



Summary of Assets within Portarlington Esplanade East

Public Assets - Drainage

Assets located within 0.20m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) = 291
Drainage Pits (CoGG) - Number = 18

Assets located within 0.50m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) = 1277
Drainage Pits (CoGG) - Number = 45

Assets located within 0.80m SLR +1% AEP:

Drainage Pipes (CoGG) - Length (m) = 2056
Drainage Pits (CoGG) - Number = 63

Public Assets - Roads

Assets located within 0.20m SLR +1% AEP:

Boat Ramps (BBCoM) - Number = 1
Car Parks (BBCoM) - Area (ha) = 0.03
Kerb & Channel (CoGG) - Length (m) = 251
North Coast Trail (BBCoM) - Length (m) = 388
Paths - Bicycle (CoGG) - Length (m) = 299
Road Signs (CoGG) - Number = 3
Road Signs (VicRoads) - Number = 2
Roads (CoGG) - Length (m) = 221

Assets located within 0.50m SLR +1% AEP:

Boat Ramps (BBCoM) - Number = 1
Car Parks (BBCoM) - Area (ha) = 0.03
Kerb & Channel (CoGG) - Length (m) = 1161
North Coast Trail (BBCoM) - Length (m) = 1046
Paths - Bicycle (CoGG) - Length (m) = 896
Road Signs (CoGG) - Number = 10
Road Signs (VicRoads) - Number = 4
Roads (CoGG) - Length (m) = 1788

Assets located within 0.80m SLR +1% AEP:

Boat Ramps (BBCoM) - Number = 1
Car Parks (BBCoM) - Area (ha) = 0.03
Kerb & Channel (CoGG) - Length (m) = 1351
North Coast Trail (BBCoM) - Length (m) = 1426
Paths - Bicycle (CoGG) - Length (m) = 1425
Road Signs (CoGG) - Number = 15
Road Signs (VicRoads) - Number = 5
Roads (CoGG) - Length (m) = 3666

Public Assets - Utilities

Assets located within 0.20m SLR +1% AEP:

Electricity Poles (Powercor) - Number = 3
Sewer Gravity Pipes (BW) - Length (m) = 79
Sewer Nodes (BW and BCCoM) - Number = 1
Street Lights (Powercor) - Number = 3
Water Nodes (Barwon Water) - Number = 8
Water Pipes (Barwon Water) - Length (m) = 189

Assets located within 0.50m SLR +1% AEP:

Electricity Poles (Powercor) - Number = 40
Electricity Substation (Powercor) - Number = 2
Sewer Gravity Pipes (BW) - Length (m) = 979
Sewer Nodes (BW and BCCoM) - Number = 18
Street Lights (Powercor) - Number = 17
Water Nodes (Barwon Water) - Number = 22
Water Pipes (Barwon Water) - Length (m) = 1268

Assets located within 0.80m SLR +1% AEP:

Electricity Poles (Powercor) - Number = 73
Electricity Substation (Powercor) - Number = 3
Sewer Gravity Pipes (BW) - Length (m) = 2769
Sewer Nodes (BW and BCCoM) - Number = 54
Street Lights (Powercor) - Number = 34
Water Nodes (Barwon Water) - Number = 39
Water Pipes (Barwon Water) - Length (m) = 2271

Private Assets

Assets located within 0.20m SLR +1% AEP:

Buildings (Private) - Area (ha) = 0.02
Buildings (Private) - Number = 3
Business Locations (ABR) - Number = 3

Assets located within 0.50m SLR +1% AEP:

Buildings (Private) - Area (ha) = 0.74
Buildings (Private) - Number = 81
Business Locations (ABR) - Number = 14

Assets located within 0.80m SLR +1% AEP:

Buildings (Private) - Area (ha) = 2.31
Buildings (Private) - Number = 219
Business Locations (ABR) - Number = 38

Public Open Space and Community Assets

Assets located within 0.50m SLR +1% AEP:

Informal Sport - Area (ha) = 0.44
Trees (CoGG) - Number = 37

Assets located within 0.80m SLR +1% AEP:

Informal Sport - Area (ha) = 2.17
Trees (CoGG) - Number = 95

Environmental Assets

Assets located within 0.20m SLR +1% AEP:

EVC Count Area - Number = 12
EVC Count Area (ha) = 1.46

Assets located within 0.50m SLR +1% AEP:

EVC Count Area - Number = 17
EVC Count Area (ha) = 4.26

Assets located within 0.80m SLR +1% AEP:

EVC Count Area - Number = 19
EVC Count Area (ha) = 12.82

Breakdown by EVC:

Located within 0.20m SLR +1% AEP:

EVC Count Area (ha)
858 12 1.46

Located within 0.50m SLR +1% AEP:

EVC Count Area (ha)
858 17 4.26

Located within 0.80m SLR +1% AEP:

EVC Count Area (ha)
858 19 12.82

Portarlington Esplanade East
Total Area = 122.14 ha

Glossary

ABR - Australian Business Register
AEP - Annual Exceedence Probability (1% AEP correlates to a 1 in 100 year event)
BBCoM - Bellarine Bayside 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

