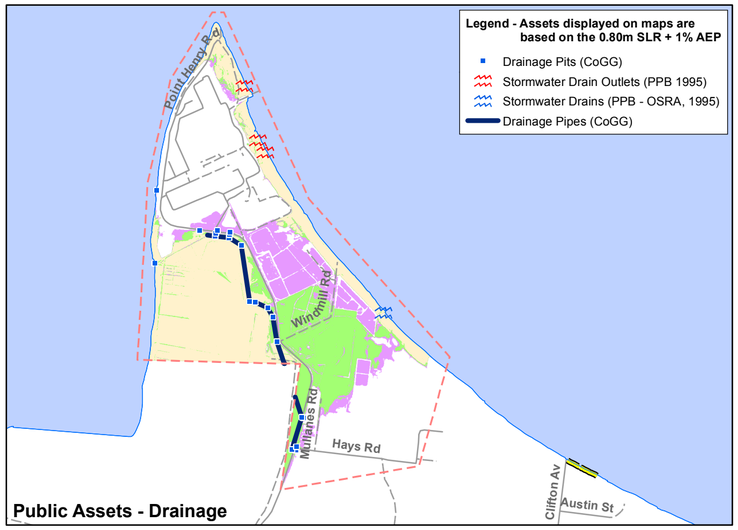

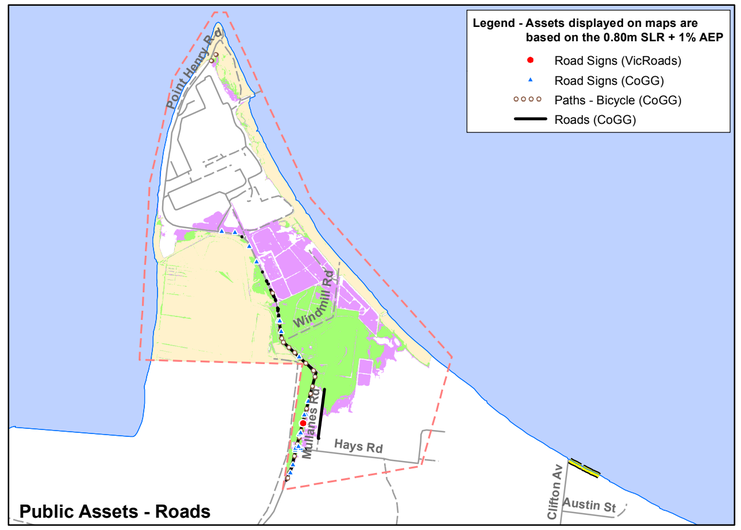

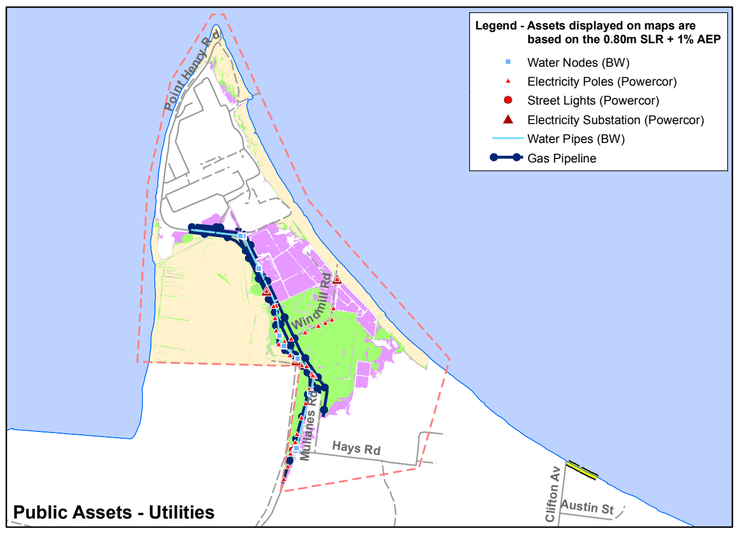

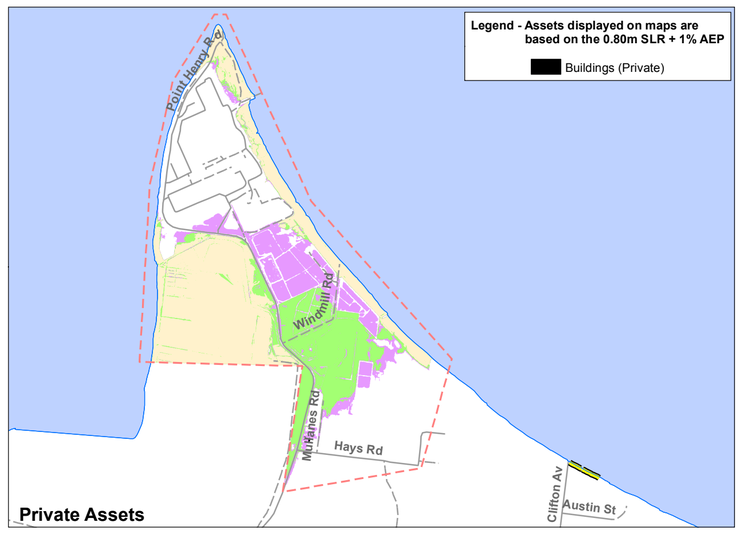

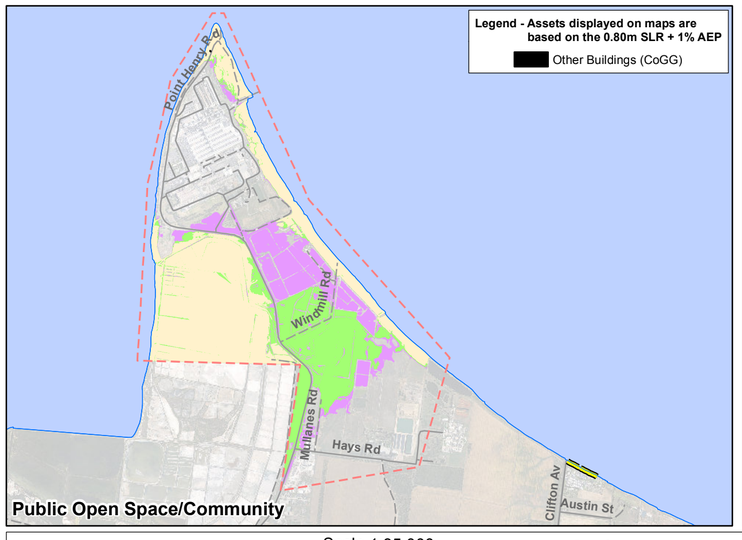

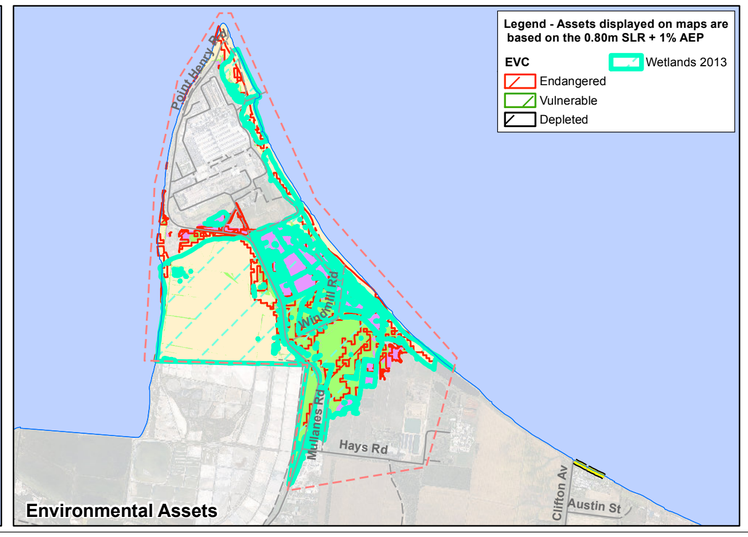

Summary of Assets within Point Henry

Public Assets - Drainage

Assets located within 0.20m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) =	1059
Drainage Pits (CoGG) - Number =	8
Stormwater Drain Outlets (PPB 1995) - Number =	3
Stormwater Drains (PPB - OSRA, 1995) - Number =	1

Assets located within 0.50m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) =	1807
Drainage Pits (CoGG) - Number =	18
Stormwater Drain Outlets (PPB 1995) - Number =	3
Stormwater Drains (PPB - OSRA, 1995) - Number =	1

Assets located within 0.80m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) =	1820
Drainage Pits (CoGG) - Number =	21
Stormwater Drain Outlets (PPB 1995) - Number =	3
Stormwater Drains (PPB - OSRA, 1995) - Number =	1

Public Assets - Roads

Assets located within 0.20m SLR +1% AEP:

Paths - Bicycle (CoGG) - Length (m) =	61

Assets located within 0.50m SLR +1% AEP:

Paths - Bicycle (CoGG) - Length (m) =	836
Road Signs (CoGG) - Number =	13
Road Signs (VicRoads) - Number =	2
Roads (CoGG) - Length (m) =	999

