

Report No:	RESC11-09-12
File No:	R650
Date:	15 September 2011
<b>Information Only – no decision required</b>	

## REPORT SUMMARY

**Report to:** Engineering Services  
**Meeting Date:** 15 September 2011  
**Report Author:** Philip Drummond, Rivers/Transportation Engineer  
**Subject:** Rivers Update

### EXECUTIVE SUMMARY

The extraordinary flood events of December 2010 coupled with the high rainfall recorded throughout the district from December through to June 2011 have had a major effect on river related works.

During that same period the incumbent river maintenance contractor declined to roll-over the contract.

By the end of June 2011, the rivers maintenance team had managed the completion of the works from the Annual Operating Maintenance Programme (AOMP) scheduled a major portion of the extraordinary flood damage works, and managed the tendering and contract acceptance process for the next 3-5 year term for a rivers maintenance contractor.

### RECOMMENDATION/S

**That the report be received.**

### DRAFT RESOLUTION

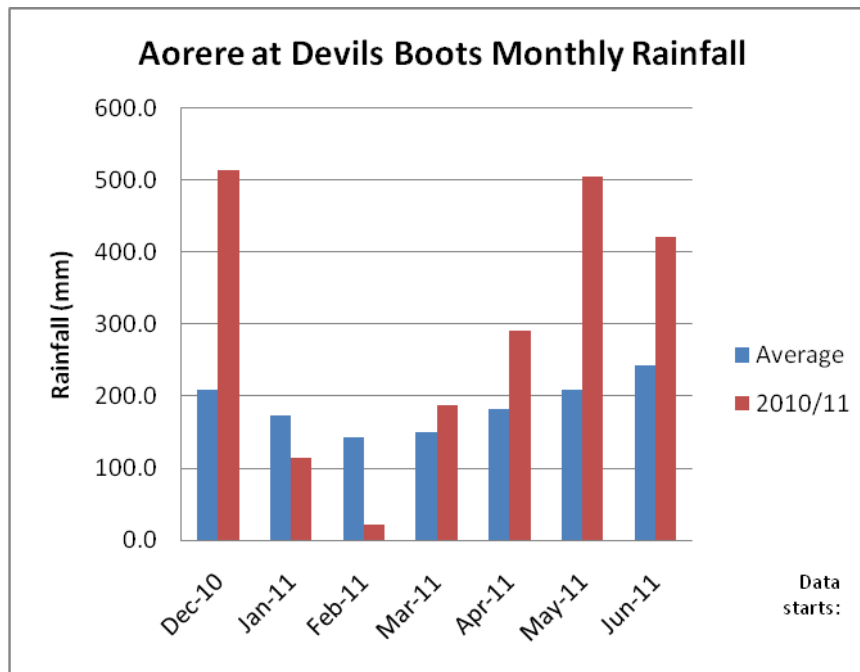
**THAT the Engineering Services Committee receives the Rivers Update report RESC11-09-12.**

