



# A G E N D A

## **WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE MEETING**

**Thursday, 04 June 2020, 10.30am**

Council Chamber  
Ngatea Service Centre  
84 Orchard West Road  
[NGATEA](#)



## Membership

### **Committee Members:**

His Worship the Mayor

B A Carter  
P A Leonard  
M Karl  
G Laurich  
B A Keane  
P Paterson  
B Pirie  
P Johnstone  
R D Young

### **Council Rep:**

Councillor P Buckthought

### **Councillor Rep (alternate):**

Councillor R Garrett

### **Hauraki District Council staff:**

A de Laborde (Group Manager – Engineering Services)  
S de Laborde (Infrastructure Systems & Planning Manager)  
B Stephens (Drainage Overseer)  
C Black (Council Secretary)

### **Waikato Regional Council staff:**

A Munro  
K Growden  
B Manning

## Delegations: Western Plains Drainage Committee (WPDD)

<b>Membership</b>	<p>Land Drainage Advisory Committee consisting of one Councillor (with an alternate) and representation as scheduled from each of the following Drainage Areas within the Drainage District:</p> <ul style="list-style-type: none"><li>■ A representative (or alternative) of Waitakaruru/Miranda</li><li>■ A representative (or alternative) of Pipiroa</li><li>■ Two representatives (or alternatives) of Rawerawe/Ngatea/Pahunga</li><li>■ A representative (or alternative) of Kaihere/Torehape</li><li>■ Two representative (or alternative) of Patetonga/Mangawhero</li><li>■ A representative (or alternative) of Pouarua/Maukoro</li></ul>
<b>Meeting frequency</b>	<p>The <b>first</b> Thursday in the month to be held monthly commencing at 10.30am at the Ngatea Service Centre.</p>

The Council delegates to the Drainage Committee the following powers, duties and responsibilities:

- To make recommendations to the Council on all matters relating to Land Drainage within their District.
- The Western Plains Drainage Committee can also make recommendations to Council on urban stormwater matters within their district.
- To make recommendations on Council's operational and capital estimates for Council's Draft Long Term Plan and Draft Annual Plans.
- To provide input to Land Drainage asset planning matters and Land Drainage rating reviews in their respective areas.
- To generally oversee and monitor the Council's annual work programmes within the nominated areas; and to assist as necessary or as appropriate in the implementation of approved programmes.
- To facilitate the flow of information between ratepayers and staff.



## **WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE**

### **AGENDA**

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**Thursday, 04 June 2019 – 10.30am**

**Council Chamber, Ngatea Service Centre, Orchard Road West, Ngatea**

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#### **Order of Business**

#### **Pages**

1. Councillor Buckthought will open the meeting and call for apologies.
2. Election of Chairman and Deputy Chairman.  
(Councillor Buckthought will call for nominations)
3. Declarations of Late Items.
4. Confirmation of Minutes – (04-02-20) (2723486) **5**
5. Waikato Regional Council (verbal update)
6. WPDD Drainage Activity Report – April 2020 and Financial Report  
for the period 10 months to 30 April 2020 (2766996) **8**
7. Member's feedback on drainage matters in their areas.

## HAURAKI DISTRICT COUNCIL

### WESTERN PLAINS DRAINAGE DISTRICT

MINUTES OF A MEETING OF THE WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE HELD IN THE COUNCIL CHAMBERS, WILLIAM STREET, PAEROA ON TUESDAY, 4 FEBRUARY 2020 COMMENCING AT 10.30 AM

**PRESENT** Messrs B A Carter (Chairperson), B Keane, G Laurich, H van Eyk, R D Young, P Johnstone, Cr P Buckthought and Cr R Garrett

**IN ATTENDANCE** Brendan Manning (WRC - Works Supervisor – Projects and Compliance), A de Laborde (Group Manager –Engineering Services), Mr S de Laborde (Infrastructure Systems & Planning Manager), Mr B Stephens (Drainage Overseer) and Ms C Black (Council Secretary)

#### **APOLOGIES**

#### **RESOLVED**

THAT the apology of P Paterson and B Pirie be received and sustained.

WPDD20/01

van Eyk/Keane

**CARRIED**

#### **LATE ITEMS**

There was no late items.

CONFIRMATION: WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE MINUTES (03-12-19) (2704096)

#### **RESOLVED**

THAT the minutes of the meeting of the Western Plains Drainage District Committee held on Thursday, 03 December 2019 be taken as read and confirmed.

WPDD20/02

Buckthought/van Eyk

**CARRIED**

#### **MATTERS ARISING FROM THE MINUTES**

Gavin Laurich – Hopai Road – Ponding Issues

Gavin Laurich reiterated the issue. Brendan Manning stated he would investigate further with WRC. Gavin believes the floodgate is not in the right place. That is why he is putting a block in it. He believes he is paying full rate. The issue arises when the tide is coming he takes water from other properties.

Karito Canal - Resource Consent

There was discussion regarding the time and compliance issues for this consent.

Steve de Laborde and the Drainage Overseer are still awaiting on final resource consent.

