ALBERT PARK	320915	5808478	1641147		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
322	RICHARDSON	ST	ALBERT PARK	320919	5808474	1641149		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1					1	
364	RICHARDSON	ST	ALBERT PARK	321038	5808362	1641186		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	1.98	0.23	0.33	0.38	1	
370	RICHARDSON	ST	ALBERT PARK	321051	5808353	1641189		1.75	1.65	1.55	1.60	0.2	0.0	0.00	1	2.18	0.43	0.53	0.58	1	

Gutteridge Haskins & Davey Pty Ltd
CONSULTING ENGINEERS • ENVIRONMENTAL SCIENTISTS & PLANNERS • PROJECT MANAGERS
A.C.N. 008 488 373

Calculations

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Client/Project MELB WATER CRUIKSHANK PHILLIP FLOOD MAPPING Job No. 8100/98/00

Calc. by GEOMATIC SERVICES Date 2/97 Checked by _____ Page 1 of 1

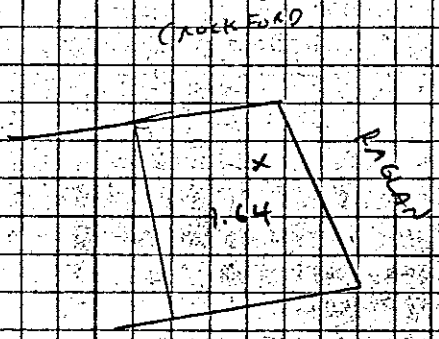
CRUIKSHANK ST DRAIN

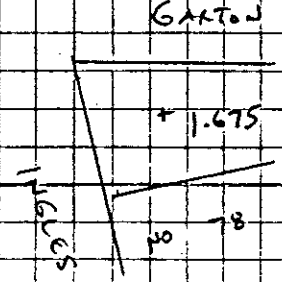
231	BRIDGE		2.352
5	HENDERSON		2.228
47	MOUNTAIN		2.199

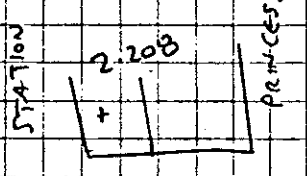
NOTE: RL FOR 9A RAGLAN PLACED IN CELL '9 RAGLN'.

RL FOR 49 SPRING ST IS APPROX. NO ACCESS.

37-39	LALOR	1.481
16	"	1.800
14	"	1.816
17	"	2.138
193	ROSS	2.416
196	"	2.590
198	"	2.318
231	BRIDGE	2.360







Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level (m AHD)	50 Yr ARI Flood Level (m AHD)	20 Yr ARI Flood Level (m AHD)	Egress Surface Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product (100yr)	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Freeboard (m)	50 yr Floor Freeboard (m)	20 yr Floor Freeboard (m)	Property Flood Risk Category	Comments
99	ALBERT	ST	PORT MELBOURNE	5810239	318206	10665057		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
100	ALBERT	ST	PORT MELBOURNE	5810219	318222	10664644		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
102	ALBERT	ST	PORT MELBOURNE	5810222	318227	10664636		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
103	ALBERT	ST	PORT MELBOURNE	5810247	318216	10665065		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
104	ALBERT	ST	PORT MELBOURNE	5810226	318232	10664628		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
105	ALBERT	ST	PORT MELBOURNE	5810252	318222	10665073		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
106	ALBERT	ST	PORT MELBOURNE	5810230	318238	10664601		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
107	ALBERT	ST	PORT MELBOURNE	5810256	318227	10665081		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
108	ALBERT	ST	PORT MELBOURNE	5810234	318242	10664599		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
110	ALBERT	ST	PORT MELBOURNE	5810237	318246	10664580		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
111	ALBERT	ST	PORT MELBOURNE	5810259	318231	10665102		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
112	ALBERT	ST	PORT MELBOURNE	5810241	318251	10664572		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
113	ALBERT	ST	PORT MELBOURNE	5810263	318236	10665110		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
114	ALBERT	ST	PORT MELBOURNE	5810244	318254	10664564		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
116	ALBERT	ST	PORT MELBOURNE	5810247	318258	10664556		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
117	ALBERT	ST	PORT MELBOURNE	5810268	318243	10665129		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
118	ALBERT	ST	PORT MELBOURNE	5810250	318263	10664548		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
119	ALBERT	ST	PORT MELBOURNE	5810272	318247	10665137		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
121	ALBERT	ST	PORT MELBOURNE	5810275	318252	10665145		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
122	ALBERT	ST	PORT MELBOURNE	5810259	318274	10664521		2.10	2.05	2.00	2.40	0.0	0.0	0.0	1					0	
123	ALBERT	ST	PORT MELBOURNE	5810280	318257	10665153		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
126	ALBERT	ST	PORT MELBOURNE	5810265	318280	10664513		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
127	ALBERT	ST	PORT MELBOURNE	5810285	318263	10665161		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
129	ALBERT	ST	PORT MELBOURNE	5810289	318269	10665188		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
130	ALBERT	ST	PORT MELBOURNE	5810271	318288	10664505		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
131	ALBERT	ST	PORT MELBOURNE	5810292	318272	10665196		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
134	ALBERT	ST	PORT MELBOURNE	5810277	318295	10664492		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
135	ALBERT	ST	PORT MELBOURNE	5810299	318281	10665209		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
137	ALBERT	ST	PORT MELBOURNE	5810302	318284	10665217		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
138	ALBERT	ST	PORT MELBOURNE	5810281	318301	10664484		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
139	ALBERT	ST	PORT MELBOURNE	5810305	318288	10665225		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
140	ALBERT	ST	PORT MELBOURNE	5810287	318307	10664476		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
141	ALBERT	ST	PORT MELBOURNE	5810309	318294	36480413		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
141	ALBERT	ST	PORT MELBOURNE	5810311	318300	106852337		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
144	ALBERT	ST	PORT MELBOURNE	5810293	318315	10664468		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
148	ALBERT	ST	PORT MELBOURNE	5810298	318323	10664441		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
149	ALBERT	ST	PORT MELBOURNE	5810320	318309	10665241		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
152	ALBERT	ST	PORT MELBOURNE	5810306	318331	10664433		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
153	ALBERT	ST	PORT MELBOURNE	5810326	318315	10665268		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
156	ALBERT	ST	PORT MELBOURNE	5810318	318347	10664425		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
157	ALBERT	ST	PORT MELBOURNE	5810331	318322	10665276		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
159	ALBERT	ST	PORT MELBOURNE	5810337	318329	10665284		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
160	ALBERT	ST	PORT MELBOURNE	5810322	318352	10664417		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
163	ALBERT	ST	PORT MELBOURNE	5810341	318335	10665292		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
164	ALBERT	ST	PORT MELBOURNE	5810327	318358	10664409		2.10	2.05	2.00	2.20	0.0	0.0	0.0	1					0	
165	ALBERT	ST	PORT MELBOURNE	5810347	318342	10665305		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
166	ALBERT	ST	PORT MELBOURNE	5810330	318363	10664396		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
168	ALBERT	ST	PORT MELBOURNE	5810333	318367	10664388		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
169	ALBERT	ST	PORT MELBOURNE	5810352	318348	10665313		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
170	ALBERT	ST	PORT MELBOURNE	5810336	318370	10664361		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
172	ALBERT	ST	PORT MELBOURNE	5810340	318375	10664353		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
174	ALBERT	ST	PORT MELBOURNE	5810342	318378	10664345		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
175	ALBERT	ST	PORT MELBOURNE	5810360	318358	10665444		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
177	ALBERT	ST	PORT MELBOURNE	5810364	318363	10665452		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
178	ALBERT	ST	PORT MELBOURNE	5810350	318387	10664337		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
179	ALBERT	ST	PORT MELBOURNE	5810369	318370	10665460		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
180	ALBERT	ST	PORT MELBOURNE	5810354	318392	10664329		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
182	ALBERT	ST	PORT MELBOURNE	5810358	318398	10664310		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
183	ALBERT	ST	PORT MELBOURNE	5810375	318377	10665479		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
184	ALBERT	ST	PORT MELBOURNE	5810361	318401	10664302		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Crulkshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
186	ALBERT	ST	PORT MELBOURNE	5810364	318405	10664281		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
188	ALBERT	ST	PORT MELBOURNE	5810368	318410	10664273		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
189	ALBERT	ST	PORT MELBOURNE	5810386	318392	10665487		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
191	ALBERT	ST	PORT MELBOURNE	5810393	318400	10665495		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
192	ALBERT	ST	PORT MELBOURNE	5810373	318416	10664265		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
193	ALBERT	ST	PORT MELBOURNE	5810396	318403	10665508		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
195	ALBERT	ST	PORT MELBOURNE	5810400	318409	10665516		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
196	ALBERT	ST	PORT MELBOURNE	5810378	318423	10664257		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
197	ALBERT	ST	PORT MELBOURNE	5810404	318413	10665524		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
199	ALBERT	ST	PORT MELBOURNE	5810408	318419	10665532		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
200	ALBERT	ST	PORT MELBOURNE	5810383	318430	10664249		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
201	ALBERT	ST	PORT MELBOURNE	5810412	318423	10665540		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
202	ALBERT	ST	PORT MELBOURNE	5810387	318435	10664230		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
203	ALBERT	ST	PORT MELBOURNE	5810417	318430	10665559		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
204	ALBERT	ST	PORT MELBOURNE	5810392	318439	10664222		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
205	ALBERT	ST	PORT MELBOURNE	5810423	318437	10665567		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
206	ALBERT	ST	PORT MELBOURNE	5810395	318445	10664214		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
208	ALBERT	ST	PORT MELBOURNE	5810401	318450	10664206		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
214	ALBERT	ST	PORT MELBOURNE	5810405	318456	10664193		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
216	ALBERT	ST	PORT MELBOURNE	5810410	318462	10664185		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
218	ALBERT	ST	PORT MELBOURNE	5810415	318466	10664177		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
220	ALBERT	ST	PORT MELBOURNE	5810419	318469	25154655		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
11	ALFRED	ST	PORT MELBOURNE	5810273	318331	10663959		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
15	ALFRED	ST	PORT MELBOURNE	5810279	318338	10663967		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
21	ALFRED	ST	PORT MELBOURNE	5810285	318347	10663975		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
23	ALFRED	ST	PORT MELBOURNE	5810297	318361	10663983		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
25	ALFRED	ST	PORT MELBOURNE	5810300	318365	10663991		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
27	ALFRED	ST	PORT MELBOURNE	5810303	318369	10664003		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
29	ALFRED	ST	PORT MELBOURNE	5810307	318373	10664011		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
31	ALFRED	ST	PORT MELBOURNE	5810311	318380	10664038		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
34	ALFRED	ST	PORT MELBOURNE	5810298	318398	23318820		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
35	ALFRED	ST	PORT MELBOURNE	5810317	318386	10664046		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
39	ALFRED	ST	PORT MELBOURNE	5810323	318394	10664054		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
43	ALFRED	ST	PORT MELBOURNE	5810328	318401	10664062		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
45	ALFRED	ST	PORT MELBOURNE	5810331	318404	10664070		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
47	ALFRED	ST	PORT MELBOURNE	5810334	318407	10664089		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
49	ALFRED	ST	PORT MELBOURNE	5810339	318414	10664097		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
53	ALFRED	ST	PORT MELBOURNE	5810344	318420	22901512		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
55	ALFRED	ST	PORT MELBOURNE	5810348	318425	10664118		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
57	ALFRED	ST	PORT MELBOURNE	5810353	318431	23046482		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
61	ALFRED	ST	PORT MELBOURNE	5810359	318438	10664126		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
65	ALFRED	ST	PORT MELBOURNE	5810364	318445	10664134		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
73	ALFRED	ST	PORT MELBOURNE	5810371	318454	10664142		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
77	ALFRED	ST	PORT MELBOURNE	5810380	318465	10664150		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
79	ALFRED	ST	PORT MELBOURNE	5810386	318471	10664169		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
4	ALLEN	PL	PORT MELBOURNE	5810006	318529	10658893		n/a													
5	ALLEN	PL	PORT MELBOURNE	5810010	318533	10658906		n/a													
6	ALLEN	PL	PORT MELBOURNE	5810017	318541	10658914		n/a													
8	BARLOW	ST	PORT MELBOURNE	5809856	318668	10656628		2.10	2.05	2.00											
1	BARRETT	ST	ALBERT PARK	5809418	319393	10595933		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1						
2	BARRETT	ST	ALBERT PARK	5809388	319357	10596861		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
3	BARRETT	ST	ALBERT PARK	5809415	319397	10595941		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1						
4	BARRETT	ST	ALBERT PARK	5809383	319363	10596853		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
221	BAY	ST	PORT MELBOURNE	5809944	318817	10653021		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.156	0.21	0.46	0.66	0	
221	BAY	ST	PORT MELBOURNE	5809949	318819	10653013		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.156	0.21	0.46	0.66	0	221 A
223	BAY	ST	PORT MELBOURNE	5809953	318820	10653046		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.196	0.25	0.50	0.70	0	
225	BAY	ST	PORT MELBOURNE	5809957	318821	10653056		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.201	0.25	0.50	0.70	0	
226	BAY	ST	PORT MELBOURNE	5809918	318856	10652088		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
227	BAY	ST	PORT MELBOURNE	5809956	318829	10653064		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.196	0.25	0.50	0.70	0	
229	BAY	ST	PORT MELBOURNE	5809960	318828	10653072		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.286	0.34	0.59	0.79	0	
231	BAY	ST	PORT MELBOURNE	5809965	318831	10653080		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.336	0.39	0.64	0.84	0	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
232	BAY	ST	PORT MELBOURNE	5809926	318862	10652061		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
233	BAY	ST	PORT MELBOURNE	5809969	318833	10653099		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.336	0.39	0.64	0.84	0	
234	BAY	ST	PORT MELBOURNE	5809931	318866	10652053		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
235	BAY	ST	PORT MELBOURNE	5809973	318836	10653101		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1	2.316	0.37	0.62	0.82	0	
236	BAY	ST	PORT MELBOURNE	5809935	318868	10652045					2.20	0.0	0.0	0.0						0	
237	BAY	ST	PORT MELBOURNE	5809977	318839	10653128		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
238	BAY	ST	PORT MELBOURNE	5809939	318870	10652037					2.20	0.0	0.0	0.0						0	
239	BAY	ST	PORT MELBOURNE	5809979	318845	10653136		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
240	BAY	ST	PORT MELBOURNE	5809942	318873	10652029					2.20	0.0	0.0	0.0						0	
241	BAY	ST	PORT MELBOURNE	5809985	318845	10653152		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
242	BAY	ST	PORT MELBOURNE	5809946	318876	10652010					2.20	0.0	0.0	0.0						0	
244	BAY	ST	PORT MELBOURNE	5809949	318877	10652002					2.20	0.0	0.0	0.0						0	
245	BAY	ST	PORT MELBOURNE	5809990	318849	10653160		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
246	BAY	ST	PORT MELBOURNE	5809953	318880	10651990					2.20	0.0	0.0	0.0						0	
247	BAY	ST	PORT MELBOURNE	5809994	318854	10653179		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
248	BAY	ST	PORT MELBOURNE	5809959	318885	10651982					2.20	0.0	0.0	0.0						0	
249	BAY	ST	PORT MELBOURNE	5809997	318856	10653187		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
251	BAY	ST	PORT MELBOURNE	5810001	318858	10653195		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
253	BAY	ST	PORT MELBOURNE	5810011	318865	10653208		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
254	BAY	ST	PORT MELBOURNE	5809969	318892	10651966					2.20	0.0	0.0	0.0						0	
256	BAY	ST	PORT MELBOURNE	5809976	318897	10651958					2.20	0.0	0.0	0.0						0	
261	BAY	ST	PORT MELBOURNE	5810019	318870	10653216		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
263	BAY	ST	PORT MELBOURNE	5810023	318873	10653224		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
264	BAY	ST	PORT MELBOURNE	5809986	318903	10651931					2.20	0.0	0.0	0.0						0	
265	BAY	ST	PORT MELBOURNE	5810030	318878	10653232		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
267	BAY	ST	PORT MELBOURNE	5810036	318882	10653240		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
269	BAY	ST	PORT MELBOURNE	5810039	318885	10653259		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
270	BAY	ST	PORT MELBOURNE	5809994	318909	10651923					2.20	0.0	0.0	0.0						0	
271	BAY	ST	PORT MELBOURNE	5810044	318888	10653275		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
272	BAY	ST	PORT MELBOURNE	5810001	318913	23337562					2.20	0.0	0.0	0.0						0	
273	BAY	ST	PORT MELBOURNE	5810049	318891	10653283		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
275	BAY	ST	PORT MELBOURNE	5810053	318894	10653291		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
276	BAY	ST	PORT MELBOURNE	5810010	318919	23337570					2.20	0.0	0.0	0.0						0	
277	BAY	ST	PORT MELBOURNE	5810057	318890	10653304		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
279	BAY	ST	PORT MELBOURNE	5810056	318897	10653312		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
280	BAY	ST	PORT MELBOURNE	5810015	318919	23337589					2.20	0.0	0.0	0.0						0	
281	BAY	ST	PORT MELBOURNE	5810060	318900	10653320		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
282	BAY	ST	PORT MELBOURNE	5810019	318924	10651915					2.20	0.0	0.0	0.0						0	
285	BAY	ST	PORT MELBOURNE	5810066	318904	10653339		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
286	BAY	ST	PORT MELBOURNE	5810028	318931	10651907					2.20	0.0	0.0	0.0						0	
287	BAY	ST	PORT MELBOURNE	5810087	318918	10653347		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
291	BAY	ST	PORT MELBOURNE	5810092	318921	22734048		1.95	1.70	1.50	2.20	0.0	0.0	0.0	1					0	
292	BAY	ST	PORT MELBOURNE	5810039	318939	10651894															
293	BAY	ST	PORT MELBOURNE	5810096	318924	10653383															
295	BAY	ST	PORT MELBOURNE	5810102	318928	10653371															
297	BAY	ST	PORT MELBOURNE	5810130	318953	24097900															
298	BAY	ST	PORT MELBOURNE	5810046	318942	10651886															
299	BAY	ST	PORT MELBOURNE	5810133	318955	24097919															
301	BAY	ST	PORT MELBOURNE	5810137	318954	10653419															
302	BAY	ST	PORT MELBOURNE	5810055	318950	10651878															
303	BAY	ST	PORT MELBOURNE	5810142	318957	10653427															
306	BAY	ST	PORT MELBOURNE	5810067	318956	10651851															
309	BAY	ST	PORT MELBOURNE	5810148	318961	10653435															
310	BAY	ST	PORT MELBOURNE	5810072	318962	10651843															
311	BAY	ST	PORT MELBOURNE	5810156	318967	10653443															
312	BAY	ST	PORT MELBOURNE	5810077	318965	10651835															
315	BAY	ST	PORT MELBOURNE	5810167	318974	10653478															
316	BAY	ST	PORT MELBOURNE	5810113	318989	10651827															
317	BAY	ST	PORT MELBOURNE	5810171	318978	10653486															
319	BAY	ST	PORT MELBOURNE	5810175	318981	10653494															
321	BAY	ST	PORT MELBOURNE	5810180	318984	10653507															