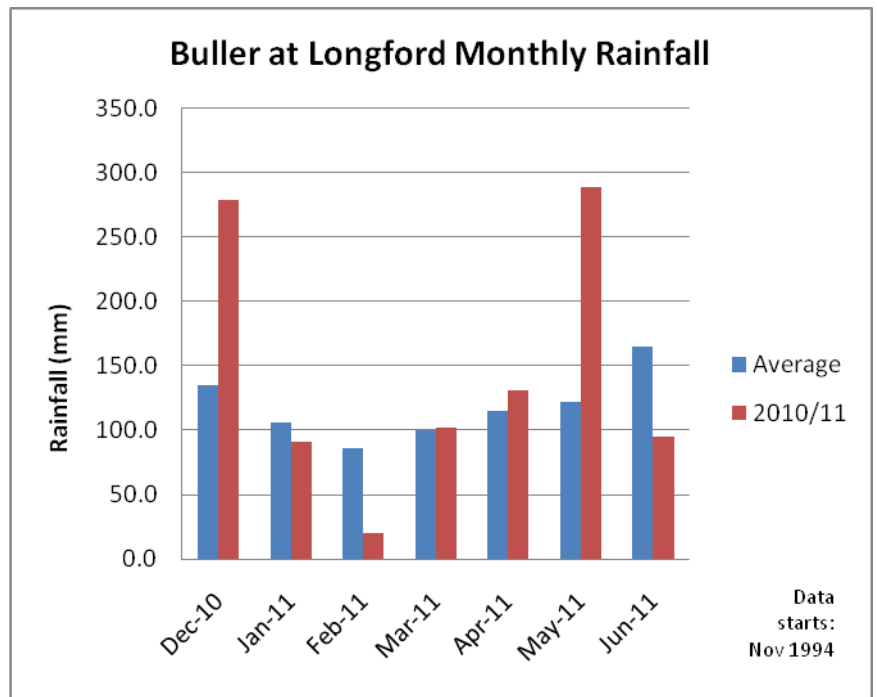
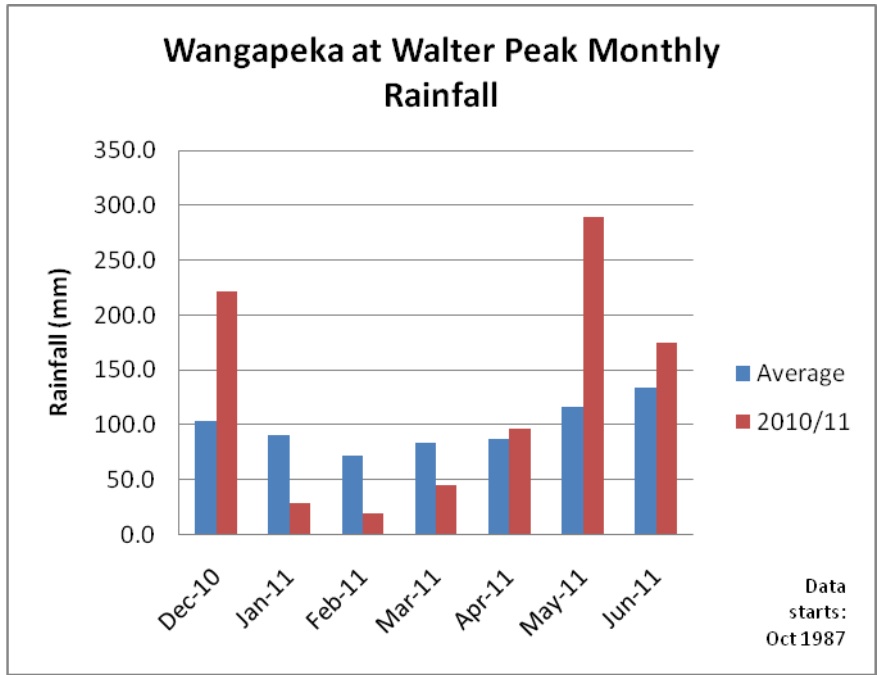
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## 1. Background

1.1 The extraordinary flood events of 28 December 2010 (Aorere 170 year return period = AEP 0.059 %) and 4 April 2011 (Aorere 4 year return period = 0.25% AEP) coupled with the high rainfall recorded throughout the district from December through to June 2011 have had a major effect on river related works. Repair works have needed to be managed through challenging access problems.





- 1.2 During that same period the incumbent river maintenance contractor advised that although they had qualified for the next one year roll-over of the contract, they would not be accepting the opportunity.
- 1.3 By the end of the 2010-11 year, the rivers maintenance team had managed the completion of the works from the Annual Operating Maintenance Programme (AOMP) (\$1.4 million), scheduled a major portion of the extraordinary flood damage works, and managed the tendering and contract acceptance process for the next 3-5 year term for a rivers maintenance contractor.

- 1.4 We have welcomed Taylors Contracting as our new contractor. This is the first time ever that this work has been let outside the crew that originally came from the Nelson Catchment Board. John Ellis and his team need to be acknowledged for their long service.
- 1.5 Criteria for Civil Defence funding for flood damage on “Y” Classified sections of river was given a clear direction on emergency works and for what qualified for remedial works on existing structures. Approval and construction of \$900,000 worth of repair works to these areas was completed by 30 June 2011.
- 1.6 However much of the damage occurred in “Z” rated areas. These are areas that are not covered by Council’s disaster fund. Consequently it was found that Council was unable to fund any repairs in these areas until new funding was specifically allocated during an annual budgeting process. Tendering for contracts that were to be let in April 2011 had to be rescheduled for after 1 July 2011 when Council’s 2011-12 budget had been approved. These works were further limited by the fact that some claims were unable to be part funded by Civil Defence because they are sites with no previous works in place. Subsidy rates will vary.
- 1.7 Many of the outstanding works in the “Z” rated areas on the Aorere River have now been approved on a 60:20:20 % basis. However a portion of the works in this category has to be funded on a needs basis and Tasman District Council also needs to set a subsidy rate where the landowner pays for a minimum of 50% of the costs. Two other packages in the Wangapeka and Murchison areas will be let by mid September 2011. Obtaining risk management agreements for land entry and contractual acceptance of on-farm costs has involved a number of return visits to landowners. This has not been an easy task for all of those involved. However ground conditions have improved during August and rock trucks are now able to reach most sites across paddocks that would have been damaged earlier.
- 1.8 Applications for claims are being received in August from landowners who were unaware that they would have to make personal contact rather than every landowner being contacted by Tasman District Council staff.