Waikato Regional Council Update – Brendan Manning

- Maukoro Canal – hay has been baled along the edge of the canal.
- WRC staff have sprayed bristle grass along roadside edges of the Maukoro canal.
- Richard Flint has reviewed this area.

- Maukoro line back – cleaned Maukoro landing road drain which has had weed removed to clear bank to ensure water can get back out. Taken willow trees out and topped up stopbank.
- Helicopter spraying has been booked next 2 weeks. Routine spraying has been undertaken on the Piako.
- Tractor has been purchased predominantly for spraying.
- Dead ducks have been found in Waitakaruru foreshore drain causing botulism – WRC have been removing them from the direction of the Department of Conservation.

DISTRICT DRAINAGE REPORT (NOVEMBER AND DECEMBER) AND FINANCIAL REPORT (FOR THE 6 MONTHS TO 31 DECEMBER 2019 (2705140))

**RESOLVED**

THAT the Drainage (November and December) and financial report for the 6 months to 31 December 2019 are received.

WPDD20/03

Buckthought/Johnstone

**CARRIED**

Ngatea Rainfall

Extremely low.

Budget Review Annual Plan 2020-21

Adrian de Laborde presented the Annual Plan 2020-21 budgets. Provided an explanation of the operating budgets and capital works programme. Requested feedback from the Committee on operating budgets not capital works.

There were no significant changes.

Land Drainage Advisory Committees Elections 2020-23 Term

Staff updated on the Land Advisory Committee election process which will be held between 25 February and 31 March.

**GENERAL BUSINESS**

MEMBERS' COMMENTS

Ross Young – Mangawhero Flume – old system needs repair downstream.

Gavin Laurich – Brendan addressed question from Gavin regarding Rawerawe roadside drain (by Gill Leonard's property) looking to cut drain back to increase flow and take out fencing and purchase land option.

The meeting closed at midday.

CONFIRMED

B A Carter  
Chairperson

04 June 2020

## FOR INFORMATION NGĀ MŌHIOTANGA




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TO	Western Plains Drainage District Committee
AUTHOR	Steve de Laborde Infrastructure Systems and Planning Manager
FILE REFERENCE	Document: M2762103 Appendix A: Rainfall & Pump statistics Appendix B: Financials
PORTFOLIO HOLDER/S	Councillor Phillip Buckthought Land Drainage and Flood Protection Portfolio
MEETING DATE	Thursday, 4 June 2020
SUBJECT	<b>Western Plains District Drainage Activity Report April 2020</b>

### SUMMARY | TE WHAKARĀPOPOTANGA

There is, unfortunately, nothing of significance to report about the Land Drainage & Flood Protection activity for the month of April. The country was in Alert Level 4 and under full lockdown for Covid-19 during this time. Subsequently, work on the ground ceased for everyone. Some planning and Requests For Quotes (RFQs) were issued, but most of that work had already been completed.

There was no significant rain during April and the district remains in a drought condition. Consequently, floodgates and pumps did not require any work or maintenance during this time. Most of the infrastructure belongs to the Regional Council, so any issues were directed to them to deal with.

### RECOMMENDATION | TE WHAIKUPU

THAT the report be received.

### 1 PURPOSE | TE ARONGA

The purpose of the report is to give the Committee a monthly update on the operations and capital work pertaining to the Land Drainage and Flood Protection activity in the Western Plains.

### 2 BACKGROUND | TE KŌRERO Ā MUA

Hauraki District Council provides infrastructure for the land drainage activity in conjunction with the Waikato Regional Council. The land drainage network is comprised of pump stations, stopbanks, flood gates and land drains. It will soon be extended to include toe drains which are currently held by the Regional Council.

In general assets are classified as flood protection (primary) or drainage (secondary) assets where Waikato Regional Council own the flood protection assets and Hauraki District Council own the drainage assets. The land drainage service is provided to over 47,000 ha of highly productive pastoral land and the activity aims primarily to ensure the productive capability of the land.

### 3 CONTENT

The **Operations** report follows.

Please note: Because of Level 4 lockdown, no work was done during April and the figures remain the same from March.

#### **Vegetation Control**

156.53kms of drains have been sprayed across February and March. 204.7kms have been sprayed year to date. We have also completed localised spraying around the pump stations. All the helicopter spraying is completed.

#### **Mechanical Cleaning**

The full mechanical cleaning programme is underway with 12.47kms of drains having been machine cleaned in this financial year. Once again no work in April

#### **Other works:**

No other work occurred during April.

#### **Capital Works Programme**

The capital works consist of assessing and raising stopbanks and refurbishing pumps and pump screens.

However, as with all work during lockdown, this too ceased. Some office work has been undertaken, but these projects are ready to get underway on the ground once procured.

#### **Rainfall**

The table and graphs of the Ngatea Monthly Rainfall depths since 1993 is attached. The rainfall for February was 15mm, March was 43mm and April was 25mm.

The year to date total from July 1st 2019 is 661mm which is 73% of the average expected to the end of April.

