



Appendix D

Vulnerability Assessment by Shoreline Management Unit

Baird.



D.1 Vulnerability – Erosion

Baird.

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
1	Beach areas	Environmental	Major	Average	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
1	Foreshore Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
1	Harvey Drain	Environmental	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Kooljerrenup Nature Reserve	Environmental	Major	Average	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
1	Herron Point Camping Ground	Social	Moderate	Average	Rare	Unlikely	Possible	Almost Certain	L	M	M	H	L	M	M	H
1	Herron Point Foreshore	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
1	Coastal Pathways / Bridle Paths	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
1	Carpark at Herron Boat Ramp	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
1	Herron Point Boat Ramp	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
1	Herron Point Reserve Camping Ground Toilet / Showers	City Infrastructure	Minor	Poor	Rare	Rare	Unlikely	Possible	L	L	L	M	M	M	M	H
1	Infrastructure (Signage, shelters, fencing)	City Infrastructure	Insignificant	Good	Possible	Likely	Almost Certain	Almost Certain	L	L	M	M	L	L	L	L
1	Herron Point Road, Roads in Campground	City Infrastructure	Moderate	Poor	Rare	Unlikely	Possible	Likely	L	M	M	H	M	H	H	VH

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
2	Beach areas	Environmental	Major	Average	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
2	Foreshore Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
2	Lake McLarty and McLarty Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
2	Lake Mealup and Mealup Point Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
2	Foreshore Reserve at Birchmont Boat Ramp	Social	Moderate	Average	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	M	M	H	H
2	Coastal Pathways / Bridle Paths	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
2	Residential Properties	Private Asset	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
2	Carpark at Birchmont Boat Ramp	City Infrastructure	Moderate	Poor	Rare	Unlikely	Possible	Almost Certain	L	M	M	H	M	H	H	VH
2	Birchmont Boat Ramp	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
2	Infrastructure (signage, fencing, bus shelter)	City Infrastructure	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
2	Drainage features (NOT Impacted by Erosion)	City Infrastructure	Moderate	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
2	Roads (Birch Drive, Mills Rd, Pioneer Place, Numbat Place, Kangaroo Loop)	City Infrastructure	Moderate	Poor	Rare	Rare	Unlikely	Possible	L	L	M	M	M	M	H	H

