



A G E N D A

WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE MEETING

Thursday, 04 May 2023, 10.30am

Council Chamber
Ngatea Office Service Centre
84 Orchard West Road
Ngatea



Membership

Committee Members:

His Worship the Mayor, D A Adams

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

Council Representatives:

Councillor P Buckthought
Councillor S Crooymans
Councillor N Gray

Staff:

A de Laborde (Group Manager – Engineering Services)
J de Vos (Utilities Manager)
B Stephens (Drainage Overseer)
G Russell (Land Drainage Contractor)
C Black (Council Secretary)

Hauraki District Council, P O Box 17, William Street Paeroa, New Zealand
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Delegations: Western Plains Drainage Committee (WPDD)

Membership	<p>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">■ A representative (or alternative) of Waitakaruru/Miranda■ A representative (or alternative) of Pipiroa■ Two representatives (or alternatives) of Rawerawe/Ngatea/Pahunga■ A representative (or alternative) of Kaihere/Torehape■ Two representative (or alternative) of Patetonga/Mangawhero■ A representative (or alternative) of Pouarua/Maukoro
Meeting frequency	The first Thursday in the month commencing at 10.30am

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 Committees 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

Thursday, 04 May 2022 – 10.30am

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

<u>Order of Business</u>	Pages
1. Councillor Representative will open the meeting and call for apologies.	
2. Election of Chairman and Deputy Chairman (Councillor Representative will call for nominations)	
3. Declarations of Late Items	
4. <u>Confirmation of Minutes</u>	
4.1 Western Plains District Drainage Committee Minutes 02-02-23	5
5. <u>Reporting (for information)</u>	
5.1 Waikato Regional Council Update on Activities (WRC representatives)	
5.2 Western Plains Drainage Activity Report January to March 2023 and Financial Report for the period for the 9 months to 31 March 2023	9
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, 02 FEBRUARY 2023 COMMENCING AT 10.30 AM

PRESENT

B A Carter (Chairperson), B Pirie (Deputy Chairperson), B Keane, G Laurich (from 10.35am), P A Leonard (10.30am – 11.59am), P Johnstone, P Paterson, M Karl, R D Young, and Cr S Crooymans (Council Representative) and Cr N Gray (Council Representative)

IN ATTENDANCE

S Clark (WRC - Works Supervisor, Paeroa Team - Integrated Catchment Management), D Peddie (Group Manager – Business Support), G Russell, B Stephens (Drainage Overseer) and C Black (Council Secretary)

APOLOGIES

RESOLVED

THAT the apology for absence of R Young and Cr P Buckthought and for the lateness of G Laurich be received and sustained.

WPDD23/01

Paterson/Gray

CARRIED

LATE ITEMS

There were no late items.

Gavin Laurich attended the meeting at 10.35am.

CONFIRMATION: WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE MINUTES – 29-09-23 - 3269690

RESOLVED

THAT the minutes of the meeting of the Western Plains Drainage District Committee held on Thursday, 29 September 2022 be taken as read and confirmed.

WPDD23/02

Karl/Keane

CARRIED

WAIKATO REGIONAL COUNCIL UPDATE ON OPERATIONAL ACTIVITIES – FEBRUARY 2022

Steve Clark provided an overview of operational activities to date.

- Have a new rain gauge at Orongo on Bachelors property monthly rainfall recorded for January was very high. 1517mm at Pinnacles; 218mm at Orongo; 276mm at Kaihere.
- 29 to 31 January storm event – power fluctuations experienced at most pumpstations with a direct lightning strike on the Philips Road pump. New motor has been installed over long weekend. Many pumps tripped out and six pole fuses blew due to lightning strike.
- Kenny Growden asked that if anyone has post storm issues, to contact him. WRC are currently assessing drainage areas to ensure that the level of service has been met. Property owners need to take photos of any issues and send them through to WRC. Kenny and Adam Munro will assess them.