#### **Pump Operation**

There was no significant rain during Level 4 and so no inspection runs were undertaken in this period. There were no pump hours for February and March. The Pump hours for April was 1. The summary for the year to date is attached.

#### **Bylaw Approvals**

Bylaw approvals were granted in the period as follows:

Culverts: Nil

Other: Nil

#### **Subdivisions Commented On**

Subdivisions commented on during the period as follows:

Nil



**Rainfall and Pump station statistics** follow on the next page.

**Financial Comment**

Due to unacceptable draft resource consent conditions, the Hot Springs & Karito Canals will not be machine cleaned as planned this year. The value of that work is approximately \$80,000, and will show as underspent.

# APPENDIX A

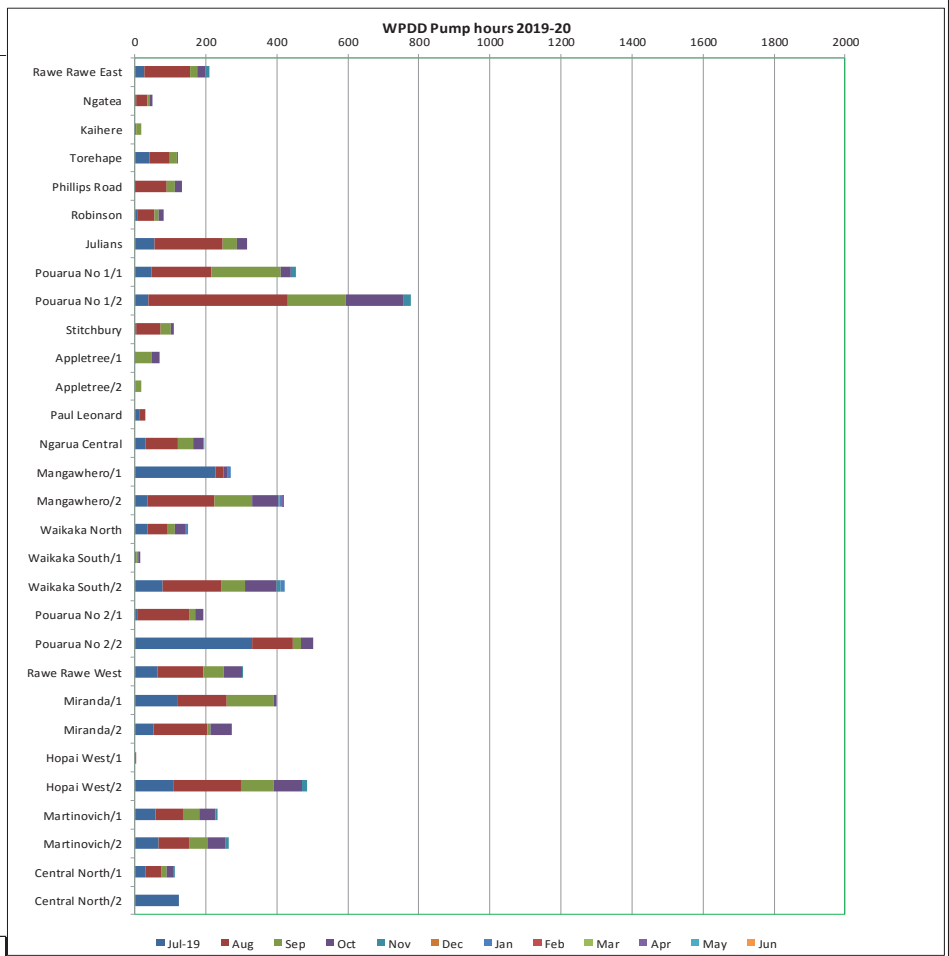
## Western Plains Drainage District – Pump Running Hours 2019-2020