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
3	Beach area	Environmental	Major	Average	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
3	Foreshore Reserve	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
3	Austin Bay Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
3	Foreshore Reserve	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
3	Coastal Pathways / Bridle Paths	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
3	Residential Properties	Private Asset	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
3	Agricultural Properties	City Infrastructure	Moderate	Poor	Rare	Unlikely	Possible	Almost Certain	L	M	M	H	M	H	H	VH
3	Minor Infrastructure (signage, fencing)	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
3	Drainage features	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
3	Roads (Carabunga Road).	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
4	Beach area - Peel Inlet facing beach Batavia Quays	Environmental	Major	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	E	E	E	H	VH	VH	VH
4	Riverbank - Murray River	Environmental	Major	Average	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
4	Austin Bay Nature Reserve	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
4	Batavia Quays Wetland	Environmental	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
4	Batavia Quays Headland Feature - Acid Sulphate Soil Site	Environmental	Major	Poor	Likely	Almost Certain	Almost Certain	Almost Certain	H	E	E	E	VH	VH	VH	VH
4	South Yunderup Canal Bund - Water Quality Management	Environmental	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
4	Coastal Pathway - Bund in front of South Yunderup canals	City Infrastructure	Moderate	Average	Rare	Rare	Unlikely	Possible	L	L	M	M	L	L	M	M
4	Coastal Pathway - Wellya Crescent Park	City Infrastructure	Moderate	Average	Rare	Rare	Unlikely	Possible	L	L	M	M	L	L	M	M
4	Foreshore Reserve (Tatham Rd, Rivergum Esplanade, Centenary Park)	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
4	Coastal Pathways Murray River (Tatham Rd, Rivergum Esplanade)	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
4	Coastal Pathways Batavia Quays Headland	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
4	Residential Properties South Yunderup Canal Estate	Private Asset	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
4	Residential Properties Placid Bend, Chipper Way, Countess Circuit	Private Asset	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
4	Residential Properties Batavia Quay	Private Asset	Major	Poor	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	VH	VH	VH	VH
4	Residential Properties Warma Way to Young Rd	Private Asset	Major	Poor	Rare	Rare	Unlikely	Possible	L	L	M	H	M	M	H	VH
4	Residential Properties Young Rd to Strain Glen	Private Asset	Major	Poor	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	H	VH	VH	VH
4	Residential Properties Pelican Rd, Banksia Terrace	Private Asset	Major	Poor	Unlikely	Possible	Almost Certain	Almost Certain	M	H	E	E	H	VH	VH	VH
4	Tathams Caravan Park, Murray River Caravan Park	Private Asset	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
4	Jetties and Moorings along River Privately Held	Private Asset	Minor	Average	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
4	Minor Roads (Rivergum Esplanade, Young Rd, Strain Glen, Pelican Rd, Banksia Tce)	City Infrastructure	Moderate	Poor	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	H	H	VH	VH
4	Shire Jetties - Tatham Rd, Pelican Rd, Centenary Park	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
4	Boat Launch - Rivergum Esplanade Foreshore	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
4	Boat Launch - Batavia Quays Launch Facility	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
4	Batavia Quays Club Shed	City Infrastructure	Moderate	Poor	Rare	Rare	Unlikely	Possible	L	L	M	M	M	M	H	H
4	Toilets - Batavia Quays	City Infrastructure	Minor	Poor	Rare	Rare	Unlikely	Possible	L	L	L	M	M	M	M	H
4	Toilets - Pelican Road	City Infrastructure	Minor	Poor	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	M	H	H	H
4	Car Park - Batavia Quays	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
4	Car Park - Rivergum Esplanade Foreshore	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
4	Car Park - Centenary Park	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
4	Car Park - Pelican Road	City Infrastructure	Moderate	Poor	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	H	H	VH	VH
4	Park Furniture - Centenary Park	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
4	Playground Equipment - Centenary Park	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
4	Park Furniture- Wellya Crescent Park	City Infrastructure	Minor	Average	Rare	Rare	Unlikely	Possible	L	L	L	M	L	L	L	M
4	Playground Equipment - Wellya Crescent Park	City Infrastructure	Minor	Average	Rare	Rare	Unlikely	Possible	L	L	L	M	L	L	L	M
4	Park Furniture - Pelican Rd Park	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
4	Playground Equipment - Pelican Rd Park	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
4	Park Furniture- South Yunderup Foreshore	City Infrastructure	Minor	Average	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
4	Footpaths	City Infrastructure	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
4	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Drainage features (pits, pipes, culverts)	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
4	WaterCorp Infrastructure	Utilities	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
5	Beach - Peel Inlet facing beaches on Cooleenup, Meeyip, Ballee, Woolgarook, Yunderup Islands	Environmental	Major	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	E	E	E	H	VH	VH	VH
5	Riverbank - Delta Islands and Murray River	Environmental	Major	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	E	E	E	H	VH	VH	VH
5	Nature Reserve, West end Yunderup Island	Environmental	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
5	Ballee Island Wetland	Environmental	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	Foreshore Pathway - Culeenup Rd east of Towerup St	City Infrastructure	Moderate	Average	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	M	M	H	H
5	Foreshore Reserve - Culeenup Rd east of Towerup St	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
5	Foreshore Reserve - Yunderup Island, Ballee Island, Cooleenup Island	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
5	Residential Properties North Yunderup, Culeenup Rd	Private Asset	Major	Poor	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	VH	VH	VH	VH
5	Residential Properties Thomasfield Pl, Ravenswood	Private Asset	Major	Poor	Rare	Unlikely	Possible	Likely	L	M	H	H	M	H	VH	VH
5	Residential Properties Yunderup Island	Private Asset	Major	Poor	Rare	Unlikely	Possible	Likely	L	M	H	H	M	H	VH	VH
5	Residential Properties Ballee Island	Private Asset	Major	Poor	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	H	VH	VH	VH
5	Residential Properties Cooleenup Island	Private Asset	Major	Poor	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	H	VH	VH	VH
5	Jetties and Moorings along River Privately Held	Private Asset	Minor	Average	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
5	Minor Roads (Culeenup Rd - Western end)	City Infrastructure	Moderate	Poor	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	H	H	VH	VH
5	Major Roads (Forrest Highway) No Erosion	City Infrastructure	Major	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
5	Shire Jetties - Culeenup Rd, Coopers Mill Precinct, North Yunderup Launch Facility. Swimming pontoon at swim beach	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	Boat Launch - North Yunderup Launch Facility	City Infrastructure	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	Toilets - Kingfisher Park (No Erosion Impact)	City Infrastructure	Minor	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
5	Toilets - Coopers Mill Precinct	City Infrastructure	Minor	Poor	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	M	H	H	H
5	Toilets - North Yunderup Launch Facility (No Erosion Impact)	City Infrastructure	Minor	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
5	Car Park - North Yunderup Launch Facility	City Infrastructure	Moderate	Poor	Rare	Unlikely	Possible	Likely	L	M	M	H	M	H	H	VH
5	Park Furniture - North Yunderup Foreshore Reserve	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
5	Park Furniture- North Yunderup Launch Facility	City Infrastructure	Minor	Average	Rare	Rare	Unlikely	Possible	L	L	L	M	L	L	L	M
5	Park Furniture - Coopers Mill Precinct	City Infrastructure	Minor	Average	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
5	Playground Equipment - Coopers Mill Precinct	City Infrastructure	Minor	Average	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
5	Park Furniture- Kingfisher Park (No Erosion Impact)	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
5	Playground Equipment - Kingfisher Park (No Erosion Impact)	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
5	Footpaths	City Infrastructure	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
5	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Drainage features (pits, pipes, culverts)	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
5	WaterCorp Infrastructure	Utilities	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
5	Coopers Mill	Cultural / Heritage	Major	Poor	Possible	Likely	Almost Certain	Almost Certain	H	H	E	E	VH	VH	VH	VH
5	Coopers Mill Caretakers House	Cultural / Heritage	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H

