

## Part 6

### LF – Land and freshwater

#### APP25 – Esplanade Requirements

For clarification purposes, the final requirements in the tables below (right hand column) are the requirements referred to in relevant rules.

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Coastal margins	Biodiversity Access Hazard mitigation	20 metre strip.	20 metre strip.	20 metre strip.	20 metre strip requirement, which extends from southern boundary with Tasman District to northern boundary with Marlborough District (with the exception of the PORTZ – Port zone where no requirement applies).	NA	NA

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Roding River - City boundary to NOSZ – Natural open space zone boundary	Recreation Biodiversity Access	20 metres both banks, or to the road reserve where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.  Strip where adjacent to private land, reserve where abuts road reserve or other public land.	20 metres both sides.  Exclusive of recreation needs on one bank.	No requirement.	20 metres as measured from the top of each bank, or to the road reserve where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.  Strip where adjacent to private land, reserve where abuts road reserve or other public land.	1621630N, 5421299E	1621630N, 5420005E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Saxton Creek - from Champion Road to south eastern boundary of Saxton Creek Recreation Reserve	Recreation Biodiversity Access Hazard mitigation	No change to existing requirement in operative Nelson Resource Management Plan required (refer 'Final' column).	No change to existing requirement in operative Nelson Resource Management Plan required (refer 'Final' column).	Channel upgrade in progress. 5 metres both finished banks for maintenance access.	As shown on the Saxton Creek Survey Plans dated 11 March 2015 included in this appendix except:  1. in the case of the property formerly legally described as Lots 120 and 121 DP 429225, which has a subdivision approval (RM065150 V3) then as set out in that resource consent	1617845N, 5423077E	1617845N, 5424149E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					and its supporting plans; and 2. in the case of the approved subdivision of Lot 2 DP 447598 as shown on the scheme plan for RM125264 (Plan A).		
Saxton Creek - from water supply dam to branch confluence	Recreation Biodiversity Access Hazard mitigation	Reserve corridor of 20 metre total width inclusive of bed of waterway	10 metres both sides.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 30 metre total width corridor inclusive of river bed for any future upgrades and	40 metre total width corridor inclusive of river bed for recreation, conservation and hazard mitigation.  Reserve.	1618649N, 5422977E	1618649N, 5424038E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				maintenance access.			
Saxton Creek - from southern corner of Saxton Field to Main Road Stoke	Recreation Biodiversity Access	All within TDC or NCC reserve land. No additional provision required.	All within TDC or NCC reserve land. No additional provision required. Inanga spawning area.	No requirement.	No requirement.	1617872N, 5424149E	1617872N, 5424505E
Saxton Creek - from Main Road Stoke to coast	Recreation Biodiversity Access Hazard mitigation	Reserve 5 metres.	20 metres both sides to provide for Inanga spawning habitat. Inclusive of recreation needs on one bank.	Maximum channel capacity required is Q100. 20 metres on top of both banks and also river bed for any future upgrades and maintenance access.	20 metres as measured from the top of each bank to provide for Inanga spawning habitat. Inclusive of recreation needs on one bank and hazard mitigation requirements.	1617314N, 5424505E	1617314N, 5424703E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				Can include recreation and biodiversity.	Reserve.		
Orphanage Stream - South Branch - from source to confluence	Recreation Biodiversity Access Hazard mitigation	Strip 10 metres both sides.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres strip as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Strip.	1619944N, 5423222E	1619944N, 5425077E
Orphanage Stream - North Branch - from source to confluence	Recreation Biodiversity Access Hazard mitigation	Strip 10 metres both sides.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river	15 metres strip as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Strip.	1621636N, 5423166E	1621636N, 5425070E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				bed for any future upgrades.			
Orphanage Stream - from north and south branch confluence to coast	Recreation Biodiversity Access Hazard mitigation	Reserve corridor of 25 metres total width inclusive of river bed and both river banks.	Reserve corridor of 25 metres total width inclusive of the river bed and both river banks.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades and maintenance access.	Reserve corridor of 35 metres total width inclusive of the river bed and both river banks for recreation, biodiversity, access and hazard mitigation.	1619491N, 5425077E	1619491N, 5425145E
Orchard Stream - from source to Main Road Stoke	Biodiversity Hazard mitigation	No requirement.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 5 metres on top of both	10 metres as measured from the top of each bank for biodiversity and hazard mitigation.	1619056N, 5425962E	1619056N, 5426591E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				banks and also river bed for any future upgrades.	Reserve.		
Orchard Stream - from Main Road Stoke to coast	Recreation Biodiversity Access Hazard mitigation	No requirement – esplanade complete.	No requirement – esplanade complete.	Maximum channel capacity required is Q100. Need 5 metres on top of both banks and also river bed for any future upgrades.	5 metres required as measured from the top of each bank for flood hazard mitigation management. Strip.	1620407N, 5425523E	1620407N, 5425962E
Poorman Valley Stream - from road head to Marsden Valley Road bridge	Recreation Biodiversity Access Hazard mitigation	Reserve 20 metres both banks	10 metre both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1622341N, 5424141E	1622341N, 5426089E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				bed for any future upgrades.			
Poorman Valley Stream - from Marsden Valley Road bridge to Seaview Road	Recreation Biodiversity Access Hazard mitigation	10 metre reserve both banks.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1620587N, 5426089E	1620587N, 5427561E
Poorman Valley Stream - from Seaview Road to Jenkins Creek confluence	Recreation Biodiversity Access Hazard mitigation	Reserve 10 metres both banks.	20 metres both sides to provide for Īnanga spawning habitat. Inclusive of recreation	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1618983N, 5427561E	1618983N, 5427628E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
			needs on one bank.	bed for any future upgrades.			
Arapiki Stream - from The Ridgeway to Quarantine Road first crossing	Biodiversity Hazard mitigation	No requirement.	10 metres both sides. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1620924N, 5427066E	1620924N, 5428095E
Arapiki Stream - from first to second crossings of Quarantine Road	Recreation Biodiversity Access Hazard mitigation	10 metres both banks downstream of Quarantine Road.	20 metres both sides to provide for Īnanga spawning habitat. Inclusive of recreation	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1619884N, 5428095E	1619884N, 5428228E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
			needs on one bank.	bed for any future upgrades.			
Arapiki Stream - from Quarantine Road second crossing to Jenkins Creek confluence	Recreation Biodiversity Access Hazard mitigation	10 metres both banks downstream of Quarantine Road.	20 metres both sides. Inclusive of recreation needs on either bank.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1619677N, 5428228E	1619677N, 5428222E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Jenkins Creek - from source to Newman Drive	Recreation Biodiversity Access Hazard mitigation	10 metres total width access appropriate in all zones. Reserve in any RESZ – Residential zone, otherwise strip or other form of negotiated access.	10 metres both sides.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve in any RESZ – Residential zone and strip in any RURZ – Rural zone.	1623552N, 5424534E	1623552N, 5427084E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Jenkins Creek - from Newman Drive to Beatson Road	Recreation Biodiversity Access Hazard mitigation	Access on one side only required. 5 metres on true left. Reserve.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10-15 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation, and also an additional 5 metres on true left for recreation. Reserve.	1621469N, 5427084E	1621469N, 5427697E
Jenkins Creek - from Beatson Road to Gracefield Street	Recreation Biodiversity Access Hazard mitigation	10 metres true left or right. 20 metres where the riverbank is within 20 metres of the legal road, or more than 20 metres where isolated land parcels of less than the	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any	15 metres as measured from the top of each bank. Where a legal road or property boundary is within 15 metres of the riverbank, the requirement is	1621152N, 5427697E	1621152N, 5428145E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
		<p>minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.</p> <p>Reserve.</p>		<p>future upgrades.</p>	<p>equivalent to the distance between the riverbank and the closest road boundary or property boundary.</p> <p>Potentially more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or</p>		

