



**Ordinary meeting of the**  
**Forestry Advisory Group**  
***Rōpū Aratohu mō te Mahi Ngahere***

Date:	Wednesday 27 November 2019
Time:	3.00p.m.
Location:	Rūma Waimārama, Floor 2A Civic House, 110 Trafalgar Street Nelson

**Agenda**  
***Rārangi take***

**Membership**      Mr John Murray (Chairperson)  
Her Worship the Mayor Rachel Reese  
Cr Rachel Sanson  
Independent Forestry Expert, Peter Gorman  
Group Manager Infrastructure, Alec Louverdis

Quorum: 4, comprising the Chair and one elected member (decision makers), plus one Council officer and the independent forestry expert (for advice only)

**Pat Dougherty**  
**Chief Executive**

Nelson City Council Disclaimer

Please note that the contents of these Council and Committee Agendas have yet to be considered by Council and officer recommendations may be altered or changed by the Council/Committee in the process of making the formal Council decision.

## **Forestry Advisory Group Delegations**

This is a subordinate decision making body that reports to the Governance and Finance Committee

### **Areas of Responsibility:**

- All matters relating to the commercial forestry operational portfolio including environmental issues

### **Powers to Decide:**

- In accordance with Council's Annual Plan and Long Term Plan:
  - Approval of forestry and harvesting management strategy and plans
  - Approval of the engagement of contractors/consultants and forestry tenders

### **Powers to Recommend to Governance and Finance Committee:**

- Any actions relating to the oversight of all matters relating to the commercial forestry portfolio, falling outside the powers to decide, including:
  - Approval of forestry related budgets; and
  - Any other matters relating to continuing commercial forestry operations.

For the Terms of Reference for the Forestry Advisory Group please refer to document A1739267.

**1. Apologies**

Nil

**2. Confirmation of Order of Business****3. Interests**

3.1 Updates to the Interests Register

3.2 Identify any conflicts of interest in the agenda

**4. Forestry Update - Number 10****5 - 21**

Document number R11486

Recommendation

***That the Forestry Advisory Group***

- 1. Receives the report Forestry Update - Number 10 (R11486) and its Attachments (A2300487, A2299972 and A2300520); and***
- 2. Agrees, with respect to the privately owned Brook Block adjacent to the Council owned block (22/06) to be harvested, that the proposal from the landowner for PF Olsen to undertake the harvesting of that block is not financially beneficial to Council and that the landowner be advised accordingly; and***
- 3. Notes that PF Olsen logging trucks for Brook harvesting will not use Milton Street but will use Nile, Collingwood and Halifax as the preferred route to the Port noting in addition that Nile Street will not be used during school drop off and collection times; and***
- 4. Notes the revised planned harvesting of the Tantragee block to mid-2020; and***

5. **Notes the revised harvesting dates for the Brook blocks after consultation with stakeholders and concessionaries; and**
6. **Agrees to the change in recommendation to the Brook/York Landfill block fire risk assessment from a new fire break to a regular mowing regime; and**
7. **Notes that the native seedlings ordered to replant the Brook blocks that were to be harvested (and converted to alternate use) between October-December 2019, will be used elsewhere.**

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## **Forestry Update - Number 10**

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### **1. Purpose of Report**

- 1.1 To provide an update to the Forestry Advisory Group (Group) on forestry activities since Council adopted the Forestry Review recommendations in September 2016 and since the September 2019 update.

### **2. Recommendation**

***That the Forestry Advisory Group***

- 1. Receives the report Forestry Update - Number 10 (R11486) and its Attachments (A2300487, A2299972 and A2300520); and***
- 2. Agrees with respect to the privately owned Brook Block adjacent to the Council owned block (22/06) to be harvested, that the proposal from the landowner for PF Olsen to undertake the harvesting of that block is not financially beneficial to Council and that the landowner be advised accordingly; and***
- 3. Notes that PF Olsen logging trucks for Brook harvesting will not use Milton Street but will use Nile, Collingwood and Halifax as the preferred route to the Port noting in addition that Nile Street will not be used during school drop off and collection times; and***
- 4. Notes the revised planned harvesting of the Tantragee block to mid-2020; and***
- 5. Notes the revised harvesting dates for the Brook blocks after consultation with stakeholders and concessionaries; and***