SMU	Description	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Erosion Risk Rating				Vulnerability - Incl. Adaptive Capacity			
					2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
6	Riverbank - Serpentine River	Environmental	Major	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	E	E	E	H	VH	VH	VH
6	Foreshore Reserve - Furnissdale Foreshore	Social	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Residential Properties Riverside Drive along Furnissdale Foreshore (No Erosion impacts)	Private Asset	Major	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
6	Residential Properties along Serpentine River, Tonkin Drive to Furnissdale Road	Private Asset	Major	Poor	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	H	VH	VH	VH
6	Residential Properties Riverside Drive Smith St to Paull St	Private Asset	Major	Poor	Rare	Unlikely	Possible	Likely	L	M	H	H	M	H	VH	VH
6	Residential Properties Riverside Drive NE of Paull St	Private Asset	Major	Poor	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	H	VH	VH	VH
6	Caravan Park (No Erosion Impact)	Private Asset	Moderate	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
6	Riverglades Resort	Private Asset	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Jetties and Moorings along River - Privately Held	Private Asset	Minor	Average	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	M	M	M	M
6	Minor Roads (Riverside Drive Near Smith St)	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
6	Minor Roads (Furnissdale Rd, Ronlyn Rd) No Erosion Impacts	City Infrastructure	Moderate	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
6	Major Roads (Pinjarra Rd) No Erosion	City Infrastructure	Major	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
6	Shire Jetties - Furnissdale Launch Facility, Floating Jetty	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Shire Jetties - Furnissdale Launch Facility, Timber Jetty	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Shire Jetties - Tonkin Drive Foreshore Timber Jetty	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Boat Ramp - Furnissdale Launch Facility	City Infrastructure	Moderate	Average	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	M	H	H	H
6	Toilets - York Road (No Erosion Impacts)	City Infrastructure	Minor	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M
6	Car Park - Furnissdale Launch Facility	City Infrastructure	Moderate	Poor	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	H	H	VH	VH
6	Car Park - Riverside Drive	City Infrastructure	Moderate	Poor	Rare	Rare	Unlikely	Possible	L	L	M	M	M	M	H	H
6	Car Park - Tonkin Drive Foreshore	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
6	Car Park - Furnissdale Bridge Foreshore	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
6	Park Furniture - Furnissdale Launch Facility Foreshore Reserve	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
6	Playground Equipment - Furnissdale Foreshore	City Infrastructure	Minor	Average	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	M	M	M
6	Park Furniture- York Road Park. No Erosion Impacts	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
6	Playground Equipment - York Road Park. No Erosion Impacts	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
6	Footpaths	City Infrastructure	Minor	Good	Rare	Rare	Unlikely	Possible	L	L	L	M	L	L	L	L
6	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Drainage features (pits, pipes, culverts)	City Infrastructure	Moderate	Poor	Possible	Likely	Almost Certain	Almost Certain	M	H	H	H	H	VH	VH	VH
6	WaterCorp Infrastructure	Utilities	Moderate	Poor	Rare	Unlikely	Possible	Almost Certain	L	M	M	H	M	H	H	VH
6	York Road Clubrooms and Sports Courts (No Erosion)	City Infrastructure	Moderate	Poor	Rare	Rare	Rare	Rare	L	L	L	L	M	M	M	M