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					property boundary. Reserve.		
Jenkins Creek - from Gracefield Street to Annesbrook Drive	Recreation Biodiversity Access Hazard mitigation	Access on one side only required. 5 metres true right, or width from bank to property boundary on true right. Reserve.	10 metres both sides. Exclusive of recreation needs	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres as measured from the top of each bank for biodiversity, hazard mitigation and recreation. Reserve.	1620604N, 5428145E	1620604N, 5428339E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Jenkins Creek - from Annesbrook Drive to Pascoe Street	Recreation Biodiversity Access Hazard mitigation	30 metres total width including riverbed. Reserve.	10 metres both sides. Exclusive of recreation needs.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1620529N, 5428339E	1620529N, 5428428E
Jenkins Creek - from Pascoe Street to Quarantine Road	Recreation Biodiversity Access Hazard mitigation	30 metres total width including riverbed. Reserve.	20 metres both sides to provide for Inanga spawning habitat. Inclusive of recreation needs on either bank.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1620159N, 5428428E	1620159N, 5428360E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Jenkins Creek - from Quarantine Road to Poorman Valley Stream confluence	Recreation Biodiversity Access Hazard mitigation	15 metres both banks. 20 metres where the riverbank is within 20 metres of the legal road or property boundary, or more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.  Reserve.	20 metres both sides.  Inclusive of recreation needs on either bank.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank. Where a legal road or property boundary is within 20 metres of the riverbank, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20 metres where isolated land parcels of less than the minimum	1619503N, 5428360E	1619503N, 5427628E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary. Reserve.		
Maire Stream - from source to Annesbrook Drive	Recreation Access Hazard mitigation	20 metres total width including bed of waterway. Reserve.	10 metres both sides. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1621339N, 5428222E	1621339N, 5428653E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Maire Stream - from Annesbrook Drive to Awatea Place	Recreation Access Hazard mitigation	10 metres on true left in any OSRZ – Open space and recreation zone. 5 metres on true left in a RESZ – Residential zone. Reserve.	10 metres both sides. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1620592N, 5428653E	1620592N, 5429258E
Maire Stream - from Awatea Place to mouth	Recreation Biodiversity Access Hazard mitigation	10 metres on true left in any OSRZ – Open space and recreation zone. 5 metres on true left in any RESZ – Residential zone. Reserve.	20 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1619771N, 5429258E	1619771N, 5429423E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Maire Stream Tributary - from Bolt Road to Awatea Place	Recreation	10 metres on true left in any OSRZ – Open space and recreation zone. 5 metres on true left in a RESZ – Residential zone. Reserve.	10 metres both sides. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1620189N, 5428949E	1620189N, 5429351E
York Stream - from Quarry to Saltwater Creek confluence	Biodiversity Hazard mitigation	5 metres provision for walkway on one bank. Reserve.	10 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1623264N, 5427327E	1623264N, 5431170E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Maitahi/Mahitahi/Maitai River - from NOSZ – Natural open space zone boundary to Jickell Bridge	Biodiversity Recreation Access Hazard mitigation	Small holdings Area. Reserve 20 metres - both river banks. RURZ – Rural zone. Reserve 20 metres - both river banks.	20 metres both sides to provide for threatened native fish, trout spawning and trout habitat. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 20 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1629139N, 5428821E	1629139N, 5430884E
Maitahi/Mahitahi/Maitai River - from Jickells Bridge to Nelson Haven (with the exception of the true left bank between Paru Paru Road and Trafalgar Street)	Biodiversity Recreation Access Hazard mitigation	Reserve 10 metres true left bank. Reserve 5 metres true right bank.	20 metres both sides to provide for threatened fish habitat. Inclusive of recreation. Constrained by existing development.	Maximum channel capacity required is Q100. Need 20 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1625743N, 5430884E	1625743N, 5431692E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Maitahi/Mahitahi/Maitai River - from the true left bank at Trafalgar Street to Paru Paru Road	Biodiversity Recreation Access Hazard mitigation	Reserve averaging 7.5 meters with a minimum width of 5 metre.	20 metres to provide for threatened fish habitat.  Inclusive of recreation.  Constrained by existing development.	Maximum channel capacity required is Q100.  Need 20 metres on top of bank and also river bed for any future upgrades.	20 metres from top of bank for biodiversity and hazard mitigation and to provide for recreation.  Reserve.	1623792N, 5431237E	1623792N, 5431494E