PUMP HOURS RUN		Jul-19	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	Average													
No 5	Rawe Rawe East	28	129	20	23	10	0	0	0	0	0	0	0	210	308													
No 6	Ngatea	3	31	8	7	0	0	0	0	0	0	0	0	49	91													
No 7	Kaihere	0	4	15	0	0	0	0	0	0	0	0	0	19	546													
No 8	Torehape	41	58	20	3	0	0	0	0	0	0	0	0	122	356													
No 9	Phillips Road	2	89	23	20	0	0	0	0	0	0	0	0	134	449													
No 11	Robinson	8	47	13	12	0	0	0	0	0	0	0	0	80	182													
No 12	Julians	54	194	40	29	0	0	0	0	0	0	0	0	317	332													
No 17	Pouarua No 1/1	48	169	194	29	13	0	0	0	0	0	0	0	453	778													
	Pouarua No 1/2	39	392	164	161	21	0	0	0	0	0	0	0	777	694													
No 18	Stitchbury	4	69	28	10	0	0	0	0	0	0	0	0	111	196													
No 21	Appletree/1	0	1	45	23	0	0	0	0	0	0	0	0	69	495													
	Appletree/2	0	0	18	0	0	0	0	0	0	0	0	0	18	375													
No 22	Paul Leonard	12	17	0	0	0	0	0	0	0	0	0	0	29	124													
No 23	Ngarua Central	31	90	43	29	1	0	0	0	0	0	0	0	194	334													
No 24	Mangawhero/1	227	22	0	13	1	0	7	0	0	0	0	0	270	569													
	Mangawhero/2	34	191	104	76	2	0	10	0	0	1	0	0	418	630													
No 25	Waikaka North	34	58	20	30	2	0	5	0	0	0	0	0	149	294													
No 26	Waikaka South/1	4	0	5	5	0	0	0	0	0	0	0	0	14	460													
	Waikaka South/2	79	164	67	90	11	0	10	0	0	0	0	0	421	543													
No 27	Pouarua No 2/1	7	147	17	21	0	0	0	0	0	0	0	0	192	294													
	Pouarua No 2/2	329	117	22	33	0	0	0	0	0	0	0	0	501	377													
No 29	Rawe Rawe West	65	128	58	50	1	0	0	0	0	0	0	0	302	543													
No 70	Miranda/1	121	139	131	8	0	0	0	0	0	0	0	0	399	507													
	Miranda/2	52	153	8	61	0	0	0	0	0	0	0	0	274	507													
No 73	Hopai West/1	0	5	0	0	0	0	0	0	0	0	0	0	5	390													
	Hopai West/2	110	189	91	82	12	0	0	0	0	0	0	0	484	325													
No 74	Martinovich/1	58	77	45	48	5	0	0	0	0	0	0	0	233	194													
	Martinovich/2	67	86	50	53	9	0	0	0	0	0	0	0	265	197													
No 75	Central North/1	30	46	13	20	1	0	0	0	0	0	0	0	110	126													
	Central North/2	124	0	0	0	0	0	0	0	0	0	0	0	124	53													
														<b>1611</b>	<b>2812</b>	<b>1262</b>	<b>936</b>	<b>89</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6743</b>	<b>11270</b>

21 Stations  
30 Pumpsets

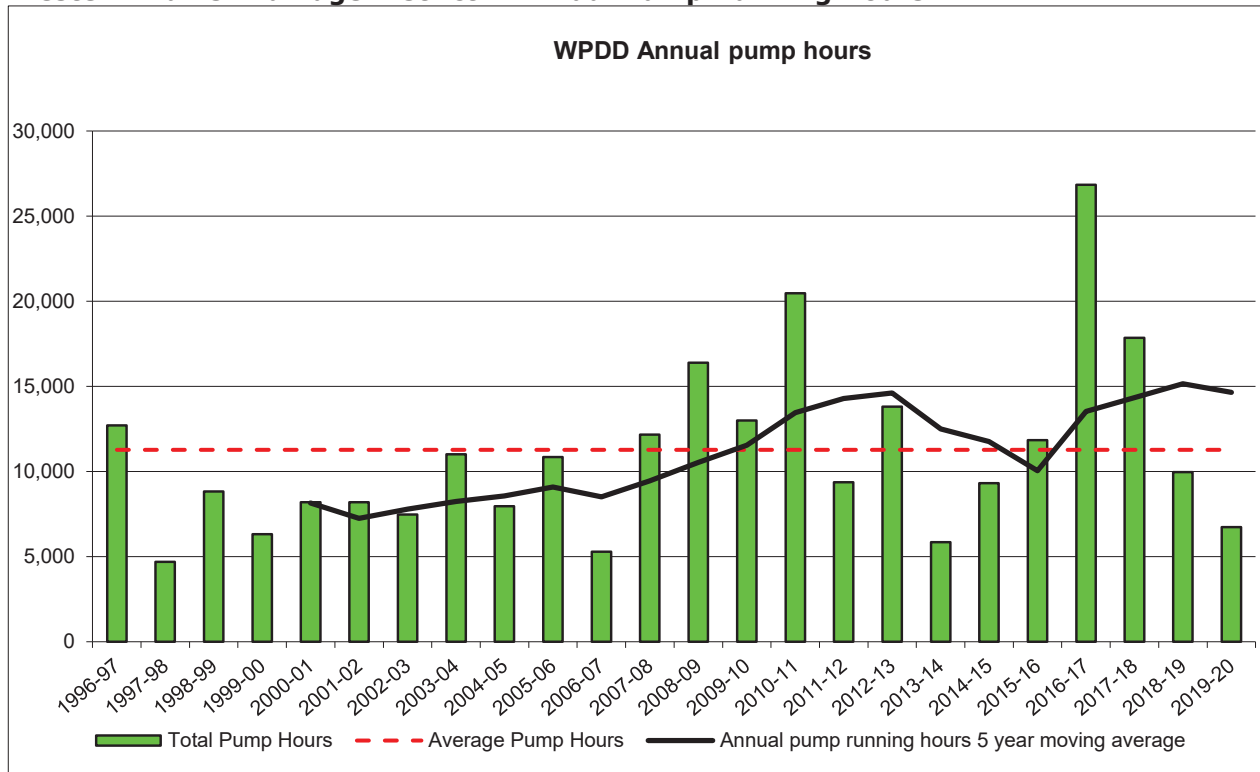
Capacity m3/s

- 1.1
- 0.6
- 0.3
- 1.0
- 0.6
- 0.3
- 0.3
- 0.8
- 0.8
- 0.8
- 0.4
- 0.4
- 1.1
- 1.7
- 1.7
- 1.7
- 1.1
- 1.0
- 1.0
- 1.7
- 1.7
- 1.0
- 0.4
- 0.4
- 1.0
- 1.0
- 0.5
- 0.5
- 0.5
- 0.5