Melbourne Water Catchment: Port Phillip Catchment
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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
322	BAY	ST	PORT MELBOURNE	5810126	318999	10651819															
323	BAY	ST	PORT MELBOURNE	5810184	318987	10653515															
325	BAY	ST	PORT MELBOURNE	5810188	318990	10653523															
326	BAY	ST	PORT MELBOURNE	5810131	319003	10651800															
327	BAY	ST	PORT MELBOURNE	5810193	318992	10653531															
328	BAY	ST	PORT MELBOURNE	5810136	319006	10651798															
329	BAY	ST	PORT MELBOURNE	5810197	318996	10653558															
330	BAY	ST	PORT MELBOURNE	5810140	319009	10651771															
331	BAY	ST	PORT MELBOURNE	5810201	318998	10653568															
331	BAY	ST	PORT MELBOURNE	5810205	318995	22094423															
332	BAY	ST	PORT MELBOURNE	5810144	319013	10651763															
334	BAY	ST	PORT MELBOURNE	5810149	319016	10651755															
336	BAY	ST	PORT MELBOURNE	5810152	319018	10651747															
338	BAY	ST	PORT MELBOURNE	5810156	319021	10651739															
340	BAY	ST	PORT MELBOURNE	5810160	319024	10651720															
342	BAY	ST	PORT MELBOURNE	5810165	319027	10651712															
348	BAY	ST	PORT MELBOURNE	5810169	319030	10651704															
350	BAY	ST	PORT MELBOURNE	5810180	319037	10651691															
352	BAY	ST	PORT MELBOURNE	5810183	319040	10651683															
355	BAY	ST	PORT MELBOURNE	5810274	319048	10653582															
356	BAY	ST	PORT MELBOURNE	5810189	319044	10651667															
358	BAY	ST	PORT MELBOURNE	5810192	319048	10651659															
359	BAY	ST	PORT MELBOURNE	5810282	319055	10653590															
361	BAY	ST	PORT MELBOURNE	5810286	319057	10653603															
362	BAY	ST	PORT MELBOURNE	5810198	319051	10651632															
363	BAY	ST	PORT MELBOURNE	5810291	319061	10653611															
364	BAY	ST	PORT MELBOURNE	5810201	319053	10651624															
365	BAY	ST	PORT MELBOURNE	5810295	319064	10653638															
367	BAY	ST	PORT MELBOURNE	5810298	319067	10653646															
369	BAY	ST	PORT MELBOURNE	5810302	319069	10653654															
371	BAY	ST	PORT MELBOURNE	5810307	319073	10653662															
372	BAY	ST	PORT MELBOURNE	5810225	319069	10651595		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
374	BAY	ST	PORT MELBOURNE	5810229	319072	10651587		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
375	BAY	ST	PORT MELBOURNE	5810317	319078	23931393															
376	BAY	ST	PORT MELBOURNE	5810233	319075	10651579		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
377	BAY	ST	PORT MELBOURNE	5810321	319080	23931406															
378	BAY	ST	PORT MELBOURNE	5810237	319078	10651560		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
379	BAY	ST	PORT MELBOURNE	5810326	319078	23931414															
380	BAY	ST	PORT MELBOURNE	5810243	319081	10651552		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
381	BAY	ST	PORT MELBOURNE	5810325	319085	10653689															
382	BAY	ST	PORT MELBOURNE	5810248	319085	10651544		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
383	BAY	ST	PORT MELBOURNE	5810328	319087	10653697															
384	BAY	ST	PORT MELBOURNE	5810255	319090	10651536		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
385	BAY	ST	PORT MELBOURNE	5810332	319090	10653718															
386	BAY	ST	PORT MELBOURNE	5810259	319090	10651528		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
387	BAY	ST	PORT MELBOURNE	5810337	319093	10653726															
388	BAY	ST	PORT MELBOURNE	5810263	319095	10651501		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
389	BAY	ST	PORT MELBOURNE	5810341	319096	10653734															
391	BAY	ST	PORT MELBOURNE	5810345	319094	25167298															
392	BAY	ST	PORT MELBOURNE	5810271	319101	10651499		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
395	BAY	ST	PORT MELBOURNE	5810352	319103	10653750															
396	BAY	ST	PORT MELBOURNE	5810281	319108	10651480		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
397	BAY	ST	PORT MELBOURNE	5810357	319107	10653769															
399	BAY	ST	PORT MELBOURNE	5810363	319107	10653777															
400	BAY	ST	PORT MELBOURNE	5810288	319116	10651472		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
401	BAY	ST	PORT MELBOURNE	5810367	319113	10653785															
403	BAY	ST	PORT MELBOURNE	5810391	319132	10653793		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
405	BAY	ST	PORT MELBOURNE	5810403	319141	10653806		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
416	BAY	ST	PORT MELBOURNE	5810312	319160	10651464		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
417	BAY	ST	PORT MELBOURNE	5810425	319155	10653814		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1	1.755	0.36	0.46	0.46	0	
419	BAY	ST	PORT MELBOURNE	5810430	319158	10653822		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
420	BAY	ST	PORT MELBOURNE	5810315	319167	10651456		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
421	BAY	ST	PORT MELBOURNE	5810437	319163	10653830		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.717	0.32	0.42	0.42	1	
422	BAY	ST	PORT MELBOURNE	5810317	319179	10651446		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
423	BAY	ST	PORT MELBOURNE	5810441	319166	10653849		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
425	BAY	ST	PORT MELBOURNE	5810445	319168	10653857		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
427	BAY	ST	PORT MELBOURNE	5810450	319171	10653865		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
429	BAY	ST	PORT MELBOURNE	5810453	319173	10653873		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
431	BAY	ST	PORT MELBOURNE	5810456	319175	10653881		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
433	BAY	ST	PORT MELBOURNE	5810460	319178	10653902		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
435	BAY	ST	PORT MELBOURNE	5810465	319182	10653910		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.807	0.41	0.51	0.51	1	
456	BAY	ST	PORT MELBOURNE	5810383	319178	10651421		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
462	BAY	ST	PORT MELBOURNE	5810391	319185	10651413		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
464	BAY	ST	PORT MELBOURNE	5810397	319189	10651405		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
465	BAY	ST	PORT MELBOURNE	5810572	319256	10654075		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
467	BAY	ST	PORT MELBOURNE	5810576	319259	10654083		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
468	BAY	ST	PORT MELBOURNE	5810412	319199	10651384		1.40	1.30	1.30						1.807	0.41	0.51	0.51		
470	BAY	ST	PORT MELBOURNE	5810416	319202	10651376		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
472	BAY	ST	PORT MELBOURNE	5810420	319205	10651368		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
474	BAY	ST	PORT MELBOURNE	5810424	319208	10651341		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
476	BAY	ST	PORT MELBOURNE	5810431	319210	10651333		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.802	0.40	0.50	0.50	1	
219	BRIDGE	ST	PORT MELBOURNE	5810444	318574	24779063		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.342	0.24	0.29	0.34	1	
220	BRIDGE	ST	PORT MELBOURNE	5810432	318642	10672636										2.338					
221	BRIDGE	ST	PORT MELBOURNE	5810448	318574	24779055		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
223	BRIDGE	ST	PORT MELBOURNE	5810452	318572	24779047		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
225	BRIDGE	ST	PORT MELBOURNE	5810456	318569	24779039		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
227	BRIDGE	ST	PORT MELBOURNE	5810460	318565	24779020		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
233	BRIDGE	ST	PORT MELBOURNE	5810474	318555	24778992		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.352	0.25	0.30	0.35	1	
234	BRIDGE	ST	PORT MELBOURNE	5810482	318609	10672628															
235	BRIDGE	ST	PORT MELBOURNE	5810478	318552	24778984		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.349	0.25	0.30	0.35	1	
236	BRIDGE	ST	PORT MELBOURNE	5810489	318594	10672601															
237	BRIDGE	ST	PORT MELBOURNE	5810482	318549	24778976		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
239	BRIDGE	ST	PORT MELBOURNE	5810486	318546	24778968		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
241	BRIDGE	ST	PORT MELBOURNE	5810490	318545	24778941		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
242	BRIDGE	ST	PORT MELBOURNE	5810499	318586	10672599															
243	BRIDGE	ST	PORT MELBOURNE	5810508	318523	10672441		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
245	BRIDGE	ST	PORT MELBOURNE	5810515	318516	10672468															
247	BRIDGE	ST	PORT MELBOURNE	5810524	318510	10672476															
248	BRIDGE	ST	PORT MELBOURNE	5810510	318577	10672580										2.569					
253	BRIDGE	ST	PORT MELBOURNE	5810532	318504	10672484															
257	BRIDGE	ST	PORT MELBOURNE	5810539	318497	10672492															
261	BRIDGE	ST	PORT MELBOURNE	5810549	318490	22664633															
263	BRIDGE	ST	PORT MELBOURNE	5810553	318487	10672505															
265	BRIDGE	ST	PORT MELBOURNE	5810557	318484	10672513										2.398					
241	BRIDPORT	ST	ALBERT PARK	5809459	319438	10574446		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
242	BRIDPORT	ST	ALBERT PARK	5809554	319548	10574673															
243	BRIDPORT	ST	ALBERT PARK	5809457	319431	10574454		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
244	BRIDPORT	ST	ALBERT PARK	5809552	319540	10574665															
245	BRIDPORT	ST	ALBERT PARK	5809454	319423	10574462		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
246	BRIDPORT	ST	ALBERT PARK	5809549	319531	10574657															
247	BRIDPORT	ST	ALBERT PARK	5809451	319414	10574470		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
248	BRIDPORT	ST	ALBERT PARK	5809547	319521	10574649															
249	BRIDPORT	ST	ALBERT PARK	5809450	319409	10574489		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
250	BRIDPORT	ST	ALBERT PARK	5809544	319513	10574630															
251	BRIDPORT	ST	ALBERT PARK	5809446	319401	10574497		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
253	BRIDPORT	ST	ALBERT PARK	5809442	319393	10574518															
255	BRIDPORT	ST	ALBERT PARK	5809438	319386	10574526		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
256	BRIDPORT	ST	ALBERT PARK	5809534	319484	10574622		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
257	BRIDPORT	ST	ALBERT PARK	5809436	319381	10574534		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
258	BRIDPORT	ST	ALBERT PARK	5809530	319478	10574614		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
259	BRIDPORT	ST	ALBERT PARK	5809434	319376	10574542		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
260	BRIDPORT	ST	ALBERT PARK	5809528	319474	10574606		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	

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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
261	BRIDPORT	ST	ALBERT PARK	5809432	319368	10574550		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
262	BRIDPORT	ST	ALBERT PARK	5809526	319468	10574593		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
264	BRIDPORT	ST	ALBERT PARK	5809523	319463	10574585		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
266	BRIDPORT	ST	ALBERT PARK	5809519	319455	10574577		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
268	BRIDPORT	ST	ALBERT PARK	5809517	319454	21992598		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
270	BRIDPORT	ST	ALBERT PARK	5809511	319443	10574569		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
152	CLARK	ST	PORT MELBOURNE	5810378	318276	10666662		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
153	CLARK	ST	PORT MELBOURNE	5810422	318275	10667319		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
154	CLARK	ST	PORT MELBOURNE	5810382	318281	10666674		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
155	CLARK	ST	PORT MELBOURNE	5810426	318279	10667327		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
156	CLARK	ST	PORT MELBOURNE	5810386	318287	10666668		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
159	CLARK	ST	PORT MELBOURNE	5810429	318285	10667335		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
160	CLARK	ST	PORT MELBOURNE	5810391	318293	10666658		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
163	CLARK	ST	PORT MELBOURNE	5810436	318292	10667343		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
164	CLARK	ST	PORT MELBOURNE	5810397	318301	10666831		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
165	CLARK	ST	PORT MELBOURNE	5810443	318300	36174272		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
166	CLARK	ST	PORT MELBOURNE	5810402	318307	10666823		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
167	CLARK	ST	PORT MELBOURNE	5810446	318304	36174280		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
168	CLARK	ST	PORT MELBOURNE	5810405	318312	10666815		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
169	CLARK	ST	PORT MELBOURNE	5810448	318308	10667376		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
170	CLARK	ST	PORT MELBOURNE	5810410	318317	10666807		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
172	CLARK	ST	PORT MELBOURNE	5810416	318325	10666594		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
174	CLARK	ST	PORT MELBOURNE	5810422	318332	10666586		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
175	CLARK	ST	PORT MELBOURNE	5810460	318324	10667366		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
176	CLARK	ST	PORT MELBOURNE	5810426	318338	10666578		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
184	CLARK	ST	PORT MELBOURNE	5810433	318346	10666551		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
186	CLARK	ST	PORT MELBOURNE	5810439	318354	10666543		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
187	CLARK	ST	PORT MELBOURNE	5810479	318348	10667407		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
189	CLARK	ST	PORT MELBOURNE	5810487	318358	10667415		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
190	CLARK	ST	PORT MELBOURNE	5810442	318358	10666535		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
191	CLARK	ST	PORT MELBOURNE	5810493	318365	10667423															
192	CLARK	ST	PORT MELBOURNE	5810446	318363	10666527		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
194	CLARK	ST	PORT MELBOURNE	5810449	318367	10666519		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
195	CLARK	ST	PORT MELBOURNE	5810502	318377	10667431															
196	CLARK	ST	PORT MELBOURNE	5810453	318371	10666500		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
198	CLARK	ST	PORT MELBOURNE	5810456	318375	10666498		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
199	CLARK	ST	PORT MELBOURNE	5810515	318394	10667458															
202	CLARK	ST	PORT MELBOURNE	5810461	318381	10666471		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
203	CLARK	ST	PORT MELBOURNE	5810520	318394	10667466															
204	CLARK	ST	PORT MELBOURNE	5810466	318388	10666463		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
205	CLARK	ST	PORT MELBOURNE	5810522	318403	10667474															
208	CLARK	ST	PORT MELBOURNE	5810472	318395	10666455		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
1	CLAY	ST	PORT MELBOURNE	5810215	318286	10663393		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
2	CLAY	ST	PORT MELBOURNE	5810230	318302	10663465		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
3	CLAY	ST	PORT MELBOURNE	5810222	318280	10663406		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
4	CLAY	ST	PORT MELBOURNE	5810236	318297	10663457		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
5	CLAY	ST	PORT MELBOURNE	5810228	318279	23318257		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
6	CLAY	ST	PORT MELBOURNE	5810240	318293	10663449		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
7	CLAY	ST	PORT MELBOURNE	5810228	318275	23318265		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
8	CLAY	ST	PORT MELBOURNE	5810247	318287	10663430		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
9	CLAY	ST	PORT MELBOURNE	5810234	318270	10663422		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
1	CROCKFORD	ST	PORT MELBOURNE	5810363	319176	10650867		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
17	CROCKFORD	ST	PORT MELBOURNE	5810376	319215	10650875		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
21	CROCKFORD	ST	PORT MELBOURNE	5810379	319225	10650883		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
23	CROCKFORD	ST	PORT MELBOURNE	5810381	319231	10650891		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
27	CROCKFORD	ST	PORT MELBOURNE	5810384	319237	10650904		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.368	-0.03	0.07	0.07	2	
35	CROCKFORD	ST	PORT MELBOURNE	5810427	319268	36495543		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
37	CROCKFORD	ST	PORT MELBOURNE	5810403	319289	10650912		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
40	CROCKFORD	ST	PORT MELBOURNE	5810364	319311	10650840		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1	1.822	0.42	0.52	0.52	1	
44	CROCKFORD	ST	PORT MELBOURNE	5810367	319318	10650832		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
46	CROCKFORD	ST	PORT MELBOURNE	5810368	319324	10650824		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Produc	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
48	CROCKFORD	ST	PORT MELBOURNE	5810370	319328	10650816		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
50	CROCKFORD	ST	PORT MELBOURNE	5810372	319332	10650808		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	# - access av
54	CROCKFORD	ST	PORT MELBOURNE	5810375	319342	10650795		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
55	CROCKFORD	ST	PORT MELBOURNE	5810413	319324	10650920		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
58	CROCKFORD	ST	PORT MELBOURNE	5810378	319352	10650787		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
129	CRUIKSHANK	ST	PORT MELBOURNE	5810065	319291	10647326		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
131	CRUIKSHANK	ST	PORT MELBOURNE	5810069	319294	10647334		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
133	CRUIKSHANK	ST	PORT MELBOURNE	5810074	319298	10647342		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1	2.018	0.82	0.72	0.72	0	
135	CRUIKSHANK	ST	PORT MELBOURNE	5810077	319300	10647350		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
137	CRUIKSHANK	ST	PORT MELBOURNE	5810082	319304	28344593		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
139	CRUIKSHANK	ST	PORT MELBOURNE	5810086	319307	28344585		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
143	CRUIKSHANK	ST	PORT MELBOURNE	5810092	319310	10647377		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
149	CRUIKSHANK	ST	PORT MELBOURNE	5810106	319320	10647393		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
3	DAVIES	ST	PORT MELBOURNE	5810208	319190	10648919		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
1	DAVIES	ST	PORT MELBOURNE	5810241	319142	24032509		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
1	DAVIES	ST	PORT MELBOURNE	5810241	319142	24032509		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
1	DAVIES	ST	PORT MELBOURNE	5810241	319142	24032509		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
5	DAVIES	ST	PORT MELBOURNE	5810199	319204	10648900		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
1	DURHAM	ST	ALBERT PARK	5809667	319467	10595001		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
3	DURHAM	ST	ALBERT PARK	5809662	319469	10595028		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
5	DURHAM	ST	ALBERT PARK	5809658	319470	10595036		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
7	DURHAM	ST	ALBERT PARK	5809654	319472	10595044		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.419	0.42	0.47	0.52	1	
8	DURHAM	ST	ALBERT PARK	5809647	319435	10595191		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.301	0.30	0.35	0.40	1	
9	DURHAM	ST	ALBERT PARK	5809646	319475	10595052		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
10	DURHAM	ST	ALBERT PARK	5809632	319441	10595183		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.291	0.29	0.34	0.39	1	
11	DURHAM	ST	ALBERT PARK	5809642	319478	10595060		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
12	DURHAM	ST	ALBERT PARK	5809628	319444	10595175		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.331	0.33	0.38	0.43	1	
13	DURHAM	ST	ALBERT PARK	5809638	319478	10595079		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
14	DURHAM	ST	ALBERT PARK	5809622	319445	10595167		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.411	0.41	0.46	0.51	1	
15	DURHAM	ST	ALBERT PARK	5809635	319480	10595087		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
16	DURHAM	ST	ALBERT PARK	5809617	319448	10595159		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.434	0.43	0.48	0.53	1	
18	DURHAM	ST	MELBOURNE SOUTH	5809612	319449	10595140		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.191	0.19	0.24	0.29	1	
20	DURHAM	ST	ALBERT PARK	5809606	319451	10595132		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
22	DURHAM	ST	ALBERT PARK	5809581	319461	10595124		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
24	DURHAM	ST	ALBERT PARK	5809575	319463	10595116		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
26	DURHAM	ST	ALBERT PARK	5809567	319466	10595108		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
28	DURHAM	ST	ALBERT PARK	5809625	319486	10595095		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
1	ESPLANADE	PL	PORT MELBOURNE	5810087	319065	10648863		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
2	ESPLANADE	PL	PORT MELBOURNE	5810118	319085	10648855		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
3	ESPLANADE	PL	PORT MELBOURNE	5810098	319074	10648871		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
4	ESPLANADE	PL	PORT MELBOURNE	5810113	319092	10648847		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
9	ESPLANADE	PL	PORT MELBOURNE	5810107	319078	10648896		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
30	ESPLANADE	PL	PORT MELBOURNE	5810180	319180	10648839		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
232	ESPLANADEEAST		PORT MELBOURNE	5810019	319113	10648097															
235	ESPLANADEEAST		PORT MELBOURNE	5810052	319085	10648345															
236	ESPLANADEEAST		PORT MELBOURNE	5810026	319122	10648089															
238	ESPLANADEEAST		PORT MELBOURNE	5810033	319132	10648070															
239	ESPLANADEEAST		PORT MELBOURNE	5810057	319092	10648353		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
241	ESPLANADEEAST		PORT MELBOURNE	5810059	319094	10648361		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
243	ESPLANADEEAST		PORT MELBOURNE	5810062	319098	10648388					1.00	0.0	0.0	0.0						0	
244	ESPLANADEEAST		PORT MELBOURNE	5810041	319142	10648082															
245	ESPLANADEEAST		PORT MELBOURNE	5810086	319103	10648396		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
247	ESPLANADEEAST		PORT MELBOURNE	5810068	319106	10648409		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
248	ESPLANADEEAST		PORT MELBOURNE	5810046	319150	10648054															
249	ESPLANADEEAST		PORT MELBOURNE	5810071	319110	10648417		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
250	ESPLANADEEAST		PORT MELBOURNE	5810051	319156	10648046															
251	ESPLANADEEAST		PORT MELBOURNE	5810075	319115	10648425		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
252	ESPLANADEEAST		PORT MELBOURNE	5810054	319160	10648036															
253	ESPLANADEEAST		PORT MELBOURNE	5810079	319121	10648433															
254	ESPLANADEEAST		PORT MELBOURNE	5810057	319164	10648011															
256	ESPLANADEEAST		PORT MELBOURNE	5810060	319167	10648003															