Groom Creek - from Tantragee Saddle to Maitahi/Mahitahi/Maitai River confluence	Recreation Access Biodiversity Hazard mitigation	20 metres both banks.  Reserve or other negotiated access.	10 metres both sides  Inclusive of recreation need.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1626232N, 5428857E	1626232N, 5429313E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Sharland Creek - from source to Maitahi/Mahitahi/Maitai River confluence	Recreation Access Biodiversity Hazard mitigation	20 metres both sides. Reserve.	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1628470N, 5432289E	1628470N, 5430539E
Kaka Hill Tributary - from source to Maitahi/Mahitahi/Maitai River confluence	Recreation Access Biodiversity Hazard mitigation	10 metres right bank. Reserve.	10 metres both sides.  Inclusive of recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1626291N, 5432110E	1626291N, 5431073E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Little Go Stream - from source to Franklyn Street	Recreation Hazard mitigation	5 metres one bank or nearby. Reserve.	10 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1623316N, 5428983E	1623316N, 5429235E
Brook Stream - from Brook Recreation Reserve to Brook Terrace	Recreation Access Biodiversity Hazard mitigation	Corridor of 30 metres full width including the river bed and both river banks. Reserve.	10 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	Corridor of 30 metres full width including the river bed and both river banks for recreation, biodiversity and hazard mitigation. Reserve.	1624432N, 5426673E	1624432N, 5428819E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Brook Stream - from Brook Terrace to Maitahi/Mahitahi/Maitai River confluence	Recreation Access Biodiversity Hazard mitigation	5 metres both banks. Reserve.	10 metres both sides, to provide for threatened native fish, trout spawning and trout habitat.  Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1624572N, 5428819E	1624572N, 5430612E
Glen Creek - from source to Brook Stream confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.  Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation.  Reserve.	1625867N, 5426689E	1625867N, 5427957E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Tributary of Brook Stream - from confluence with Brook Stream to Tantragee Road	Biodiversity Hazard mitigation	None required.	10 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1626036N, 5429184E	1626036N, 5428686E
Blick Terrace Tributary - from source to Brook Stream confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides. Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1623522N, 5427975E	1624437N, 5428917E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Oldham Creek - from source to Devenish Place	Recreation Access Biodiversity Hazard mitigation	5 metre one bank only – although does not need to be adjacent to waterway.	10 metres both sides.  Inclusive of recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1627637N, 5432895E	1627637N, 5433844E
Oldham Creek - from Devenish Place to Dodson Valley Road	Recreation Access Biodiversity Hazard mitigation	20 metres total width including riverbed.  Reserve.	10 metres both sides for threatened fish habitat.  Inclusive of recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1627132N, 5433844E	1627132N, 5434531E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Oldham Creek - from Dodson Valley Road to Atawhai Crescent	Biodiversity Hazard mitigation	None required.	10 metres both sides for threatened fish habitat.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation Reserve.	1626930N, 5434531E	1626930N, 5434963E
Oldham Creek - from Atawhai Crescent to mouth	Recreation Access Biodiversity Hazard mitigation	None required – all within existing reserve.	20 metres both sides for Tnanga spawning habitat. Exclusive of recreation access.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for biodiversity and hazard mitigation Reserve.	1626696N, 5434963E	1626696N, 5435054E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Oldham Creek - branch from source to branch confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1628233N, 5433987E	1627969N, 5434078E
Oldham Creek - branch from source to branch confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1628420N, 5434451E	1627969N, 5434078E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Oldham Creek - branch from branch confluence along side Strathhaven Place to second branch confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1627969N, 5434078E	1627325N, 5434384E
Oldham Creek - branch from source to Strathhaven Place	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1627671N, 5434416E	1627671N, 5434416E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Oldham Creek - branch from Strathhaven Place to Dodson Valley road at Naumai Street	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Reserve.	1627325N, 5434384E	1627325N, 5434440E