Assets located within 0.80m SLR +1% AEP:

Paths - Bicycle (CoGG) - Length (m) =	1556
Road Signs (CoGG) - Number =	30
Road Signs (VicRoads) - Number =	2
Roads (CoGG) - Length (m) =	1939

Public Assets - Utilities

Assets located within 0.20m SLR +1% AEP:

Electricity Poles (Powercor) - Number =	2
Electricity Substation (Powercor) - Number =	1
Gas Pipeline - Length (m) =	447

Assets located within 0.50m SLR +1% AEP:

Electricity Poles (Powercor) - Number =	25
Electricity Substation (Powercor) - Number =	2
Gas Pipeline - Length (m) =	3812
Street Lights (Powercor) - Number =	1
Water Nodes (Barwon Water) - Number =	9
Water Pipes (Barwon Water) - Length (m) =	1016

Assets located within 0.80m SLR +1% AEP:

Electricity Poles (Powercor) - Number =	31
Electricity Substation (Powercor) - Number =	3
Gas Pipeline - Length (m) =	6018
Street Lights (Powercor) - Number =	1
Water Nodes (Barwon Water) - Number =	20
Water Pipes (Barwon Water) - Length (m) =	2210

Private Assets

Assets located within 0.80m SLR +1% AEP:

Buildings (Private) - Area (ha) =	0.02
Buildings (Private) - Number =	3

Public Open Space and Community Assets

Assets located within 0.20m SLR +1% AEP:

Other Buildings (CoGG) - Number =	1

Assets located within 0.50m SLR +1% AEP:

Other Buildings (CoGG) - Number =	1

Assets located within 0.80m SLR +1% AEP:

Other Buildings (CoGG) - Number =	1

Environmental Assets

Assets located within 0.20m SLR +1% AEP:

EVC Count Area - Number =	26
EVC Count Area (ha) =	21.02
Wetland Area (ha) =	99.32

Assets located within 0.50m SLR +1% AEP:

EVC Count Area - Number =	40
EVC Count Area (ha) =	45.25
Wetland Area (ha) =	158.44

Assets located within 0.80m SLR +1% AEP:

EVC Count Area - Number =	53
EVC Count Area (ha) =	62.68
Wetland Area (ha) =	200.83

Breakdown by EVC:

Located within 0.20m SLR +1% AEP:

EVC	Count	Area (ha)
302	11	5.67
858	15	15.35

Located within 0.50m SLR +1% AEP:

EVC	Count	Area (ha)
302	17	15.28
858	23	29.98

Located within 0.80m SLR +1% AEP:

EVC	Count	Area (ha)
302	19	19.54
858	34	43.16

Point Henry Total Area = 412.15 ha

Glossary

ABR - Australian Business Register
AEP - Annual Exceedence Probability (1% AEP correlates to a 1 in 100 year event)
BW - Barwon Water
CCMA - Corangamite Catchment Management Authority
CoGG - City of Greater Geelong
EVC - Ecological Vegetation Classes
LCHA - Local Coastal Hazard Assessment
LGA - Local Government Area
SLR - Sea Level Rise

Micro Location within LCHA Compartment

LCHA Study Area

Legend

Assets displayed on maps are based on the 0.80m SLR + 1% AEP

- Point Henry Area Boundary
- Coastal Protection Structure (Seawall) - Public
- Coastal Protection Structure (Seawall) - Private
- LCHA 1% AEP + 0.20m SLR - Static Model
- LCHA 1% AEP + 0.50m SLR - Static Model
- LCHA 1% AEP + 0.80m SLR - Static Model
- Shoreline - LCHA (based on erosion scarp)

a.s.miner geotechnical Consulting Engineers

Map Printed: 23 May 2016
Filename: 939_6.4_Point_Henry_20160519

Scale 1:35,000
(at A2 page size)
0 500 1,000
Metres

N

Projection: Horizontal: GDA94
Vertical: AHD
Datum: UTM Zone 55

Data Sources:
State Government of Victoria
City of Greater Geelong
Cardno - LCHA Inundation Data
Barwon Water
Powercor
CCMA

Disclaimer:
While every care has been taken in the preparation of this map and the data upon which it is based, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result, the City of Greater Geelong, the State Government of Victoria, A.S. Miner Geotechnical and their respective employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this document.

City of Greater Geelong · Corangamite CMA · Bellarine Bayside Coastal Management · Barwon Coast · Victoria State Government

Point Henry

Map 6.4

LCHA Coastal Inundation and Asset Location