6. ***Agrees to the change in recommendation to the Brook/York Landfill block fire risk assessment from a new fire break to a regular mowing regime; and***
7. ***Notes that the native seedlings ordered to replant the Brook blocks that were to be harvested (and converted to alternate use) between October-December 2019, will be used elsewhere.***

### 3. Douglas Fir Harvesting and Poisoning

- 3.1 Update is detailed below. Only outstanding items are shown in the table.

block/stand/species/area	Status
Brook/22.08/D Fir/3.4Ha	Harvesting date to be revised and will be advised at the meeting.
Maitai/9.01/D Fir/4.3Ha	Group resolved in Sept 2018 to consider harvesting the remaining 3Ha in 2022 & to re-plant the rest of the block in radiata.
Marsden/42.06/D Fir/20.3Ha	Group resolved that this block not be cleared until the trees can be commercially harvested around 2027 with a review in 2022.

#### **Tantragee Block (Brook) harvesting**

- 3.2 The Group resolved in April 2019 as follows:

*"Approves a site-specific harvesting option in principle (A2171177) with respect to the Tantragee Block that will allow consultation with the residents to commence, noting that the final plan will be presented to the Forestry Advisory Group"*

- 3.3 Poisoning of trees for stage one is complete with stage 2 to commence in the winter of 2020. One resident has advised that *"The poisoned ones are looking amazingly sick....well done"*.
- 3.4 Following the initial public consultation meeting with residents on 27 May and several follow up meetings to discuss hours of work, PFOlsen developed and presented a harvesting plan for Zone 4 to residents on 28 August 2019. That plan set the harvesting date to January 2020, but as a result of the deferment of harvesting in the Brook (refer to item 8) the revised date for this harvesting has been tentatively set for some time in 2020 (potentially mid 2020).
- 3.5 All residents have been advised of the change in date via a group email.

#### **4. Tasman Pine Forests and Waahi Taakaro harvesting**

- 4.1 The small area of Council owned forest adjacent to the Waahi Taakaro golf club has yet to be harvested by Tasman Pine Forests as part of their larger block.

#### **5. Fire Risk**

- 5.1 A fire risk assessment was presented to the last meeting and the team was asked to consider specifically the recommendation made with respect to the Brook/York (Landfill) block. That recommendation noted *"that there should be a fire break between the landfill and the trees to minimise the risk from the landfill"*.
- 5.2 Landvision and PF Olsen met on this matter and a site visit noted the difficulty of implementing a fire break due to the steepness of the terrain but that a regular mowing program around the landfill would be a better outcome. That work will be co-ordinated with Network Tasman's (considering their powerline corridors) mowing maintenance program.
- 5.3 The Group also requested that a meeting be held with all major stakeholders in advance of the pending summer to ascertain the protocols for potentially having to close tracks and forests that may be necessary from another dry summer (as per last year). That meeting was held on 25 November and included staff from the Communication team, Parks and Facilities team, Civil Defence and Emergency Management, Fire and Emergency, and the Nelson Mountain Bike Club. An update will be provided at the meeting.

#### **6. Health and Safety**

- 6.1 A SWO was undertaken on the Maitai block on 10 September 2019 with the Chair and officers. That assessment was logged into Council's H&S system with a very good overall assessment from all parties.

#### **7. Finance**

- 7.1 Harvesting net revenue for the quarter was \$167,316 against the full year budget of \$671,619. Refer to Attachment 1 – PF Olsen Quarterly report July-September 2019.
- 7.2 An updated summary of Council budgets is appended as Attachment 2.

#### **8. Harvesting Plans**

- 8.1 The proposed harvesting in the Brook, tentatively set for late October to end December 2019, was put on hold after it transpired that a number of concessionaries had not been fully consulted and that the harvesting was to take place over a busy summer period when the forests would be in full use. Future harvesting was discussed with recreational users and concessionaries on 25 November and an update will be provided at the

## Item 6: Forestry Update - Number 10

meeting on revised harvesting dates for Blocks 22/08, 22/02, 22/06 and 22/05.