Oldham Creek - branch from forest remnant to Werneth Street	Access Biodiversity Hazard mitigation	5 metres minimum on one bank only to enable access to reserve.	10 metres both sides. Inclusive of recreation need.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Reserve.	1627701N, 5435416E	1627160N, 5434753E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Todd Valley Stream - from Todd Bush Road to headwaters	Recreation Access Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides to provide for threatened native fish.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Strip.	1628427N, 5434573E	1628427N, 5437104E
Todd Valley Stream - from Todd Bush Road to Biggsburn Stream confluence	Recreation Access Biodiversity Hazard mitigation	Adjacent to or in any RESZ – Residential zone a reserve 5 metres wide on the southern side in addition to the stream bed with for access purposes.	10 metres both sides to provide for threatened native fish.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1628529N, 5437104E	1628529N, 5437205E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Todd Valley Stream - from Biggsburn Stream confluence to Wakapuaka Road SH6	Recreation Access Biodiversity Hazard mitigation	Reserve corridor 20 metres total width including the stream bed.	10 metres both sides to provide for threatened native fish.  Exclusive of recreation needs.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	15 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation.  Reserve.	1628566N, 5437205E	1628566N, 5437453E
Todd Valley Stream - from Wakapuaka Road SH6 to Nelson Haven	Recreation Access Biodiversity Hazard mitigation	None required - all in reserve.	20 metres both sides to provide for Inanga spawning and threatened fish habitat.  However note is already fully within public land, therefore practically no additional	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for biodiversity and hazard mitigation.  Reserve.	1628156N, 5437453E	1628156N, 5437705E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
			provision required.				
Biggsburn Stream - from source to Todd Valley Stream confluence	Recreation Access Biodiversity Hazard mitigation	10 metres one bank. Strip.	10 metres both sides. Inclusive of recreation needs.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Strip.	1629640N, 5436297E	1629640N, 5437205E
Little Todd Valley Stream - from source to Todd Valley Stream confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Strip.	1628325N, 5436052E	1628325N, 5437327E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
				future upgrades.			
Hillwood Stream - from source to Nelson Haven	Biodiversity Recreation Access Hazard mitigation	5 metre true right. Strip.	20 metres both sides for Tnanga spawning habitat downstream of confluence with Hillwood Stream North.  10 metres both sides thereafter.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank for Tnanga spawning habitat downstream of confluence with Hillwood Stream North.  10 metres as measured from the top of each bank thereafter. Strip.	1630602N, 5435336E	1630602N, 5437712E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Hillwood Stream North - from Glen Road to Hillwood Stream confluence	Recreation Biodiversity Access	5 metre one bank. Strip.	10 metres both sides. Inclusive of recreation need. Reserve.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks. .and also river bed for any future upgrades.	10 metres as measured from the top of each bank for recreation, biodiversity and hazard mitigation. Strip.	1630232N, 5439771E	1630232N, 5438387E
Waihi Creek - from source to coast	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres as measured from the top of each bank for biodiversity and hazard mitigation. Strip.	1631994N, 5440711E	1631994N, 5440857E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Lud River - from source to confluence of Wakapuaka River (at SH6)	Biodiversity	5 metres both banks. Strip.	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat.	Maximum channel capacity required is Q100. Need 10-15 metres on top of both banks and also river bed for any future upgrades.	30 metre total width corridor inclusive of river bed as strip.	1631629N, 5432542E	1631629N, 5437094E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Teal River - from source to confluence of Wakapuaka River (at SH6)	Recreation Access Biodiversity Hazard mitigation	Small holdings Area. Reserve 20 metres true left. Strip 10 metres on true left in any RURZ – Rural zone.	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat. Does not include recreation need.	Maximum channel capacity required is Q100. Need 15 metres on top of both banks and also river bed for any future upgrades.	20 metres reserve as measured from the top of true left bank.  Where a legal road or property boundary is within 20 metres of the riverbank on the true left, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20 metres where isolated land	1632481N, 5430806E	1632481N, 5435810E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					<p>parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary.</p> <p>10 metres strip as measured from the top of the true right bank.</p>		

