



# **A G E N D A**

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

**Thursday, 06 May 2021, 10.30am**

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 – Service Delivery)  
E J Wentzel (Utilities Manager)  
B Stephens (Drainage Overseer)  
G Russell (Land Drainage Contractor)  
C Black (Council Secretary)

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

S Clark  
A Munro

## 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>Quorum</b>	As per Standing Order 11.2, half the members physically present.
<b>Meeting frequency</b>	The first Thursday in each month bi-monthly and monthly (if required) commencing at 10.30am at the Ngatea Service Centre.

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, 06 May 2021 – 10.30am**

**Council Chamber, Ngatea Service Centre, 84 Orchard West Road, Ngatea**

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<b><u>Order of Business</u></b>	<b>Pages</b>
1. Apologies	
2. Declarations of Late Items	
3. Confirmation: Western Plains Drainage District Committee Minutes 04-03-21 – 2907520	<b>5</b>
4. Waikato Regional Council Update on Activities	
5. Western Plains Drainage Activity Report February and March 2021 – 2927491	<b>7</b>
6. Member's feedback on drainage matters in their areas.	

## HAURAKI DISTRICT COUNCIL

### WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE

MINUTES OF A MEETING OF THE WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE HELD IN THE COUNCIL CHAMBERS, NGATEA SERVICE CENTRE, 84 ORCHARD WEST ROAD, NGATEA ON THURSDAY, 04 MARCH 2021 COMMENCING AT 10.30 AM

**PRESENT** His worship the Mayor D A Adams, B A Carter (Chairperson), G Laurich, M Karl, R D Young, B Pirie and Cr Buckthought

**IN ATTENDANCE** S Clark (WRC - Works Supervisor, Paeroa Team - Integrated Catchment Management), A de Laborde (HDC - Group Manager - Service Delivery), EJ Wentzel (HDC Utilities Manager), C Moore (Manager Projects & Operations), B Stephens (Drainage Overseer) and A de Waal (Utilities Administrator/Secretary)

#### **APOLOGIES**

#### **RESOLVED**

THAT the apology of absence of Cr Rodney Garrett, P Paterson, B Keane and P Johnstone be received and sustained.

WPDD21/32

Karl / Laurich

**CARRIED**

#### **LATE ITEMS**

There were no late items.

The Group Manager, Service Delivery introduced new HDC staff members in attendance. Staff members - Campbell Moore, EJ Wentzel and Anita de Waal spoke very briefly about their roles.

CONFIRMATION: WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE MINUTES - 03-12-20 - 2868187

#### **RESOLVED**

THAT the minutes of the meeting of the Western Plains Drainage District Committee held on Thursday, 03 December 2020 be taken as read and confirmed.

WPDD21/33

Buckthought / Pirie

**CARRIED**

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

There were no matters raised.

#### **WAIKATO REGIONAL COUNCIL UPDATE ON ACTIVITIES – STEVE CLARK**

- A meeting on Tuesday, 2 March for WRC was held to discuss where projects are at.
- Eel recovery is still taking place with a few thousand eels being caught and released into the river and even more pest fish being caught and destroyed.

Shovel Ready Projects:

- Piako Green Corridor planting programme is still to be confirmed.
- WRC are putting together a working party which should include local drainage committee members for the input / representation on the Green Corridor Project. Gavin Laurich and one other have been appointed as the proposed speakers/representatives for this working group.

WESTERN PLAINS DRAINAGE ACTIVITY REPORT – NOVEMBER TO JANUARY 2021 – 2905711

The Group Manager – Service Delivery presented the drainage activity report.

**RESOLVED**

THAT the Drainage Report November – January 2021 and the financial report on the operations of the Western Plains District Drainage Area for 7 months to 31 January 2021 are received. (Presented by Adrian de Laborde)

WPDD21/34

Pirie / Karl

**CARRIED**

Member's feedback on drainage matters:

The members were invited to raise any matters requiring consideration within their designated drainage areas.

No matters of significance were raised.

New Staff

The Drainage Overseer advised that he has a new staff member, Dallan Priest who will be joining his team.

Re-Naming of all Land Drainage Committees

The Group Manager – Service Delivery has been asked to take a report to Council to consider the 'change of name' of the Drainage committees to reflect their revised environmental focus. He stated that this matter requires further consideration of all committee members and asked members to provide feedback to him with their suggested naming. Once feedback has been received, he will advise of these.

