

## **Raupo Drainage Operations - January 2021 update**

**Meeting:** Raupo Drainage Committee  
**Date of meeting:** 18 February 2021  
**Reporting officer:** Brian Armstrong, Acting Water and Waste Manager

### **Purpose/Ngā whāinga**

To update the Committee on operations activities of the Raupo Drainage district.

### **Recommendation/Ngā tūtohunga**

That the Raupo Drainage Committee:

- a) Notes the Raupo Drainage Operations - January 2021 update report.

### **Discussion/Ngā kōrerorero**

#### **Flood Gates**

- Stainless steel wire rope has been fitted to the new, small door lifting winches recently installed on flood gates 53,54 and 2.
- A Wattle tree has been removed from the Flood gate 53 inlet area. While on site poles left over from the flood gate 53 replacement were transported to the Raupo yard.
- Repairs have been made to a flood gate discharging into K canal, in the road reserve area on SH12, beside the Ball property. Flood gate outlets No 59 and 30 were also cleaned at this time but will require further work due to slipping.
- A padlock has been fitted to the sluice gate section of the boat marina flood gate, to prevent unauthorised use of the sluice.
- Recent repairs to the bridge abutments at Sunrise bridge SH12, has resulted in tidal ingress along the road side drain. This is to be investigated by hi ways.
- Barfoote construction have completed the replacement of Flood gate No 33 (Raupo Landing / Gent ). The Flood gate is made up of pre-cast inlet and outlet head walls and floor with, 1.2m diameter culverts at 7.5m long. A new door has been fabricated by Crompton engineering.

#### **Machine cleaning**

- Machine clearing of the drain berm for spray access, has been completed on drain No53 (Eastern hills cut-off) from SH12 to Te Kowhai road.
- Prices have been obtained for a daily rate to clean drains 82,85,83, and 102 along SH12. We are currently waiting for a response from Hi ways regarding other works being done at the same time.

#### **Stop Banks**

Stop bank improvements, 140m long x 7.5m wide, have been completed between Simpson road and Wilson Landing road. This section was raised to a pre settlement height of around 3.9m > 4.0m above MSL, with 3116 ton of limestone stripping's at \$7.00 per ton. Once compacted and shaped crushed limestone ( 83ton ) was used to reinstate the running track. This completes this centre section bank with an area from Wilson Landing to the front of the sea wall to complete. Levels have been taken of this area for next seasons work.

Debris removal and spall placement has been completed along the stop bank from Awaroa to the Ruawai Wharf. Trees from the borrow pit area were removed at this time.

### **Pumps**

The Wallace road pump is to be lifted for inspection prior to winter.

### **Drain Spray**

Contract drain spraying has been completed in the district apart from sections of K canal.

## **Significance and engagement/Hirahira me ngā whakapāpā**

The decisions or matters of this report do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via agenda on the website.