- Over last week, NES from Waihi (portable pump supplier) did not have any pumps available so had to look elsewhere as most pumps have gone to Auckland to assist in the flooding there. Have sourced a new supplier now that can provide portable motors and pumps.
- Flood peak is still coming through the Piako system. Levels are not likely to overtop the first emergency ponding zone stopbanks and affect the Mangawhero area.
- Appletree pump was being overhauled when the rain event struck, but is now reinstalled. Both pumps have new motors now.
- Recently completed annual stopbank inspections.
- Also have finished cleaning Waikaka canal from the Waikaka north floodgate and finished the stem 1 dig on the Piako River.

Questions raised for WRC representative follow up:

- HDC - Drainage Overseer asked that Ngarua floodgate be checked.
- Gavin Laurich advised of weed build-up by the Settlers floodgate blocking it and asked of this can this be addressed.
- Cr Neil Gray asked if there were generators available, when/if electrical supply is lost. Drainage Overseer advised that power suppliers have an agreement with Council to prioritise getting pumps back up and running. The ability to plug in portable generators is only provided at urban pumping sites.
- Guy Russell advised that the existing diesel generators at some WRC sites are where there are larger pumps and the power demand is high. The daily PowerCo standing charges are high, and it was more economical to install and use diesel generators than it was to pay high daily standing charges and use electricity from the national grid.

DRAINAGE REPORT – SEPTEMBER – DECEMBER 2023 AND FINANCIAL REPORT FOR THE PERIOD 6 MONTHS TO 31 DECEMBER 2023 - 3330193

The Land Drainage Contractor and Drainage Overseer presented the land drainage activity report for September – December 2022.

RESOLVED

THAT the report be received.

WPDD23/03

Carter/Pirie

CARRIED

Drainage Overseer

- Maintenance programme is non-existent due to the continuous wet weather since September. Some spraying has been completed in Rawerawe and Hopai areas.
- A lot of weed infestation at the pumps, more labour required maintaining pumps, and there will be higher pump running costs.
- 27 to 29 January event;
 - Tractor pump working hard to keep houses dry at Waitakaruru, finishing pumping last night. Challenging time over weather event.

- The Hot Springs stopbank at back Miranda Road was overtopped by high catchment flows. This will be rectified when the stopbank work is completed when weather allows.
- The northern boundary stopbank, where Front Miranda Road crosses it, is low and water was pouring in from the northern side into the hot pool system. The road should be built up to stopbank height or some other provision put into place to prevent future overflows.

Drainage Contractor

- Rainfall since August last year has been more than average for every month except December.
- The flood event of 2 October affected the Miranda Coast catchments – rainfall figures in Ngatea indicated approximately an annual rain event but the Miranda Coast reported rainfall of a 20-30-year event. As a result, ponding was lying for more than 3 days in the Karito and Hot Springs areas. The Level of Service was not met but the storm exceeded the 10-year event.
- Rainfall in the 27 to 29 January event has exceeded the 10-year event in many places. Rainfall at Mangatangi over the 3 days has been assessed to be a 50 to 80-year event, hence the Miranda Coast area has been flooded again.

Financial Report (for previous year 2021-22):

Due to previous dry years – budget is underspent by approximately \$100,000.

Capital expenditure was over \$1 million for last financial year, and new reserve balance is \$1.84 million

Capital works:

Hot Springs stopbanks – should be completed in March 2023.

Foreshore stopbank - first stage for the Waitakaruru to Karito section has been completed with partially dried spoil lifted onto the stopbank. This will be shaped and re-grassed in April/May if it dries out sufficiently.

Canal West Road stopbank – tender documents have been put together. Project will be using excess spoil offered by WRC – permission from Pouarua Farms has been granted to allow access the spoil area.

WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE – REVIEW OF PROPOSED 2023-24 BUDGETS - 3335487

Guy Russell and Duncan Peddie, Group Manager – Business Support presented the budgets.

RESOLVED

THAT the report be received.

WPDD23/04

Paterson/Johnstone

CARRIED

- Depreciation has reduced due to more accurate asset data and revaluation of assets
- Cost increases are due to less interest in future and changes to overheads.
- More time has been spent on the asset management data.
- The overall impact is a 5.6% increase in expenditure

Pat Leonard left the meeting at 11.59am.