Drain Cleaning

Members were reminded that if they identify any drains that require cleaning to advise the Group Manager – Service Delivery. The helicopter spray programme is due to start in two weeks. The Group Manager also asked that he be updated if members observe any trapped eels that need to be dealt with.

The meeting closed at 11.30am

CONFIRMED

B A Carter  
Chairperson

06 May 2021

## FOR INFORMATION NGĀ MŌHIOTANGA




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TO	Western Plains Drainage District Committee
AUTHOR	EJ Wentzel Utilities Manager
FILE REFERENCE	Document: M2927491 Appendix A: Financial Report Appendix B: Pump & Rainfall statistics
PORTFOLIO HOLDER/S	Councillor Phillip Buckthought Land Drainage and Flood Protection Portfolio
MEETING DATE	Thursday, 6 May 2021
SUBJECT	<b>Western Plains District Drainage Activity Report - February and March 2021</b>

### 1 SUMMARY | TE WHAKARĀPOPOTANGA

Less than average rainfall has fallen during February and March resulting in few drainage issues being reported. While the area is not in formal drought conditions it has remained drier than normal over the last four months and below average for the entire year.

Spraying continues in all areas and the mechanical cleaning programme has not yet commenced.

### 2 RECOMMENDATION | TE WHAIKUPU

THAT the report be received.

### 3 PURPOSE | TE ARONGA

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

### 4 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.

## 5 ACTIVITY UPDATE

### **Comments on expenditure: Financial year to date**

Financial statements are noted below.

The **Operations** report follows.

#### Vegetation Control:

There were 54.97km of drains sprayed during February and there were 154.36kms of drain sprayed in March. A total of 277.42kms have so far been sprayed in the year to date.

#### Mechanical Cleaning:

There has been no drains machine cleaned during February or March.

#### Other works:

Routine maintenance was carried out in the district on fencing and culverts during February and March. During these months the drains were also inspected for eel distress. The stop banks by the twin bridges were mowed in February and blockages were removed from Gubbs and Waikumete Streams. Approximately 14 man-hours were spent screen cleaning in February. There was no screen cleaning carried out in March.

### **Pump Operation** (Appendix B)

Regular inspection runs were undertaken during this period. There were 2 pump hours for February and there were 71 pump hours for March. The summary for the year to date is attached.

### **Rainfall** (Appendix B)

The table and graphs of the Ngatea Monthly Rainfall depths since 1993 is attached. The rainfall for February was 33mm and for March was 50mm.

The year to date total from July 1st 2020 is 541mm which is 68% of the average expected to the end of March.

### **Bylaw Approvals**

Bylaw approvals were granted in the period as follows:

- Culverts: Nil
- Other: Nil

### **Subdivisions Commented**

Subdivisions commented on during the period as follows:

- Nil



**Capital Works Programme**

The Capital Works programme consists of:  
 Assessing and raising stopbanks  
 Refurbishing pumps and pump screens

The Contract for the upgrading of the Karito and Hot Springs canal stopbanks has been approved by Council and awarded to KTL Ltd.

The Tenders for the excavation of the foreshore silt trap from Waitakaruru to the Karito Canal have been evaluated and a preferred tenderer identified. A recommendation to award the Contract is awaiting approval prior to advising the successful tenderer and work commencing.

One of the pumps from the Hopai West pumpstation is currently being overhauled. Reinstalling this pump will require some remedial work to the pipeline between the pump and the concrete headwall.

**6 APPROVAL**

<b>Prepared by</b>	EJ Wentzel Utilities Manager
<b>Approved by</b>	Adrian de Laborde Service Delivery Manager