- 8.2 The International Aorere Enduro event over 26-28 October 2019 was successful.
- 8.3 Due to delays with the contractors work schedule for the bridge construction at the Maitai River South Branch, harvesting in the Maitai will likely be deferred until the 2020/21 financial year.

### **Replanting**

- 8.4 Approximately 32,000 native seedlings have been ordered for revegetation of harvested blocks recommended for alternative species. These seedlings have been funded through the Hill Council Erosion Initiative from MPI. They were proposed for the Brook (blocks 22/05, 22/06, 21/04, the Tantragee Block and the Codgers Block) and some blanking in the Maitai Dam Blocks planted in 2019.
- 8.5 With the delay of harvesting of the Brook blocks (Blocks 22/05, 22/06 and the Tantragee Block), the replanting will be delayed. This will leave about 12,000-15,000 seedlings surplus from what has been ordered. These surplus seedlings will now be used at another site on private land run by NCC as part of the Hill Country Erosion Initiative.

### **Request from private landowner**

- 8.6 Council received a request from a private Brook Street landowner, whose property is adjacent to a Council owned Block (22/06) that is scheduled for harvesting, requesting that her pine block be harvested at the same time as Council's block. Officers put her in touch with PFOlsen noting that the harvesting of her block was a commercial arrangement and that she was free to use whoever she wanted, but that it did make sense to use the same harvester if at all possible.
- 8.7 PFOlsen have put together a proposal whereby Council purchases the trees off the neighbour with all the blocks harvested together. An offer would be made to the private landowner and if accepted this would simply be charged against the Council harvest job, with all revenue going to Council. The advantage of this proposal is that the harvest can go ahead unconstrained and more productively/cheaper.
- 8.8 PFOlsen has prepared a business plan that offers the private landowner \$10,645.71 plus GST but the landowner has indicated that they were expecting a return of around \$60,000. PFOlsen will be in attendance to talk to their proposal.

### **Logging routes**

- 8.9 Residents in Milton Street have requested that logging trucks harvesting logs in the Brook do not use Milton Street as their preferred route to the Port.



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- 8.10 Assurances have been provided to the residents that PF Olsen would not use Milton Street but would use Nile/Collingwood/Halifax with the caveat that Nile Street would not be used during school drop off and collection times. If harvesting does take place when schools are operational, there will be a need to plan operations and this may incur a cost to Council if trucks need to park up.
- 8.11 The main reason for the unsuitability of using Milton Street is that it has tight corners, narrow roads and as a consequence has logging trucks crossing the centre line.
- 8.12 Positive feedback has been received from residents who live on the Maitai forest urban trucking route in relation to PF Olsen drivers who have shown very safe and respectful driving practices.

### **9. Alternate Uses**

- 9.1 Council agreed to retire approximately 140Ha of forestry and consider alternate uses and this Group has approved the Alternate Use Plan. The planned work was presented to the last Group meeting and an update is appended as Attachment 3.

### **10. Forestry Stewardship Council Accreditation (FSC)**

- 10.1 PF Olsen has finalised the draft FSC management plan and are preparing a consultation document. Any feedback from that consultation will be considered for possible inclusion in the final plan before seeking accreditation.
- 10.2 The Group agreed that consultation would wait on the outcome of the more detailed harvest planning being carried out on the sensitive harvest areas in the Maitai, Tantragee and Marsden Valley forests and incorporating those lessons into the planning and consultation.
- 10.3 The draft consultation document will come back to the Group for sign-off in the new calendar year.