MUGGERIDGE PUMP PROJECT

Members requested that they be provided with a detailed update on the status of the Muggeridge Pump Project.

RESOLVED

THAT Western Plains Drainage District Committee recommends that Hauraki District Council communicate with Waikato Regional Council seeking an update on the Muggeridge pump project.

WPDD23/05

Paterson/Johnstone

CARRIEDMember's feedback on drainage matters in their areas:

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

- Peter Paterson – water coming down from the western hills onto his property is ending up at the pumps by the river when it could be diverted. Requested consideration that two culverts be installed to help address the issue when there is a significant weather event. Requested that Guy Russell visit with appropriate staff to consider options for addressing this matter.
- Peter Johnstone – water from the Phillips Road catchment is flooding his property and other properties. When the Phillips Road floodgates close, water reverse flows down the drain to flood the lowest land. He asked that Council consider funding the installation of a floodgate to prevent this reverse flow. Members suggested putting a block in the drain as an option to address the issue.

Action: Guy Russell to investigate if a resource consent is required to install a floodgate in the Phillips Road drain.

RESOLVED

THAT the Committee recommends that Hauraki District Council construct a floodgate within the Phillips Road drain if consent is not required.

WPDD23/06

Laurich/Pirie

CARRIEDRe-Establishment of Land Drainage Advisory Committees for 2023-2026 Term

Members were reminded that nominations will be open from 28 February to 28 March 2023 for the re-establishment of Council's four Land Drainage Advisory Committees. The Council Secretary will be emailing out information on the process including maps of all drainage areas in each district plus nominations forms. These will also be available at the Paeroa Office and Ngatea Service Centre from 28 February.

The meeting closed at 12.44pm.

CONFIRMED

B A Carter
Chairperson

04 May 2023

FOR INFORMATION | NGĀ MŌHIOTANGA



TO	Western Plains Drainage Committee
AUTHOR	Guy Russell Land Drainage Engineer
FILE REFERENCE	Document: 3392958 Appendix A: Ngatea rainfall figures Appendix B: Pump running hours for 2022/23 Appendix C: Final Financial statements to March 2023
PORTFOLIO HOLDER/S	Councillor Buckthought Councillor Crooymans Land drainage and flood protection portfolio
MEETING DATE	04 May 2023
SUBJECT	Western Plains land drainage activity report, January to March 2023

SUMMARY | TE WHAKARĀPOPOTANGA

This Report covers drainage activities for the period of January to March 2022.

Due to the higher than normal amounts of rain over the last three months, staff have continued to monitor and respond to the assets to ensure that they will operate when necessary. The weather has also prevented the spray programme from commencing until early March 2023.

RECOMMENDATION | TE WHAIKUPU

THAT the report be received.

1 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 activities in the Western Plains drainage area for the months of January to March 2023.

2 BACKGROUND | TE KŌRERO Ā MUA

Hauraki District Council provides infrastructure for the land drainage and flood protection activity in four constituted drainage areas within its district in conjunction with Waikato Regional Council. 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. The land drainage and flood protection network is comprised of stopbanks, floodgates, pump stations and land drains.

In general assets are classified as flood protection (primary) or drainage (secondary) assets. The Western Plains drainage area consists of both flood protection assets and drainage assets that are the responsibility of Hauraki District Council, plus flood protection assets that are the responsibility of Waikato Regional Council.

3 Operational Activity

Vegetation Control

Spraying for the 2022/23 year did not commence until 21 February 2023 due to the adverse weather that has been experienced since August 2022. Since then 98 km have been sprayed within the Western Plains area and that includes the completion of the annual helicopter spray.

Mechanical Cleaning

There has been a limited amount of mechanical cleaning activity with a weed clean of the Townsend drain in January and the Central Road West drain in February.

Other works

Routine maintenance and inspections of stopbanks, floodgates and culverts have been undertaken. Pumpstations have been checked to keep them operational, particularly through the rain events.

Desilted Indian high level floodgate and cleared the Costello floodgate. Also cleared the Mangawhero debris trap, Tako's culvert and Rawerawe West culvert.