APPENDIX A - Financials - March is not available yet

Western Plains Drainage District						
Financial Report for 8 months to 28 February 2021						
Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
<b>DRAINAGE OPERATIONS</b>						
<b>Vegetation Control</b>						
Area 1	66,000	11,000	929	10,071	8%	1%
Area 2	0	0	4,770	(4,770)		
Area 3	0	0	7,049	(7,049)		
Area 4	0	0	5,729	(5,729)		
Area 5	0	0	741	(741)		
Area 6	0	0	164	(164)		
<b>TOTAL</b>	<b>66,000</b>	<b>11,000</b>	<b>19,382</b>	<b>(8,382)</b>	<b>176%</b>	<b>29%</b>
<b>Mechanical Cleaning</b>						
Area 1	123,000	82,000	296	81,704	0%	0%
Area 2	0	0	164	(164)		
Area 3	0	0	0	0		
Area 4	0	0	1,400	(1,400)		
Area 5	0	0	0	0		
Area 6	0	0	3,059	(3,059)		
<b>TOTAL</b>	<b>123,000</b>	<b>82,000</b>	<b>4,919</b>	<b>77,082</b>	<b>6%</b>	<b>4%</b>
<b>Maintenance/Fencing/Culverts</b>						
Area 1	5,430	3,620	1,603	2,017	44%	30%
Area 2	0	0	344	(344)		
Area 3	0	0	0	0		
Area 4	0	0	0	0		
Area 5	0	0	0	0		
Area 6	0	0	0	0		
<b>TOTAL</b>	<b>5,430</b>	<b>3,620</b>	<b>1,947</b>	<b>1,673</b>	<b>54%</b>	<b>36%</b>
<b>TOTAL DRAIN MAINTENANCE</b>	<b>194,430</b>	<b>96,620</b>	<b>26,248</b>	<b>70,372</b>	<b>27%</b>	<b>13%</b>
<b>Pumps</b>						
General	30,000	20,000	16,522	3,478	83%	55%
WPDD Pumps	100,000	66,667	57,538	9,129	86%	58%
<b>TOTAL</b>	<b>130,000</b>	<b>86,667</b>	<b>74,060</b>	<b>12,607</b>	<b>85%</b>	<b>57%</b>
<b>Floodgates</b>						
(D)	11,000	7,333	4,658	2,675	64%	42%
<b>TOTAL</b>	<b>11,000</b>	<b>7,333</b>	<b>4,658</b>	<b>2,675</b>	<b>64%</b>	<b>42%</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	3,158	2,105	0	2,105	0%	0%
Business Unit Charge Allocation		0	0	0		
Asset Liaison	4,211	2,807	5,740	(2,933)	204%	136%
Data Collection		0	2,830	(2,830)		
Data Maintenance	4,211	2,807	75	2,733	3%	2%
Design		0	0	0		
Drain Inspection	7,897	5,265	7,683	(2,418)	146%	97%
Pump Operation	0	0	0	0		
Rates	0	0	0	0		
Appointed Member Expenses	0	0	0	0		
Meeting Expenses	4,738	3,159	1,647	1,512	52%	35%
Insurance	3,158	2,105	580	1,525	28%	18%
<b>TOTAL</b>	<b>27,373</b>	<b>18,249</b>	<b>18,555</b>	<b>(307)</b>	<b>102%</b>	<b>68%</b>
<b>TOTAL OPERATING</b>	<b>362,803</b>	<b>208,869</b>	<b>123,521</b>	<b>85,347</b>	<b>59%</b>	<b>34%</b>

<b>Overheads</b>						
Overheads	107,448	71,632	71,632	0	100%	67%
<b>TOTAL</b>	<b>107,448</b>	<b>71,632</b>	<b>71,632</b>	<b>0</b>	<b>100%</b>	<b>67%</b>
<b>Depreciation</b>						
Depreciation (D)	134,943	89,962	89,960	2	100%	67%
Depreciation (P)	0	0	0	0		
<b>TOTAL</b>	<b>134,943</b>	<b>89,962</b>	<b>89,960</b>	<b>2</b>	<b>100%</b>	<b>67%</b>
<b>Interest</b>						
Interest (D)	(40,435)	(26,957)	(26,957)	0	100%	67%
<b>TOTAL</b>	<b>(40,435)</b>	<b>(26,957)</b>	<b>(26,957)</b>	<b>0</b>		<b>0%</b>
<b>TOTAL EXPENDITURE</b>	<b>564,759</b>	<b>343,506</b>	<b>258,157</b>	<b>85,349</b>	<b>75%</b>	<b>46%</b>