D.2 Vulnerability Assessment - Inundation

Baird.

SMU	Description	m AHD	Likelihood Category				Inundation Risk Rating				Vulnerability - Incl. Adaptive Capacity						
		Elevation	General Cat.	Consequence	Adaptive Cap.	2030	2050	2070	2120	2030	2050	2070	2120				
1	Beach areas	0.7	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Foreshore Nature Reserve	1.2	Environmental	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
1	Harvey Drain	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Kooljerrenup Nature Reserve	1.2	Environmental	Major	Average	Unlikely	Possible	Likely	Almost Certain	M	H	H	E	M	H	H	VH
1	Herron Point Camping Ground	1.4	Social	Minor	Average	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	M	M
1	Herron Point Foreshore	1.1	Social	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Coastal Pathways / Bridle Paths	1.2	Social	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
1	Agricultural Properties	2.2	Private Asset	Minor	Good	Rare	Rare	Rare	Unlikely	L	L	L	L	L	L	L	L
1	Carpark at Herron Boat Ramp	0.95	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Herron Point Boat Ramp	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Herron Point Reserve Camping Ground Toilet / Showers	2.4	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
1	Infrastructure (Signage, shelters, fencing)	0.8	City Infrastructure	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
1	Roads in Campground	1.2	City Infrastructure	Moderate	Average	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	M	M	H	H
1	Herron Point Road	1.1	City Infrastructure	Moderate	Average	Possible	Possible	Almost Certain	Almost Certain	M	M	H	H	M	M	H	H

SMU	Description	m AHD	General Cat.	Consequence	Adaptive Cap.	Inundation Likelihood				Inundation Risk Rating				Vulnerability - Incl. Adaptive Capacity			
		Elevation				2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
2	Beach areas	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
2	Foreshore Nature Reserve	1.2	Environmental	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
2	Lake McLarty	1.5	Environmental	Major	Poor	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	E	M	H	H	VH
2	Lake Mealup	1.5	Environmental	Major	Poor	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	E	M	H	H	VH
2	Foreshore Reserve at Birchmont Boat Ramp	1.1	Social	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
2	Coastal Pathways / Bridle Paths	1.1	Social	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
2	Residential Properties	1.1	Private Asset	Moderate	Average	Possible	Possible	Almost Certain	Almost Certain	M	M	H	H	M	M	H	H
2	Carpark at Birchmont Boat Ramp	1.6	City Infrastructure	Minor	Good	Rare	Rare	Unlikely	Almost Certain	L	L	L	M	L	L	L	L
2	Birchmont Boat Ramp	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
2	Infrastructure (signage, fencing, bus shelter)	1.2	City Infrastructure	Insignificant	Good	Unlikely	Possible	Likely	Almost Certain	L	L	L	M	L	L	L	L
2	Drainage features	5	City Infrastructure	Moderate	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
2	Roads (Birch Drive, Mills Rd, Pioneer Place, Numbat Place, Kangaroo Loop)	1.5	City Infrastructure	Moderate	Average	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	H	L	M	M	H