Bylaw Approvals

Bylaw approvals were granted in the period as follows:

Culverts: G Laurich, Rawerawe West Road; Rawerawe Roadside South drain (Drain No. A53)
Other: Nil

Subdivisions Commented On

Subdivisions commented on during the period as follows:

Nil

Rainfall

Rainfall figures for Ngatea are attached as Appendix A. The information includes the year to date rainfall for the first 9 months of the 2022/23 year, until the end of March 2023.

January's rainfall is the highest recorded since records began in 1963 at 322mm, some 511% greater than average. February's rainfall was 159mm, 230% greater than average and March's rainfall was 66mm, 85% of average. The total rainfall since July 2022 is running at 167% greater than average and is heading for the wettest 12 months on record. The high rainfall levels are reflected in the following high pump running hours

The rainfall event of 27 to 29 January 2023 (72 hrs or 3-day rainfall) resulted in significant flooding in some areas. The following summary is from the local readings at Ngatea, plus information around the district provided by WRC.

Rainfall site	Catchment	72 hr Rainfall depth	Return period
Queens Head	Ohinemuri	228mm	5 to 10 yr event
Golden Cross	Waitekauri	407mm	5 to 10 yr event
Appletree	Firth of Thames	182mm	20 to 30 yr event
Ngatea	Lower Piako	177mm	30 to 40 yr event
Maukoro Landing	Lower Piako	148mm	10 to 20 yr event
Maungakawa	Kaihere	202mm	80 to 100 yr event
Mangatangi Dam	Miranda – Kaiaua	296mm	60 to 80 yr event

As a result, ponding remained on land in the Patetonga-Waitakaruru- Miranda area for more than 3 days.

The high flows from the Hot Springs upper catchment resulted in the left stopbank overtopping immediately below Back Miranda Road, flooding adjacent farmland and the Hot Springs Holiday Park for more than three days.

Ponding occurred upstream of the Hill Drain and stopbank in the Karito Canal system that remained for more than three days.

Ponding occurred behind stopbanks in the Waitakaruru area and a mobile pump was deployed at the school drain outlet. Ponding remained until the Waitakaruru River receded sufficiently to allow floodgate action.

Ponding remained for more than three days in some of the pump catchments in the Patetonga – Kaihere area.

As a consequence, the Level of Service requirement for land drainage to clear ponded water within three days was not met, but the storm event in those particular catchments was assessed to be greater than the ten-year event.

Pump Operation

The pumps have had a significant amount of use in January and February due to the higher than average rainfall. January pump running was 1691 hours when the average is 237 hours, some 714% greater than average. February running saw 6243 hours when the average is 203 hours, some 3075% greater than average. Pumps have continued to run in March, recording only 207% greater than average.

The main rainfall event occurred on 27 to 29 January, hence the February hours will include runoff from that event. Details so far this year are shown in Appendix B.

Financials

The March 2023 financial statement for the year to date is shown in Appendix C. As expected, vegetation control and mechanical cleaning are within budget, but pump operation is greater

than budget. Overall expenditure is greater than budget for this time of the year mainly due to the full amount of depreciation already having been charged.

4 Capital Works

The capital works programme consists of assessing and raising stopbanks plus refurbishing pumpstations and floodgates.

The Foreshore stopbank from Indian floodgate to the Karito Canal had last year’s dig lifted up onto the stopbank crest prior to Xmas and is now looking dry enough to finally shape and trim. That final step is currently being arranged.

Construction work on the Hot Springs canal stopbanks re-commenced in March and the right stopbank was completed prior to Easter. Wet weather has delayed progress on the left bank but it is anticipated that will be completed early May.

The Contract to raise the stopbank levels along Canal West Road has been let and the required documentation submitted. Discussions are currently being held with the Contractor about the most appropriate time to start the work, likely February 2024.