Melbourne Water Catchment: Port Phillip Catchment
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Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
257	ESPLANADEEAST		PORT MELBOURNE	5810084	319127	10646441		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
258	ESPLANADEEAST		PORT MELBOURNE	5810063	319171	10647991															
259	ESPLANADEEAST		PORT MELBOURNE	5810088	319131	10648468		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
260	ESPLANADEEAST		PORT MELBOURNE	5810065	319174	10647983															
261	ESPLANADEEAST		PORT MELBOURNE	5810090	319134	10648476		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
262	ESPLANADEEAST		PORT MELBOURNE	5810068	319179	10647975															
263	ESPLANADEEAST		PORT MELBOURNE	5810093	319138	10648484		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
265	ESPLANADEEAST		PORT MELBOURNE	5810096	319142	10648492		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
266	ESPLANADEEAST		PORT MELBOURNE	5810074	319185	10647967															
267	ESPLANADEEAST		PORT MELBOURNE	5810099	319147	10648505		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
268	ESPLANADEEAST		PORT MELBOURNE	5810079	319193	10647959															
269	ESPLANADEEAST		PORT MELBOURNE	5810102	319150	10648513		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
270	ESPLANADEEAST		PORT MELBOURNE	5810082	319196	10647940															
271	ESPLANADEEAST		PORT MELBOURNE	5810105	319155	10648521		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
272	ESPLANADEEAST		PORT MELBOURNE	5810085	319200	10647932															
273	ESPLANADEEAST		PORT MELBOURNE	5810108	319158	10648548		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
274	ESPLANADEEAST		PORT MELBOURNE	5810088	319205	10647924															
275	ESPLANADEEAST		PORT MELBOURNE	5810111	319163	10648556		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
276	ESPLANADEEAST		PORT MELBOURNE	5810092	319209	10647916															
277	ESPLANADEEAST		PORT MELBOURNE	5810114	319168	10648564		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
278	ESPLANADEEAST		PORT MELBOURNE	5810108	319230	10647908															
280	ESPLANADEEAST		PORT MELBOURNE	5810113	319236	10647895		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
281	ESPLANADEEAST		PORT MELBOURNE	5810117	319170	10648572		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
284	ESPLANADEEAST		PORT MELBOURNE	5810118	319243	10647887		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
285	ESPLANADEEAST		PORT MELBOURNE	5810140	319201	10648580		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1						
286	ESPLANADEEAST		PORT MELBOURNE	5810123	319250	10647879		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
287	ESPLANADEEAST		PORT MELBOURNE	5810143	319205	10648599		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1					1	
288	ESPLANADEEAST		PORT MELBOURNE	5810127	319255	10647860		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
289	ESPLANADEEAST		PORT MELBOURNE	5810146	319209	10648601		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
291	ESPLANADEEAST		PORT MELBOURNE	5810149	319213	10648626		1.40	1.30	1.30	1.22	0.2	0.0	0.0	1					1	
292	ESPLANADEEAST		PORT MELBOURNE	5810131	319261	10647852		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
293	ESPLANADEEAST		PORT MELBOURNE	5810153	319218	10648636		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
294	ESPLANADEEAST		PORT MELBOURNE	5810135	319265	10647844		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
295	ESPLANADEEAST		PORT MELBOURNE	5810157	319224	10648644		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
296	ESPLANADEEAST		PORT MELBOURNE	5810138	319269	10647836		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
298	ESPLANADEEAST		PORT MELBOURNE	5810141	319273	10647828															
300	ESPLANADEEAST		PORT MELBOURNE	5810144	319277	10647801		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
301	ESPLANADEEAST		PORT MELBOURNE	5810161	319228	10648652		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
302	ESPLANADEEAST		PORT MELBOURNE	5810147	319281	10647799		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
303	ESPLANADEEAST		PORT MELBOURNE	5810164	319233	10648660		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
304	ESPLANADEEAST		PORT MELBOURNE	5810150	319286	10647780		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
305	ESPLANADEEAST		PORT MELBOURNE	5810167	319236	10648679		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
306	ESPLANADEEAST		PORT MELBOURNE	5810153	319290	10647772		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
307	ESPLANADEEAST		PORT MELBOURNE	5810170	319240	10648687		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
308	ESPLANADEEAST		PORT MELBOURNE	5810156	319294	10647764		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
309	ESPLANADEEAST		PORT MELBOURNE	5810173	319244	10648695		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
310	ESPLANADEEAST		PORT MELBOURNE	5810159	319298	10647756		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
311	ESPLANADEEAST		PORT MELBOURNE	5810176	319248	10648708		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
313	ESPLANADEEAST		PORT MELBOURNE	5810180	319253	10648716		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
314	ESPLANADEEAST		PORT MELBOURNE	5810163	319304	10647748		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
315	ESPLANADEEAST		PORT MELBOURNE	5810183	319256	10648724		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
317	ESPLANADEEAST		PORT MELBOURNE	5810187	319262	10648732		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
318	ESPLANADEEAST		PORT MELBOURNE	5810169	319310	10647721		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
319	ESPLANADEEAST		PORT MELBOURNE	5810192	319269	10648740		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
320	ESPLANADEEAST		PORT MELBOURNE	5810173	319316	10647713		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
321	ESPLANADEEAST		PORT MELBOURNE	5810195	319273	10648759		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
322	ESPLANADEEAST		PORT MELBOURNE	5810176	319320	10647705		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
323	ESPLANADEEAST		PORT MELBOURNE	5810198	319276	10648767		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
324	ESPLANADEEAST		PORT MELBOURNE	5810179	319325	10647692															
325	ESPLANADEEAST		PORT MELBOURNE	5810200	319280	10648775		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
326	ESPLANADEEAST		PORT MELBOURNE	5810182	319327	10647684															

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Crulkshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
327	ESPLANADEEAST		PORT MELBOURNE	5810203	319284	10648783		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
328	ESPLANADEEAST		PORT MELBOURNE	5810185	319331	10647676															
329	ESPLANADEEAST		PORT MELBOURNE	5810206	319288	10648791		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
330	ESPLANADEEAST		PORT MELBOURNE	5810187	319335	10647668															
331	ESPLANADEEAST		PORT MELBOURNE	5810210	319293	10648804		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1	1.992	0.59	0.69	0.69	0	
332	ESPLANADEEAST		PORT MELBOURNE	5810196	319336	10647641															
6	EVANS	ST	PORT MELBOURNE	5810107	318300	10660133		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
7	EVANS	ST	PORT MELBOURNE	5810114	318308	10660205		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
8	EVANS	ST	PORT MELBOURNE	5810119	318314	10660213		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
9	EVANS	ST	PORT MELBOURNE	5810122	318318	10660221		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
11	EVANS	ST	PORT MELBOURNE	5810126	318323	10660248		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
14	EVANS	ST	PORT MELBOURNE	5810133	318332	10660256		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
15	EVANS	ST	PORT MELBOURNE	5810139	318340	10660264		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
17	EVANS	ST	PORT MELBOURNE	5810146	318349	10660272		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
19	EVANS	ST	PORT MELBOURNE	5810153	318357	10660280		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
21	EVANS	ST	PORT MELBOURNE	5810159	318364	10660299		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
23	EVANS	ST	PORT MELBOURNE	5810165	318372	10660301		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
25	EVANS	ST	PORT MELBOURNE	5810171	318379	10660328		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
27	EVANS	ST	PORT MELBOURNE	5810178	318387	10660336		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
28	EVANS	ST	PORT MELBOURNE	5810183	318395	10660344		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
30	EVANS	ST	PORT MELBOURNE	5810189	318402	10660352		2.10	2.05	2.00	2.10	0.0	0.0	0.0	1					0	
32	EVANS	ST	PORT MELBOURNE	5810195	318409	10660360		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
35	EVANS	ST	PORT MELBOURNE	5810202	318418	10660379		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
36	EVANS	ST	PORT MELBOURNE	5810206	318424	10660387		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
37	EVANS	ST	PORT MELBOURNE	5810212	318430	10660395		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
39	EVANS	ST	PORT MELBOURNE	5810216	318435	10660408		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
41	EVANS	ST	PORT MELBOURNE	5810222	318442	10660416		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
43	EVANS	ST	PORT MELBOURNE	5810233	318448	10660424		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
45	EVANS	ST	PORT MELBOURNE	5810234	318458	10660432		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
47	EVANS	ST	PORT MELBOURNE	5810241	318466	10660440		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
49	EVANS	ST	PORT MELBOURNE	5810246	318472	10660459		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
50	EVANS	ST	PORT MELBOURNE	5810249	318476	10660467		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
51	EVANS	ST	PORT MELBOURNE	5810253	318482	10660475		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.454	0.35	0.40	0.45	1	
52	EVANS	ST	PORT MELBOURNE	5810258	318488	10660483		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.354	0.25	0.30	0.35	1	
54	EVANS	ST	PORT MELBOURNE	5810265	318497	10660491		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
56	EVANS	ST	PORT MELBOURNE	5810272	318506	10660504		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
59	EVANS	ST	PORT MELBOURNE	5810278	318513	10660512		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
60	EVANS	ST	PORT MELBOURNE	5810284	318520	10660520		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
64	EVANS	ST	PORT MELBOURNE	5810294	318532	10660539		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
66	EVANS	ST	PORT MELBOURNE	5810304	318545	10660547		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
69	EVANS	ST	PORT MELBOURNE	5810312	318554	10660555		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.238	0.14	0.19	0.24	1	
71	EVANS	ST	PORT MELBOURNE	5810319	318563	10660563		2.10	2.05	2.00	1.40	0.7	0.0	0.0	1	2.278	0.18	0.23	0.28	1	
73	EVANS	ST	PORT MELBOURNE	5810336	318588	10660571		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.23	0.13	0.18	0.23	1	
75	EVANS	ST	PORT MELBOURNE	5810342	318595	10660598		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
77	EVANS	ST	PORT MELBOURNE	5810348	318602	10660600		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.158	0.06	0.11	0.16	1	
79	EVANS	ST	PORT MELBOURNE	5810354	318610	10660619		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
81	EVANS	ST	PORT MELBOURNE	5810359	318617	10660627		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.237	0.14	0.19	0.24	1	
82	EVANS	ST	PORT MELBOURNE	5810364	318622	10660635		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.237	0.14	0.19	0.24	1	
83	EVANS	ST	PORT MELBOURNE	5810368	318629	10660643		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.372	0.27	0.32	0.37	1	
84	EVANS	ST	PORT MELBOURNE	5810370	318630	10660651		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.372	0.27	0.32	0.37	1	
85	EVANS	ST	PORT MELBOURNE	5810373	318633	10660678		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
86	EVANS	ST	PORT MELBOURNE	5810377	318638	10660686		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
57	FARRELL	ST	PORT MELBOURNE	5810089	318708	10671211		1.95	1.70	1.50	2.00	0.0	0.0	0.0	1					0	
61	FARRELL	ST	PORT MELBOURNE	5810100	318703	10671238		1.95	1.70	1.50	2.00	0.0	0.0	0.0	1					0	
63	FARRELL	ST	PORT MELBOURNE	5810109	318698	10671246		1.95	1.70	1.50	2.00	0.0	0.0	0.0	1					0	
116	FARRELL	ST	PORT MELBOURNE	5810392	318547	10671628		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.08	-0.02	0.03	0.08	2	
117	FARRELL	ST	PORT MELBOURNE	5810340	318545	10671254		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1					1	
118	FARRELL	ST	PORT MELBOURNE	5810398	318542	10671801		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
119	FARRELL	ST	PORT MELBOURNE	5810347	318538	10671262		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.173	0.07	0.12	0.17	1	
121	FARRELL	ST	PORT MELBOURNE	5810373	318518	10671270		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.025	-0.08	-0.02	0.02	3	
122	FARRELL	ST	PORT MELBOURNE	5810403	318538	10671799		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
123	FARRELL	ST	PORT MELBOURNE	5810379	318513	10671289		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.05	-0.05	0.00	0.05	2	
125	FARRELL	ST	PORT MELBOURNE	5810385	318508	10671297		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.38	0.28	0.33	0.38	1	
126	FARRELL	ST	PORT MELBOURNE	5810407	318535	10671780		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
127	FARRELL	ST	PORT MELBOURNE	5810388	318505	10671316		2.10	2.05	2.00	1.60	0.5	0.0	0.0	1	2.38	0.28	0.33	0.38	1	
128	FARRELL	ST	PORT MELBOURNE	5810411	318531	10671772		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
129	FARRELL	ST	PORT MELBOURNE	5810400	318496	10671326		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
130	FARRELL	ST	PORT MELBOURNE	5810416	318528	10671764		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.386	0.29	0.34	0.39	1	
131	FARRELL	ST	PORT MELBOURNE	5810405	318492	10671334		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
132	FARRELL	ST	PORT MELBOURNE	5810420	318524	10671756		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
133	FARRELL	ST	PORT MELBOURNE	5810409	318488	10671342		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
134	FARRELL	ST	PORT MELBOURNE	5810424	318521	10671748		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
135	FARRELL	ST	PORT MELBOURNE	5810413	318485	10671350		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
136	FARRELL	ST	PORT MELBOURNE	5810428	318518	10671721		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
137	FARRELL	ST	PORT MELBOURNE	5810421	318481	25154847		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
138	FARRELL	ST	PORT MELBOURNE	5810432	318514	10671713		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
140	FARRELL	ST	PORT MELBOURNE	5810437	318510	10671705		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
141	FARRELL	ST	PORT MELBOURNE	5810425	318475	10671377		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.376	0.28	0.33	0.38	1	
143	FARRELL	ST	PORT MELBOURNE	5810439	318464	10671385		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.247	0.15	0.20	0.25	1	
144	FARRELL	ST	PORT MELBOURNE	5810444	318505	10671692		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
145	FARRELL	ST	PORT MELBOURNE	5810445	318460	10671393		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
147	FARRELL	ST	PORT MELBOURNE	5810449	318456	10671408		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
149	FARRELL	ST	PORT MELBOURNE	5810454	318452	10671414		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
150	FARRELL	ST	PORT MELBOURNE	5810474	318484	10671664		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
151	FARRELL	ST	PORT MELBOURNE	5810459	318449	10671422		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
152	FARRELL	ST	PORT MELBOURNE	5810477	318481	10671676		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
153	FARRELL	ST	PORT MELBOURNE	5810464	318444	10671430		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1	2.292	0.19	0.24	0.29	1	
154	FARRELL	ST	PORT MELBOURNE	5810481	318477	10671668		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
155	FARRELL	ST	PORT MELBOURNE	5810468	318441	10671449		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
156	FARRELL	ST	PORT MELBOURNE	5810485	318474	10671641		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
157	FARRELL	ST	PORT MELBOURNE	5810474	318437	10671457		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
159	FARRELL	ST	PORT MELBOURNE	5810478	318434	10671465		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1	2.38	0.26	0.31	0.36	1	
160	FARRELL	ST	PORT MELBOURNE	5810491	318470	10671633		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
161	FARRELL	ST	PORT MELBOURNE	5810483	318429	10671473		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
163	FARRELL	ST	PORT MELBOURNE	5810488	318426	10671481		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
164	FARRELL	ST	PORT MELBOURNE	5810499	318464	10671625		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
165	FARRELL	ST	PORT MELBOURNE	5810492	318422	10671502		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
167	FARRELL	ST	PORT MELBOURNE	5810497	318418	10671510		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
168	FARRELL	ST	PORT MELBOURNE	5810506	318457	10671617		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
170	FARRELL	ST	PORT MELBOURNE	5810514	318451	10671609		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
174	FARRELL	ST	PORT MELBOURNE	5810519	318447	10671596		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
175	FARRELL	ST	PORT MELBOURNE	5810531	318390	10671529															
176	FARRELL	ST	PORT MELBOURNE	5810524	318443	10671588		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
177	FARRELL	ST	PORT MELBOURNE	5810538	318386	10671537															
178	FARRELL	ST	PORT MELBOURNE	5810528	318440	10671561		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
180	FARRELL	ST	PORT MELBOURNE	5810531	318437	10671553		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
4	GARTON	ST	PORT MELBOURNE	5810459	319246	10674666		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
8	GARTON	ST	PORT MELBOURNE	5810461	319256	10651069		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
10	GARTON	ST	PORT MELBOURNE	5810463	319264	10651050		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
2	GLOVER	ST	MELBOURNE SOUTH	5809762	319489	10592230		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
4	GLOVER	ST	MELBOURNE SOUTH	5809770	319479	10592222		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
5	GLOVER	ST	MELBOURNE SOUTH	5809776	319388	10592249		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
6	GLOVER	ST	MELBOURNE SOUTH	5809774	319473	10592214		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
8	GLOVER	ST	MELBOURNE SOUTH	5809778	319468	10592206		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
9	GLOVER	ST	MELBOURNE SOUTH	5809782	319379	10592257		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
10	GLOVER	ST	MELBOURNE SOUTH	5809781	319462	10592193		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
11	GLOVER	ST	MELBOURNE SOUTH	5809785	319374	10592265		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
12	GLOVER	ST	MELBOURNE SOUTH	5809787	319457	10592185		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
13	GLOVER	ST	MELBOURNE SOUTH	5809789	319369	10592273		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
14	GLOVER	ST	MELBOURNE SOUTH	5809790	319451	10592177		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
15	GLOVER	ST	MELBOURNE SOUTH	5809792	319365	10592281		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
16	GLOVER	ST	MELBOURNE SOUTH	5809794	319445	10592169		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Crulkshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
17	GLOVER	ST	MELBOURNE SOUTH	5809796	319360	10592302		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
18	GLOVER	ST	MELBOURNE SOUTH	5809798	319439	10592150		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
19	GLOVER	ST	MELBOURNE SOUTH	5809799	319354	10592310		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
20	GLOVER	ST	MELBOURNE SOUTH	5809821	319407	10592142		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.164	0.16	0.21	0.26	1	
21	GLOVER	ST	MELBOURNE SOUTH	5809803	319350	10592329		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
22	GLOVER	ST	MELBOURNE SOUTH	5809825	319401	10592134		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.218	0.22	0.27	0.32	1	
23	GLOVER	ST	MELBOURNE SOUTH	5809806	319345	10592337		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
24	GLOVER	ST	MELBOURNE SOUTH	5809830	319396	10592126		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.269	0.27	0.32	0.37	1	
25	GLOVER	ST	MELBOURNE SOUTH	5809809	319340	10592345		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
26	GLOVER	ST	MELBOURNE SOUTH	5809831	319392	10592118		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.409	0.41	0.46	0.51	1	
27	GLOVER	ST	MELBOURNE SOUTH	5809812	319335	10592353		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
28	GLOVER	ST	MELBOURNE SOUTH	5809835	319387	10592097		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
29	GLOVER	ST	MELBOURNE SOUTH	5809815	319331	10592361		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
30	GLOVER	ST	MELBOURNE SOUTH	5809838	319382	10592089		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
31	GLOVER	ST	MELBOURNE SOUTH	5809817	319327	10592388		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
32	GLOVER	ST	MELBOURNE SOUTH	5809841	319378	10592070		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
33	GLOVER	ST	MELBOURNE SOUTH	5809826	319324	10592396		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
34	GLOVER	ST	MELBOURNE SOUTH	5809844	319373	10592062		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
35	GLOVER	ST	MELBOURNE SOUTH	5809837	319310	10592409		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
36	GLOVER	ST	MELBOURNE SOUTH	5809848	319368	10592054		2.00	1.95	1.90	2.20	0.0	0.0	0.0	1	2.241	0.24	0.29	0.34	0	
38	GLOVER	ST	MELBOURNE SOUTH	5809852	319362	10592046		2.00	1.95	1.90	2.20	0.0	0.0	0.0	1					0	
40	GLOVER	ST	MELBOURNE SOUTH	5809857	319355	10592038		2.00	1.95	1.90	2.20	0.0	0.0	0.0	1	2.151	0.15	0.20	0.25	0	
42	GLOVER	ST	MELBOURNE SOUTH	5809860	319351	10592011		2.00	1.95	1.90	2.20	0.0	0.0	0.0	1	2.151	0.15	0.20	0.25	0	
44	GLOVER	ST	MELBOURNE SOUTH	5809863	319348	21922565		2.00	1.95	1.90	2.20	0.0	0.0	0.0	1	2.305	0.31	0.36	0.41	0	
29	GREIG	ST	ALBERT PARK	5809597	319514	10594850															
30	GREIG	ST	ALBERT PARK	5809606	319435	10594527		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.4	0.40	0.45	0.50	1	
31	GREIG	ST	ALBERT PARK	5809595	319510	10594869															
32	GREIG	ST	ALBERT PARK	5809604	319430	10594519		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.349	0.35	0.40	0.45	1	
33	GREIG	ST	ALBERT PARK	5809593	319505	10594877															
34	GREIG	ST	ALBERT PARK	5809602	319425	10594500		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.294	0.29	0.34	0.39	1	
35	GREIG	ST	ALBERT PARK	5809591	319500	10594885															
36	GREIG	ST	ALBERT PARK	5809599	319421	10594498		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.29	0.29	0.34	0.39	1	
37	GREIG	ST	ALBERT PARK	5809589	319495	10594893															
38	GREIG	ST	ALBERT PARK	5809597	319416	10594471		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.352	0.35	0.40	0.45	1	
39	GREIG	ST	ALBERT PARK	5809588	319490	10594906															
40	GREIG	ST	ALBERT PARK	5809596	319413	10594463		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.204	0.20	0.25	0.30	1	
41	GREIG	ST	ALBERT PARK	5809570	319446	10594914		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1					1	
42	GREIG	ST	ALBERT PARK	5809594	319409	10594455		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.269	0.27	0.32	0.37	1	
43	GREIG	ST	ALBERT PARK	5809567	319439	10594922		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1					1	
44	GREIG	ST	ALBERT PARK	5809593	319404	10594447		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.269	0.27	0.32	0.37	1	
45	GREIG	ST	ALBERT PARK	5809565	319434	10594930		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1					1	
46	GREIG	ST	ALBERT PARK	5809591	319399	10594439		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.177	0.18	0.23	0.28	1	
47	GREIG	ST	ALBERT PARK	5809563	319430	10594949		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1					1	
48	GREIG	ST	ALBERT PARK	5809590	319395	10594420		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.322	0.32	0.37	0.42	1	
49	GREIG	ST	ALBERT PARK	5809561	319425	10594957		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1					1	
50	GREIG	ST	ALBERT PARK	5809588	319390	10594412		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.279	0.28	0.33	0.38	1	
51	GREIG	ST	ALBERT PARK	5809559	319420	10594965		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
52	GREIG	ST	ALBERT PARK	5809587	319385	10594404		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.269	0.27	0.32	0.37	1	
53	GREIG	ST	ALBERT PARK	5809556	319416	10594973		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
54	GREIG	ST	ALBERT PARK	5809585	319380	10594391		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.269	0.27	0.32	0.37	1	
55	GREIG	ST	ALBERT PARK	5809560	319408	10594981															
56	GREIG	ST	ALBERT PARK	5809583	319375	10594383		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.273	0.27	0.32	0.37	1	
58	GREIG	ST	ALBERT PARK	5809581	319371	10594375		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.254	0.25	0.30	0.35	1	
60	GREIG	ST	ALBERT PARK	5809579	319366	10594367		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.191	0.19	0.24	0.29	1	
62	GREIG	ST	ALBERT PARK	5809577	319361	10594359		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.299	0.30	0.35	0.40	1	
64	GREIG	ST	ALBERT PARK	5809573	319351	10594340		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.029	0.03	0.08	0.13	1	
131	HEATH	ST	PORT MELBOURNE	5810449	319097	10654905		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
132	HEATH	ST	PORT MELBOURNE	5810428	319124	10654438		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
133	HEATH	ST	PORT MELBOURNE	5810458	319104	10654913		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
134	HEATH	ST	PORT MELBOURNE	5810434	319129	10654411		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
138	HEATH	ST	PORT MELBOURNE	5810441	319133	10654403		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
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Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
140	HEATH	ST	PORT MELBOURNE	5810447	319137	10654390		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
141	HEATH	ST	PORT MELBOURNE	5810465	319108	10654921		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
143	HEATH	ST	PORT MELBOURNE	5810471	319113	10654948		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
144	HEATH	ST	PORT MELBOURNE	5810457	319144	10654382		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
146	HEATH	ST	PORT MELBOURNE	5810461	319147	10654374		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
149	HEATH	ST	PORT MELBOURNE	5810482	319120	10654956		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
150	HEATH	ST	PORT MELBOURNE	5810467	319151	10654366		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
151	HEATH	ST	PORT MELBOURNE	5810490	319126	10654964		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
155	HEATH	ST	PORT MELBOURNE	5810496	319131	10654972		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
156	HEATH	ST	PORT MELBOURNE	5810480	319160	10654358		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
2	HENDERSON	ST	MELBOURNE SOUTH	5809726	319348	10592521		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.187	0.19	0.24	0.29	1	
3	HENDERSON	ST	MELBOURNE SOUTH	5809692	319322	28090255		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					0	
4	HENDERSON	ST	MELBOURNE SOUTH	5809727	319343	10592513		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.284	0.28	0.33	0.38	1	
5	HENDERSON	ST	MELBOURNE SOUTH					2.00	1.95	1.90	1.70	0.3	0.0	0.0	1	2.228	0.23	0.28	0.33	1	
6	HENDERSON	ST	MELBOURNE SOUTH	5809730	319334	10592505		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.688	0.69	0.74	0.79	1	
7	HENDERSON	ST	MELBOURNE SOUTH	5809698	319305	28090239		2.00	1.95	1.90	1.70	0.3	0.0	0.0	1	2.238	0.24	0.29	0.34	1	
8	HENDERSON	ST	MELBOURNE SOUTH	5809733	319324	10592492		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.33	0.33	0.38	0.43	1	
10	HENDERSON	ST	MELBOURNE SOUTH	5809736	319318	10592484		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.368	0.37	0.42	0.47	1	
12	HENDERSON	ST	MELBOURNE SOUTH	5809737	319315	10592476		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.368	0.37	0.42	0.47	1	
14	HENDERSON	ST	MELBOURNE SOUTH	5809739	319309	10592468		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
15	HENDERSON	ST	MELBOURNE SOUTH	5809707	319279	28088059		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
16	HENDERSON	ST	MELBOURNE SOUTH	5809742	319301	10592441		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
18	HENDERSON	ST	MELBOURNE SOUTH	5809743	319296	10592433		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
20	HENDERSON	ST	MELBOURNE SOUTH	5809747	319284	10592425		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
22	HENDERSON	ST	MELBOURNE SOUTH	5809750	319277	10592417		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
56	IFFLA	ST	MELBOURNE SOUTH	5809932	319442	10591676		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
57	IFFLA	ST	MELBOURNE SOUTH	5809861	319466	10591334															
58	IFFLA	ST	MELBOURNE SOUTH	5809928	319441	10591668		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
59	IFFLA	ST	MELBOURNE SOUTH	5809856	319464	10591342															
60	IFFLA	ST	MELBOURNE SOUTH	5809924	319438	10591641		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1	2.277	0.28	0.33	0.38	0	
61	IFFLA	ST	MELBOURNE SOUTH	5809849	319461	10591350															
62	IFFLA	ST	MELBOURNE SOUTH	5809919	319437	10591633		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1	2.111	0.11	0.16	0.21	0	
63	IFFLA	ST	MELBOURNE SOUTH	5809844	319459	10591369															
64	IFFLA	ST	MELBOURNE SOUTH	5809914	319436	10591625		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1	2.032	0.03	0.08	0.13	0	
65	IFFLA	ST	MELBOURNE SOUTH	5809841	319458	10591377															
66	IFFLA	ST	MELBOURNE SOUTH	5809910	319433	10591617		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1	2.009	0.01	0.06	0.11	0	
67	IFFLA	ST	MELBOURNE SOUTH	5809827	319453	10591385															
68	IFFLA	ST	MELBOURNE SOUTH	5809905	319432	10591609		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1	2.16	0.16	0.21	0.26	0	
69	IFFLA	ST	MELBOURNE SOUTH	5809821	319451	10591393															
70	IFFLA	ST	MELBOURNE SOUTH	5809901	319430	10591596		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
71	IFFLA	ST	MELBOURNE SOUTH	5809813	319449	10591408															
72	IFFLA	ST	MELBOURNE SOUTH	5809895	319428	10591588		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
74	IFFLA	ST	MELBOURNE SOUTH	5809891	319426	10591581		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
76	IFFLA	ST	MELBOURNE SOUTH	5809884	319425	10591553		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
78	IFFLA	ST	MELBOURNE SOUTH	5809871	319421	10591545		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.299	0.30	0.35	0.40	1	
80	IFFLA	ST	MELBOURNE SOUTH	5809866	319417	10591537		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.299	0.30	0.35	0.40	1	
82	IFFLA	ST	MELBOURNE SOUTH	5809861	319417	10591529		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
84	IFFLA	ST	MELBOURNE SOUTH	5809856	319415	10591510		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.436	0.44	0.49	0.54	1	
86	IFFLA	ST	MELBOURNE SOUTH	5809851	319413	10591502		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.523	0.52	0.57	0.62	1	
88	IFFLA	ST	MELBOURNE SOUTH	5809845	319411	10591481		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.299	0.30	0.35	0.40	1	
92	IFFLA	ST	MELBOURNE SOUTH	5809753	319379	10591473		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
94	IFFLA	ST	MELBOURNE SOUTH	5809742	319374	10591465		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.204	0.20	0.25	0.30	1	
96	IFFLA	ST	MELBOURNE SOUTH	5809737	319372	10591457		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.247	0.25	0.30	0.35	1	
98	IFFLA	ST	MELBOURNE SOUTH	5809733	319372	10591449		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.052	0.05	0.10	0.15	1	
100	IFFLA	ST	MELBOURNE SOUTH	5809729	319370	10591430		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.247	0.25	0.30	0.35	1	
102	IFFLA	ST	MELBOURNE SOUTH	5809724	319368	10591422		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.131	0.13	0.18	0.23	1	
104	IFFLA	ST	MELBOURNE SOUTH	5809716	319366	10591414		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.084	0.08	0.13	0.18	1	
4	INGLES	ST	PORT MELBOURNE	5810264	319392	10674922															
6	INGLES	ST	PORT MELBOURNE	5810268	319389	10674914															
8	INGLES	ST	PORT MELBOURNE	5810271	319386	10674906															
10	INGLES	ST	PORT MELBOURNE	5810275	319382	10674893															