**Author: Alec Louverdis, Group Manager Infrastructure**

### **Attachments**

- Attachment 1: A2300487 - NCC Quarterly Report - Q1 - 2019-20 [↓](#)
- Attachment 2: A2299972 - Forestry Accounts 12.11.2019 [↓](#)
- Attachment 3: A2300520 - Alternative species update Nov 19 [↓](#)

<p><b>Important considerations for decision making</b></p>
<p><b>1. Fit with Purpose of Local Government</b></p> <p>The regular updates support the effective and efficient management of Council's productive forests and through best practices and sustainability contributes to Local Government well-beings of social, economic, environmental and cultural.</p>
<p><b>2. Consistency with Community Outcomes and Council Policy</b></p> <p>The Group aligns with the following outcomes: "Our Council provides leadership and is supported by an innovative and sustainable economy".</p>
<p><b>3. Risk</b></p> <p>The Group has been set up to specifically have an oversight on all things relating to forestry to reduce the risk to Council.</p>
<p><b>4. Financial impact</b></p> <p>The Group has been set up to monitor forestry activity and to manage income and expenses accordingly. All expenditure recommended in this report is in line with this oversight.</p>
<p><b>5. Degree of significance and level of engagement</b></p> <p>This update report is of low significance.</p>
<p><b>6. Climate Impact</b></p> <p>Commercial pine forestry and harvesting thereof is a sustainable practice. Where pine forests are earmarked for alternate use they will be planted in natives contributing positively to climate change.</p>
<p><b>7. Inclusion of Māori in the decision making process</b></p> <p>Maori have not been consulted as part of this report.</p>
<p><b>8. Delegations</b></p> <p>The Group's Terms of Reference powers to decide include:</p> <ul style="list-style-type: none"> <li>"a. <i>Forestry and harvesting management plans (including replanting) as prepared by the Forestry contractor and endorsed by the independent forestry external expert;</i></li> <li>b. <i>Engagement of consultants required to undertake all works necessary to guide recommendations to the Commercial Subcommittee and Council."</i></li> </ul>

## Nelson City Council - Forestry

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### Quarterly Report

Q1: July - September 2019



*Inaugural FAG field trip to harvesting in the Maitai Forest*



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## 1. Summary

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- Health and Safety**
- 3 minor incidents recorded over the period, with no particular trends of concern
  - Positive feedback from residents along Maitai urban trucking route with regards to the safe driving practises
- 

- Environmental**
- Attendance at the Maitai Forestry Forum has commenced
- 

### Harvesting

Harvesting	Q1 Actual	Full Year Budget	% Full Year Budget Achieved
Net Revenue	\$167,316	\$671,619	25
Volume	4,243	27,534	15

- Harvesting carried out in the Maitai forest
  - Some harvesting in the Brook and Maitai forests will be deferred
- 

### Forest Management

Forest Management	Q1 Actual	Full Year Budget	% Full Year Budget Achieved
Cost	\$115,418	\$845,621	14

- Planting at the Roding forest
  - Management costs for FAG duties
  - Tree poisoning costs at the Tantragee block
-

## 2. Health and Safety

### Incidents

Date	Type	Forest	Entity	Description
08/07/19	Minor Harm	Roding	Action Forest Mgmt	Planter fell over and hit his head
02/09/19	Operational Issue	Maitai	Moir Logging	Public trespass
10/09/19	Near Hit	Maitai	Borlase Transport	Truck operating on wrong radio channel

Generally a quite quarter in terms of incidents.

Positive feedback was given by residents who live on the Maitai forest urban trucking route that the truck drivers had shown very safe and respectful driving practises.

### Safety Initiatives

Throughout the period there was one 'Local Safety Meeting' held at the PF Olsen office whereby a representative from each contracted crew attended.

6 random drug and alcohol tests were carried out in NCC forestry operations over the period, all testing negative.

## 3. Environmental

### Maitai Forestry Forum

PF Olsen and NCC are providing representation on the Maitai Forestry Forum in order to improve engagement with stakeholders of the Maitai catchment.

Two meetings were held over the quarter, which has consisted of information sharing by Friends of Maitai, forestry industry, NCC and Cawthron. Future meetings will aim to work on ways of minimising sedimentation of the Maitai River.