Approval

Prepared by	Guy Russell Drainage Engineer
Approved by	Adrian de Laborde Service Delivery Manager

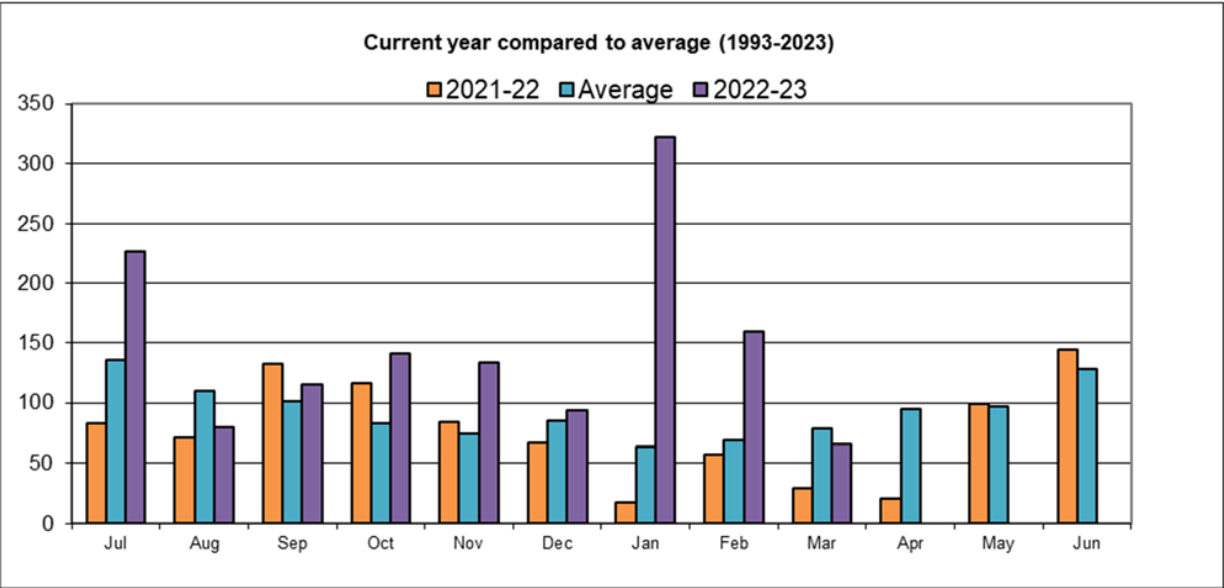
APPENDIX A

Ngatea Rainfall Figures; 1993 to present

Ngatea Monthly Rainfall 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	39.0	94.0	104.0	83.0	71.0	132.0	116.0	84.0	67.0	920
2022	18.0	57.0	29.0	21.0	99.0	144.0	227.0	80.0	115.0	141.0	133.0	94.0	1158
2023	322.0	159.0	66.0										547
Ave.	63	69	78	95	98	128	136	110	101	83	74	85	1110
Max	322	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