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Crulkshnak/Richardson/Esplanade West/Princes
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Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
12	INGLES	ST	PORT MELBOURNE	5810280	319379	10674885															
14	INGLES	ST	PORT MELBOURNE	5810284	319376	10674877															
18	INGLES	ST	PORT MELBOURNE	5810292	319369	10674869															
20	INGLES	ST	PORT MELBOURNE	5810298	319364	10674850		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
22	INGLES	ST	PORT MELBOURNE	5810302	319361	10674842		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
24	INGLES	ST	PORT MELBOURNE	5810307	319358	10674834		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
26	INGLES	ST	PORT MELBOURNE	5810311	319354	10674826		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
28	INGLES	ST	PORT MELBOURNE	5810315	319351	10674818		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
30	INGLES	ST	PORT MELBOURNE	5810319	319348	10674797		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
32	INGLES	ST	PORT MELBOURNE	5810325	319343	10674789		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
33	INGLES	ST	PORT MELBOURNE	5810303	319310	10674772		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
34	INGLES	ST	PORT MELBOURNE	5810330	319339	10674770		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
36	INGLES	ST	PORT MELBOURNE	5810334	319336	10674762		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
38	INGLES	ST	PORT MELBOURNE	5810339	319334	10674754		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
68	INGLES	ST	PORT MELBOURNE	5810429	319262	10674746		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.409	0.01	0.11	0.11	1	
70	INGLES	ST	PORT MELBOURNE	5810434	319258	10674711		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.449	0.05	0.15	0.15	1	
71	INGLES	ST	PORT MELBOURNE	5810408	319223	10674180		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.779	0.38	0.48	0.48	1	
72	INGLES	ST	PORT MELBOURNE	5810438	319255	10674703		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.749	0.35	0.45	0.45	1	
73	INGLES	ST	PORT MELBOURNE	5810474	319172	10674199		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
74	INGLES	ST	PORT MELBOURNE	5810441	319252	10674690		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
76	INGLES	ST	PORT MELBOURNE	5810445	319249	10674682		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
78	INGLES	ST	PORT MELBOURNE	5810448	319246	10674674		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.542	0.14	0.24	0.24	1	
92	INGLES	ST	PORT MELBOURNE	5810500	319202	10674658															
101	INGLES	ST	PORT MELBOURNE	5810511	319142	10674201															
103	INGLES	ST	PORT MELBOURNE	5810517	319137	10674228															
105	INGLES	ST	PORT MELBOURNE	5810521	319134	10674236															
106	INGLES	ST	PORT MELBOURNE	5810546	319169	10674831															
107	INGLES	ST	PORT MELBOURNE	5810524	319132	10674244															
109	INGLES	ST	PORT MELBOURNE	5810527	319129	10674252															
110	INGLES	ST	PORT MELBOURNE	5810551	319164	10674823															
111	INGLES	ST	PORT MELBOURNE	5810530	319126	10674260															
112	INGLES	ST	PORT MELBOURNE	5810558	319159	10674615															
113	INGLES	ST	PORT MELBOURNE	5810535	319122	10674279															
116	INGLES	ST	PORT MELBOURNE	5810568	319151	10674607															
120	INGLES	ST	PORT MELBOURNE	5810577	319146	10674594															
122	INGLES	ST	PORT MELBOURNE	5810582	319142	10674586															
124	INGLES	ST	PORT MELBOURNE	5810588	319139	10674578															
126	INGLES	ST	PORT MELBOURNE	5810593	319136	10674551															
128	INGLES	ST	PORT MELBOURNE	5810597	319135	10674543															
9	LALOR	ST	PORT MELBOURNE	5810005	318788	10655186		1.95	1.70	1.50	1.40	0.6	0.0	0.0	1					1	
15	LALOR	ST	PORT MELBOURNE	5810018	318796	10655174		1.95	1.70	1.50	1.40	0.6	0.0	0.0	1					1	
19	LALOR	ST	PORT MELBOURNE	5810026	318802	10655182		1.95	1.70	1.50	1.20	0.8	0.0	0.0	1	2.085	0.14	0.39	0.59	1	
21	LALOR	ST	PORT MELBOURNE	5810032	318807	10655190		1.95	1.70	1.50	1.00	1.0	0.0	0.0	1	1.357	-0.59	-0.34	-0.14	4	
25	LALOR	ST	PORT MELBOURNE	5810039	318812	24536045		1.95	1.70	1.50	1.00	1.0	0.0	0.0	1	1.487	-0.46	-0.21	-0.01	4	
27	LALOR	ST	PORT MELBOURNE	5810044	318814	10655203		1.95	1.70	1.50	1.00	1.0	0.0	0.0	1	1.447	-0.50	-0.25	-0.05	4	
30	LALOR	ST	PORT MELBOURNE	5810069	318871	10655158		1.95	1.70	1.50	1.20	0.8	0.0	0.0	1	1.491	-0.46	-0.21	-0.01	4	
1	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5810151	319441	10593372															
2	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5810145	319424	10593358															
6	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5810065	319391	10593348															
8	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5810060	319389	10593321															
9	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5810048	319404	10593364															
24	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5809927	319343	10593313															
28	LITTLEBOUNDARY	ST	MELBOURNE SOUTH	5809814	319303	10593305															
1	LITTLEGLOVER	ST	MELBOURNE SOUTH	5809750	319353	10594324		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
1	LITTLETRIBE	ST	MELBOURNE SOUTH	5809877	319396	10590956		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
2	LITTLETRIBE	ST	MELBOURNE SOUTH	5809897	319407	10591086		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
3	LITTLETRIBE	ST	MELBOURNE SOUTH	5809881	319392	10590964		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
4	LITTLETRIBE	ST	MELBOURNE SOUTH	5809898	319403	10591078		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
5	LITTLETRIBE	ST	MELBOURNE SOUTH	5809884	319383	10590972		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
6	LITTLETRIBE	ST	MELBOURNE SOUTH	5809901	319400	10591051		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
8	LITTLETRIBE	ST	MELBOURNE SOUTH	5809904	319393	10591043															