<b>FLOOD PROTECTION OPERATIONS</b>						
<b>Floodgates</b>						
(F1)	5,000	3,333	1,719	1,614	52%	34%
(F2)	1,500	1,000	164	836	16%	11%
<b>TOTAL</b>	<b>6,500</b>	<b>4,333</b>	<b>1,883</b>	<b>2,450</b>	<b>43%</b>	<b>29%</b>
<b>Stopbanks</b>						
(F1) Waitak Stm Left Bank	632	421	0	421	0%	0%
(F1) Foreshore	0	0	0	0		
(F1) Miranda	526	351	290	61	83%	55%
(F1) Karito/Hill Catchment	0	0	0	0		
(F2) Maukoro Left Bank	0	0	0	0		
(F2) Waitak Stm Right Bank	2,211	1,474	0	1,474	0%	0%
(F2) Gubbs Outlet Bank	0	0	0	0		
<b>TOTAL</b>	<b>3,369</b>	<b>2,246</b>	<b>290</b>	<b>1,956</b>	<b>13%</b>	<b>9%</b>
<b>Depreciation</b>						
Depreciation (F1)	29,989	19,993	19,992	1	100%	67%
Depreciation (F2)	10,982	7,321	7,320	1	100%	67%
<b>TOTAL</b>	<b>40,971</b>	<b>27,314</b>	<b>27,312</b>	<b>2</b>	<b>100%</b>	<b>67%</b>
<b>Interest</b>						
Interest (F1)	10,829	7,219	7,219	0	100%	67%
Interest (F2)	(3,689)	(2,459)	(2,459)	0	100%	67%
<b>TOTAL</b>	<b>7,140</b>	<b>4,760</b>	<b>4,760</b>	<b>0</b>	<b>100%</b>	<b>67%</b>
<b>TOTAL FLOOD PROTECTION</b>	<b>57,980</b>	<b>38,653</b>	<b>34,245</b>	<b>4,408</b>	<b>89%</b>	<b>59%</b>
<b>TOTAL EXPENDITURE</b>	<b>622,739</b>	<b>382,159</b>	<b>292,402</b>	<b>89,758</b>	<b>77%</b>	<b>47%</b>
<b>INCOME</b>						
Rates Funding WPDD (D)	(562,003)	(374,669)	(374,669)	0	100%	67%
Rates Funding WPDD (F1)	(65,429)	(43,619)	(43,619)	0	100%	67%
Rates Funding WPDD (F2)	(6,527)	(4,351)	(4,351)	0	100%	67%
<b>Opening Balance as at 01/07/2020</b>	<b>(2,486,230)</b>					

# APPENDIX B

## Western Plains Drainage District – Pump Running Hours 2020-2021

PUMP HOURS RUN		Jul-20	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	Average
No 5	Rawe Rawe East	51	45	9	0	0	0	0	0	0	0	0	0	105	294
No 6	Ngatea	2	55	7	8	5	0	0	0	0	0	0	0	77	105
No 7	Kaihere	75	16	0	0	0	0	0	0	0	0	0	0	91	547
No 8	Torehape	60	12	0	0	0	0	0	0	0	0	0	0	72	370
No 9	Phillips Road	92	36	8	0	0	0	1	0	0	0	0	0	137	454
No 11	Robinson	11	16	31	0	0	0	0	0	0	0	0	0	58	200
No 12	Julians	94	45	7	7	0	0	0	0	0	0	0	0	153	327
No 17	Pouarua No 1/1	238	116	22	8	35	0	0	0	0	0	0	0	419	780
	Pouarua No 1/2	375	343	174	0	51	0	0	0	0	0	0	0	943	720
No 18	Stitchbury	64	21	2	0	0	0	0	0	0	0	0	0	87	235
No 21	Appletree/1	91	94	0	0	1	0	0	0	0	0	0	0	186	480
	Appletree/2	56	22	0	0	0	0	0	0	0	0	0	0	78	416
No 22	Paul Leonard	0	0	0	0	0	0	0	0	1	0	0	0	1	136
No 23	Ngarua Central	69	34	3	0	0	0	1	0	0	0	0	0	107	328
No 24	Mangawhero/1	46	87	47	8	12	0	4	0	3	0	0	0	207	579
	Mangawhero/2	171	47	1	0	0	0	1	0	4	0	0	0	224	644
No 25	Waikaka North	64	40	10	1	4	0	0	49	0	0	0	0	168	322
No 26	Waikaka South/1	0	1	0	0	2	0	2	0	6	0	0	0	11	475
	Waikaka South/2	166	111	31	12	17	0	14	2	8	0	0	0	361	532
No 27	Pouarua No 2/1	45	0	0	0	0	0	0	0	0	0	0	0	45	324
	Pouarua No 2/2	93	49	0	0	24	0	0	0	0	0	0	0	166	366
No 29	Rawe Rawe West	139	111	23	1	15	0	0	0	0	0	0	0	289	548
No 70	Miranda/1	126	158	7	0	5	0	0	0	0	0	0	0	296	524
	Miranda/2	48	7	0	0	0	0	0	0	0	0	0	0	55	513
No 73	Hopai West/1	0	0	0	0	0	0	0	0	0	0	0	0	0	438
	Hopai West/2	137	113	28	8	22	0	5	0	0	0	0	0	313	324
No 74	Martinovich/1	62	42	18	6	15	0	3	0	0	0	0	0	146	202
	Martinovich/2	89	65	29	14	25	0	4	0	0	0	0	0	226	195
No 75	Central North/1	20	26	0	0	1	0	0	0	0	0	0	0	47	136
	Central North/2	0	8	0	0	0	0	0	0	0	0	0	0	8	57
														<b>5076</b>	<b>11568</b>