#### 4. Harvesting

##### Financials by Forest

Maitai	Volume (Tonnes)	Net Revenue	Net Revenue per Tonne	Harvest Costs	Cost per Tonne
1 <sup>st</sup> Quarter	4,243	\$177,760	\$41.89	\$306,569	\$72.25
<b>Total</b>	<b>4,243</b>	<b>\$177,760</b>	<b>\$41.89</b>	<b>\$306,569</b>	<b>\$72.25</b>
Brook	Volume (Tonnes)	Net Revenue	Net Revenue per Tonne	Harvest Costs	Cost per Tonne
1 <sup>st</sup> Quarter	0	-10,444	0	\$10,444	0
<b>Total</b>	<b>0</b>	<b>-10,444</b>	<b>0</b>	<b>\$10,444</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>4,243</b>	<b>\$167,316</b>	<b>\$39.43</b>	<b>\$317,013</b>	<b>\$74.71</b>

##### Financials Year To Date

Current Year	YTD	Annual Budget	%	Comments
Volume (tonnes)	4,243	27,534	15	In line with expectation based on area harvested. Area harvested predicted to be lower than budget for financial year.
Net Revenue	\$167,316	\$671,619	25	
Net Revenue per tonne	\$39.43	\$24.39	162	Positive to budget predominantly due to low cost harvest area harvested.
Harvest Costs	\$317,013	\$2,501,552	13	
Harvest Costs per tonne	\$74.71	\$90.85	82	Will come in line with budget once bridge is constructed.

##### Operational Update

Harvesting was carried out solely in the Maitai forest over the period in order to take advantage of high demand for stiff logs in the domestic structural log market. A positive outcome to be able to maintain strong revenues throughout the current slump in export log prices

Harvesting in the Brook has been postponed for next Autumn/Winter when it will have less impact on recreational activities.

The remainder of Maitai harvesting may be pushed back until the 2020/21 financial year as the bridge construction has been delayed.



## 5. Forest Management

### Financials

Forest Budget	YTD	Annual Budget	Comments
Roading	\$0	\$18,421	
Land Preparation	\$0	\$0	
Establishment	\$75,203	\$170,059	Planting of 64.3ha at the Roding forest – no releasing carried out.
Tending	\$0	\$30,888	
Protection	\$0	\$0	
Property Maintenance	\$0	\$5,913	
Rates & Insurance	\$0	\$36,140	Costs paid directly by council
Admin/Management	\$3,345	\$20,000	
13554 NCC Consulting	\$15,811	\$40,000	Various consulting, including FAG involvement and public recreational management.
22085 NCC - Valuation	\$4,108	\$4,200	
22059 NCC – Tantragee Trees	\$9,568	\$500,000	Planning for Tantragee Hazardous Tree Removal project. Poisoning of some area completed.
<b>TOTAL</b>	<b>115,498</b>	<b>\$845,621</b>	

### Operational Update

Planting has been completed at the Roding forest.

No releasing was carried out on the area as manual knapsack spot spraying is too hazardous on the steep terrain, and the risk of leaching into the urban water supply is too high with aerial releasing. Instead aerial releasing will be carried out in the spring of 2020 with a different chemical mixture.

Tantragee tree removal has been postponed until harvesting in the Brook forest is completed.





## 6. Appendix 2: Wood Track Production Report

Wood Track: Forest Owner Production - Customer Deliveries By Grade

From 01/07/19 To 30/09/19

GeotUnit:

Nelson City Council

NCC Maitai - Harvest

0022384

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Building Supplies Group Limited	Eves Valley	PRAD	S25	M	21.0	621.96		

Building Supplies Group Limited - Eves Valley Total: 21.0 621.96

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Fortuna Forest Products Ltd 9	Port Nelson	PRAD	A	3.9	35.0	824.65		813.125
		PRAD	K	3.9	21.0	413.77		370.819
		PRAD	KI	3.9	13.0	246.33		219.151
		PRAD	KIS	3.0	16.0	247.16		220.792
		PRAD	KIS	3.9	13.0	258.07		209.015
		PRAD	P3	4.0	4.0	85.79		86.623
		PRAD	P40	4.0	12.0	201.35		203.987
		PRAD	P40	5.2	9.0	127.14		125.073
		PRAD	P40	6.0	1.0	14.26		14.192