Melbourne Water Catchment: Port Phillip Catchment
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								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
10	LITTLETRIBE	ST	MELBOURNE SOUTH	5809906	319389	10591035															
11	LITTLETRIBE	ST	MELBOURNE SOUTH	5809895	319383	10590980															
12	LITTLETRIBE	ST	MELBOURNE SOUTH	5809909	319385	10591027															
13	LITTLETRIBE	ST	MELBOURNE SOUTH	5809898	319361	10590999															
14	LITTLETRIBE	ST	MELBOURNE SOUTH	5809913	319378	10591019															
15	LITTLETRIBE	ST	MELBOURNE SOUTH	5809900	319353	10591000															
46	LYONS	ST	PORT MELBOURNE	5810114	319045	10650568															
47	LYONS	ST	PORT MELBOURNE	5810120	319049	10650541		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
48	LYONS	ST	PORT MELBOURNE	5810125	319052	10650533															
49	LYONS	ST	PORT MELBOURNE	5810133	319058	10650525		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
50	LYONS	ST	PORT MELBOURNE	5810138	319062	10650517															
51	LYONS	ST	PORT MELBOURNE	5810143	319065	10650509															
55	LYONS	ST	PORT MELBOURNE	5810156	319074	10650496		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
60	LYONS	ST	PORT MELBOURNE	5810233	319128	10650488															
61	LYONS	ST	PORT MELBOURNE	5810243	319135	10650461															
65	LYONS	ST	PORT MELBOURNE	5810263	319159	10650453		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
66	LYONS	ST	PORT MELBOURNE	5810270	319172	10650445		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.682	0.28	0.38	0.38	1	
150	NOTT	ST	PORT MELBOURNE	5810031	318773	10655772		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
152	NOTT	ST	PORT MELBOURNE	5810039	318779	10655764		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
153	NOTT	ST	PORT MELBOURNE	5809844	318602	10656281															
154	NOTT	ST	PORT MELBOURNE	5810048	318785	10655756		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
156	NOTT	ST	PORT MELBOURNE	5810056	318791	10655748		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
157	NOTT	ST	PORT MELBOURNE	5809852	318606	10656302															
158	NOTT	ST	PORT MELBOURNE	5810066	318798	10655721		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
159	NOTT	ST	PORT MELBOURNE	5809857	318609	10656310															
160	NOTT	ST	PORT MELBOURNE	5810072	318802	10655713		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
161	NOTT	ST	PORT MELBOURNE	5809863	318613	10656329															
162	NOTT	ST	PORT MELBOURNE	5810078	318806	10655705		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
164	NOTT	ST	PORT MELBOURNE	5810083	318810	10655692		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
166	NOTT	ST	PORT MELBOURNE	5810090	318814	10655684		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
167	NOTT	ST	PORT MELBOURNE	5809874	318621	10656337															
167	NOTT	ST	PORT MELBOURNE	5809879	318625	10656345															
168	NOTT	ST	PORT MELBOURNE	5810096	318818	10655676		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
170	NOTT	ST	PORT MELBOURNE	5810099	318821	10655668		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
172	NOTT	ST	PORT MELBOURNE	5810106	318825	10655641		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
174	NOTT	ST	PORT MELBOURNE	5810114	318830	10655633		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1	1.544	-0.41	-0.16	0.04	3	
62	PICKLES	ST	PORT MELBOURNE	5809691	319235	10593188		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
76	PICKLES	ST	PORT MELBOURNE	5809752	319256	10593161		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
78	PICKLES	ST	PORT MELBOURNE	5809759	319258	10593153		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
80	PICKLES	ST	PORT MELBOURNE	5809767	319261	10593145		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
82	PICKLES	ST	PORT MELBOURNE	5809775	319264	10593137		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
84	PICKLES	ST	PORT MELBOURNE	5809781	319266	10593129		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
86	PICKLES	ST	PORT MELBOURNE	5809786	319268	10593110		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
88	PICKLES	ST	PORT MELBOURNE	5809792	319271	10593102		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
90	PICKLES	ST	PORT MELBOURNE	5809799	319273	10593081		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
223	PRINCES	ST	PORT MELBOURNE	5810083	318537	10658340		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
225	PRINCES	ST	PORT MELBOURNE	5810087	318543	10658359		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
229	PRINCES	ST	PORT MELBOURNE	5810092	318549	10658367		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
230	PRINCES	ST	PORT MELBOURNE	5810062	318569	10657778															
231	PRINCES	ST	PORT MELBOURNE	5810096	318554	10658375		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
235	PRINCES	ST	PORT MELBOURNE	5810101	318559	10658383		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
237	PRINCES	ST	PORT MELBOURNE	5810108	318571	10658391		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
239	PRINCES	ST	PORT MELBOURNE	5810118	318581	10658404		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
239	PRINCES	ST	PORT MELBOURNE	5810115	318583	10658412		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
241	PRINCES	ST	PORT MELBOURNE	5810122	318587	10658420		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
243	PRINCES	ST	PORT MELBOURNE	5810126	318593	10658439		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
245	PRINCES	ST	PORT MELBOURNE	5810130	318599	10658447		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
247	PRINCES	ST	PORT MELBOURNE	5810135	318604	10658455		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
249	PRINCES	ST	PORT MELBOURNE	5810139	318609	10658463		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
253	PRINCES	ST	PORT MELBOURNE	5810143	318614	10658471		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
259	PRINCES	ST	PORT MELBOURNE	5810156	318630	10658498		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
263	PRINCES	ST	PORT MELBOURNE	5810163	318639	10658500		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
267	PRINCES	ST	PORT MELBOURNE	5810167	318644	10658519		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
269	PRINCES	ST	PORT MELBOURNE	5810172	318650	10658527		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
273	PRINCES	ST	PORT MELBOURNE	5810177	318656	10658535		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
275	PRINCES	ST	PORT MELBOURNE	5810182	318662	10658543		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1	2.401	0.45	0.70	0.90	1	
291	PRINCES	ST	PORT MELBOURNE	5810218	318707	10658551		1.95	1.70	1.50	1.60	0.4	0.0	0.0	1					1	
293	PRINCES	ST	PORT MELBOURNE	5810228	318719	10658578		1.95	1.70	1.50	1.60	0.4	0.0	0.0	1					1	
301	PRINCES	ST	PORT MELBOURNE	5810240	318734	10658586		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
313	PRINCES	ST	PORT MELBOURNE	5810287	318754	10658594														1	
9	RAGLAN	ST	PORT MELBOURNE	5810191	319359	10673663		1.40	1.30	1.30						1.912	0.51	0.61	0.61	0	
11	RAGLAN	ST	PORT MELBOURNE	5810222	319315	10673671															
13	RAGLAN	ST	PORT MELBOURNE	5810226	319309	10673698															
15	RAGLAN	ST	PORT MELBOURNE	5810229	319305	10673700															
17	RAGLAN	ST	PORT MELBOURNE	5810231	319301	10673719															
19	RAGLAN	ST	PORT MELBOURNE	5810234	319296	10673727															
21	RAGLAN	ST	PORT MELBOURNE	5810237	319293	10673735															
23	RAGLAN	ST	PORT MELBOURNE	5810240	319288	10673743		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
25	RAGLAN	ST	PORT MELBOURNE	5810243	319285	10673751		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
29	RAGLAN	ST	PORT MELBOURNE	5810249	319276	10673778		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
31	RAGLAN	ST	PORT MELBOURNE	5810253	319271	10673786		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
33	RAGLAN	ST	PORT MELBOURNE	5810257	319266	10673794		1.40	1.30	1.30	1.30	0.1	0.0	0.0	1					1	
37	RAGLAN	ST	PORT MELBOURNE	5810263	319256	10673807		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
39	RAGLAN	ST	PORT MELBOURNE	5810267	319251	10673815		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
41	RAGLAN	ST	PORT MELBOURNE	5810272	319243	10673823		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
45	RAGLAN	ST	PORT MELBOURNE	5810277	319236	10673831		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
47	RAGLAN	ST	PORT MELBOURNE	5810281	319231	10673858		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
51	RAGLAN	ST	PORT MELBOURNE	5810287	319222	10673866		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
81	RAGLAN	ST	PORT MELBOURNE	5810375	319096	10673874															
82	RAGLAN	ST	PORT MELBOURNE	5810398	319121	10674156															
83	RAGLAN	ST	PORT MELBOURNE	5810380	319087	10673882															
84	RAGLAN	ST	PORT MELBOURNE	5810403	319113	10674148															
86	RAGLAN	ST	PORT MELBOURNE	5810408	319106	10674121															
141	RAGLAN	ST	PORT MELBOURNE	5810622	318832	10673962															
143	RAGLAN	ST	PORT MELBOURNE	5810630	318825	10673970															
145	RAGLAN	ST	PORT MELBOURNE	5810635	318821	10673989															
147	RAGLAN	ST	PORT MELBOURNE	5810640	318817	10673997															
149	RAGLAN	ST	PORT MELBOURNE	5810646	318812	10674009															
151	RAGLAN	ST	PORT MELBOURNE	5810655	318806	10674017															
1	RICHARDSON	ST	ALBERT PARK	5809603	319311	10623981		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	1.93	-0.07	-0.02	0.03	3	
3	RICHARDSON	ST	ALBERT PARK	5809601	319315	10624001		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	1.93	-0.07	-0.02	0.03	3	
5	RICHARDSON	ST	ALBERT PARK	5809598	319320	10624028		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	1.93	-0.07	-0.02	0.03	3	
7	RICHARDSON	ST	ALBERT PARK	5809582	319333	10624036		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
13	RICHARDSON	ST	ALBERT PARK	5809579	319342	10624044		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.006	0.01	0.06	0.11	1	
15	RICHARDSON	ST	ALBERT PARK	5809575	319346	10624052		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.006	0.01	0.06	0.11	1	
17	RICHARDSON	ST	ALBERT PARK	5809552	319381	10624060		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.114	0.11	0.16	0.21	1	
18	RICHARDSON	ST	ALBERT PARK	5809516	319358	10627990															
19	RICHARDSON	ST	ALBERT PARK	5809550	319386	10624079		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
21	RICHARDSON	ST	ALBERT PARK	5809549	319390	10624087		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
23	RICHARDSON	ST	ALBERT PARK	5809548	319394	10624095		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	1.925	-0.08	-0.02	0.03	3	
25	RICHARDSON	ST	ALBERT PARK	5809547	319398	10624108		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	1.958	-0.04	0.01	0.06	2	
27	RICHARDSON	ST	ALBERT PARK	5809544	319401	10624116		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.251	0.25	0.30	0.35	1	
29	RICHARDSON	ST	ALBERT PARK	5809535	319408	10624124		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.182	0.18	0.23	0.28	1	
31	RICHARDSON	ST	ALBERT PARK	5809532	319420	10624132		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
33	RICHARDSON	ST	ALBERT PARK	5809526	319428	10624140		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
34	RICHARDSON	ST	ALBERT PARK	5809451	319452	10627982		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
35	RICHARDSON	ST	ALBERT PARK	5809520	319435	10624159															
36	RICHARDSON	ST	ALBERT PARK	5809443	319458	10627974															
37	RICHARDSON	ST	ALBERT PARK	5809462	319513	10624167															
38	RICHARDSON	ST	ALBERT PARK	5809440	319464	10627966															
39	RICHARDSON	ST	ALBERT PARK	5809458	319518	10624175															
40	RICHARDSON	ST	ALBERT PARK	5809437	319468	10627956															

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
41	RICHARDSON	ST	ALBERT PARK	5809449	319532	10624183															
42	RICHARDSON	ST	ALBERT PARK	5809433	319473	10627931															
44	RICHARDSON	ST	ALBERT PARK	5809430	319477	10627923															
45	RICHARDSON	ST	ALBERT PARK	5809445	319538	10624191															
46	RICHARDSON	ST	ALBERT PARK	5809427	319482	10627915															
47	RICHARDSON	ST	ALBERT PARK	5809442	319543	10624204															
48	RICHARDSON	ST	ALBERT PARK	5809425	319486	10627907															
50	RICHARDSON	ST	ALBERT PARK	5809421	319491	10627894															
52	RICHARDSON	ST	ALBERT PARK	5809418	319495	10627886															
54	RICHARDSON	ST	ALBERT PARK	5809415	319499	10627878															
56	RICHARDSON	ST	ALBERT PARK	5809412	319504	10627851															
58	RICHARDSON	ST	ALBERT PARK	5809409	319508	10627843															
60	RICHARDSON	ST	ALBERT PARK	5809407	319512	10627835															
62	RICHARDSON	ST	ALBERT PARK	5809403	319516	10627827															
52	ROSS	ST	PORT MELBOURNE	5810141	318286	10662147		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
54	ROSS	ST	PORT MELBOURNE	5810147	318295	10662139		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
57	ROSS	ST	PORT MELBOURNE	5810183	318281	10662307		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
58	ROSS	ST	PORT MELBOURNE	5810152	318301	10662120		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
60	ROSS	ST	PORT MELBOURNE	5810156	318305	10662112		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
61	ROSS	ST	PORT MELBOURNE	5810188	318287	10662315		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
62	ROSS	ST	PORT MELBOURNE	5810160	318310	10662104		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
64	ROSS	ST	PORT MELBOURNE	5810166	318318	10662091		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
65	ROSS	ST	PORT MELBOURNE	5810194	318295	10662323		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
66	ROSS	ST	PORT MELBOURNE	5810180	318335	10662075		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
67	ROSS	ST	PORT MELBOURNE	5810200	318302	10662331		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
77	ROSS	ST	PORT MELBOURNE	5810209	318314	10662358		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
79	ROSS	ST	PORT MELBOURNE	5810215	318322	10662366		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
83	ROSS	ST	PORT MELBOURNE	5810221	318329	10662374		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
84	ROSS	ST	PORT MELBOURNE	5810191	318351	10662087		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
86	ROSS	ST	PORT MELBOURNE	5810197	318358	10662059		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
87	ROSS	ST	PORT MELBOURNE	5810226	318336	10662382		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
90	ROSS	ST	PORT MELBOURNE	5810203	318365	10662040		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
94	ROSS	ST	PORT MELBOURNE	5810210	318373	10662032		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
95	ROSS	ST	PORT MELBOURNE	5810238	318350	10662390		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
97	ROSS	ST	PORT MELBOURNE	5810244	318358	10662403		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
100	ROSS	ST	PORT MELBOURNE	5810217	318383	10662024		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
101	ROSS	ST	PORT MELBOURNE	5810249	318365	10662411		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
103	ROSS	ST	PORT MELBOURNE	5810253	318370	10662436		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
104	ROSS	ST	PORT MELBOURNE	5810224	318391	10662016		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
105	ROSS	ST	PORT MELBOURNE	5810256	318375	10662448		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
108	ROSS	ST	PORT MELBOURNE	5810231	318399	10662008		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
109	ROSS	ST	PORT MELBOURNE	5810271	318392	10662454		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
112	ROSS	ST	PORT MELBOURNE	5810236	318407	10661998		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
115	ROSS	ST	PORT MELBOURNE	5810280	318402	10662569		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
116	ROSS	ST	PORT MELBOURNE	5810243	318414	10661988		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
118	ROSS	ST	PORT MELBOURNE	5810248	318421	10661961		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
119	ROSS	ST	PORT MELBOURNE	5810284	318409	23318812		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
123	ROSS	ST	PORT MELBOURNE	5810291	318416	10662585		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
124	ROSS	ST	PORT MELBOURNE	5810255	318430	10661953		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
125	ROSS	ST	PORT MELBOURNE	5810295	318421	10662593		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
127	ROSS	ST	PORT MELBOURNE	5810299	318426	10662606		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
128	ROSS	ST	PORT MELBOURNE	5810261	318438	10661945		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
131	ROSS	ST	PORT MELBOURNE	5810304	318432	10662614		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
132	ROSS	ST	PORT MELBOURNE	5810267	318444	10661937		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
135	ROSS	ST	PORT MELBOURNE	5810308	318438	10662622		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
136	ROSS	ST	PORT MELBOURNE	5810274	318453	10661929		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
138	ROSS	ST	PORT MELBOURNE	5810283	318464	10661910		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1	2.41	0.31	0.36	0.41	1	
139	ROSS	ST	PORT MELBOURNE	5810313	318444	10662630		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
143	ROSS	ST	PORT MELBOURNE	5810320	318453	10662649		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
144	ROSS	ST	PORT MELBOURNE	5810293	318476	10661681		2.10	2.05	2.00	2.00	0.1	0.0	0.0	1					1	
147	ROSS	ST	PORT MELBOURNE	5810325	318459	10662657		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
148	ROSS	ST	PORT MELBOURNE	5810299	318484	10661873		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
151	ROSS	ST	PORT MELBOURNE	5810330	318466	10662685		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.46	0.36	0.41	0.46	1	
153	ROSS	ST	PORT MELBOURNE	5810335	318471	10662673		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
155	ROSS	ST	PORT MELBOURNE	5810340	318478	10662681		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
156	ROSS	ST	PORT MELBOURNE	5810312	318500	10661865		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.52	0.42	0.47	0.52	1	
159	ROSS	ST	PORT MELBOURNE	5810345	318484	10662702		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
163	ROSS	ST	PORT MELBOURNE	5810349	318489	10662710		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
165	ROSS	ST	PORT MELBOURNE	5810354	318494	10662729		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
167	ROSS	ST	PORT MELBOURNE	5810358	318499	10662737		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
168	ROSS	ST	PORT MELBOURNE	5810329	318522	10661857		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	1.903	-0.20	-0.15	-0.10	4	
169	ROSS	ST	PORT MELBOURNE	5810361	318504	10662745		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.233	0.13	0.18	0.23	1	
171	ROSS	ST	PORT MELBOURNE	5810363	318507	10662753		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.168	0.07	0.12	0.17	1	
173	ROSS	ST	PORT MELBOURNE	5810366	318511	10662761		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.01	-0.09	-0.04	0.01	3	
177	ROSS	ST	PORT MELBOURNE	5810368	318523	10662768		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	1.852	-0.25	-0.20	-0.15	4	
180	ROSS	ST	PORT MELBOURNE	5810373	318576	10661849		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.121	0.02	0.07	0.12	1	
182	ROSS	ST	PORT MELBOURNE	5810377	318580	10661830		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.173	0.07	0.12	0.17	1	
184	ROSS	ST	PORT MELBOURNE	5810380	318584	10661822		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.133	0.03	0.08	0.13	1	
186	ROSS	ST	PORT MELBOURNE	5810383	318589	10661814		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.082	-0.02	0.03	0.08	2	
189	ROSS	ST	PORT MELBOURNE	5810401	318556	10662796		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
190	ROSS	ST	PORT MELBOURNE	5810390	318597	10661806		2.10	2.05	2.00						2.605	0.51	0.56	0.61	0	
191	ROSS	ST	PORT MELBOURNE	5810405	318562	10662809		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
193	ROSS	ST	PORT MELBOURNE	5810415	318575	10662817		2.10	2.05	2.00						2.416	0.32	0.37	0.42		
194	ROSS	ST	PORT MELBOURNE	5810397	318606	10661793															
196	ROSS	ST	PORT MELBOURNE					2.10	2.05	2.00						2.59	0.49	0.54	0.59		
198	ROSS	ST	PORT MELBOURNE					2.10	2.05	2.00						2.318	0.22	0.27	0.32		
199	ROSS	ST	PORT MELBOURNE	5810420	318581	10662833		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
200	ROSS	ST	PORT MELBOURNE	5810406	318614	28194249		2.10	2.05	2.00						2.188	0.09	0.14	0.19		
201	ROSS	ST	PORT MELBOURNE	5810424	318585	10662841		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
203	ROSS	ST	PORT MELBOURNE	5810427	318589	10662868		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1					1	
205	ROSS	ST	PORT MELBOURNE	5810430	318592	10662876		2.10	2.05	2.00	1.80	0.3	0.0	0.0	1	2.18	0.08	0.13	0.18	1	
207	ROSS	ST	PORT MELBOURNE	5810454	318620	10662884										2.298					Outsid RB
3	SPRING	ST	PORT MELBOURNE	5810040	319277	10673065		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
5	SPRING	ST	PORT MELBOURNE	5810042	319272	10673073		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
7	SPRING	ST	PORT MELBOURNE	5810045	319267	10673081		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
9	SPRING	ST	PORT MELBOURNE	5810048	319264	10673102		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
12	SPRING	ST	PORT MELBOURNE	5810080	319276	10673647		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
13	SPRING	ST	PORT MELBOURNE	5810053	319257	10673110		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
15	SPRING	ST	PORT MELBOURNE	5810057	319250	10673129		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
17	SPRING	ST	PORT MELBOURNE	5810060	319247	10673137		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
18	SPRING	ST	PORT MELBOURNE	5810092	319259	10673639		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
19	SPRING	ST	PORT MELBOURNE	5810063	319243	10673145		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
20	SPRING	ST	PORT MELBOURNE	5810096	319254	10673620		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
21	SPRING	ST	PORT MELBOURNE	5810066	319238	10673153		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
22	SPRING	ST	PORT MELBOURNE	5810099	319249	10673612		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
23	SPRING	ST	PORT MELBOURNE	5810068	319235	10673161		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
42	SPRING	ST	PORT MELBOURNE	5810137	319191	10673604		1.40	1.30	1.30	1.40	0.0	0.0	0.0	1					0	
44	SPRING	ST	PORT MELBOURNE	5810147	319180	10673591		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.648	0.25	0.35	0.35	1	
47	SPRING	ST	PORT MELBOURNE	5810124	319156	10673188		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.36	-0.04	0.06	0.06	2	
48	SPRING	ST	PORT MELBOURNE	5810150	319175	10673583		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.521	0.12	0.22	0.22	1	
49	SPRING	ST	PORT MELBOURNE	5810127	319151	10673196		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.33	-0.07	0.03	0.03	2	
51	SPRING	ST	PORT MELBOURNE	5810130	319147	10673209		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.462	0.06	0.16	0.16	1	
52	SPRING	ST	PORT MELBOURNE	5810154	319169	10673575		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.549	0.15	0.25	0.25	1	
53	SPRING	ST	PORT MELBOURNE	5810134	319142	10673217		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.432	0.03	0.13	0.13	1	
54	SPRING	ST	PORT MELBOURNE	5810161	319160	10673567		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.521	0.12	0.22	0.22	1	
56	SPRING	ST	PORT MELBOURNE	5810164	319156	10673559		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.531	0.13	0.23	0.23	1	
57	SPRING	ST	PORT MELBOURNE	5810140	319132	10673225		1.40	1.30	1.30	0.80	0.6	0.0	0.0	1	1.455	0.06	0.16	0.16	1	
58	SPRING	ST	PORT MELBOURNE	5810167	319152	10673540		1.40	1.30	1.30	0.90	0.5	0.0	0.0	1	1.502	0.10	0.20	0.20	1	
59	SPRING	ST	PORT MELBOURNE	5810144	319127	10673233		1.40	1.30	1.30	0.80	0.6	0.0	0.0	1	1.275	-0.13	-0.03	-0.03	4	
60	SPRING	ST	PORT MELBOURNE	5810171	319147	10673532		1.40	1.30	1.30	0.80	0.6	0.0	0.0	1	1.587	0.19	0.29	0.29	1	
61	SPRING	ST	PORT MELBOURNE	5810147	319123	10673241		1.40	1.30	1.30	0.80	0.6	0.0	0.0	1	1.295	-0.11	-0.01	-0.01	4	
62	SPRING	ST	PORT MELBOURNE	5810174	319143	10673524		1.40	1.30	1.30	0.80	0.6	0.0	0.0	1	1.587	0.19	0.29	0.29	1	