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Slater Creek - from where Slater Creek exits public land to Haythorne Bluff	Recreation Biodiversity Hazard mitigation	Public access to complete access from Slaters Creek Road or Hawthorne Bluff on both Swift Stream and Slater Creek to DOC administered land, to be negotiated.	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat.  Exclusive of recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres strip as measured from the top of each bank and also practical recreation access.	1635145N, 5433343E	1635145N, 5435582E
Swift Stream - from where Swift Stream exits public land to Slater Creek	Recreation	Public access to complete access from Slaters Creek Road or Hawthorne Bluff on both Swift Stream and Slater Creek to DOC administered	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat.  Exclusive of recreation need.	Maximum channel capacity required is Q100  Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres strip as measured from the top of each bank and also practical recreation access.	1635641N, 5433768E	1635641N, 5434401E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
		land, to be negotiated.					
Wakapuaka River - from where the waterway exits public land at Haythorne Bluff to Teal River confluence (at Hira Road SH6)	Recreation Access Biodiversity Hazard mitigation	All land between road and waterway as reserve.	20 metres both sides to provide for threatened native fish, trout spawning and trout habitat.  Exclusive of recreation need.	Maximum channel capacity required is Q100.  Need 15 metres on top of both banks and also river bed for any future upgrades.	All land between road and waterway as reserve and also 20 metre strip as measured from the top of the true left bank.	1635885N, 5435582E	1635885N, 5435810E
Wakapuaka River - from Teal River confluence to main stem (at Hira Road SH6)	Recreation Access Biodiversity Hazard mitigation	All land between road and waterway as reserve.	20 metres both sides to provide for threatened native fish, trout spawning and trout habitat.	Maximum channel capacity required is Q100.  Need 20 metres on top of both banks and also river bed for any	All land between road and waterway as reserve.	1633272N, 5435810E	1633272N, 5437403E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
			Exclusive of recreation need.	future upgrades.			
Wakapuaka River - from Hira Road SH6 to Delaware Inlet	Biodiversity Recreation Access Hazard mitigation	20 metres where the riverbank is within 20 metres of the legal road, or more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.  Reserve for all areas greater than 5 metres	20 metres both sides to provide for īnanga spawning and threatened fish habitat.  Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100.  Need 20 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank.  Where a legal road or property boundary is within 20 metres of the riverbank, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20	1633220N, 5437403E	1633220N, 5441714E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
		in width, otherwise strip.			metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary.  Reserve for all areas greater than 5 metres in width, otherwise strip.		