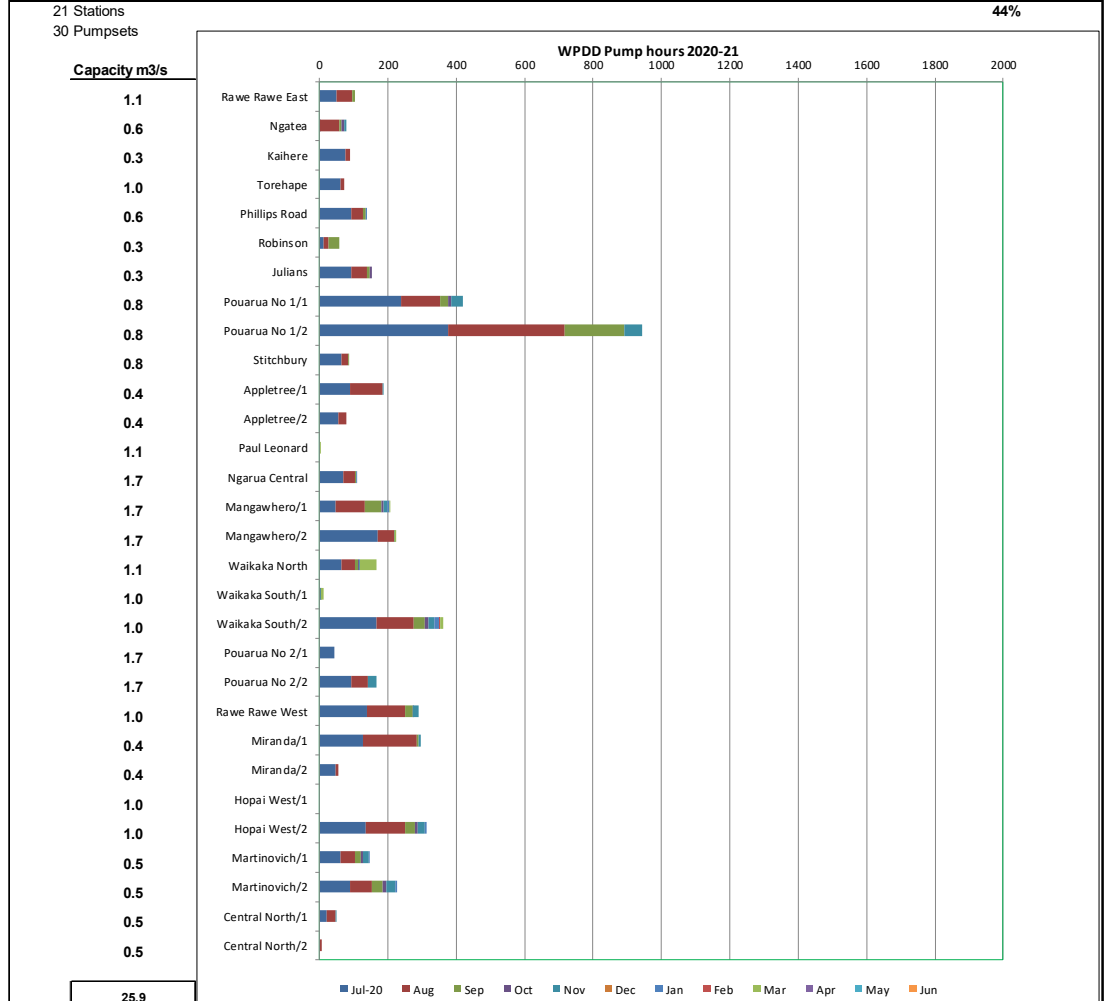


Figure 1

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

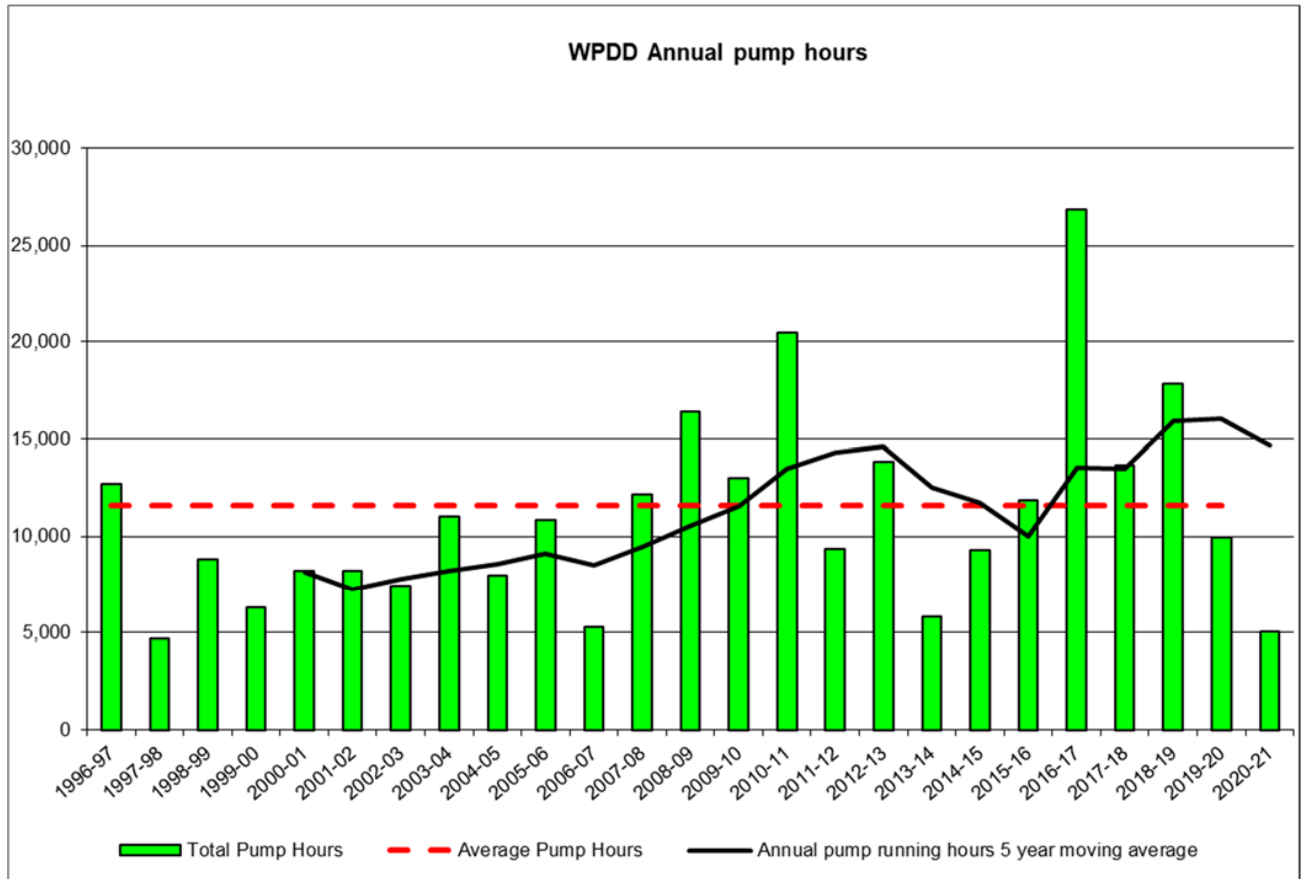


Figure 2

