



A G E N D A

EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE

Thursday, 05 August 2021, 1.00pm

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



Membership

Committee Members:

His Worship the Mayor

R P Hunter
K R Caddy
K J Reid
P Schouten
R Webster
A Green
T Nicholson
D Coldicutt

Council Rep:

Councillor P Buckthought

Councillor Rep (alternate):

Councillor R Garrett

Hauraki District Council staff:

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

Waikato Regional Council Staff:

S Clark
A Munro

Delegations: Eastern Plains Drainage Committee (EPDD)

Membership	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: <ul style="list-style-type: none">■ One representative (or alternative) of Kopuarahi/Orongo■ One representative (or alternative) of Horahia■ Two representatives (or alternative) of Wharepoa■ Two representatives (or alternatives) of Awaiti■ Two representatives (or alternatives) of Netherton
Quorum	As per Standing Order 11.2, half the members physically present.
Meeting frequency	The first Thursday in each month bi-monthly commencing at 1.00pm 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 Eastern 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.



EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE

AGENDA

Thursday, 05 August 2021 – 1.00pm

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

Order of Business

Pages

1. Apologies
2. Declarations of Late Items
3. Confirmation: Eastern Plains District Drainage Committee Minutes
06-05-21 - 2949625 **5**
4. Waikato Regional Council Update on Activities
5. Eastern Plains Drainage Activity Report from April to June 2021 - 2964241 **8**
6. Member's feedback on drainage matters in their areas.

HAURAKI DISTRICT COUNCIL

EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE

MINUTES OF A MEETING OF THE EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE HELD IN THE COUNCIL CHAMBERS, NGATEA SERVICE CENTRE, 84 ORCHARD WEST ROAD, NGATEA ON THURSDAY, 06 MAY 2021 COMMENCING AT 1.00PM

PRESENT

K J Reid (Deputy Chairperson – in the chair), K R Caddy, T Nicholson, A Green, D Coldicutt, P Schouten, R Webster, Cr P Buckthought and Cr R Garrett (1.00-2.05pm)

IN ATTENDANCE

S Clark (WRC - Works Supervisor, Paeroa Team - Integrated Catchment Management), K Botting (WRC-Infrastructure Programme Lead, Business and Technical Services, Integrated Catchment Management), E J Wentzel (Utilities Manager), G Russell (Land Drainage Contractor), B Stephens (Drainage Overseer) and C Black (Council Secretary)

APOLOGIES

RESOLVED

THAT the apology of R Hunter be received and sustained.

EPDD21/28

Caddy/Webster

CARRIED

LATE ITEMS

There were no late items.

CONFIRMATION: EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE MINUTES – 04-03-21 - 2903769

RESOLVED

THAT the minutes of the meeting of the Eastern Plains Drainage District Committee held on Thursday, 04 March 2021 are received and confirmed as a true and correct record.

EPDD21/29

Webster/Buckthought

CARRIED

MATTERS ARISING FROM THE MINUTES

Richard Webster raised matter on page 2 regarding the pipes at Johnson's that have failed through corrosion.

Steve Clark advised that the pipes have been ordered and will be replaced. Ownership of the pipes is something that needs to be addressed between HDC and WRC.

Re-naming of Land Drainage Committees

A further discussion was held as regards to the proposed name change for the Land Drainage Committees. It was advised that a submission has been received through Council's Long Term Plan consultation process suggesting the name be changed to 'Water Management' Committees.

It was considered that this name does not clearly reflect the true purpose and role of the Committees. Further consideration on the name change will be sought from the Committee along with input from the Utilities Manager and Group Manager - Service Delivery.

WRC Operational Updates: Steve Clark, WRC - Works Supervisor

- Commenced opening the Waihou floodgates through to Turua on 7th May. Completed through to the highway except for Cox's floodgate but there is not enough water in the system. Will not be doing the Piako floodgates as there is also not enough water in the internal system.
- An access culvert at Huirau Road has been replaced.
- Paeroa team will be undertaking some under-sowing on the bank of the northern canal around the back of the peat dome has been carried out.
- Advised update on McGaffan's / Campbell's floodgate will be covered in Karen Botting's report.