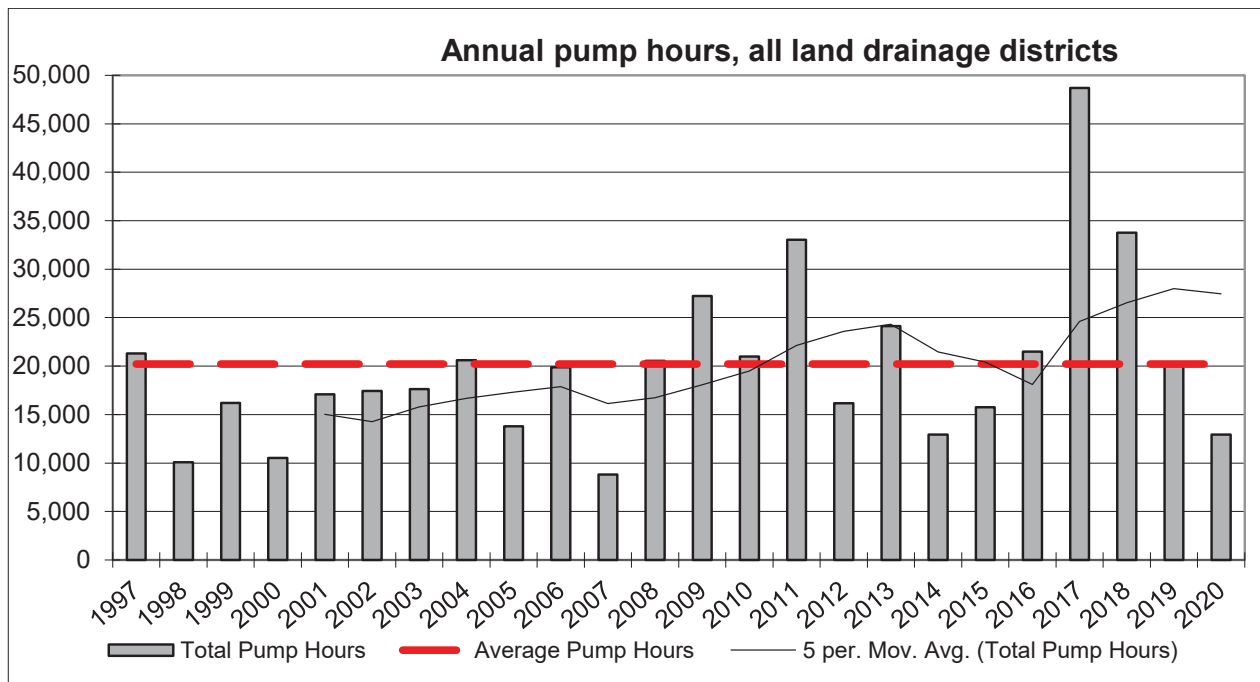


25.9

**Western Plains Drainage District – Annual Pump Running Hours**

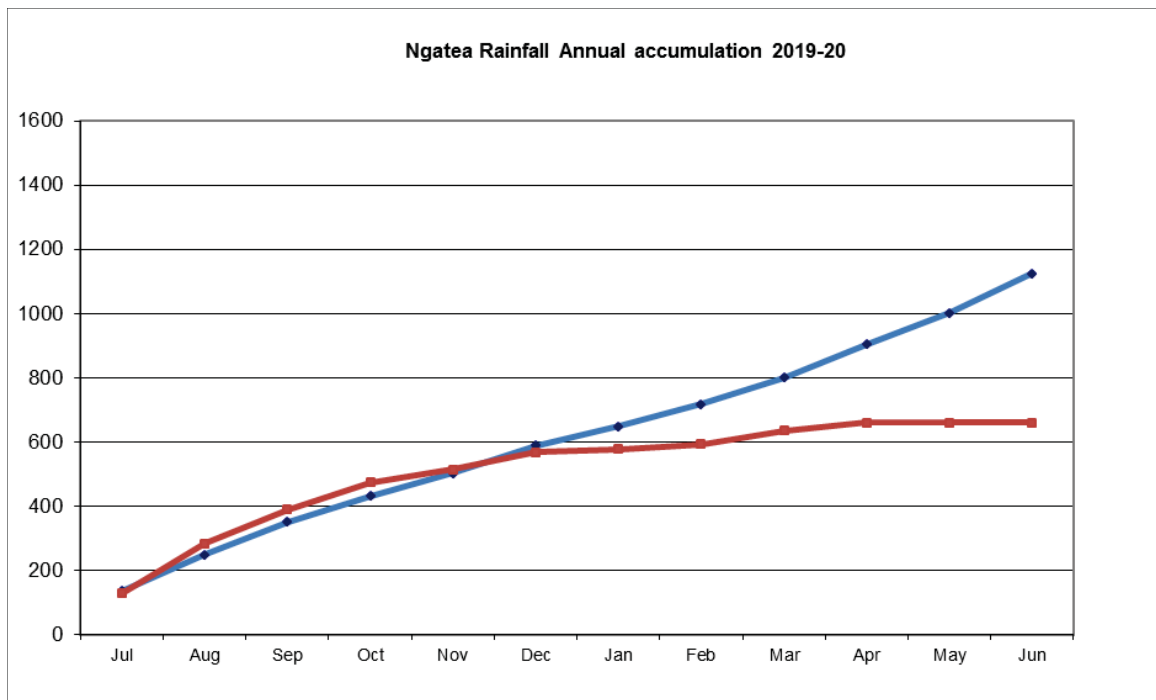
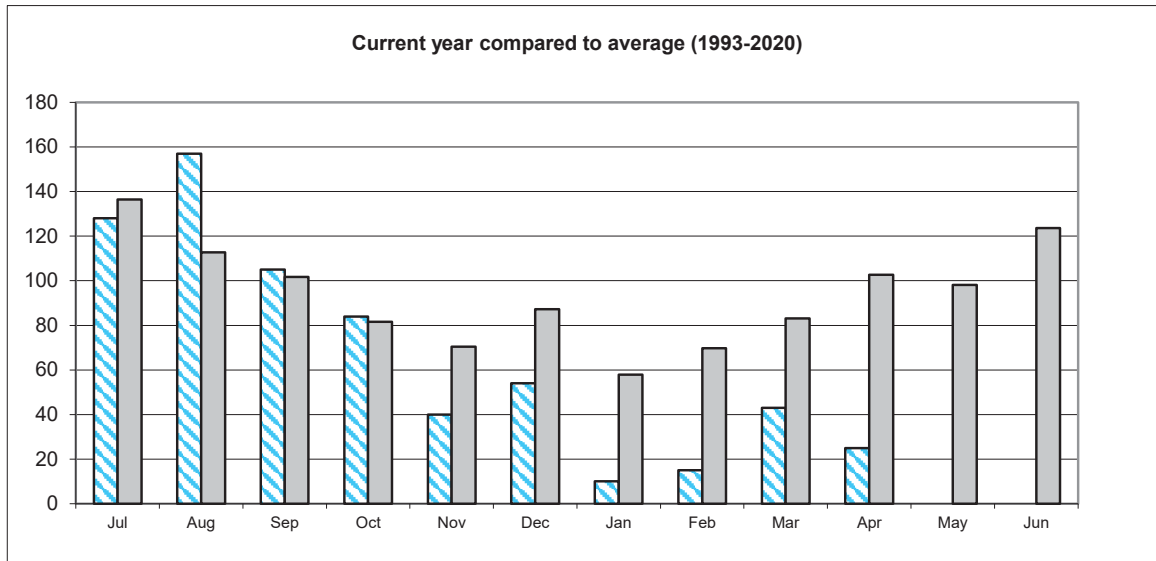