Melbourne Water Catchment: Port Phillip Catchment
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Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
63	SPRING	ST	PORT MELBOURNE	5810149	319118	10673268		1.40	1.30	1.30	0.90	0.5	0.0	0.0	1	1.355	-0.04	0.05	0.05	2	
64	SPRING	ST	PORT MELBOURNE	5810176	319139	10673516		1.40	1.30	1.30	0.90	0.5	0.0	0.0	1	1.59	0.19	0.29	0.29	1	
65	SPRING	ST	PORT MELBOURNE	5810151	319115	10673276		1.40	1.30	1.30	0.90	0.5	0.0	0.0	1	1.435	0.04	0.14	0.14	1	
66	SPRING	ST	PORT MELBOURNE	5810179	319136	10673508		1.40	1.30	1.30	0.90	0.5	0.0	0.0	1	1.49	0.09	0.19	0.19	1	
67	SPRING	ST	PORT MELBOURNE	5810153	319112	10673284		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.453	0.05	0.15	0.15	1	
68	SPRING	ST	PORT MELBOURNE	5810182	319131	10673495		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.58	0.18	0.28	0.28	1	
69	SPRING	ST	PORT MELBOURNE	5810156	319110	10673292					1.00	0.0	0.0	0.0						0	
70	SPRING	ST	PORT MELBOURNE	5810186	319126	10673487		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.522	0.12	0.22	0.22	1	
71	SPRING	ST	PORT MELBOURNE	5810159	319105	10673313					1.00	0.0	0.0	0.0						0	
71	SPRING	ST	PORT MELBOURNE	5810163	319103	10673305					1.00	0.0	0.0	0.0						0	
72	SPRING	ST	PORT MELBOURNE	5810189	319121	10673479		1.40	1.30	1.30	1.00	0.4	0.0	0.0	1	1.625	0.23	0.33	0.33	1	
74	SPRING	ST	PORT MELBOURNE	5810189	319115	10673460		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1	1.585	0.19	0.29	0.29	1	
75	SPRING	ST	PORT MELBOURNE	5810168	319093	10673321		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
76	SPRING	ST	PORT MELBOURNE	5810193	319110	10673452		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
77	SPRING	ST	PORT MELBOURNE	5810173	319085	10673348		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
78	SPRING	ST	PORT MELBOURNE	5810198	319107	10673444		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
80	SPRING	ST	PORT MELBOURNE	5810198	319101	10673436		1.40	1.30	1.30	1.20	0.2	0.0	0.0	1					1	
98	SPRING	ST	PORT MELBOURNE	5810286	319033	10673428															
100	SPRING	ST	PORT MELBOURNE	5810291	319026	10673401															
101	SPRING	ST	PORT MELBOURNE	5810211	318976	10673356															
135	SPRING	ST	PORT MELBOURNE	5810307	318893	10673364															
137	SPRING	ST	PORT MELBOURNE	5810315	318880	10673372															
35	STATION	ST	PORT MELBOURNE	5809999	318401	10660029		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
37	STATION	ST	PORT MELBOURNE	5810004	318410	10660010		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
39	STATION	ST	PORT MELBOURNE	5810008	318415	10660002		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
41	STATION	ST	PORT MELBOURNE	5810013	318421	10659992		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
42	STATION	ST	PORT MELBOURNE	5810018	318427	10659984		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
44	STATION	ST	PORT MELBOURNE	5810023	318433	10659976		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
47	STATION	ST	PORT MELBOURNE	5810031	318444	10659941		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
49	STATION	ST	PORT MELBOURNE	5810037	318451	10659933		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
50	STATION	ST	PORT MELBOURNE	5810043	318458	10659925		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
51	STATION	ST	PORT MELBOURNE	5810048	318465	10659917		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
54	STATION	ST	PORT MELBOURNE	5810054	318471	10659909		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
55	STATION	ST	PORT MELBOURNE	5810060	318479	10659896		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
56	STATION	ST	PORT MELBOURNE	5810064	318484	10659888		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
57	STATION	ST	PORT MELBOURNE	5810068	318488	10659861		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
58	STATION	ST	PORT MELBOURNE	5810072	318493	10659853		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
60	STATION	ST	PORT MELBOURNE	5810077	318500	10659845		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
63	STATION	ST	PORT MELBOURNE	5810084	318508	10659837		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
64	STATION	ST	PORT MELBOURNE	5810090	318516	10659829		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
68	STATION	ST	PORT MELBOURNE	5810096	318523	10659810		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
70	STATION	ST	PORT MELBOURNE	5810103	318531	10659802		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
72	STATION	ST	PORT MELBOURNE	5810113	318537	10659781		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
74	STATION	ST	PORT MELBOURNE	5810120	318546	10659773		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
75	STATION	ST	PORT MELBOURNE	5810126	318551	10659765		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
76	STATION	ST	PORT MELBOURNE	5810128	318555	10659757		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
77	STATION	ST	PORT MELBOURNE	5810132	318561	10659749		1.95	1.70	1.50	1.90	0.1	0.0	0.0	1					1	
79	STATION	ST	PORT MELBOURNE	5810138	318567	10659730		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
81	STATION	ST	PORT MELBOURNE	5810144	318574	10659714		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
82	STATION	ST	PORT MELBOURNE	5810148	318580	10659706		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
84	STATION	ST	PORT MELBOURNE	5810152	318585	10659693		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
86	STATION	ST	PORT MELBOURNE	5810159	318593	10659685		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
87	STATION	ST	PORT MELBOURNE	5810164	318598	10659677		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
88	STATION	ST	PORT MELBOURNE	5810168	318605	10659669		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
89	STATION	ST	PORT MELBOURNE	5810173	318611	10659650		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
92	STATION	ST	PORT MELBOURNE	5810182	318622	10659642		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
93	STATION	ST	PORT MELBOURNE	5810186	318627	10659634		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
96	STATION	ST	PORT MELBOURNE	5810192	318635	10659626		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
97	STATION	ST	PORT MELBOURNE	5810199	318643	10659618		1.95	1.70	1.50	1.80	0.2	0.0	0.0	1					1	
98	STATION	ST	PORT MELBOURNE	5810204	318651	10659597		1.95	1.70	1.50	1.60	0.4	0.0	0.0	1					1	
102	STATION	ST	PORT MELBOURNE	5810237	318693	10659570		1.95	1.70	1.50	1.60	0.4	0.0	0.0	1					1	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
110	STATION	ST	PORT MELBOURNE	5810244	318703	10659562		1.95	1.70	1.50	1.60	0.4	0.0	0.0	1	2.235	0.29	0.54	0.74	1	
21	STVINCENT	ST	ALBERT PARK	5809707	319544	10593698		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1						
22	STVINCENT	ST	ALBERT PARK	5809761	319526	10593604															
23	STVINCENT	ST	ALBERT PARK	5809703	319534	10593778		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
24	STVINCENT	ST	ALBERT PARK	5809759	319522	10593591															
26	STVINCENT	ST	ALBERT PARK	5809757	319517	10593583															
28	STVINCENT	ST	ALBERT PARK	5809756	319513	10593575															
29	STVINCENT	ST	ALBERT PARK	5809702	319528	10593786		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
30	STVINCENT	ST	ALBERT PARK	5809754	319509	10593567															
31	STVINCENT	ST	ALBERT PARK	5809700	319524	10593794		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
32	STVINCENT	ST	ALBERT PARK	5809752	319502	10593559															
33	STVINCENT	ST	ALBERT PARK	5809698	319519	10593807		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
34	STVINCENT	ST	ALBERT PARK	5809733	319455	10593540		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
35	STVINCENT	ST	ALBERT PARK	5809696	319515	10593815		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
36	STVINCENT	ST	ALBERT PARK	5809731	319448	10593532		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
37	STVINCENT	ST	ALBERT PARK	5809695	319510	10593823		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
38	STVINCENT	ST	ALBERT PARK	5809729	319443	10593524		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
39	STVINCENT	ST	ALBERT PARK	5809693	319505	10593831		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
40	STVINCENT	ST	ALBERT PARK	5809727	319438	10593516		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
41	STVINCENT	ST	ALBERT PARK	5809691	319500	10593858		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
42	STVINCENT	ST	ALBERT PARK	5809725	319431	10593508		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
43	STVINCENT	ST	ALBERT PARK	5809689	319496	10593866		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
44	STVINCENT	ST	ALBERT PARK	5809721	319425	10593495		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
45	STVINCENT	ST	ALBERT PARK	5809687	319492	10593874		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
46	STVINCENT	ST	ALBERT PARK	5809720	319421	10593487		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
47	STVINCENT	ST	ALBERT PARK	5809685	319487	10593882		2.00	1.95	1.90	1.90	0.1	0.0	0.0	1					1	
48	STVINCENT	ST	ALBERT PARK	5809718	319417	10593479		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.108	0.11	0.16	0.21	1	
49	STVINCENT	ST	ALBERT PARK	5809682	319478	10593890		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
50	STVINCENT	ST	ALBERT PARK	5809717	319412	10593460		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1					1	
51	STVINCENT	ST	ALBERT PARK	5809678	319467	10593903		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
54	STVINCENT	ST	ALBERT PARK	5809670	319310	28096227		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
55	STVINCENT	ST	ALBERT PARK	5809675	319458	10593911		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1					1	
56	STVINCENT	ST	ALBERT PARK	5809668	319301	28096219		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
57	STVINCENT	ST	ALBERT PARK	5809665	319431	10593938		2.00	1.95	1.90	1.80	0.2	0.0	0.0	1	2.211	0.21	0.26	0.31	1	
58	STVINCENT	ST	ALBERT PARK	5809663	319292	28096200		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
59	STVINCENT	ST	ALBERT PARK	5809661	319423	10593946		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.251	0.25	0.30	0.35	1	
60	STVINCENT	ST	ALBERT PARK	5809661	319287	28096198		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
61	STVINCENT	ST	ALBERT PARK	5809656	319413	10593954		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.391	0.39	0.44	0.49	1	
62	STVINCENT	ST	ALBERT PARK	5809659	319282	28096171		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
63	STVINCENT	ST	ALBERT PARK	5809653	319406	10593962		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.201	0.20	0.25	0.30	1	
64	STVINCENT	ST	ALBERT PARK	5809657	319275	28090327		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
65	STVINCENT	ST	ALBERT PARK	5809652	319402	10593970		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.181	0.18	0.23	0.28	1	
66	STVINCENT	ST	ALBERT PARK	5809655	319270	28090319		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
67	STVINCENT	ST	ALBERT PARK	5809651	319397	10593989		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.081	0.08	0.13	0.18	1	
68	STVINCENT	ST	ALBERT PARK	5809653	319266	28090300		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
69	STVINCENT	ST	ALBERT PARK	5809649	319391	10593997		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.061	0.06	0.11	0.16	1	
70	STVINCENT	ST	ALBERT PARK	5809650	319258	28090298		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
71	STVINCENT	ST	ALBERT PARK	5809647	319386	10594009		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.091	0.09	0.14	0.19	1	
72	STVINCENT	ST	ALBERT PARK	5809646	319249	28090271		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
73	STVINCENT	ST	ALBERT PARK	5809645	319383	10594017		2.00	1.95	1.90	1.60	0.4	0.0	0.0	1	2.051	0.05	0.10	0.15	1	
75	STVINCENT	ST	ALBERT PARK	5809642	319375	10594025		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.046	0.05	0.10	0.15	1	
77	STVINCENT	ST	ALBERT PARK	5809638	319365	10594033		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1					1	
79	STVINCENT	ST	ALBERT PARK	5809634	319354	10594041		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.075	0.08	0.13	0.18	1	
81	STVINCENT	ST	ALBERT PARK	5809633	319351	10594068		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.013	0.01	0.06	0.11	1	
83	STVINCENT	ST	ALBERT PARK	5809630	319346	10594076		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	1.905	-0.10	-0.04	0.01	3	
85	STVINCENT	ST	ALBERT PARK	5809629	319341	10594084		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.175	0.18	0.23	0.28	1	
87	STVINCENT	ST	ALBERT PARK	5809627	319336	10594092		2.00	1.95	1.90	1.40	0.6	0.0	0.0	1	2.075	0.08	0.13	0.18	1	
89	STVINCENT	ST	ALBERT PARK	5809625	319332	10594105		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.045	0.04	0.10	0.15	1	
91	STVINCENT	ST	ALBERT PARK	5809623	319327	10594113		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.12	0.12	0.17	0.22	1	
93	STVINCENT	ST	ALBERT PARK	5809623	319316	10594121		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.087	0.09	0.14	0.19	1	
95	STVINCENT	ST	ALBERT PARK	5809621	319313	10594148		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	1.967	-0.03	0.02	0.07	2	

Melbourne Water Catchment: Port Phillip Catchment
Main Drain Name: Cruikshnak/Richardson/Esplanade West/Princes
Municipality: Port Phillip

Street No.	Street Name		Suburb	Northing	Easting	Rate Reference Number	Property Use	100 Yr ARI Flood Level	50 Yr ARI Flood Level	20 Yr ARI Flood Level	Egress Surface Level	Egress Depth	Egress Velocity	V*D Product	Floodway Safety Risk	Floor Level	100 yr Floor Freeboard	50 yr Floor Freeboard	20 yr Floor Freeboard	Property Flood Risk	Comments
								(m AHD)	(m AHD)	(m AHD)	(m AHD)	(m)		(100yr)	Category	(m AHD)	(m)	(m)	(m)	Category	
97	STVINCENT	ST	ALBERT PARK	5809618	319309	10594156		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.047	0.05	0.10	0.15	1	
99	STVINCENT	ST	ALBERT PARK	5809615	319304	10594164		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.117	0.12	0.17	0.22	1	
101	STVINCENT	ST	ALBERT PARK	5809613	319300	10594172		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.117	0.12	0.17	0.22	1	
103	STVINCENT	ST	ALBERT PARK	5809612	319290	10594180		2.00	1.95	1.90	1.20	0.8	0.0	0.0	1	2.138	0.14	0.19	0.24	1	
6	THOMAS	ST	PORT MELBOURNE	5810193	318256	10663385															
2	TRIBE	ST	MELBOURNE SOUTH	5809940	319535	10590702															
3	TRIBE	ST	MELBOURNE SOUTH	5809889	319537	10590710															
4	TRIBE	ST	MELBOURNE SOUTH	5809941	319529	10590681															
5	TRIBE	ST	MELBOURNE SOUTH	5809897	319517	10590729															
6	TRIBE	ST	MELBOURNE SOUTH	5809944	319523	10590673															
7	TRIBE	ST	MELBOURNE SOUTH	5809902	319507	10590737															
8	TRIBE	ST	MELBOURNE SOUTH	5809947	319516	10590665															
9	TRIBE	ST	MELBOURNE SOUTH	5809905	319499	10590745															
10	TRIBE	ST	MELBOURNE SOUTH	5809948	319514	10590657															
11	TRIBE	ST	MELBOURNE SOUTH	5809908	319491	10590753															
12	TRIBE	ST	MELBOURNE SOUTH	5809951	319508	10590649															
13	TRIBE	ST	MELBOURNE SOUTH	5809910	319486	10590761															
14	TRIBE	ST	MELBOURNE SOUTH	5809954	319499	10590630															
15	TRIBE	ST	MELBOURNE SOUTH	5809912	319480	10590788															
16	TRIBE	ST	MELBOURNE SOUTH	5809956	319494	10590622															
17	TRIBE	ST	MELBOURNE SOUTH	5809937	319423	10590796		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1					0	
18	TRIBE	ST	MELBOURNE SOUTH	5809971	319458	10590614										2.257					
19	TRIBE	ST	MELBOURNE SOUTH	5809939	319417	10590809		2.00	1.95	1.90	2.00	0.0	0.0	0.0	1						
21	TRIBE	ST	MELBOURNE SOUTH	5809941	319410	10590817		2.00	1.95	1.90						2.315	0.32	0.37	0.42	0	
22	TRIBE	ST	MELBOURNE SOUTH	5809976	319447	10590606										2.249					

Gutteridge Haskins & Davey Pty Ltd
CONSULTING ENGINEERS • ENVIRONMENTAL SCIENTISTS & PLANNERS • PROJECT MANAGERS
A.C.N. 008 488 373

Memorandum

380 Lonsdale Street Melbourne Vic 3000 Australia
Telephone (03) 9600 1100 Facsimile (03) 9600 1300

TO FILE 8100/98 JOB NO 8100/98/00
FROM GEOMATIC SERVICES DATE 3/3/97
SUBJECT MELB. WATER PORT PHILLIP FLOOD MAPPING. COPIES TO

ORIGINAL

DELIVERY NOTE

DATE 27/2/97 17

TO STEVE YOUNG

GHD

FROM GEOMATIC SERVICES PTY. LTD
A.C.N. 062 650 239

ROSNY . XLS

FLOOR LEVELS FOR ROSNY.

NOTE: NOT IN DBASE

ELDBROOM IN PARK ~ OPP. 32 GELLIBRAND RL 2.624

Action

Gutteridge Haskins & Davey Pty Ltd
CONSULTING ENGINEERS • ENVIRONMENTAL SCIENTISTS & PLANNERS • PROJECT MANAGERS
A.C.N. 008 488 373