## **Attachments/Ngā tapiritanga**

A	Financial Report



2020 > 21	RAUPO FLOODGATES	GL Code 179 2041 01		Budget	24996.00
Date		Contractor	Invoice	O/n	
Jul-20	Reverse accrual	Hart			-910.00
Jul-20	Remove debris from flood gate F/g 44 ( Mabbit )	Crompton	16458	108415	200.00
Jul-20	Remove Debris town flood gate No 38 Remove rocks	Crompton	16461	108418	75.00
Jul-20	Check for debris No1 Lift 3 x gates	Crompton	16462	108419	90.00
Jul-20	Remove Debris town flood gate No 38 Remove rocks	Crompton	16465	108420	60.00
Jul-20	Remove Debris Flood gate 55 Burgess Island	Crompton	16466	108434	110.00
Jul-20	Remove debris town Flood gate (Wayne/Willey 11.30pm)	Crompton	16467	108435	180.00
Aug-20	Install flood gate Ringrose Batcher property	Hart	33226	107748	912.50
Aug-20	Trailer Hire Deliver culvert > Crompton Eng	NW Hire	5583	107545	60.87
Aug-20	Fabricate pulley blocks/door eye bolts for flood gates	Crompton	16476	108921	1062.66
Sep-20	Fit door sealing rubber Flood gate No 41	Crompton	16459	108416	405.00
Sep-20	NRC Resource consent F/g outlets AUT.018539.01.01	NRC	1752643	108744	98.26
Sep-20	Mount Flood gate door lifting winch No 54 ( Reid )	Crompton	16481	109197	236.56
Oct-20	Service and repairs to door lift winch No 5 ( Mabbitt )	Crompton	16483	109198	2890.91
Oct-20	Mount Flood gate door lifting winch No 53 ( f/gate rd )	Crompton	16480	109196	334.56
Oct-20	Shift access ladder from above door to wing wall F/g 2 Gent	Crompton	16486	109496	327.80
Oct-20	Galv shackle town Flood gate	Crompton	16488	109497	7.90
Oct-20	Refurbish F/g door lifting winch,mounts,pulleys F/g No 39	Crompton	16490	109499	1705.84
Oct-20	Refurbish F/g door lifting winch,mounts,pulleys F/g No 6	Crompton	16491	109500	1813.18
Dec-20	Fit new hangers , brackets & pins M Evans Flood gate	Crompton	16500	109872	1914.82
Dec-20	Sand blast & paint door lifting pole F/gate 24	Crompton	16492	109863	158.00
Dec-20	Service door lift winch pulley Blast and paint Flood gate No 11	Crompton	16493	109864	715.83
Dec-20	Remove damaged access ladder & repair F/gate 45 Wilson Landing	Crompton	16494	109865	595.00
Dec-20	Fabricate and fit new door Mabbit flood gate	Crompton	16495	109866	1835.74
Dec-20	Supply 50 m SS wire rope (Door lift winches )	Crompton	16496	109867	212.76
Dec-20	Fit wire rope to door lift winch Flood gate 53 Flood gate Rd	Crompton	16497	109868	70.00
Dec-20	Fit wire rope to door lift winch Flood gate 54 Tekowhai Reid	Crompton	16498	109869	70.00
Dec-20	Fit new ladder ass Flood gate 45 Wilson landing	Crompton	16499	109870	306.54
				YTD	<u>15539.73</u>

2020 > 21	RAUPO FLOODGATES	GL Code 179 2041 01			Budget	24996.00
Date			Contractor	Invoice	O/n	
					YTD	15539.73
Dec-20	Supply Geotex cloth ( Ball Flood gate )		Harrison	19195	110162	40.80
Dec-20	Repairs Ball Flood gate K Canal Machine clean outlets		T Jenyns	211	109875	2180.00
Jan-21	Remove wattle tree Wattle tree F/gate 53 Reid TeKowhai		T Jenyns	213	109605	350.00
Jan-21	Deliver lime stone strippings Ball property Flood gate		Ruawai Trans	5105	110166	79.10
Jan-21	Fit padlock to Boat Marina Flood gate sluice gate		Crompton		110602	38.99
Jan-21	Repairs F/gate beside SH12 bridge ( Bali property )		Crompton		110603	7.77
Jan-21	Annual inspections Raupo Flood gates		Crompton		110604	2240.00
						<b>20476.39</b>
	<i>Not on bal sheet yet</i>					
Jan-21	<b>Fabricate new F/gate door F/g 33 Sand blast and paint</b>		<b>Crompton Eng</b>	<b>18505</b>	<b>110605</b>	<b>1734.25</b>
Jan-21	<b>Supply Galv washers and coach screws</b>		<b>Crompton Eng</b>	<b>18506</b>	<b>110606</b>	<b>27.40</b>
						<b>22238.04</b>