SMU	Description	m AHD		Likelihood Category						Inundation Risk Rating				Vulnerability - Incl. Adaptive Capacity			
		Elevation	General Cat.	Consequence	Adaptive Cap.	2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
4	Beach area - Peel Inlet facing beach Batavia Quays	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Riverbank - Murray River	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Austin Bay Nature Reserve	1.1	Environmental	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Batavia Quays Wetland	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Batavia Quays Headland Feature - Acid Sulphate Soil Site. Height of top of Revetment	2.4	Environmental	Catastrophic	Poor	Rare	Rare	Rare	Rare	M	M	M	M	H	H	H	H
4	South Yunderup Canal Bund - Water Quality Management	1.1	Environmental	Major	Average	Possible	Possible	Almost Certain	Almost Certain	H	H	E	E	H	H	VH	VH
4	Coastal Pathway - Bund in front of South Yunderup canals	1.1	City Infrastructure	Moderate	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	H	H	L	L	M	M
4	Coastal Pathway - Wellya Crescent Park	1	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Foreshore Reserve (Tatham Rd, Rivergum Esplanade, Centenary Park)	0.9	Social	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Coastal Pathways Murray River (Tatham Rd, Rivergum Esplanade)	0.85	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Coastal Pathways Batavia Quays Headland	2.2	City Infrastructure	Minor	Good	Rare	Rare	Rare	Unlikely	L	L	L	L	L	L	L	L
4	Residential Properties South Yunderup Canal Estate	2.2	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
4	Residential Properties Placid Bend, Chipper Way, Countess Circuit	2.2	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
4	Residential Properties Batavia Quay	2.2	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
4	Residential Properties Warma Way to Young Rd	1.8	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
4	Residential Properties Young Rd to Strain Glen	1.7	Private Asset	Moderate	Average	Rare	Rare	Unlikely	Likely	L	L	M	H	L	L	M	H
4	Residential Properties Pelican Rd, Banksia Terrace	1.7	Private Asset	Moderate	Average	Rare	Rare	Unlikely	Likely	L	L	M	H	L	L	M	H
4	Residential Properties Murray River Drive, Leander Way, Pericho Close	1.8	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
4	Agricultural / Vacant Land - Beacheam Rd to Austin Cove	1.8	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
4	Tathams Caravan Park, Murray River Caravan Park	1.1	Private Asset	Moderate	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	H	H	L	L	M	M
4	Jetties and Moorings along River Privately Held	0.6	Private Asset	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Minor Roads (Rivergum Esplanade, Young Rd, Strain Glen, Pelican Rd, Banksia Tce)	1.3	City Infrastructure	Moderate	Average	Unlikely	Unlikely	Possible	Almost Certain	M	M	M	H	M	M	M	H
4	Major Roads (South Yunderup Road, Forrest Highway) No Erosion	1.5	City Infrastructure	Moderate	Average	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	H	L	M	M	H
4	Canal Network (No Erosion)	0.5	City Infrastructure	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Shire Jetties - Tatham Rd, Pelican Rd, Centenary Park	0.7	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Boat Launch - Rivergum Esplanade Foreshore	0.6	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Boat Launch - Batavia Quays Launch Facility	0.6	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Batavia Quays Club Shed	1.6	City Infrastructure	Moderate	Good	Rare	Rare	Unlikely	Almost Certain	L	L	M	H	L	L	L	M
4	South Yunderup Fire Station (No Erosion Impact)	2.1	City Infrastructure	Major	Good	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	L
4	Toilets - Centenary Park (No Erosion Impact)	1.5	City Infrastructure	Minor	Average	Rare	Unlikely	Unlikely	Almost Certain	L	L	L	M	L	L	L	M
4	Toilets - Batavia Quays	1.6	City Infrastructure	Minor	Average	Rare	Rare	Unlikely	Almost Certain	L	L	L	M	L	L	L	M
4	Toilets - Pelican Road	2.5	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
4	Car Park - Batavia Quays	1.2	City Infrastructure	Minor	Good	Unlikely	Possible	Likely	Almost Certain	L	M	M	M	L	L	L	L
4	Car Park - Rivergum Esplanade Foreshore	1.1	City Infrastructure	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Car Park - Centenary Park	1.3	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Car Park - Pelican Road	1.3	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Car Park - Willow Gardens (No Erosion Impact)	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
4	Car Park - Fire Station (No Erosion Impact)	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
4	Park Furniture - Centenary Park	1.4	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Playground Equipment - Centenary Park	1.4	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Park Furniture- Wellya Crescent Park	1.4	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Playground Equipment - Wellya Crescent Park	1.6	City Infrastructure	Minor	Good	Rare	Rare	Unlikely	Almost Certain	L	L	L	M	L	L	L	L
4	Park Furniture - Pelican Rd Park	1.7	City Infrastructure	Minor	Good	Rare	Rare	Unlikely	Likely	L	L	L	M	L	L	L	L
4	Playground Equipment - Pelican Rd Park	1.3	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
4	Park Furniture- Lucie Hunter Park (No Erosion Impact)	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Park Furniture- South Yunderup Foreshore	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Footpaths	0.8	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
4	Drainage features (pits, pipes, culverts)	0.8	City Infrastructure	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
4	WaterCorp Infrastructure	0.9	Utilities	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H