Calculations

380 Lonsdale Street Melbourne Vic 3000 Australia Telephone (03) 9600 1100 Facsimile (03) 9600 1300

Client/Project MELB. WATER PORT PHILLIP FLOOD MAPPING Job No. 8100/98/00

Calc. by GEOMATIC SERVICES Date 2/97 Checked by _____ Page 1 of 1

ROSNEY ST DRAIN

OPP. CUMBERLAND RD
+ 1.89

OPP. BEND ST
+ 2.51

OPP NO. 303 BOULEVARD.
+ 2.51

BEACH RETAINING WALL

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name : Rosny Street Drain
Municipality : Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
3	BARAK	RD	PORT MELBOURN	317145	5809861	1530194		2.5	2.40	2.30	1.80	0.7	0.2	0.14						1	
5	BARAK	RD	PORT MELBOURN	317155	5809869	1530195		2.5	2.40	2.30	1.80	0.7	0.2	0.14						1	
7	BARAK	RD	PORT MELBOURNE	317163	5809874	1530196		2.5	2.40	2.30	1.80	0.7	0.2	0.14		2.647	0.15	0.25	0.85	1	
9	BARAK	RD	PORT MELBOURNE	317171	5809881	1530197		2.5	2.40	2.30	1.80	0.7	0.2	0.14		2.647	0.15	0.25	0.85	1	
11	BARAK	RD	PORT MELBOURN	317180	5809888	1530198		2.5	2.40	2.30	1.90	0.6	0.30	0.18						1	
13	BARAK	RD	PORT MELBOURN	317190	5809896	1530199		2.5	2.40	2.30	1.90	0.6	0.30	0.18						1	
15	BARAK	RD	PORT MELBOURN	317199	5809904	1530200		2.5	2.40	2.30	2.00	0.5	0.40	0.20						1	
16	BARAK	RD	PORT MELBOURN	317235	5809884	1530201		2.5	2.40	2.30	2.00	0.5	0.40	0.20						1	
17	BARAK	RD	PORT MELBOURN	317208	5809911	1530202		2.5	2.40	2.30	2.00	0.5	0.40	0.20						1	
19	BARAK	RD	PORT MELBOURNE	317219	5809920	1530203		2.5	2.40	2.30	2.00	0.5	0.6	0.30		2.782	0.28	0.38	0.78	1	
20	BARAK	RD	PORT MELBOURNE	317251	5809896	1530204		2.5	2.40	2.30	2.00	0.5	0.6	0.30		2.617	0.12	0.22	0.62	1	
21	BARAK	RD	PORT MELBOURNE	317229	5809928	1530205		2.5	2.40	2.30	2.00	0.5	0.6	0.30		2.782	0.28	0.38	0.78	1	
23	BARAK	RD	PORT MELBOURN	317239	5809936	1530206		2.5	2.40	2.30	2.00	0.5	0.6	0.30						1	
25	BARAK	RD	PORT MELBOURN	317248	5809942	1530207		2.5	2.40	2.30	2.00	0.5	0.6	0.30						1	
27	BARAK	RD	PORT MELBOURNE	317259	5809951	1530208		2.5	2.40	2.30	2.00	0.5	0.6	0.30		2.893	0.39	0.49	0.89	1	
29	BARAK	RD	PORT MELBOURNE	317271	5809960	1530210		2.5	2.40	2.30	2.00	0.5	0.6	0.30		2.893	0.39	0.49	0.89	1	
46	BARAK	RD	PORT MELBOURNE	317433	5810043	1530221										2.707					Outside Hydraulic model
1	BATMAN	RD	PORT MELBOURNE	316748	5809849	1530233															Outside Hydraulic model
3	BATMAN	RD	PORT MELBOURNE	316754	5809864	1530234															Outside Hydraulic model
5	BATMAN	RD	PORT MELBOURNE	316760	5809874	1530235															Outside Hydraulic model
7	BATMAN	RD	PORT MELBOURNE	316768	5809883	1530236															Outside Hydraulic model
9	BATMAN	RD	PORT MELBOURNE	316778	5809893	1530237															Outside Hydraulic model
11	BATMAN	RD	PORT MELBOURNE	316790	5809901	1530238															Outside Hydraulic model
13	BATMAN	RD	PORT MELBOURNE	316792	5809916	1530239															Outside Hydraulic model
15	BATMAN	RD	PORT MELBOURNE	316795	5809932	1530240															Outside Hydraulic model
1	CRICHTON	AV	PORT MELBOURNE	317557	5810278	1531264		n/a								2.89					Outside Hydraulic model
2	CRICHTON	AV	PORT MELBOURNE	317550	5810246	1531265		n/a								2.743					Outside Hydraulic model
3	CRICHTON	AV	PORT MELBOURNE	317567	5810277	1531266		n/a								2.89					Outside Hydraulic model
4	CRICHTON	AV	PORT MELBOURNE	317562	5810245	1531267		n/a								2.743					Outside Hydraulic model
5	CRICHTON	AV	PORT MELBOURNE	317577	5810276	1531268		n/a								2.898					Outside Hydraulic model
6	CRICHTON	AV	PORT MELBOURNE	317571	5810244	1531269		n/a								2.699					Outside Hydraulic model
7	CRICHTON	AV	PORT MELBOURNE	317587	5810275	1531270		n/a								2.898					Outside Hydraulic model
8	CRICHTON	AV	PORT MELBOURNE	317581	5810243	1531271		n/a								2.699					Outside Hydraulic model
2	CUMBERLAND	RD	PORT MELBOURNE	316931	5809856	1531427		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
4	CUMBERLAND	RD	PORT MELBOURNE	316923	5809870	1531428		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
6	CUMBERLAND	RD	PORT MELBOURNE	316915	5809882	1531429		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
8	CUMBERLAND	RD	PORT MELBOURNE	316905	5809892	1531430		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
10	CUMBERLAND	RD	PORT MELBOURNE	316903	5809906	1531431		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
12	CUMBERLAND	RD	PORT MELBOURNE	316904	5809922	1531432		2.5	2.45	2.40	1.80	0.7	0.0	0.00						1	
75	DUNSTAN	PDE	PORT MELBOURNE	317011	5810066	1531669		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
77	DUNSTAN	PDE	PORT MELBOURNE	317024	5810064	1531670		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
79	DUNSTAN	PDE	PORT MELBOURNE	317036	5810064	1531671		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.142	0.49	0.64	0.94	1	
81	DUNSTAN	PDE	PORT MELBOURNE	317046	5810063	1531672		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.142	0.49	0.64	0.94	1	
83	DUNSTAN	PDE	PORT MELBOURNE	317058	5810062	1531673		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
85	DUNSTAN	PDE	PORT MELBOURNE	317071	5810061	1531674		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
87	DUNSTAN	PDE	PORT MELBOURNE	317084	5810060	1531675		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
89	DUNSTAN	PDE	PORT MELBOURNE	317094	5810059	1531676		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
91	DUNSTAN	PDE	PORT MELBOURNE	317107	5810057	1531677		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
93	DUNSTAN	PDE	PORT MELBOURNE	317116	5810057	1531678		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
95	DUNSTAN	PDE	PORT MELBOURNE	317127	5810055	1531679		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
97	DUNSTAN	PDE	PORT MELBOURNE	317139	5810054	1531680		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
99	DUNSTAN	PDE	PORT MELBOURNE	317151	5810054	1531681		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
101	DUNSTAN	PDE	PORT MELBOURNE	317163	5810053	1531682		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
103	DUNSTAN	PDE	PORT MELBOURNE	317174	5810052	1531683		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
105	DUNSTAN	PDE	PORT MELBOURNE	317184	5810051	1531684		2.7	2.50	2.45	2.20	0.5	0.4	0.18						1	
107	DUNSTAN	PDE	PORT MELBOURNE	317196	5810049	1531685		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.094	0.44	0.59	0.89	1	
109	DUNSTAN	PDE	PORT MELBOURNE	317209	5810049	1531686		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.094	0.44	0.59	0.89	1	
111	DUNSTAN	PDE	PORT MELBOURNE	317222	5810048	1531687		2.7	2.50	2.45	2.20	0.5	0.4	0.18		4.094	1.44	1.59	1.89	1	
113	DUNSTAN	PDE	PORT MELBOURNE	317234	5810047	1531688		2.7	2.50	2.45	2.20	0.5	0.4	0.18		5.094	2.44	2.59	2.89	1	

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name : Rosny Street Drain
Municipality : Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
115	DUNSTAN	PDE	PORT MELBOURNE	317246	5810045	1531689		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.035	0.39	0.54	0.64	1	
117	DUNSTAN	PDE	PORT MELBOURNE	317257	5810044	1531690		2.7	2.50	2.45	2.20	0.5	0.4	0.18		3.035	0.39	0.54	0.64	1	
118	DUNSTAN	PDE	PORT MELBOURNE	317249	5810013	1531691		2.7	2.50	2.45	2.20	0.5	0.4	0.18		2.9	0.25	0.40	0.70	1	
1	EDINA	AV	PORT MELBOURNE	316994	5809937	1531695		2.5	2.45	2.40	2.00	0.5	0.0	0.00						1	
3	EDINA	AV	PORT MELBOURNE	316994	5809951	1531696		2.5	2.45	2.40	2.00	0.5	1.0	0.50	2					1	
5	EDINA	AV	PORT MELBOURNE	316995	5809963	1531697		2.5	2.45	2.40	2.00	0.5	2.0	1.00	3					1	
7	EDINA	AV	PORT MELBOURNE	316997	5809975	1531698		2.5	2.45	2.40	2.00	0.5	3.0	1.50	3					1	
9	EDINA	AV	PORT MELBOURNE	316998	5809985	1531699		2.5	2.45	2.40	2.00	0.5	4.0	2.00	3					1	
11	EDINA	AV	PORT MELBOURNE	316998	5809998	1531700		2.5	2.45	2.40	2.00	0.5	5.0	2.50	3					1	
13	EDINA	AV	PORT MELBOURNE	316999	5810012	1531701		2.5	2.45	2.40	2.00	0.5	6.0	3.00	3					1	
15	EDINA	AV	PORT MELBOURNE	317002	5810026	1531702		2.5	2.45	2.40	2.00	0.5	0.4	0.20	1	3.012	0.51	0.56	1.01	1	
1	EDWARDS	AV	PORT MELBOURNE	317153	5810155	1531703		2.9	2.70	2.65	2.60	0.3	0.4	0.12						1	
3	EDWARDS	AV	PORT MELBOURNE	317165	5810165	1531704		2.9	2.70	2.65	2.60	0.3	0.4	0.12						1	
5	EDWARDS	AV	PORT MELBOURNE	317174	5810171	1531705		2.9	2.70	2.65	2.60	0.3	0.4	0.12		3.209	0.31	0.51	0.61	1	
7	EDWARDS	AV	PORT MELBOURNE	317183	5810176	1531706		2.9	2.70	2.65	2.60	0.3	0.4	0.12	1	3.209	0.30	0.51	0.61	1	
9	EDWARDS	AV	PORT MELBOURNE	317194	5810180	1531707		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1	3.236	0.33	0.54	0.64	1	
11	EDWARDS	AV	PORT MELBOURNE	317204	5810183	1531708		2.9	2.70	2.65	2.6	0.3	0.4	0.12						1	
13	EDWARDS	AV	PORT MELBOURNE	317213	5810186	1531709		2.9	2.70	2.65	2.6	0.3	0.4	0.12						1	
15	EDWARDS	AV	PORT MELBOURNE	317223	5810189	1531710		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
17	EDWARDS	AV	PORT MELBOURNE	317232	5810191	1531711		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
19	EDWARDS	AV	PORT MELBOURNE	317242	5810194	1531712		2.9	2.70	2.65	2.6	0.3	0.4	0.12						1	
21	EDWARDS	AV	PORT MELBOURNE	317252	5810197	1531713		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
23	EDWARDS	AV	PORT MELBOURNE	317263	5810199	1531714		2.9	2.70	2.65	2.4	0.5	0.4	0.20	1					1	
25	EDWARDS	AV	PORT MELBOURNE	317273	5810201	1531715		2.9	2.70	2.65	2.4	0.5	0.4	0.20	1					1	
27	EDWARDS	AV	PORT MELBOURNE	317281	5810203	1531716		2.9	2.70	2.65	2.4	0.5	0.4	0.20	1					1	
29	EDWARDS	AV	PORT MELBOURNE	317307	5810211	1531717		2.9	2.70	2.65	2.4	0.5	0.4	0.20	1					1	
30	EDWARDS	AV	PORT MELBOURNE	317314	5810179	1531718		2.9	2.70	2.65	2.4	0.5	0.4	0.20	1					1	
31	EDWARDS	AV	PORT MELBOURNE	317316	5810213	1531719		2.9	2.70	2.65	2.5	0.4	0.4	0.16						1	
32	EDWARDS	AV	PORT MELBOURNE	317328	5810183	1531720		2.9	2.70	2.65	2.5	0.4	0.4	0.16	1					1	
33	EDWARDS	AV	PORT MELBOURNE	317327	5810215	1531721		2.9	2.70	2.65	2.5	0.4	0.4	0.16	1					1	
34	EDWARDS	AV	PORT MELBOURNE	317338	5810185	1531722		2.9	2.70	2.65	2.5	0.4	0.4	0.16	1					1	
35	EDWARDS	AV	PORT MELBOURNE	317340	5810217	1531723		2.9	2.70	2.65	2.5	0.4	0.4	0.16	1					1	
36	EDWARDS	AV	PORT MELBOURNE	317348	5810184	1531724		2.9	2.70	2.65	2.6	0.3	0.4	0.12						1	
37	EDWARDS	AV	PORT MELBOURNE	317350	5810218	1531725		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
38	EDWARDS	AV	PORT MELBOURNE	317359	5810183	1531726		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
39	EDWARDS	AV	PORT MELBOURNE	317361	5810216	1531727		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
40	EDWARDS	AV	PORT MELBOURNE	317369	5810183	1531728		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
41	EDWARDS	AV	PORT MELBOURNE	317371	5810215	1531729		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
42	EDWARDS	AV	PORT MELBOURNE	317379	5810182	1531730		2.9	2.70	2.65	2.6	0.3	0.4	0.12						1	
43	EDWARDS	AV	PORT MELBOURNE	317381	5810214	1531731		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
44	EDWARDS	AV	PORT MELBOURNE	317390	5810181	1531732		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
45	EDWARDS	AV	PORT MELBOURNE	317392	5810213	1531733		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
46	EDWARDS	AV	PORT MELBOURNE	317399	5810180	1531734		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
47	EDWARDS	AV	PORT MELBOURNE	317402	5810212	1531735		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
48	EDWARDS	AV	PORT MELBOURNE	317410	5810179	1531736		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
49	EDWARDS	AV	PORT MELBOURNE	317412	5810211	1531737		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
50	EDWARDS	AV	PORT MELBOURNE	317420	5810178	1531738		2.9													
51	EDWARDS	AV	PORT MELBOURNE	317423	5810211	1531739		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1					1	
52	EDWARDS	AV	PORT MELBOURNE	317429	5810177	1531740		2.9													
53	EDWARDS	AV	PORT MELBOURNE	317433	5810210	1531741		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1	3.223	0.32	0.52	0.62	1	
54	EDWARDS	AV	PORT MELBOURNE	317533	5810169	1531742		2.9								2.725					
55	EDWARDS	AV	PORT MELBOURNE	317442	5810209	1531743		2.9	2.70	2.65	2.6	0.3	0.4	0.12	1	3.223	0.32	0.52	0.62	1	
56	EDWARDS	AV	PORT MELBOURNE	317544	5810169	1531744		n/a								2.725					
57	EDWARDS	AV	PORT MELBOURNE	317539	5810201	1531745		n/a								2.732					Outside Hydraulic model
58	EDWARDS	AV	PORT MELBOURNE	317554	5810168	1531746		n/a								2.682					Outside Hydraulic model
59	EDWARDS	AV	PORT MELBOURNE	317551	5810199	1531747		n/a								2.732					Outside Hydraulic model
60	EDWARDS	AV	PORT MELBOURNE	317564	5810167	1531748		n/a								2.682					Outside Hydraulic model
61	EDWARDS	AV	PORT MELBOURNE	317561	5810199	1531749		n/a								2.694					Outside Hydraulic model
62	EDWARDS	AV	PORT MELBOURNE	317574	5810166	1531750		n/a								2.644					Outside Hydraulic model
63	EDWARDS	AV	PORT MELBOURNE	317572	5810198	1531751		n/a								2.694					Outside Hydraulic model

Melbourne Water Catchment : Port Phillip Catchment
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Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
64	EDWARDS	AV	PORT MELBOURNE	317587	5810165	1531752		n/a								2.644					Outside Hydraulic model
65	EDWARDS	AV	PORT MELBOURNE	317582	5810197	1531753		n/a								2.701					Outside Hydraulic model
67	EDWARDS	AV	PORT MELBOURNE	317592	5810196	1531754		n/a								2.701					Outside Hydraulic model
1	GELLIBRAND	RD	PORT MELBOURNE	316966	5809931	1532189															Location unknown
2	GELLIBRAND	RD	PORT MELBOURNE	317003	5809899	1532190		2.5	2.45	2.4	2	0.5	0	0.00		2.711	0.21	0.26	0.71	1	
3	GELLIBRAND	RD	PORT MELBOURNE	316985	5809929	1532191		2.5	2.45	2.4	2	0.5	0	0.00		2.761	0.26	0.31	0.76	1	
4	GELLIBRAND	RD	PORT MELBOURNE	317022	5809894	1532192		2.5	2.45	2.4	2	0.5	0	0.00		2.697	0.20	0.25	0.70	1	
6	GELLIBRAND	RD	PORT MELBOURNE	317034	5809893	1532193		2.5	2.45	2.4	2	0.5	0	0.00	1	2.697	0.20	0.25	0.70	1	
8	GELLIBRAND	RD	PORT MELBOURNE	317046	5809892	1532194		2.5	2.45	2.4	2	0.5	0	0.00		2.583	0.08	0.13	0.58	1	
10	GELLIBRAND	RD	PORT MELBOURNE	317059	5809891	1532195		2.5	2.45	2.4	2	0.5	0	0.00		2.583	0.08	0.13	0.58	1	
12	GELLIBRAND	RD	PORT MELBOURNE	317072	5809890	1532196		2.5	2.45	2.4	2	0.5	0	0.00		2.715	0.22	0.27	0.72	1	
14	GELLIBRAND	RD	PORT MELBOURNE	317084	5809889	1532197		2.5	2.45	2.4	2	0.5	0	0.00		2.715	0.22	0.27	0.72	1	
16	GELLIBRAND	RD	PORT MELBOURNE	317097	5809888	1532198		2.5	2.45	2.4	2	0.5	0	0.00	1	2.726	0.23	0.28	0.73	1	
18	GELLIBRAND	RD	PORT MELBOURNE	317108	5809887	1532199		2.6	2.46	2.41	2	0.6	0.1	0.06	1	2.726	0.17	0.27	0.73	1	
20	GELLIBRAND	RD	PORT MELBOURNE	317117	5809890	1532200		2.6	2.46	2.41	2	0.6	0.1	0.06		2.686	0.12	0.23	0.69	1	
22	GELLIBRAND	RD	PORT MELBOURNE	317128	5809897	1532201		2.6	2.46	2.41	2	0.6	0.1	0.06		2.686	0.11	0.23	0.69	1	
24	GELLIBRAND	RD	PORT MELBOURNE	317137	5809904	1532202		2.6	2.46	2.41	2	0.6	0.1	0.06	1	2.644	0.06	0.18	0.64	1	
26	GELLIBRAND	RD	PORT MELBOURNE	317147	5809913	1532203		2.6	2.47	2.42	2	0.6	0.1	0.06	1	2.644	0.06	0.17	0.64	1	
28	GELLIBRAND	RD	PORT MELBOURNE	317157	5809921	1532204		2.6	2.47	2.42	2	0.6	0.1	0.06	1	2.764	0.17	0.29	0.76	1	
30	GELLIBRAND	RD	PORT MELBOURNE	317166	5809928	1532205		2.6	2.48	2.43	2	0.6	0.2	0.12		2.764	0.17	0.28	0.76	1	
32	GELLIBRAND	RD	PORT MELBOURNE	317175	5809934	1532206		2.6	2.48	2.43	2	0.6	0.2	0.12		2.754	0.16	0.27	0.75	1	
34	GELLIBRAND	RD	PORT MELBOURNE	317183	5809941	1532207		2.6	2.49	2.44	2	0.6	0.2	0.12	1	2.754	0.16	0.26	0.75	1	
36	GELLIBRAND	RD	PORT MELBOURNE	317192	5809947	1532208		2.6	2.49	2.44	2.1	0.5	0.2	0.10	1	2.677	0.06	0.19	0.58	1	
38	GELLIBRAND	RD	PORT MELBOURNE	317201	5809955	1532209		2.6	2.5	2.45	2.2	0.4	0.2	0.08	1	2.677	0.06	0.18	0.48	1	
40	GELLIBRAND	RD	PORT MELBOURNE	317210	5809963	1532210		2.6	2.5	2.45	2.2	0.4	0.3	0.12		2.712	0.11	0.21	0.51	1	
42	GELLIBRAND	RD	PORT MELBOURNE	317220	5809971	1532211		2.6	2.5	2.45	2.2	0.4	0.3	0.12	1	2.712	0.11	0.21	0.51	1	
44	GELLIBRAND	RD	PORT MELBOURNE	317228	5809977	1532212		2.6	2.51	2.46	2.2	0.4	0.4	0.16		2.957	0.35	0.45	0.76	1	
46	GELLIBRAND	RD	PORT MELBOURNE	317235	5809959	1532213		2.6	2.52	2.47	2.2	0.4	0.4	0.17		2.957	0.33	0.44	0.76	1	
48	GELLIBRAND	RD	PORT MELBOURNE	317239	5810007	1532214		2.6	2.53	2.48	2.2	0.4	0.4	0.18		2.9	0.26	0.37	0.70	1	
	GELLIBRAND	RD	PORT MELBOURNE					2.5	2.45	2.4						2.624	0.12	0.17	2.62	1	Clubroom, JUIJER RES
308	HOWE	PDE	PORT MELBOURNE	316924	5810109	1532555															
310	HOWE	PDE	PORT MELBOURNE	316937	5810109	1532556															
312	HOWE	PDE	PORT MELBOURNE	316949	5810108	1532557															
314	HOWE	PDE	PORT MELBOURNE	316958	5810107	1532558															
316	HOWE	PDE	PORT MELBOURNE	316969	5810105	1532559															
318	HOWE	PDE	PORT MELBOURNE	316979	5810104	1532560		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
320	HOWE	PDE	PORT MELBOURNE	316989	5810104	1532561		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
322	HOWE	PDE	PORT MELBOURNE	317002	5810103	1532562		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
324	HOWE	PDE	PORT MELBOURNE	317015	5810101	1532563		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
326	HOWE	PDE	PORT MELBOURNE	317027	5810100	1532564		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
328	HOWE	PDE	PORT MELBOURNE	317039	5810100	1532565		2.9	2.7	2.65	2.4	0.5	0.3	0.1566		3.094	0.17	0.39	0.69	1	
329	HOWE	PDE	PORT MELBOURNE	317073	5810160	1532566		2.9	2.7	2.65	2.4	0.5	0.4	0.21	1					1	
330	HOWE	PDE	PORT MELBOURNE	317049	5810099	1532567		2.9	2.7	2.65	2.4	0.5	0.3	0.1434	1	3.094	0.22	0.39	0.69	1	
331	HOWE	PDE	PORT MELBOURNE	317087	5810159	1532568		2.9	2.7	2.65	2.4	0.5	0.3	0.156	1	2.722	-0.20	0.02	0.32	2	
332	HOWE	PDE	PORT MELBOURNE	317062	5810097	1532569		2.8	2.65	2.55	2.4	0.4	0.3	0.1128	1	2.986	0.21	0.34	0.59	1	
333	HOWE	PDE	PORT MELBOURNE	317099	5810157	1532570		2.9	2.7	2.65	2.4	0.5	0.3	0.1548	1	2.722	-0.19	0.02	0.32	2	
334	HOWE	PDE	PORT MELBOURNE	317073	5810097	1532571		2.7	2.65	2.55	2.4	0.3	0.3	0.0999	1	2.986	0.25	0.34	0.59	1	
335	HOWE	PDE	PORT MELBOURNE	317109	5810157	1532572		2.9	2.7	2.65	2.4	0.5	0.3	0.1542	1	2.785	-0.13	0.09	0.39	2	
336	HOWE	PDE	PORT MELBOURNE	317086	5810096	1532573		2.8	2.65	2.55	2.4	0.4	0.3	0.1083	1	2.97	0.21	0.32	0.57	1	
337	HOWE	PDE	PORT MELBOURNE	317119	5810156	1532574		2.9	2.7	2.65	2.4	0.5	0.3	0.1533	1	2.785	-0.13	0.09	0.39	2	
338	HOWE	PDE	PORT MELBOURNE	317098	5810095	1532575		2.8	2.7	2.65	2.4	0.4	0.3	0.1161	1	2.97	0.18	0.27	0.57	1	
339	HOWE	PDE	PORT MELBOURNE	317128	5810156	1532576		2.9	2.7	2.65	2.4	0.5	0.3	0.1527	1	2.912	0.00	0.21	0.51	1	
340	HOWE	PDE	PORT MELBOURNE	317110	5810094	1532577		2.8	2.65	2.55	2.4	0.4	0.3	0.1236	1	3.075	0.26	0.43	0.68	1	
341	HOWE	PDE	PORT MELBOURNE	317139	5810154	1532578		2.9	2.7	2.65	2.4	0.5	0.3	0.1518	1	2.912	0.01	0.21	0.51	1	
342	HOWE	PDE	PORT MELBOURNE	317120	5810093	1532579		2.8	2.65	2.55	2.4	0.4	0.3	0.1302	1	3.075	0.24	0.43	0.68	1	
344	HOWE	PDE	PORT MELBOURNE	317130	5810092	1532580		2.9	2.65	2.55	2.4	0.5	0.3	0.1368	1	3.122	0.27	0.47	0.72	1	
346	HOWE	PDE	PORT MELBOURNE	317142	5810091	1532581		2.9	2.65	2.55	2.4	0.5	0.3	0.1443	1	3.122	0.24	0.47	0.72	1	
348	HOWE	PDE	PORT MELBOURNE	317154	5810090	1532582		2.9	2.65	2.55	2.4	0.5	0.3	0.1443	1					1	
350	HOWE	PDE	PORT MELBOURNE	317166	5810089	1532583		2.9	2.65	2.55	2.4	0.5	0.3	0.1455	1	3.132	0.25	0.46	0.73	1	
352	HOWE	PDE	PORT MELBOURNE	317177	5810088	1532584		2.9	2.65	2.55	2.4	0.5	0.3	0.1455	1					1	