**Annual Pump Running Hours – All Districts**

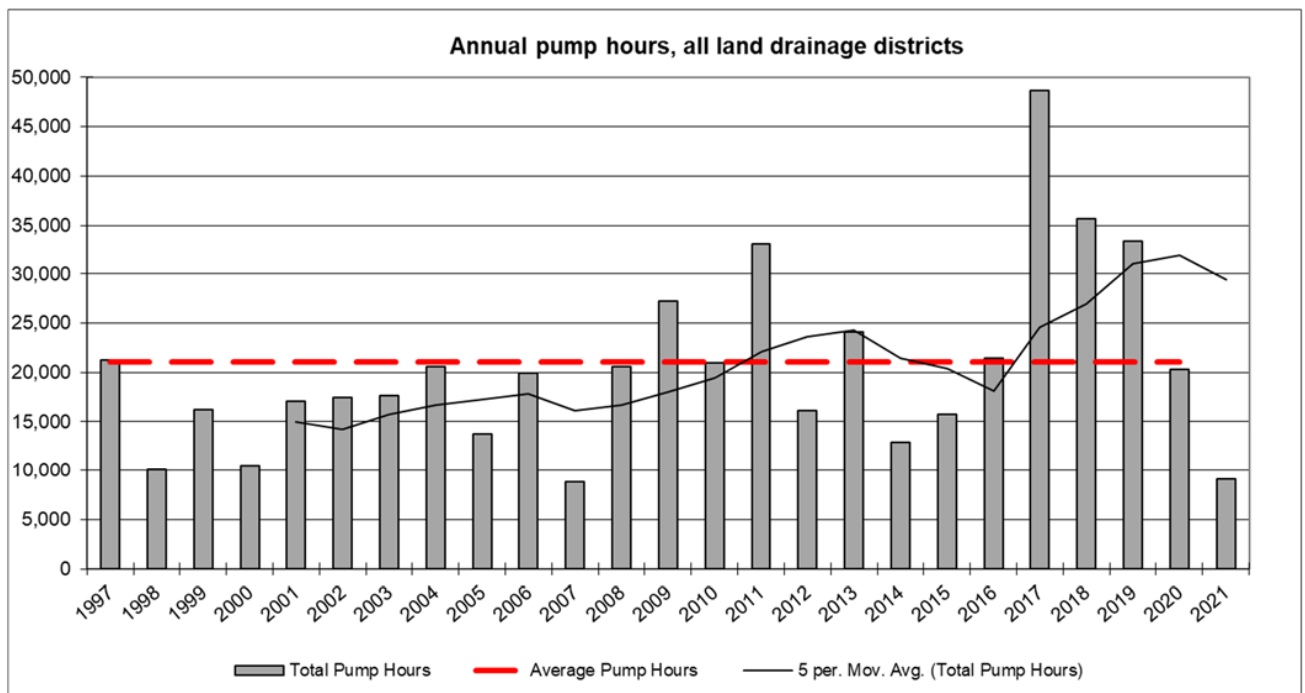


Figure 3

**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	83.0	264.0	85.0	116.0	43.0	23.0	114.0	30.0	851
2021	47.0	33.0	50.0										130
Ave.	56	67	81	100	98	129	135	113	100	80	72	85	1081
Max	270	230	341	255	176	264	299	229	222	146	207	228	1529
Min.	2	4	12	7	41	50	8	57	43	18	15	9	839