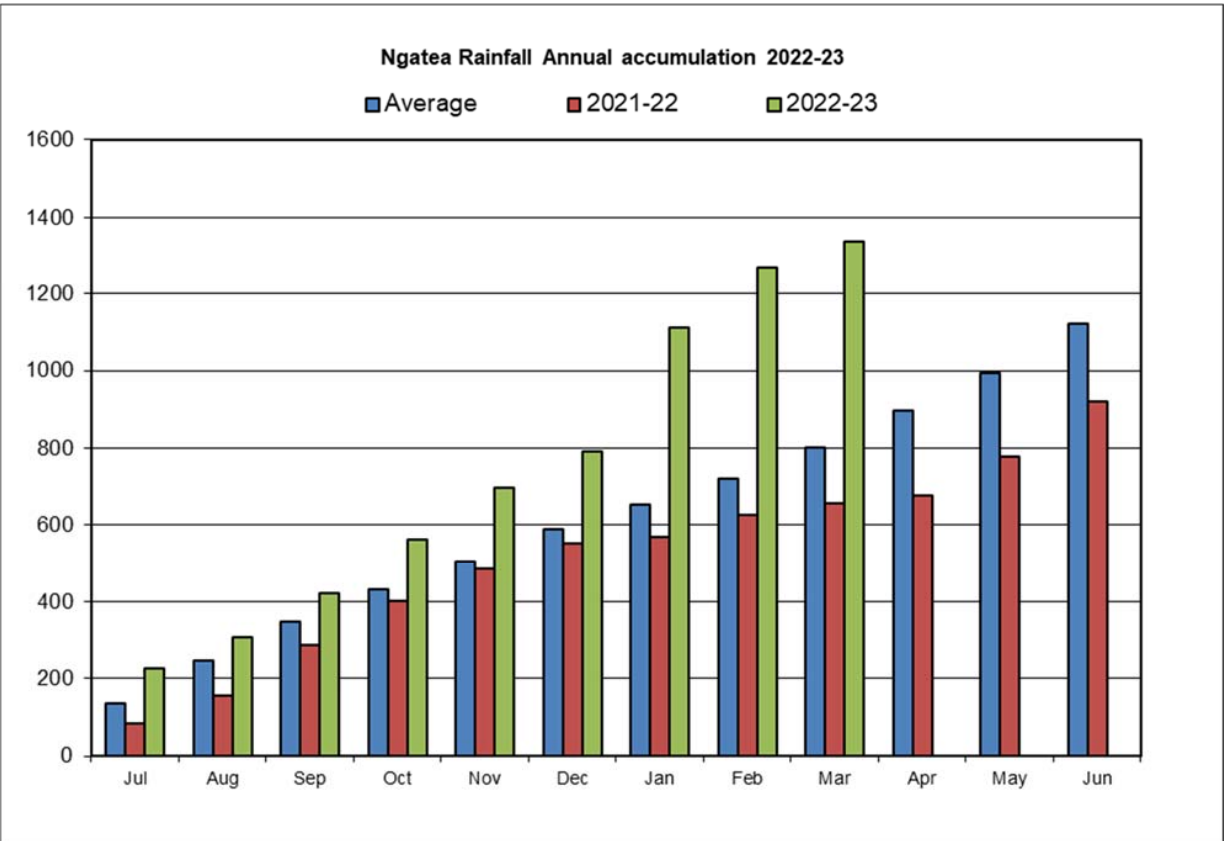
Ngatea Rainfall; Current year compared to last year & average, by month