**Annual Pump Running Hours – All Districts**



**Rainfall**

<b>Ngatea Monthly Rainfall</b>													Haywards Road (to 1999). HDC Depot (2000 on)	
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	
1993	36.0	28.5	95.0	50.0	123.0	181.5	8.0	111.0	58.0	37.0	100.0	28.5	857	
1994	81.0	47.5	51.5	64.0	78.0	116.0	155.0	100.5	153.0	112.5	30.0	26.5	1016	
1995	37.0	71.0	196.5	245.5	88.5	181.0	203.5	74.0	73.0	94.0	136.5	128.5	1529	
1996	29.5	89.5	88.5	227.5	82.0	166.5	137.5	147.0	149.0	34.0	72.5	222.0	1446	
1997	4.5	51.0	195.0	58.0	97.5	138.5	64.5	65.5	221.5	61.0	39.0	49.0	1045	
1998	12.0	97.0	67.0	48.0	56.5	97.0	299.0	104.0	48.0	100.0	85.0	89.0	1103	
1999	81.0	28.0	81.0	91.0	45.0	94.5	142.0	132.0	88.0	53.0	206.5	109.5	1152	
2000	60.0	11.5	52.5	171.0	85.0	75.5	154.5	114.0	97.5	48.0	96.5	79.0	1045	
2001	16.5	156.5	49.0	169.0	165.5	50.0	74.5	121.0	47.5	134.0	114.0	177.0	1275	
2002	117.0	39.5	50.5	62.0	61.0	168.5	135.0	79.0	75.5	73.0	34.5	54.0	950	
2003	110.0	105.0	102.0	134.0	73.0	124.5	101.5	58.5	155.0	107.0	36.5	111.5	1219	
2004	98.5	230.0	11.5	21.0	175.5	106.5	120.5	112.0	119.0	80.0	56.0	130.5	1261	
2005	30.5	32.0	32.5	7.0	147.5	118.0	152.5	59.0	87.0	145.5	65.5	107.0	984	
2006	37.0	47.5	34.5	120.0	82.0	86.0	76.0	108.0	57.0	90.5	64.0	36.0	839	
2007	56.0	27.0	146.0	45.0	41.0	92.0	281.0	95.0	68.5	76.0	40.0	53.0	1021	
2008	2.0	35.0	40.5	146.5	71.0	152.5	253.0	166.0	52.0	94.0	47.0	61.0	1121	
2009	59.0	120.0	30.0	72.0	91.0	150.0	124.0	91.0	85.0	119.0	35.0	81.0	1057	
2010	63.0	4.0	13.0	44.0	139.0	230.5	90.0	229.0	146.0	18.0	28.0	62.0	1067	
2011	270.0	9.0	172.0	85.0	101.0	110.0	127.0	57.0	74.0	76.0	15.0	157.0	1253	
2012	63.0	82.0	130.0	39.0	111.0	52.0	179.0	130.0	85.0	69.0	71.0	64.0	1075	
2013	2.0	17.0	23.0	128.0	162.0	117.0	48.0	122.0	133.0	41.0	104.0	96.0	993	
2014	41.0	8.0	35.0	98.0	42.0	237.0	109.0	110.0	137.0	73.0	50.0	72.0	1012	
2015	10.0	44.0	79.0	114.0	136.0	59.0	121.0	185.0	96.0	51.0	125.0	19.0	1039	
2016	103.0	167.0	39.0	51.0	96.0	137.0	152.0	100.0	162.0	82.0	66.0	50.0	1205	
2017	24.0	107.0	341.0	255.0	142.0	63.0	131.0	98.0	127.0	117.0	50.0	9.0	1464	
2018	100.0	213.0	49.0	127.0	106.0	175.0	116.0	119.0	46.0	134.0	93.0	228.0	1506	
2019	21.0	15.0	40.0	98.0	52.0	59.0	128.0	157.0	105.0	84.0	40.0	54.0	853	
2020	10.0	15.0	43.0	25.0									93	
<b>Ave.</b>	58	70	83	103	98	124	136	113	102	82	70	87	1125	
<b>Max</b>	270	230	341	255	176	237	299	229	222	146	207	228	1529	
