

Summary of Assets within Barwon Heads

Public Assets - Drainage

Assets located within 0.20m SLR +1% AEP:	
Drainage Pipes (CoGG) - Length (m) =	41
Drainage Pits (CoGG) - Number =	5
Assets located within 0.50m SLR +1% AEP:	
Drainage Pipes (CoGG) - Length (m) =	110
Drainage Pits (CoGG) - Number =	8
Assets located within 0.80m SLR +1% AEP:	
Drainage Pipes (CoGG) - Length (m) =	948
Drainage Pits (CoGG) - Number =	42

Public Assets - Roads

Assets located within 0.20m SLR +1% AEP:	
Bridges (CoGG) - Length (m) =	253
Paths - Bicycle (CoGG) - Length (m) =	261
Road Signs (CoGG) - Number =	3
Roads (CoGG) - Length (m) =	260
Roads (VicRoads) - Length (m) =	261
Assets located within 0.50m SLR +1% AEP:	
Bridges (CoGG) - Length (m) =	253
Paths - Bicycle (CoGG) - Length (m) =	271
Road Signs (CoGG) - Number =	3
Roads (CoGG) - Length (m) =	325
Roads (VicRoads) - Length (m) =	261
Assets located within 0.80m SLR +1% AEP:	
Bridges (CoGG) - Length (m) =	253
Footpath (CoGG) - Length (m) =	289
Kerb & Channel (CoGG) - Length (m) =	936
Paths - Bicycle (CoGG) - Length (m) =	343
Road Signs (CoGG) - Number =	6
Roads (CoGG) - Length (m) =	1046
Roads (VicRoads) - Length (m) =	261

Public Assets - Utilities

Assets located within 0.20m SLR +1% AEP:	
Electricity Poles (Powercor) - Number =	1
Sewer Pressure Pipes (BW) - Length (m) =	94
Water Nodes (Barwon Water) - Number =	1
Water Pipes (Barwon Water) - Length (m) =	261
Assets located within 0.50m SLR +1% AEP:	
Electricity Poles (Powercor) - Number =	6
Sewer Gravity Pipes (BW) - Length (m) =	174
Sewer Nodes (Barwon Water) - Number =	6
Sewer Pressure Pipes (BW) - Length (m) =	112
Street Lights (Powercor) - Number =	2
Water Nodes (Barwon Water) - Number =	6
Water Pipes (Barwon Water) - Length (m) =	383
Assets located within 0.80m SLR +1% AEP:	
Electricity Poles (Powercor) - Number =	30
Electricity Substation (Powercor) - Number =	1
Sewer Gravity Pipes (BW) - Length (m) =	783
Sewer Nodes (Barwon Water) - Number =	36
Sewer Pressure Pipes (BW) - Length (m) =	285
Street Lights (Powercor) - Number =	11
Water Nodes (Barwon Water) - Number =	18
Water Pipes (Barwon Water) - Length (m) =	1138

Private Assets

Assets located within 0.20m SLR +1% AEP:	
Buildings (Private) - Area (ha) =	0.06
Buildings (Private) - Number =	10
Assets located within 0.50m SLR +1% AEP:	
Buildings (Private) - Area (ha) =	0.47
Buildings (Private) - Number =	51
Business Locations (ABR) - Number =	4
Assets located within 0.80m SLR +1% AEP:	
Buildings (Private) - Area (ha) =	1.25
Buildings (Private) - Number =	131
Business Locations (ABR) - Number =	27

Public Open Space and Community Assets

Assets located within 0.20m SLR +1% AEP:	
Caravan Park - Area (ha) =	0.49
Assets located within 0.50m SLR +1% AEP:	
Caravan Park - Area (ha) =	0.58
Playgrounds (CoGG) - Number =	1
Trails (CoGG) - Number =	1
Assets located within 0.80m SLR +1% AEP:	
Caravan Park - Area (ha) =	0.68
Playgrounds (CoGG) - Number =	1
Trees (CoGG) - Number =	56

Environmental Assets

Assets located within 0.20m SLR +1% AEP:	
EVC Count Area - Number =	9
EVC Count Area (ha) =	15.07
Wetland Area (ha) =	13.78
Assets located within 0.50m SLR +1% AEP:	
EVC Count Area - Number =	10
EVC Count Area (ha) =	15.24
Wetland Area (ha) =	13.82
Assets located within 0.80m SLR +1% AEP:	
EVC Count Area - Number =	11
EVC Count Area (ha) =	15.68
Wetland Area (ha) =	13.84

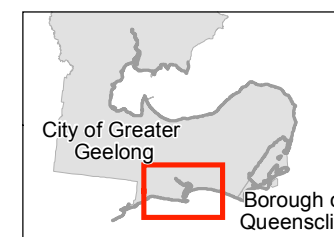
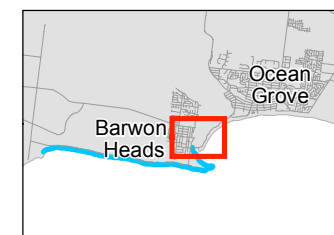
Breakdown by EVC:

Located within 0.20m SLR +1% AEP:	
EVC Count Area (ha)	9
1	0.37
302	1.74
858	6.90
992	12.06
Located within 0.50m SLR +1% AEP:	
EVC Count Area (ha)	131
1	0.37
302	1.76
858	7.103
992	12.09
Located within 0.80m SLR +1% AEP:	
EVC Count Area (ha)	11
1	0.37
302	1.76
858	8.135
992	12.20

Barwon Heads Total Area = 116.08 ha

Glossary

- ABR - Australian Business Register
- AEP - Annual Exceedance Probability (1% AEP correlates to a 1 in 100 year event)
- BCCoM - Barwon Coast Committee of Management
- 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



Legend

- Assets displayed on maps are based on the 0.80m SLR + 1% AEP
- Barwon Heads Area Boundary
 - Water Bodies (1:25K)
 - Coastal Protection Structure (Seawall) - Public
 - Coastal Protection Structure (Seawall) - Private
 - Shoreline - LCHA (based on erosion scarp)
 - LCHA 1% AEP + 0.20m SLR - Dynamic Model
 - LCHA 1% AEP + 0.50m SLR - Dynamic Model
 - LCHA 1% AEP + 0.80m SLR + 10% AEP Flooding - Dynamic Model

Disclaimer:

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