**Flood Damage  
December 2010 – April 2011**

Location	Applicant	Estimated total cost (\$)	Civil Defence (60%) (\$)	TDC (20%) (\$)	Landowner (20%) (\$)
<b>River Y</b>					
Aorere - Main Community	D C & N C Riley	600,000.00	360,000.00	120,000.00	120,000.00
Aorere Mouth	Collingwood Camp Ground	6,000.00	3,600.00	1,200.00	1,200.00
Aorere Riverglen	Paul Storer	70,000.00	42,000.00	14,000.00	14,000.00
Aorere	S G Riley	83,200.00	49,920.00	16,640.00	16,640.00
Aorere - 3 Sites	M J Pomeroy	38,900.00	23,340.00	7,780.00	7,780.00
Aorere - 2 Sites	R V Swafford	44,800.00	26,880.00	8,960.00	8,960.00
Aorere	Nalder Rockville 2008	26,900.00	16,140.00	5,380.00	5,380.00
Kaituna	A Curnow	16,600.00	9,960.00	3,320.00	3,320.00
		886,400.00	531,840.00	177,280.00	177,280.00
<b>River Z - Previous Assets</b>					
Aorere Rockville	C McLellan	20,000.00	\$12,000.00	\$4,000.00	4,000.00
Turimawivi	D G & N D Harwood	17,000.00	10,200.00	3,400.00	3,400.00
Wangapeka	Mitch Irvine	35,000.00	21,000.00	7,000.00	7,000.00
Wangapeka	Mitch Irvine	20,000.00	12,000.00	4,000.00	4,000.00
Wangapeka	Mitch Irvine	25,000.00	15,000.00	5,000.00	5,000.00
Wangapeka	D Trafford	45,000.00	27,000.00	9,000.00	9,000.00
Wangapeka	D Trafford	50,000.00	30,000.00	10,000.00	10,000.00
Wangapeka	M Newcombe	60,000.00	36,000.00	12,000.00	12,000.00
Wangapeka	J Clark	30,000.00	18,000.00	6,000.00	6,000.00
Matakitaki	Thomas Farms	17,000.00	10,200.00	3,400.00	3,400.00
Matakitaki	Thomas Farms	15,000.00	9,000.00	3,000.00	3,000.00
Matakitaki	Thomas Farms	18,000.00	10,800.00	3,600.00	3,600.00
Matakitaki	Thomas Farms	25,000.00	15,000.00	5,000.00	5,000.00

Location	Applicant	Estimated total cost (\$)	Civil Defence (60%) (\$)	TDC (20%) (\$)	Landowner (20%) (\$)
Matakitaki	H Hundhammer	20,000.00	12,000.00	4,000.00	4,000.00
6 Mile Creek	H Hundhammer	7,000.00	4,200.00	1,400.00	1,400.00
Upper Buller	R Taplin	65,000.00	39,000.00	13,000.00	13,000.00
Upper Buller	Thomas Bros	22,000.00	13,200.00	4,400.00	4,400.00
Mangles	R Borcovsky	20,000.00	12,000.00	4,000.00	4,000.00
Mangles	R Borcovsky	16,000.00	9,600.00	3,200.00	3,200.00
Mangles	R Borcovsky	20,000.00	12,000.00	4,000.00	4,000.00
Mole Stream	Mt Ella Station	5,000.00	3,000.00	1,000.00	1,000.00
Aorere Upper	Nalder Quartz & Island	191,000.00	114,600.00	38,200.00	38,200.00
Aorere Upper	D Riley	26,000.00	15,600.00	5,200.00	5,200.00
Aorere Upper	D Baker	33,000.00	19,800.00	6,600.00	6,600.00
Aorere Bainham	Nalder Holding Bainham	242,000.00	145,200.00	48,400.00	48,400.00
Stoney Creek	S & J Thompson	2,500.00	1,500.00	500.00	500.00
Go-Ahead Creek	Terry Langford	6,000.00	3,600.00	1,200.00	1,200.00
Rameka Creek	J & P Sim	1,000.00	600.00	200.00	200.00
Rameka Creek	P & L Coughlan	2,000.00	1,200.00	400.00	400.00
Rameka Creek	I J Rhodes	2,000.00	1,200.00	400.00	400.00
Rameka Creek	F & K Baigent	2,000.00	1,200.00	400.00	400.00
Rameka Creek	R Baigent	2,000.00	1,200.00	400.00	400.00
Rameka Creek	P & I Langford	2,000.00	1,200.00	400.00	400.00
Rameka Creek	D & J Bradley	2,000.00	1,200.00	400.00	400.00
Waingaro Upper	T & M Powell	10,000.00	6,000.00	2,000.00	2,000.00
Sam Creek	Ross Lindsay	5,100.00	3,060.00	1,020.00	1,020.00
Howard	Warwick Newman	7,500.00	4,500.00	1,500.00	1,500.00
Howard	John Arbuckle	4,000.00	2,400.00	800.00	800.00
		1,092,100.00	655,260.00	218,420.00	218,420.00
	Sub Total	1,978,500.00	1,187,100.00	395,700.00	395,700.00