<b>Min.</b>	2	4	12	7	41	50	8	57	46	18	15	9	839	



## Appendix B: Financials

<b>Western Plains Drainage District</b>						
<b>Financial Report for 10 months to 30 April 2020</b>						
<b>Item</b>	<b>Total Budget</b>	<b>Budget YTD</b>	<b>Actual YTD</b>	<b>Variance</b>	<b>Actual % of YTD Budget</b>	<b>Actual % of Total Budget</b>
<b>DRAINAGE OPERATIONS</b>						
<b>Vegetation Control</b>						
Area 1	77,111	27,815	1,554	26,262	6%	2%
Area 2	0	0	3,863	(3,863)		
Area 3	0	0	4,500	(4,500)		
Area 4	0	0	5,997	(5,997)		
Area 5	0	0	2,031	(2,031)		
Area 6	0	0	9,869	(9,869)		
<b>TOTAL</b>	<b>77,111</b>	<b>27,815</b>	<b>27,814</b>	<b>1</b>	<b>100%</b>	<b>36%</b>
<b>Mechanical Cleaning</b>						
Area 1	123,000	36,058	7,686	28,372	21%	6%
Area 2	0	0	82	(82)		
Area 3	0	0	7,912	(7,912)		
Area 4	0	0	16,887	(16,887)		
Area 5	0	0	3,492	(3,492)		
Area 6	0	0	0	0		
<b>TOTAL</b>	<b>123,000</b>	<b>36,058</b>	<b>36,058</b>	<b>(0)</b>	<b>100%</b>	<b>29%</b>
<b>Maintenance/Fencing/Culverts</b>						
Area 1	5,304	3,555	0	3,555	0%	0%
Area 2	0	0	0	0		
Area 3	0	0	137	(137)		
Area 4	0	0	0	0		
Area 5	0	0	0	0		
Area 6	0	0	82	(82)		
<b>TOTAL</b>	<b>5,304</b>	<b>3,555</b>	<b>218</b>	<b>3,337</b>	<b>6%</b>	<b>4%</b>
<b>TOTAL DRAIN MAINTENANCE</b>	<b>205,415</b>	<b>67,428</b>	<b>64,090</b>	<b>3,338</b>	<b>95%</b>	<b>31%</b>
<b>Pumps</b>						
General	15,641	15,641	20,765	(5,124)	133%	133%
WPDD Pumps	149,267	65,197	55,197	10,000	85%	37%
<b>TOTAL</b>	<b>164,908</b>	<b>80,838</b>	<b>75,961</b>	<b>4,877</b>	<b>94%</b>	<b>46%</b>
<b>Floodgates</b>						
(D)	14,371	1,114	1,424	(310)	128%	10%
<b>TOTAL</b>	<b>14,371</b>	<b>1,114</b>	<b>1,424</b>	<b>(310)</b>	<b>128%</b>	<b>10%</b>
<b>Stopbanks</b>						
(D) Tributary Banks	0	0	0	0		
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Other</b>						
Weather Events	3,084	2,570	0	2,570	0%	0%
Business Unit Charge Allocation		0	0	0		
Asset Liaison	4,112	3,420	1,961	1,459	57%	48%
Data Collection		0	9,093	(9,093)		
Data Maintenance	4,112	3,420	0	3,420	0%	0%
Design		0	0	0		
Drain Inspection	7,712	6,420	5,147	1,273	80%	67%
Pump Operation	0	0	0	0		
Rates	0	0	0	0		
Appointed Member Expenses	0	0	0	0		
Meeting Expenses	4,627	3,840	1,634	2,206	43%	35%
Insurance	3,084	0	0	0		0%
<b>TOTAL</b>	<b>26,731</b>	<b>19,670</b>	<b>17,835</b>	<b>1,835</b>	<b>91%</b>	<b>67%</b>
<b>TOTAL OPERATING</b>	<b>411,425</b>	<b>169,050</b>	<b>159,311</b>	<b>9,739</b>	<b>94%</b>	<b>39%</b>