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name : Rosny Street Drain
Municipality : Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
354	HOWE	PDE	PORT MELBOURNE	317188	5810088	1532585		2.9	2.65	2.55	2.4	0.5	0.3	0.1389		3.135	0.27	0.49	0.74	1	
356	HOWE	PDE	PORT MELBOURNE	317198	5810087	1532586		2.9	2.65	2.55	2.4	0.5	0.3	0.1389						1	
358	HOWE	PDE	PORT MELBOURNE	317213	5810085	1532587		2.9	2.65	2.55	2.4	0.5	0.3	0.1389						1	
360	HOWE	PDE	PORT MELBOURNE	317226	5810084	1532588		2.9	2.65	2.55	2.4	0.5	0.3	0.1389						1	
362	HOWE	PDE	PORT MELBOURNE	317238	5810083	1532589		2.9	2.65	2.55	2.4	0.5	0.3	0.1389						1	
364	HOWE	PDE	PORT MELBOURNE	317249	5810082	1532590		2.9	2.65	2.55	2.4	0.5	0.3	0.1389						1	
366	HOWE	PDE	PORT MELBOURNE	317260	5810081	1532591														1	
367	HOWE	PDE	PORT MELBOURNE	317310	5810139	1532592		2.8	2.65	2.55	2.4	0.4	0.3	0.1332							
368	HOWE	PDE	PORT MELBOURNE	317274	5810080	1532593														1	
369	HOWE	PDE	PORT MELBOURNE	317322	5810140	1532594		2.8	2.65	2.55	2.4	0.4	0.3	0.1332							
370	HOWE	PDE	PORT MELBOURNE	317332	5810077	1532595														1	
371	HOWE	PDE	PORT MELBOURNE	317333	5810139	1532596		2.8	2.65	2.55	2.4	0.4	0.3	0.1332		2.986	0.14	0.34	0.59	1	
372	HOWE	PDE	PORT MELBOURNE	317348	5810076	1532597															
373	HOWE	PDE	PORT MELBOURNE	317343	5810137	1532598		2.8	2.65	2.55	2.4	0.4	0.3	0.1332		2.986	0.14	0.34	0.59	1	
374	HOWE	PDE	PORT MELBOURNE	317362	5810074	1532599										3.055					
375	HOWE	PDE	PORT MELBOURNE	317354	5810136	1532600		2.8	2.65	2.55	2.4	0.4	0.3	0.1335		2.974	0.13	0.32	0.57	1	
377	HOWE	PDE	PORT MELBOURNE	317364	5810136	1532602		2.8	2.65	2.55	2.4	0.4	0.3	0.1338		2.974	0.13	0.32	0.57	1	
381	HOWE	PDE	PORT MELBOURNE	317385	5810135	1532606															
1	HYGEIA	ST	PORT MELBOURNE	316917	5809971	1532616		2.5	2.45	2.40	2	0.5	0	0						1	
2	HYGEIA	ST	PORT MELBOURNE	316941	5809959	1532617		2.5	2.45	2.40	2	0.5	0	0						1	
3	HYGEIA	ST	PORT MELBOURNE	316920	5809990	1532618		2.5	2.45	2.40	2	0.5	0	0						1	
4	HYGEIA	ST	PORT MELBOURNE	316955	5809968	1532619		2.5	2.45	2.40	2	0.5	0	0						1	
5	HYGEIA	ST	PORT MELBOURNE	316929	5809998	1532620		2.5	2.45	2.40	2	0.5	0	0						1	
6	HYGEIA	ST	PORT MELBOURNE	316961	5809981	1532621		2.5	2.45	2.40	2	0.5	0	0						1	
7	HYGEIA	ST	PORT MELBOURNE	316941	5810001	1532622		2.5	2.45	2.40	2	0.5	0	0						1	
8	HYGEIA	ST	PORT MELBOURNE	316956	5809994	1532623		2.5	2.45	2.40	2	0.5	0	0						1	
2	LEITH	CR	PORT MELBOURNE	317053	5810165	1532751		2.9	2.70	2.65	2.40	0.5	0.4	0.21		3.01	0.08	0.31	0.61	1	
4	LEITH	CR	PORT MELBOURNE	317054	5810183	1532752		2.9	2.70	2.65	2.40	0.5	0.0	0.00		3.052	0.12	0.35	0.65	1	
1	PAGE	AV	PORT MELBOURNE	317453	5810125	1533230		n/a													Outside Hydraulic model
2	PAGE	AV	PORT MELBOURNE	317489	5810122	1533231		n/a													Outside Hydraulic model
3	PAGE	AV	PORT MELBOURNE	317455	5810136	1533232		n/a													Outside Hydraulic model
4	PAGE	AV	PORT MELBOURNE	317491	5810133	1533233		n/a													Outside Hydraulic model
6	PAGE	AV	PORT MELBOURNE	317494	5810143	1533235		n/a													Outside Hydraulic model
8	PAGE	AV	PORT MELBOURNE	317497	5810154	1533237		n/a													Outside Hydraulic model
10	PAGE	AV	PORT MELBOURNE	317499	5810165	1533239		n/a													Outside Hydraulic model
12	PAGE	AV	PORT MELBOURNE	317502	5810175	1533241		n/a													Outside Hydraulic model
13	PAGE	AV	PORT MELBOURNE	317468	5810204	1533242		n/a													Outside Hydraulic model
14	PAGE	AV	PORT MELBOURNE	317507	5810201	1533243		n/a													Outside Hydraulic model
15	PAGE	AV	PORT MELBOURNE	317471	5810213	1533244		n/a													Outside Hydraulic model
16	PAGE	AV	PORT MELBOURNE	317508	5810210	1533245		n/a													Outside Hydraulic model
17	PAGE	AV	PORT MELBOURNE	317473	5810222	1533246		n/a													Outside Hydraulic model
18	PAGE	AV	PORT MELBOURNE	317511	5810220	1533247		n/a													Outside Hydraulic model
19	PAGE	AV	PORT MELBOURNE	317476	5810232	1533248		n/a													Outside Hydraulic model
20	PAGE	AV	PORT MELBOURNE	317513	5810230	1533249		n/a													Outside Hydraulic model
22	PAGE	AV	PORT MELBOURNE	317515	5810240	1533251		n/a													Outside Hydraulic model
24	PAGE	AV	PORT MELBOURNE	317518	5810251	1533253		n/a													Outside Hydraulic model
25	PAGE	AV	PORT MELBOURNE	317481	5810262	1533254		n/a													Outside Hydraulic model
26	PAGE	AV	PORT MELBOURNE	317523	5810280	1533255		n/a													Outside Hydraulic model
27	PAGE	AV	PORT MELBOURNE	317484	5810273	1533256		n/a													Outside Hydraulic model
28	PAGE	AV	PORT MELBOURNE	317526	5810291	1533257		n/a													Outside Hydraulic model
29	PAGE	AV	PORT MELBOURNE	317487	5810289	1533258		n/a													Outside Hydraulic model
30	PAGE	AV	PORT MELBOURNE	317528	5810303	1533259		n/a													Outside Hydraulic model
32	PAGE	AV	PORT MELBOURNE	317533	5810320	1533260		n/a													Outside Hydraulic model
1	ROSNY	ST	PORT MELBOURNE	317275	5809973	1533693		2.6	2.50	2.40	2.20	0.4	1.2	0.54		2.89	0.24	0.39	0.69	1	
2	ROSNY	ST	PORT MELBOURNE	317310	5810009	1533694		2.7	2.52	2.42	2.20	0.5	1.2	0.59		2.908	0.22	0.39	0.71	1	
3	ROSNY	ST	PORT MELBOURNE	317275	5809986	1533695		2.7	2.50	2.42	2.20	0.5	1.2	0.56		2.89	0.23	0.39	0.69	1	
4	ROSNY	ST	PORT MELBOURNE	317311	5810024	1533696		2.7	2.55	2.45	2.20	0.5	1.2	0.60		2.971	0.27	0.42	0.77	1	
5	ROSNY	ST	PORT MELBOURNE	317280	5810004	1533697		2.7	2.55	2.45	2.20	0.5	1.2	0.60						1	
6	ROSNY	ST	PORT MELBOURNE	317312	5810037	1533698		2.7	2.60	2.50	2.20	0.5	1.2	0.63		2.971	0.25	0.37	0.77	1	
7	ROSNY	ST	PORT MELBOURNE	317283	5810049	1533699		2.7	2.60	2.50	2.40	0.3	1.2	0.39						1	

Melbourne Water Catchment : Port Phillip Catchment
Main Drain Name : Rosny Street Drain
Municipality : Port Phillip

Street Number	Street Name		Suburb	Easting	Northing	Rate Reference No.	Property Use	100 yr ARI Flood Level (m AHD)	50 yr ARI Flood Level (m AHD)	20 yr ARI Flood Level (m AHD)	Egress Surf. Level (m AHD)	Egress Depth (m)	Egress Velocity	V*D Product	Floodway Safety Risk Category	Floor Level (m AHD)	100 yr Floor Flood (m)	50 yr Floor Flood (m)	20 yr Floor Flood (m)	Property Flood Risk Category	Comments
301	THEBOULEVARD		PORT MELBOURNE	317087	5809845	1534548		2.5	2.45	2.40	2.00	0.5	0.0	0.00		2.64	0.14	0.19	0.64	1	
303	THEBOULEVARD		PORT MELBOURNE	317099	5809845	1534549		2.5	2.45	2.40	2.00	0.5	0.0	0.00		2.638	0.14	0.19	0.64	1	
305	THEBOULEVARD		PORT MELBOURNE	317112	5809845	1534550		2.5	2.45	2.40	2.00	0.5	0.0	0.00		2.638	0.14	0.19	0.64	1	
307	THEBOULEVARD		PORT MELBOURNE	317126	5809846	1534551		2.5	2.45	2.40	2.00	0.5	0.0	0.00						1	
317	THEBOULEVARD		PORT MELBOURNE	317206	5809849	1534552		2.5	2.45	2.40	2.00	0.5	0.0	0.00						1	
323	THEBOULEVARD		PORT MELBOURNE	317230	5809844	1534553		2.5	2.45	2.40	2.00	0.5	0.0	0.00						1	
325	THEBOULEVARD		PORT MELBOURNE	317252	5809839	1534554		2.5	2.45	2.40	2.00	0.5	0.0	0.00						1	
269	WILLIAMSTOWN	RD	PORT MELBOURNE	316991	5810224	1534747		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
273	WILLIAMSTOWN	RD	PORT MELBOURNE	317022	5810233	1534750		3.0	2.90	2.85	2.60	0.4	0.2	0.08						1	
291	WILLIAMSTOWN	RD	PORT MELBOURNE	317096	5810253	1534760		3.0	2.90	2.85	2.60	0.4	0.2	0.08						1	
296	WILLIAMSTOWN	RD	PORT MELBOURNE	317067	5810196	1534761		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.052	0.11	0.15	0.45	1	
298	WILLIAMSTOWN	RD	PORT MELBOURNE	317081	5810199	1534762		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.164	0.22	0.26	0.56	1	
299	WILLIAMSTOWN	RD	PORT MELBOURNE	317141	5810262	1534763		3.0	2.90	2.85	2.60	0.4	0.2	0.08						1	
300	WILLIAMSTOWN	RD	PORT MELBOURNE	317094	5810202	1534764		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.164	0.22	0.26	0.56	1	
302	WILLIAMSTOWN	RD	PORT MELBOURNE	317103	5810205	1534765		2.9	2.90	2.85	2.60	0.3	0.2	0.07		2.979	0.04	0.08	0.38	1	
304	WILLIAMSTOWN	RD	PORT MELBOURNE	317113	5810207	1534766		2.9	2.90	2.85	2.60	0.3	0.2	0.07		2.979	0.04	0.08	0.38	1	
306	WILLIAMSTOWN	RD	PORT MELBOURNE	317123	5810210	1534767		2.9	2.90	2.85	2.60	0.3	0.2	0.07		2.97	0.03	0.07	0.37	1	
308	WILLIAMSTOWN	RD	PORT MELBOURNE	317133	5810213	1534768		2.9	2.90	2.85	2.60	0.3	0.2	0.07		2.97	0.03	0.07	0.37	1	
310	WILLIAMSTOWN	RD	PORT MELBOURNE	317143	5810216	1534769		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.048	0.11	0.15	0.45	1	
312	WILLIAMSTOWN	RD	PORT MELBOURNE	317153	5810218	1534770		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.048	0.11	0.15	0.45	1	
314	WILLIAMSTOWN	RD	PORT MELBOURNE	317162	5810221	1534771		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.048	0.11	0.15	0.45	1	
316	WILLIAMSTOWN	RD	PORT MELBOURNE	317172	5810223	1534772		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.048	0.11	0.15	0.45	1	
318	WILLIAMSTOWN	RD	PORT MELBOURNE	317182	5810225	1534773		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.13	0.19	0.23	0.53	1	
320	WILLIAMSTOWN	RD	PORT MELBOURNE	317191	5810228	1534774		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.13	0.19	0.23	0.53	1	
322	WILLIAMSTOWN	RD	PORT MELBOURNE	317201	5810230	1534775		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.137	0.20	0.24	0.54	1	
323	WILLIAMSTOWN	RD	PORT MELBOURNE	317180	5810274	1534776		3.0	2.90	2.85	2.60	0.4	0.2	0.08	1					1	
324	WILLIAMSTOWN	RD	PORT MELBOURNE	317210	5810233	1534777		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.137	0.19	0.24	0.54	1	
326	WILLIAMSTOWN	RD	PORT MELBOURNE	317221	5810236	1534778		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.18	0.24	0.28	0.58	1	
328	WILLIAMSTOWN	RD	PORT MELBOURNE	317231	5810239	1534779		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.18	0.24	0.28	0.58	1	
330	WILLIAMSTOWN	RD	PORT MELBOURNE	317241	5810241	1534780		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.24	0.30	0.34	0.64	1	
332	WILLIAMSTOWN	RD	PORT MELBOURNE	317251	5810243	1534782		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.24	0.30	0.34	0.64	1	
334	WILLIAMSTOWN	RD	PORT MELBOURNE	317261	5810246	1534783		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1					1	
336	WILLIAMSTOWN	RD	PORT MELBOURNE	317269	5810249	1534784		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
337	WILLIAMSTOWN	RD	PORT MELBOURNE	317248	5810293	1534785		3.0	2.90	2.85	2.60	0.4	0.2	0.08		3.164	0.16	0.26	0.56	1	
338	WILLIAMSTOWN	RD	PORT MELBOURNE	317296	5810255	1534786		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1					1	
339	WILLIAMSTOWN	RD	PORT MELBOURNE	317364	5810320	1534787		3.0	2.90	2.85	2.60	0.4	0.2	0.08	1	2.985	-0.04	0.06	0.37	2	
340	WILLIAMSTOWN	RD	PORT MELBOURNE	317305	5810258	1534788		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1					1	
342	WILLIAMSTOWN	RD	PORT MELBOURNE	317315	5810261	1534789		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
344	WILLIAMSTOWN	RD	PORT MELBOURNE	317325	5810264	1534790		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1					1	
346	WILLIAMSTOWN	RD	PORT MELBOURNE	317335	5810267	1534791		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1					1	
348	WILLIAMSTOWN	RD	PORT MELBOURNE	317345	5810269	1534792		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
350	WILLIAMSTOWN	RD	PORT MELBOURNE	317355	5810272	1534793		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
352	WILLIAMSTOWN	RD	PORT MELBOURNE	317364	5810274	1534794		2.9	2.90	2.85	2.60	0.3	0.2	0.07						1	
354	WILLIAMSTOWN	RD	PORT MELBOURNE	317375	5810277	1534795		2.9	2.90	2.85	2.60	0.3	0.2	0.07		3.396	0.45	0.50	0.80	1	
356	WILLIAMSTOWN	RD	PORT MELBOURNE	317384	5810280	1534796		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.396	0.45	0.50	0.80	1	
370	WILLIAMSTOWN	RD	PORT MELBOURNE	317451	5810298	1534803		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.359	0.42	0.46	0.76	1	
372	WILLIAMSTOWN	RD	PORT MELBOURNE	317463	5810301	1534804		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.359	0.42	0.46	0.76	1	
378	WILLIAMSTOWN	RD	PORT MELBOURNE	317552	5810323	1534806		2.9	2.90	2.85	2.60	0.3	0.2	0.07	1	3.459	0.52	0.56	0.86	1	
380	WILLIAMSTOWN	RD	PORT MELBOURNE	317563	5810327	1534807										3.459					