NOTE: Residential Properties. LIDAR Level + 0.3m Freeboard

SMU	Description	m AHD		Likelihood Category						Inundation Risk Rating				Vulnerability - Incl. Adaptive Capacity			
		Elevation	General Cat.	Consequence	Adaptive Cap.	2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
5	Beach - Peel Inlet facing beaches on Cooleenup, Meeyip, Ballee, Woolgarook, Yunderup Islands	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Riverbank - Delta Islands and Murray River	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Nature Reserve, West end Yunderup Island	0.9	Environmental	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Ballee Island Wetland	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Foreshore Reserve - Culeenup Rd east of Towerup St	0.9	Social	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Foreshore Reserve - Yunderup Island, Ballee Island, Cooleenup Island	0.9	Social	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Residential Properties North Yunderup, Culeenup Rd	1.8	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
5	Residential Properties Thomasfield Pl, Ravenswood	2.0	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
5	Rural Properties Pinjarra Rd, Tonkin Drv, Walter Rd	1.9	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
5	Residential Properties Thomasfield Pl, Ravenswood	2.0	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
5	Residential Properties Yunderup Island	1.0	Private Asset	Mod. / Maj ²	Average / Low ²	Possible	Likely	Almost Certain	Almost Certain	M	H	H	E	M	H	H	VH
5	Residential Properties Ballee Island	1.0	Private Asset	Mod. / Maj ²	Average / Low ²	Possible	Likely	Almost Certain	Almost Certain	M	H	H	E	M	H	H	VH
5	Residential Properties Cooleenup Island	0.9	Private Asset	Mod. / Maj ²	Average / Low ²	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	E	H	H	H	VH
5	Septic Systs Yunderup Island	0.7	Private Asset	Major	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	E	E	E	E	H	H	H	H
5	Septic Systs Ballee Island	0.7	Private Asset	Major	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	E	E	E	E	H	H	H	H
5	Septic Systs Cooleenup Island	0.6	Private Asset	Major	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	E	E	E	E	H	H	H	H
5	Jetties and Moorings along River Privately Held	0.6	Private Asset	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Minor Roads (Culeenup Rd - Western end)	1.5	City Infrastructure	Moderate	Average	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	H	L	M	M	H
5	Major Roads (Pinjarra Rd, Forrest Hwy)	2.2	City Infrastructure	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
5	Shire Jetties - Culeenup Rd, Coopers Mill Precinct, North Yunderup Launch Facility. Swimming pontoon at swim beach	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Boat Launch - North Yunderup Launch Facility	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Toilets - Kingfisher Park (No Erosion Impact)	2.3	City Infrastructure	Minor	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
5	Toilets - Coopers Mill Precinct	1.4	City Infrastructure	Minor	Average	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	M	M
5	Toilets - North Yunderup Launch Facility (No Erosion Impact)	1.8	City Infrastructure	Minor	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
5	Car Park - North Yunderup Launch Facility	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
5	Park Furniture - North Yunderup Foreshore Reserve	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Park Furniture - North Yunderup Launch Facility	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
5	Park Furniture - Coopers Mill Precinct	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Playground Equipment - Coopers Mill Precinct	0.9	City Infrastructure	Minor	Good	Likely	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Park Furniture - Kingfisher Park (No Erosion Impact)	2.0	City Infrastructure	Minor	Good	Rare	Rare	Rare	Unlikely	L	L	L	L	L	L	L	L
5	Playground Equipment - Kingfisher Park (No Erosion Impact)	2.3	City Infrastructure	Minor	Good	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
5	Footpaths	1.0	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	0.8	City Infrastructure	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
5	Drainage features (pits, pipes, culverts)	0.8	City Infrastructure	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	WaterCorp Infrastructure	0.9	Utilities	Moderate	Average	Likely	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	Coopers Mill	0.7	Cultural / Heritage	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
5	Coopers Mill Caretakers House	1.4	Cultural / Heritage	Moderate	Average	Unlikely	Unlikely	Possible	Almost Certain	M	M	M	H	M	M	M	H

NOTE : for all Residential Properties the level is finished floor level = LIDAR Level + 0.3m Freeboard

2. For depth of flooding >1.0m over the Finished Floor level the consequence is Major and adaptive capacity is rated as low.