Location	Applicant	Estimated total cost (\$)	Civil Defence (60%) (\$)	TDC (20%) (\$)	Landowner (20%) (\$)
<b>River Y - No Asset</b>	Change of character				
Location	Applicant	Estimated total cost (\$)	Civil Defence (60%) (\$)	TDC (20%) (\$)	Landowner (20%) (\$)
Aorere Special Case	M H McKay	65,000.00	39,000.00	13,000.00	13,000.00
Dove River	Mark Cockburn	10,000.00	6,000.00	5,000.00	5,000.00
Dove River	John Drummond	10,000.00	6,000.00	5,000.00	5,000.00
		85,000.00	51,000.00	23,000.00	23,000.00
	<i>SUBTOTALS To be agreed:</i>	<i>2,063,500.00</i>	<i>1,238,100.00</i>	<i>418,700.00</i>	<i>418,700.00</i>

FLOOD DAMAGE NOT COVERED UNDER CIVIL DEFENCE from events 28 December 2010 to 4 April 2011					
Location	Applicant	Estimated total cost		TDC (50%)	Landowner (50%)
<b>River Z Standard</b>					
Marahau River	Weldt/Hollingworth	3,000.00		1,500.00	1,500.00
Marahau River	Ritchny/Horn	6,000.00		3,000.00	3,000.00
Rappahannock	Brian Dymock	10,000.00		5,000.00	5,000.00
Stopbank Waimea	Fergus O'Connor	10,000.00		5,000.00	5,000.00
Quail Valley	Butch Shaw	20,000.00		10,000.00	10,000.00
Upper Moutere	Tony McCaa	10,000.00		5,000.00	5,000.00
Pigeon Valley Sth	Murray Malone	3,000.00		1,500.00	1,500.00
88 Valley Stream	Craig & Tracey Heywood	5,000.00		2,500.00	2,500.00
Motupiko River	Jack Kingston (Clark Vly)	15,000.00		7,500.00	7,500.00
Wainui River	Mike Robertson	10,000.00		5,000.00	5,000.00
88 Valley Stream	Larry Short (Baigent Res)	5,000.00		2,500.00	2,500.00
Anatoki	Anatoki Salmon	10,000.00		5,000.00	5,000.00
Anatoki	Rainbow Community	10,000.00		5,000.00	5,000.00
Morley Creek	Paul Storer	12,000.00		6,000.00	6,000.00
Youngs Creek	Paul Storer	3,000.00		1,500.00	1,500.00
Maud & Maggie	Mark Murphy	5,000.00		2,500.00	2,500.00
Speargrass	D Thorneycroft	5,000.00		2,500.00	2,500.00
		<i>SUBTOTALS</i>		71,000.00	71,000.00



OTHER RIVER Z APPLICATIONS				
Location	Applicant	Estimated total cost		TDC (50%) Landowner (50%)
Powley Creek Channel	Daniel Knapp	3,840.00		1,920.00 1,920.00
Mariua River	Hirere Farm Ltd	14,650.00		7,325.00 7,325.00
Wangapeka River	J Thomas	26,400.00		13,200.00 13,200.00
Tributary of Moutere River	A&F Jessop	2,500.00		1,250.00 1,250.00
		<i>SUBTOTALS</i>		23,695.00 23,695.00
		<b>Total Civil Defence</b>	<b>\$1,769,940.00</b>	
		<b>Total Tasman District Council</b>	<b>\$513,395.00</b>	

**5. RECOMMENDATION**

That the report is received.

**6. DRAFT RESOLUTION**

**THAT the Engineering Services Committee receives the Rivers Update report RESC11-09-12.**