2020 > 21	RAUPO MACHINE CLEAN	GL Code 179 2041 02			Budget	20004.00
Date			Contractor	Invoice	O/n	
Jul-20	Reverse accrual		T Jenyns			-4095.00
Jul-20	Machine clean North Ash > Tramline Tim		T Jenyns	176	107952	4745.00
Oct-20	Machine clean North Ash > Tramline Tim		T Jenyns	199	109356	5340.00
Oct-20	Machine clean North Ash > Tramline Tye		T Jenyns	198	109356	10725.00
Oct-20	M/clear No 53 eastern hills drain for spray access		T Jenyns	212	109604	2340.00
						<b>19055.00</b>

2020 > 21	RAUPO STOP BANKS	GL Code 179 2041 03			Budget	39996.00
Date			Contractor	Invoice	O/n	
Oct-20	Stop bank debris removal / spall placement Awaroa>Ruawai		T Jenyns	200	109359	4355.00
Dec-20	Digger hire stopbank improvements Simpson>Wilson Ldng		T Jenyns	210	109762	13520.00
Jan-21	Supply / cart lime stone strippings to stop bank up grade		Ruawai Trans	5086	109763	23031.54
						<b>40906.54</b>

2020 > 21	RAUPO MAINTENANCE PUMPS	GL Code 179 2041 04			Budget	5004.00
Date			Contractor	Invoice	O/n	

2020 > 21	RAUPO DRAIN SPRAY	GL Code 179 2041 05			Budget	5004.00
Date			Contractor	Invoice	O/n	
Nov-20	Contract Drain Spray		Compass	1566	109873	<b>36166.73</b>
	<i>Not on bal sheet yet</i>					
Jan-21	<i>Contract Drain Spray Complete round 1</i>		<i>Compass</i>	<i>1598</i>	<i>110246</i>	<i>4482.90</i>
						<b>40649.63</b>

2020 > 21	RAUPO MISCELLANEOUS	GL Code	179 2041 06		Budget	5004.00
Date				Contractor	Invoice	O/n
Jul-20	Lawn mowing Raupo house 17/6/20			Fosters Mowing	309491	108043 70.00
Aug-20	Water Rates Rental house			KDC	1240	1210.73
Sep-20	Supply 1 x RPO Padlock			City Locksmiths	161271	108984 96.58
Oct-20	Cut keys Rental house			Farrand & Mason	425209	109127 11.39
Nov-20	Rental house Mow / spray section			Fosters Mowing	281963	109280 95.00
Nov-20	Supply 6 x Tide Books			Darg Post Shop	109358	109358 51.74
Dec-20	Replace boundary fence Raupo yard & 83 Jellicoe			Fencing Specialists	333	109331 2278.00
Dec-20	Rental house Mow lawns 14 Oct, 3 Nov, 20 Nov @ 70.00			Fosters Mowing	281976	109761 210.00
Dec-20	50m Galv chain Stock to be re invoiced			Crompton	18501	110146 480.00
Jan-21	Ian Beattie Lab Raupo operations			Stannilands	7	110242 2633.94
						<b>7137.38</b>
	<i>Not on bal sheet yet</i>					
<b>Feb-21</b>	<b>Ian Beattie Lab Raupo operations</b>			<b>Stannilands</b>		<b>110609 2789.80</b>
<b>Feb-21</b>	<b>Rental house Mow lawns / spray</b>			<b>Fosters Mowing</b>	<b>866147</b>	<b>110666 235.00</b>
						<b>10162.18</b>

2020 > 21	RAUPO CAPEX	FLOOD GATES / STOP BANKS	179 6001		Budget	
Date				Contractor	Invoice	O/n
Dec-20	Flood Gate No 33 Replacement	Contract 973	Claim 1	Barfoote Const	Project 13048	<b>32754.75</b>

2020 > 21	RAUPO				Budget	
Date				Contractor	Invoice	O/n
Sep-20	Bowergate legal cost			Brookfeilds		109792 625.00
Dec-20	Bowergate legal cost Optiopl 3 report			Brookfeilds		109794 4765.00
						<b>5390.00</b>