Fortuna Forest Products Ltd 9 Nelson Total: 124.0 2,418.52 2,262.582

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Nelson Pine Industries Ltd	Richmond	PRAD	CH	RS	3.0	60.10		
		PRAD	LS30	5.5	5.0	78.28		
		PRAD	LVLMDX	2.7	1.0	14.44		
		PRAD	LVL MDX	5.5	21.0	492.26		

Nelson Pine Industries Ltd Total: 30.0 645.08

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Southwood NZ Ltd	Motueka	PRAD	P55	5.0	10.0	119.51		

Southwood NZ Ltd Total: 10.0 119.51

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Taylor Timbers Ltd	Hope	PRAD	P35	M	2.0	59.20		
		PRAD	P35	S	4.0	57.76		

Taylor Timbers Ltd Total: 6.0 116.96

Customer	Destination	Species	Grade	Len	Loads	Tonnes	m3	JAS
Timberlink New Zealand Limited	Blenheim	PRAD	P35	RL	11.0	276.43		
		PRAD	PP	M	3.0	44.96		

Timberlink New Zealand Limited Total: 14.0 321.41

NCC Maitai - Harvest Total: 205.0 4,243.44 2,262.582

Nelson City Council Total: 205.0 4,243.44 2,262.582

Report Total: 205.0 4,243.44 0.000 2,262.582

\*\* End Of Report \*\*

## 7. Appendix 1: Monthly Harvesting Schedule

NCC Harvesting			Estimated Harvest Schedule			November 2019		
Forest	Maitai		Brook		Total		Comments	
Month	Tonnes	Net Revenue	Tonnes	Net Revenue	Tonnes	Net Revenue		
Jul-19		-\$313			0	-\$313		
Aug-19	147	\$17,381			147	\$17,381		
Sep-19	4097	\$195,454		-\$10,444	4097	\$185,010		
Oct-19	4236	\$169,534		-\$4,467	4236	\$165,067		
Nov-19	650	\$30,000		-\$10,000	650	\$20,000		
Dec-19					0	\$0		
Jan-20					0	\$0		
Feb-20					0	\$0		
Mar-20		-\$125,000			0	-\$125,000	Maitai Bridge	
Apr-20		-\$125,000			0	-\$125,000	Maitai Bridge	
May-20					0	\$0		
Jun-20					0	\$0		
<b>Total</b>	<b>9130</b>	<b>\$162,056</b>	<b>0</b>	<b>-\$24,911</b>	<b>9130</b>	<b>\$137,145</b>		

General Notes  
- the rest of the Maitai and Brook harvesting has been deferred until the next financial year

## Item 6: Forestry Update - Number 10: Attachment 2

Account	Year to Date Actuals (October 2019)	Year to Date Operating Budget (October 2019)	Forecast Actuals 2019/20	Total Operating Budget 2019/20
<b>Grand Total</b>	<b>(52,496)</b>	<b>74,123</b>	<b>918,241</b>	<b>422,526</b>
<b>Income</b>	<b>(484,329)</b>	<b>(455,620)</b>	<b>(560,000)</b>	<b>(2,680,116)</b>
<b>Other Income</b>	<b>(484,329)</b>	<b>(455,620)</b>	<b>(560,000)</b>	<b>(2,680,116)</b>
154005100233. Maitai Forest	(484,329)	(455,620)	(560,000)	(2,680,116)
<b>Expenses</b>	<b>431,832</b>	<b>529,743</b>	<b>1,478,241</b>	<b>3,102,642</b>
<b>Staff Operating Expenditure</b>	<b>1,970</b>	<b>3,604</b>	<b>3,604</b>	<b>10,805</b>
<b>Base Expenditure</b>	<b>424,954</b>	<b>517,471</b>	<b>948,637</b>	<b>2,565,837</b>
154020190232. Forest management: Brook/York	6,923	2,916	8,750	8,750
154020190233. Forest management: Maitai	0	34,600	40,000	103,800
154020190235. Forest management: Roding	72,638	29,468	100,000	88,400
154020190800. Forest management: General	11,800	44,200	132,600	132,600
154023100232. Brook/York Valley Harvest Costs	0	0	25,000	0
154023100233. Maitai Harvest Costs	306,569	374,000	610,000	2,200,000
154023100235. Roding Harvest Costs	6,586	0	0	0
15402621. Rates	5,146	6,187	6,187	6,187
15402637. Insurance	13,472	26,100	26,100	26,100
15402693. Admin (advertising, mapping, H&S)	1,820	0	0	0
<b>Unprogrammed Expenses</b>	<b>4,909</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>
154033100232. Tantragee Hazardous tree removal	4,909	0	500,000	500,000
<b>Programmed Expenses</b>	<b>0</b>	<b>8,668</b>	<b>26,000</b>	<b>26,000</b>
154040160232. Forestry Disestablishment: Brook/York	0	5,000	15,000	15,000
154040160233. Forestry Disestablishment: Maitai	0	668	2,000	2,000
154040160234. Forestry Disestablishment: Roding	0	1,332	4,000	4,000
154040160235. Forestry Disestablishment: General	0	0	0	0
154040168020. Forestry disestablishment	0	1,668	5,000	5,000