Figure 4

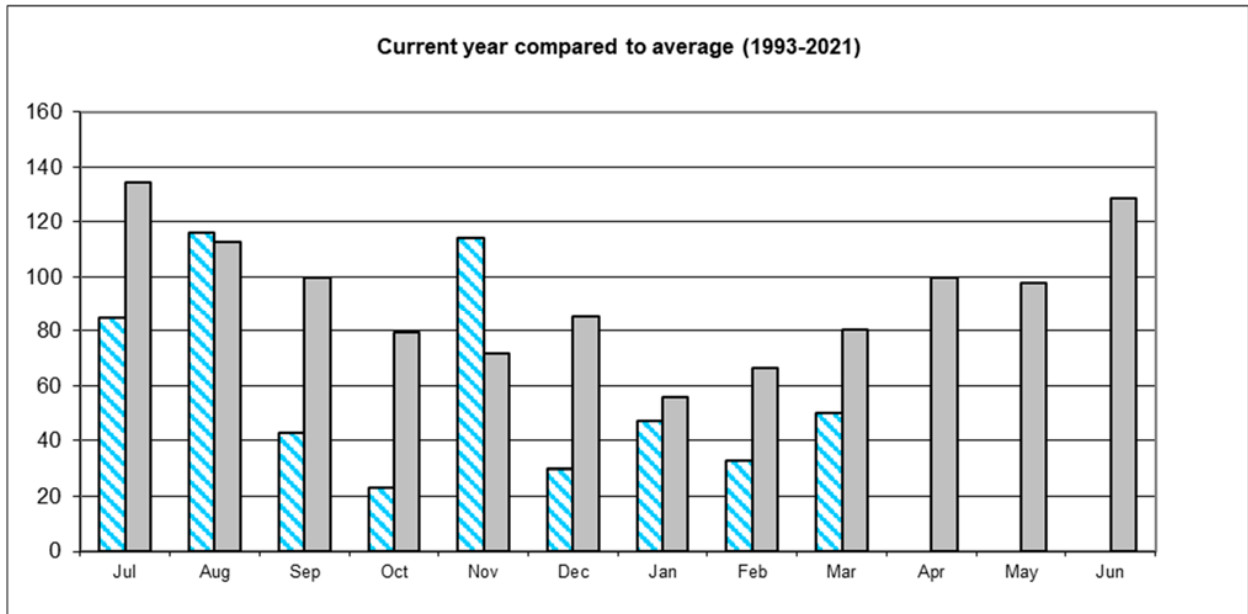


Figure 5

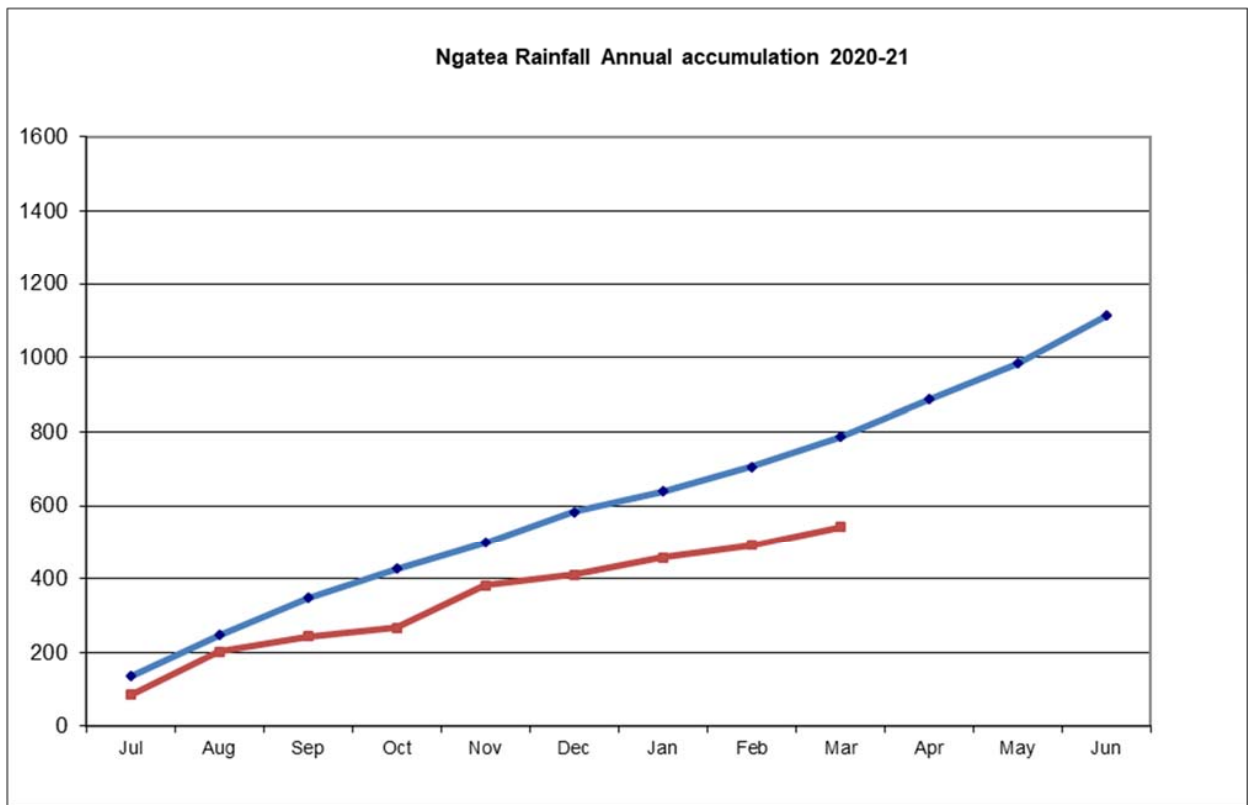


Figure 6