Monthly totals for 2022 – 2023 year so far



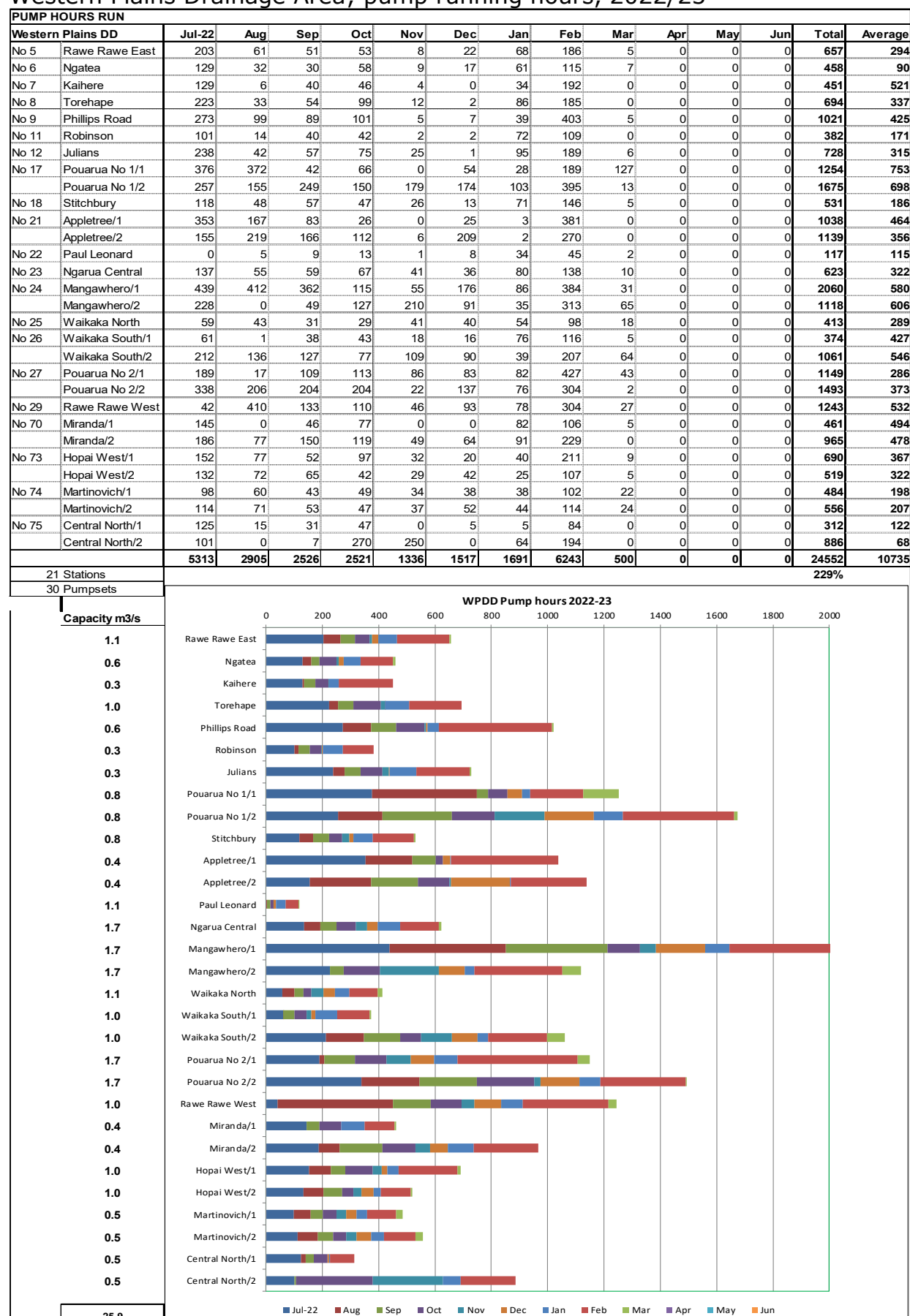
Ngatea Rainfall; Monthly accumulation compared to last year & average

Monthly accumulation for 2022 – 2023 year so far



APPENDIX B

Western Plains Drainage Area; pump running hours, 2022/23



APPENDIX C

Western Plains drainage area final financial report for 9 months to March 2023

Western Plains Drainage District						
Financial Report for 9 months to 31 March 2023						
Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
DRAINAGE OPERATIONS						
Vegetation Control						
Area 1	68,244	51,183	3,151	48,032		
Area 2	0	0	4,092	(4,092)		
Area 3	0	0	6,709	(6,709)		
Area 4	0	0	7,273	(7,273)		
Area 5	0	0	2,403	(2,403)		
Area 6	0	0	314	(314)		
TOTAL	68,244	51,183	23,941	27,242	47%	35%
Mechanical Cleaning						
Area 1	127,180	95,385	8,180	87,206		
Area 2	0	0	1,420	(1,420)		
Area 3	0	0	0	0		
Area 4	0	0	4,813	(4,813)		
Area 5	0	0	911	(911)		
Area 6	0	0	4,690	(4,690)		
TOTAL	127,180	95,385	20,013	75,373	21%	16%
Maintenance/Fencing/Culverts						
Area 1	5,687	4,265	90	4,175		
Area 2	0	0	0	0		
Area 3	0	0	720	(720)		
Area 4	0	0	90	(90)		
Area 5	0	0	0	0		
Area 6	0	0	1,010	(1,010)		
TOTAL	5,687	4,265	1,910	2,355	45%	34%
TOTAL DRAIN MAINTENANCE	201,111	150,833	45,863	104,970	30%	23%
Pumps						
General	37,224	27,918	73,964	(46,046)	265%	199%
WPDD Pumps	93,060	69,795	86,380	(16,585)	124%	93%
TOTAL	130,284	97,713	160,343	(62,630)	164%	123%
Floodgates						
(D)	15,510	11,633	6,846	4,787	59%	44%
TOTAL	15,510	11,633	6,846	4,787	59%	44%
Stopbanks						
(D) Tributary Banks	0	0	0	0		
TOTAL	0	0	0	0		
Other						
Weather Events	3,265	2,449	8,358	(5,909)	341%	256%
Business Unit Charge Allocation		0	0	0		
Asset Liaison	4,354	3,266	8,084	(4,818)	248%	186%
Data Collection	5,170	3,878	0	3,878	0%	0%
Data Maintenance	4,354	3,266	1,761	1,504	54%	40%
Design		0	0	0		
Drain Inspection	8,165	6,124	6,570	(446)	107%	80%
Pump Operation	0	0	0	0		
Rates	0	0	1,277	(1,277)		
Appointed Member Expenses	0	0	0	0		
Meeting Expenses	4,572	3,429	1,260	2,169	37%	28%
Insurance	3,265	2,449	6,430	(3,981)	263%	197%
TOTAL	33,245	24,859	33,739	(8,881)	136%	102%
TOTAL OPERATING	380,050	285,038	246,792	38,246	87%	65%
Overheads						
Overheads	99,154	74,366	74,367	(2)	100%	75%
TOTAL	99,154	74,366	74,367	(2)	100%	75%
Depreciation						
Depreciation (D)	243,636	182,727	243,636	(60,909)	133%	100%
Depreciation (P)	0	0	0	0		
TOTAL	243,636	182,727	243,636	(60,909)	133%	100%
Interest						
Interest (D)	(40,861)	(30,646)	0	(30,646)	0%	0%
TOTAL	(40,861)	(30,646)	0	(30,646)	0%	0%
TOTAL EXPENDITURE	681,979	511,484	564,795	(53,310)	110%	83%

Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
FLOOD PROTECTION OPERATIONS						
Floodgates						
(F1)	7,238	5,429	5,221	208	96%	72%
(F2)	1,550	1,163	810	353	70%	52%
TOTAL	8,788	6,591	6,031	560	91%	69%
Stopbanks						
(F1) Waitak Stm Left Bank	653	490	0	490	0%	0%
(F1) Foreshore	0	0	0	0		
(F1) Miranda	544	408	421	(13)	103%	77%
(F1) Karito/Hill Catchment	0	0	0	0		
(F2) Maukoro Left Bank	0	0	0	0		
(F2) Waitak Stm Right Bank	2,286	1,715	0	1,715	0%	0%
(F2) Gubbs Outlet Bank	0	0	0	0		
TOTAL	3,483	2,612	421	2,191	16%	12%
Depreciation						
Depreciation (F1)	22,962	17,222	22,962	(5,741)	133%	100%
Depreciation (F2)	0	0	0	0		
TOTAL	22,962	17,222	22,962	(5,741)	133%	100%
Interest						
Interest (F1)	(6,248)	(4,686)	0	(4,686)	0%	0%
Interest (F2)	(3,245)	(2,434)	0	(2,434)	0%	0%
TOTAL	(9,493)	(7,120)	0	(7,120)	0%	0%
TOTAL FLOOD PROTECTION	25,740	19,305	29,414	(10,109)	152%	114%
TOTAL EXPENDITURE	707,719	530,789	594,208	(63,419)	112%	84%
INCOME						
Rates Funding WPDD (D)	(627,705)	(470,779)	(470,779)	0	100%	75%
Rates Funding WPDD (F1)	(76,202)	(57,152)	(57,152)	0	100%	75%
Rates Funding WPDD (F2)	(7,505)	(5,629)	(5,629)	0	100%	75%
TOTAL INCOME	(711,412)	(533,559)	(533,559)	0	100%	75%
Opening Balance as at 01/07/2022	(1,844,520)		(1,844,520)			
Operating movement	(3,693)		60,649		Rates at budgeted value at this point	
Add back Depreciation	(266,598)		(266,598)			
Capital Movement: Drainage - Western Plains DD	814,878		7,601			
Capital Movement: Drainage - Western Plains F1	512,100		1,035			
Capital Movement: Drainage - Western Plains F2	0		30,458			
Projected Closing Balance	(787,833)		(2,011,375)			