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Māori Pā Stream - from source to mouth	Access Biodiversity Hazard mitigation	Access for whitebaiting potentially. 10 metres both banks.	20 metres both sides upstream to culvert between 377 and 372 Māori Pā Road; 10 metres both sides upstream thereafter.  Inclusive of access need on one bank only.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metres as measured from the top of each bank upstream to culvert between 377 and 372 Māori Pā Road.  10 metres both sides upstream thereafter.  Inclusive of access need on one bank only.  Strip.	1636805N, 5440248E	1636805N, 5442269E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Whangamoa River - from source to Graham Stream confluence	Recreation Access Biodiversity Hazard mitigation	10 metres true right (near road) and 5 metres true left, but 20 metres on true right where the riverbank is within 20 metres of the legal road, or more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.	10 metres both sides to provide for threatened fish and trout habitat, and trout spawning habitat.  Inclusive of recreation need on one bank.	Maximum channel capacity required is Q100.  Need 20 metres on top of both banks and also river bed for any future upgrades.	20 metre strip as measured from the top of each bank.  Where a legal road or property boundary is within 20 metres of the riverbank on the true right, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20 metres where isolated land	1637207N, 5434843E	1637207N, 5440677E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
		Strip where esplanade is 10 metres or less, otherwise reserve (which will be where the waterway is near a road).			parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary.		
Whangamoa River - from Graham Stream confluence to Whangamoa Inlet	Biodiversity Recreation Access Hazard mitigation	10 metres true right (near road) and 5 metres true left, but 20 metres on true right where the riverbank is within 20 metres of the legal road, or	20 metres both sides within Inanga spawning area identified on Nelson Plan Maps, and 20 metres both sides thereafter.	Maximum channel capacity required is Q100.  Need 20 metres on top of both banks and also river bed for any	20 metres strip as measured from the top of each bank.	1640867N, 5440677E	1640867N, 5448752E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
		<p>more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.</p> <p>Strip where esplanade is 10 metres or less, otherwise reserve (which will be where the waterway is near a road).</p>	<p>Inclusive of recreation need on one bank only.</p>	<p>future upgrades.</p>			