<b>Overheads</b>						
Overheads	105,515	87,920	87,930	(10)	100%	83%
<b>TOTAL</b>	<b>105,515</b>	<b>87,920</b>	<b>87,930</b>	<b>(10)</b>	<b>100%</b>	<b>83%</b>
<b>Depreciation</b>						
Depreciation (D)	67,033	0	0	0		0%
Depreciation (P)	0	0	0	0		
<b>TOTAL</b>	<b>67,033</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0%</b>
<b>Interest</b>						
Interest (D)	(61,344)	(51,120)	(51,120)	0	100%	83%
<b>TOTAL</b>	<b>(61,344)</b>	<b>(51,120)</b>	<b>(51,120)</b>	<b>0</b>		<b>0%</b>
<b>TOTAL EXPENDITURE</b>	<b>522,629</b>	<b>205,850</b>	<b>196,121</b>	<b>9,729</b>	<b>95%</b>	<b>38%</b>
<b>FLOOD PROTECTION OPERATIONS</b>						
<b>Floodgates</b>						
(F1)	6,912	327	490	(163)	150%	7%
(F2)	1,110	0	163	(163)		15%
<b>TOTAL</b>	<b>8,022</b>	<b>327</b>	<b>654</b>	<b>(327)</b>	<b>200%</b>	<b>8%</b>
<b>Stopbanks</b>						
(F1) Waitak Stm Left Bank	617	510	0	510	0%	0%
(F1) Foreshore	0	0	0	0		
(F1) Miranda	514	420	275	145	65%	54%
(F1) Karito/Hill Catchment	0	0	0	0		
(F2) Maukoro Left Bank	0	0	0	0		
(F2) Waitak Stm Right Bank	2,159	1,790	0	1,790	0%	0%
(F2) Gubbs Outlet Bank	0	0	0	0		
<b>TOTAL</b>	<b>3,290</b>	<b>2,720</b>	<b>275</b>	<b>2,445</b>	<b>10%</b>	<b>8%</b>
<b>Depreciation</b>						
Depreciation (F1)	53,034	0	0	0		0%
Depreciation (F2)	4,425	0	0	0		0%
<b>TOTAL</b>	<b>57,459</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0%</b>
<b>Interest</b>						
Interest (F1)	(23,805)	(19,838)	(19,838)	0	100%	83%
Interest (F2)	(4,655)	(3,879)	(3,879)	0	100%	83%
<b>TOTAL</b>	<b>(28,460)</b>	<b>(23,717)</b>	<b>(23,717)</b>	<b>0</b>	<b>100%</b>	<b>83%</b>
<b>TOTAL FLOOD PROTECTION</b>	<b>40,311</b>	<b>(20,670)</b>	<b>(22,788)</b>	<b>2,118</b>	<b>110%</b>	<b>-57%</b>
<b>TOTAL EXPENDITURE</b>	<b>562,940</b>	<b>185,180</b>	<b>173,333</b>	<b>11,848</b>	<b>94%</b>	<b>31%</b>
<b>INCOME</b>						
Rates Funding WPDD (D)	(539,342)	(449,452)	(449,452)	0	100%	83%
Rates Funding WPDD (F1)	(66,326)	(55,272)	(55,272)	0	100%	83%
Rates Funding WPDD (F2)	(5,641)	(4,701)	(4,701)	0	100%	83%
<b>Opening Balance as at 01/07/2019</b>	<b>(2,249,458)</b>					

## Approval

<b>Prepared by</b>	Steve de Laborde Infrastructure Systems and Planning Manager
<b>Approved by</b>	Adrian de Laborde Engineering Group Manager