SMU	Description	m AHD	General Cat.	Consequence	Adaptive Cap.	Likelihood Category				Inundation Risk Rating				Vulnerability - Incl. Adaptive Capacity			
		Elevation				2030	2050	2070	2120	2030	2050	2070	2120	2030	2050	2070	2120
6	Riverbank - Serpentine River	0.5	Environmental	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Foreshore Reserve - Furnissdale Foreshore	0.7	Social	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Residential Properties Riverside Drive along Furnissdale Foreshore	1.4	Private Asset	Moderate	Average	Unlikely	Unlikely	Possible	Almost Certain	M	M	M	H	M	M	M	H
6	Residential Properties along Serpentine River, Tonkin Drive to Furnissdale Road	1.8	Private Asset	Moderate	Average	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	M
6	Residential Properties Riverside Drive Smith St to Paull St	1.5	Private Asset	Moderate	Average	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	H	L	M	M	H
6	Residential Properties Riverside Drive NE of Paull St	1.5	Private Asset	Moderate	Average	Rare	Unlikely	Unlikely	Almost Certain	L	M	M	H	L	M	M	H
6	Rural Properties Pinjarra Rd to Goodooga Rd	2	Private Asset	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M
6	Caravan Park	1.7	Private Asset	Minor	Good	Rare	Rare	Unlikely	Likely	L	L	L	M	L	L	L	L
6	Riverglades Resort	2.5	Private Asset	Moderate	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
6	Jetties and Moorings along River - Privately Held	0.5	Private Asset	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Minor Roads (Riverside Drive Near Smith St)	0.7	City Infrastructure	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
6	Minor Roads (Riverside Drive foreshore, Furnissdale Rd, Ronlyn Rd)	1.2	City Infrastructure	Moderate	Average	Unlikely	Possible	Likely	Almost Certain	M	M	H	H	M	M	H	H
6	Major Roads (Pinjarra Rd)	3	City Infrastructure	Moderate	Average	Rare	Rare	Rare	Rare	L	L	L	L	L	L	L	L
6	Shire Jetties - Furnissdale Launch Facility, Floating Jetty	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Shire Jetties - Furnissdale Launch Facility, Timber Jetty	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Shire Jetties - Tonkin Drive Foreshore Timber Jetty	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Boat Ramp - Furnissdale Launch Facility	0.5	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Toilets - York Road	2	City Infrastructure	Minor	Average	Rare	Rare	Rare	Unlikely	L	L	L	L	L	L	L	L
6	Car Park - Furnissdale Launch Facility	1.3	City Infrastructure	Minor	Good	Unlikely	Unlikely	Possible	Almost Certain	L	L	M	M	L	L	L	L
6	Car Park - Riverside Drive	0.7	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Car Park - Tonkin Drive Foreshore	1	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Car Park - Furnissdale Bridge Foreshore	1	City Infrastructure	Minor	Good	Possible	Likely	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Park Furniture - Furnissdale Launch Facility Foreshore Reserve	1.1	City Infrastructure	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Playground Equipment - Furnissdale Foreshore	1.1	City Infrastructure	Minor	Good	Possible	Possible	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Park Furniture- York Road Park.	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
6	Playground Equipment - York Road Park.	1.8	City Infrastructure	Minor	Good	Rare	Rare	Rare	Possible	L	L	L	M	L	L	L	L
6	Footpaths	0.7	City Infrastructure	Minor	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Minor Infrastructure (Signage, fencing, lighting, bus shelter)	0.7	City Infrastructure	Insignificant	Good	Almost Certain	Almost Certain	Almost Certain	Almost Certain	M	M	M	M	L	L	L	L
6	Drainage features (pits, pipes, culverts)	0.8	City Infrastructure	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
6	WaterCorp Infrastructure	0.7	Utilities	Moderate	Average	Almost Certain	Almost Certain	Almost Certain	Almost Certain	H	H	H	H	H	H	H	H
6	York Road Clubrooms and Sports Courts	2.1	City Infrastructure	Moderate	Average	Rare	Rare	Rare	Unlikely	L	L	L	M	L	L	L	M

NOTE: Residential Properties. LIDAR Level + 0.3m Freeboard