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Collins River - from source to Whangamoa River confluence	Recreation Biodiversity Hazard mitigation	20 metres where the riverbank is within 20 metres of the legal road, or more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result.  Reserve.	10 metres both sides to provide for threatened native fish, trout spawning and trout habitat.  Does not include recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metre strip as measured from the top of each bank.  Where a legal road or property boundary is within 20 metres of the riverbank, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20 metres where isolated land parcels of less than the	1646914N, 5441176E	1646914N, 5443841E



Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary.		
Blunder Creek - from source to Collins River confluence	Recreation Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides. Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metres strip as measured from the top of each bank. Inclusive of recreation need on one bank only.	1645427N, 5443301E	1645427N, 5441163E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Dencker Creek - from source to Whangamoa River confluence	Recreation Biodiversity Hazard mitigation	20 metres where the riverbank is within 20 metres of the legal road, or more than 20 metres where isolated land parcels of less than the minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result. Reserve.	10 metres both sides.  Exclusive of recreation need.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metre strip on true left and 10 metres on true right.  Where a legal road or property boundary is within 20 metres of the riverbank, the requirement is equivalent to the distance between the riverbank and the closest road boundary or property boundary.  Potentially more than 20 metres where isolated land parcels of less than the	1646342N, 5444736E	1646342N, 5445676E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
					minimum allotment area for a controlled activity subdivision in the relevant zone would otherwise result given the location of the road reserve or property boundary.		
Elizabeth Stream - from source to Whangamoa River confluence	Biodiversity Hazard mitigation	None required.	10 metres both sides.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metre strip as measured from the top of each bank.	1646894N, 5447906E	1646894N, 5447711E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Frenchmans Stream - from source to Whangamoa Inlet	Recreation Biodiversity Hazard mitigation	5 metres one side to be negotiated with landowner.	20 metres both sides within Ūnanga spawning areas identified on Nelson Plan Maps, and 10 metres both sides thereafter.  Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metres strip as measured from the top of each bank, within Ūnanga spawning areas identified on Nelson Plan Maps, and 10 metres both sides thereafter.  Inclusive of recreation need on one bank only.	1649144N, 5449710E	1649144N, 5449440E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Toi Toi Stream - from source to Whangamoa Inlet	Recreation Biodiversity Hazard mitigation	5 metres one side.	20 metres both sides within Tnanga spawning areas identified on Nelson Plan Maps, and 10 metres both sides thereafter.  Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100.  Need 10 metres on top of both banks and also river bed for any future upgrades.	20 metres strip as measured from the top of each bank, within Tnanga spawning areas identified on Nelson Plan Maps, and 10 metres both sides thereafter.  Inclusive of recreation need on one bank only.	1647713N, 5450326E	1647713N, 5449558E

Component	Values	Proposed recreation requirement	Proposed biodiversity requirement	Proposed natural hazard mitigation requirement	Final esplanade requirement	Start	End
Omokau Bay Stream - South Branch - from source to Omokau Bay Stream confluence	Recreation Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides. Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metre strip as measured from the top of each bank and also practical recreation access on south branch.	1649255N, 5450233E	1649255N, 5451462E
Omokau Bay Stream - from source to mouth	Recreation Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides. Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metre strip as measured from the top of each bank and also practical recreation access on south branch.	1649739N, 5452259E	1649739N, 5452670E

<b>Component</b>	<b>Values</b>	<b>Proposed recreation requirement</b>	<b>Proposed biodiversity requirement</b>	<b>Proposed natural hazard mitigation requirement</b>	<b>Final esplanade requirement</b>	<b>Start</b>	<b>End</b>
Oananga Bay Stream - South Branch - from source to mouth	Recreation Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides. Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metre strip as measured from the top of each bank and also practical recreation access.	1650029N, 5453001E	1650029N, 5453742E
Oananga Bay Stream - North Branch - from source to Oananga Bay Stream - South Branch confluence	Recreation Access Biodiversity Hazard mitigation	5 metres to be negotiated with landowner.	10 metres both sides. Inclusive of recreation need on one bank only.	Maximum channel capacity required is Q100. Need 10 metres on top of both banks and also river bed for any future upgrades.	10 metre strip as measured from the top of each bank and also practical recreation access.	1650212N, 5453560E	1650212N, 5453584E