Forestry Accounts 12.11.2019 - YTD Actuals vs Budget 2019.20 (A2299142).xlsx

## Item 6: Forestry Update - Number 10: Attachment 3

### Alternative species update – Aug 2019

Forest	Compartment	Alternative species recommendation	Comments Aug 19	Comments Nov 19
Brook	22/05	Indigenous Revegetation	Proposed harvest Oct 19 0.7 ha estimated. To be planted winter 2020 Seedlings ordered.	Harvest delayed along with the replanting. Seedlings will be used on a hill country erosion project within NCC.
Brook	22/06	Indigenous Revegetation	3.5 ha. To be planted winter 2020. Seedlings ordered.	
Brook	22/08	Natural Regeneration	3.4 ha Need to determine the ability of the block to naturally regenerate and the risk of developing into a gorse block. This block may need a combination of "light" indigenous revegetation and natural regeneration to satisfy the ETS commitments which have not been budgeted for.	Harvest delayed.
Brook	22/02	Natural Regeneration	3.3 ha Need to determine the ability of the block to naturally regenerate and the risk of developing into a gorse block. This block may need a combination of "light" indigenous revegetation and natural regeneration to satisfy the ETS commitments which have not been budgeted for.	
Brook	21/04	Indigenous Revegetation	18.6 ha in total. Sprayed April 2019 – reasonable kill but some regrowth appearing particularly against the mature kanuka. Planted just under half the block this winter with 9000 Kanuka and totara seedlings (the area with smaller gorse). Cost of planting was more expensive than expected due to the gorse and the Tasman fire. It is propose to line cut the old man gorse this summer for planting the next winter. This area will be aerially sprayed in the autumn. Seedlings ordered.	About to investigate the line cutting and to be completed by late march-mid April depending on the fire season.
Brook	Tantragee Block	Indigenous Revegetation	Proposed to plant the area harvested and enhancement plant around poisoned trees in 2020. Seedlings ordered.	Harvest delayed along with the replanting. Seedlings will be used on a hill country erosion project within NCC.
Brook	Codgers	Indigenous Revegetation	Continuation of revegetation programme for 2020 winter. Weed control of plantings undertaken in 2019 required.	The seedlings have had one release spraying and have been fertilised.

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## Item 6: Forestry Update - Number 10: Attachment 3

			<p>Excellent response from community over works undertaken this winter where the area was mulched and about 5000 seedlings planted.</p> <p>In consultation with the NMBC they have corporates interested in sponsorship for plantings in the Codgers area.</p>	<p>Climbing weeds (mostly old man's beard) have invaded some seedlings. Proposed to approach the Mountain Bike Club to hand release any seedlings with climbing weeds.</p> <p>Proposed to investigate further mulching for December before the fire season (dependent on contractor availability).</p>
Maitai Dam	9/02 & 9/04	Indigenous Revegetation	<p>Approximately 14,170 seedlings (Kanuka, totara, kahikatea) were planted in the cutover.</p> <p>In addition about 600 seedlings were planted in a community planting day. These have been released and there have been some losses from frost.</p> <p>Some blanking is proposed for 2020 winter.</p>	Plantings being monitored for weed control.

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