DRAINAGE REPORT – FEBRUARY – MARCH 2021 AND FINANCIAL REPORT FOR THE PERIOD 8 MONTHS TO 28 FEBRUARY 2021 – 2936213

The Utilities Manager presented the drainage report for February-March 2021 and the financial report for the period 8 months to 28 February 2021.

RESOLVED

THAT the report be received.

EPDD21/30

Webster/Green

CARRIED

HDC Drainage Overseer Update – Operational

The Drainage Overseer provided a summary of activity since the last meeting.

- Sprayed all of eastern area and respraying where there is regrowth.
- Minimal machine cleaning has been required.
- Quite a number of drain slippages – these are being retained with timber retaining walls.
- Low pump running hours due to the drop in seasonal temperatures.
- Digger is in the south catchment currently undertaking weed cleaning.

Financials

It was noted that there has been very little expenditure to date.

Waikato Regional Council - Shovel Ready Projects

Karen Botting spoke on the shovel ready projects as follows:

Piako River Asset Rationalisation

Karen presented the concept plan of the Piako River Asset Rationalisation project, explaining its location and advised the purpose of the project is to combine 3 floodgates into one asset.

Commissioning of new asset will happen first, then other floodgates will be decommissioned.

Consultation is being undertaken with all stakeholders affected by the project which will be undertaken in two stages.

Concept plans will be reviewed with construction to commence in the summer of 2022-23.

Cr Garrett left the meeting at 2.05pm.

Piako Green Corridor Project

Karen advised she will bring the green corridor project concept plan to the next meeting of the Committee in July.

Action: Council Secretary to email all member's contact details to Karen to allow her to send information on WRC shovel ready projects to all members.

Member's feedback on drainage matters in their areas:

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

Richard Webster – commented that land is very dry for this time of the year.

Ted Nicholson – no issues raised.

Peter Schouten – asked that the schedule of drain cleans be emailed to all members. Staff will follow up.

Andrew Green – The issues related to Barriball's drainage have not been addressed to date and requested a resolution be found. The Drainage Overseer to investigate further.

Keven Caddy – raised his concern that some of the riparian plantings undertaken by WRC appear to be dying. WRC staff took note of this and will investigate.

Kim Reid – drain between Reid's and TK's banks are slumping. Roadside Netherton – Morrison drain also. Drains are not being sprayed thoroughly which is causing bank slumpage.

The meeting closed at 2.24pm

CONFIRMED

K J Reid
Deputy Chairperson

05 August 2021

FOR INFORMATION NGĀ MŌHIOTANGA



TO	Eastern Plains Drainage District Committee
AUTHOR	EJ Wentzel Utilities Manager
FILE REFERENCE	Document: M2964241 Appendix A: Financials Appendix B: Rainfall & Pump statistics
PORTFOLIO HOLDER/S	Councillor Phillip Buckthought Land Drainage and Flood Protection Portfolio
MEETING DATE	Thursday, 5 August 2021
SUBJECT	Eastern Plains District Drainage Activity Report – April to June 2021

1 SUMMARY | TE WHAKARĀPOPOTANGA

Rainfall was low again in April, picked up a bit during May and June but was still less than average. Total rainfall for the 2020/21 year was 778mm, which is the lowest recorded on the records provided since 1993. As a consequence, few drainage issues have been reported.

Spraying was completed in May and the mechanical cleaning programme continued into June to be completed for the financial year.

2 RECOMMENDATION | TE WHAIKUPU

THAT the report be received.

3 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 Eastern 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 likely be extended to include toe drains which are partially managed 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 available below. These reports are an early Draft as the final approved reports for the end of the 2020/2021 year have not yet been approved.

The **Operations** report follows

Vegetation Control:

There was 2.0kms of drains sprayed during April and 40.91kms of drains sprayed during May. There were no drains sprayed in June. The total for this financial year is 323.99kms.

Mechanical Cleaning:

There have been 1090 metres of drains machine cleaned in during April, 200 metres of drains machine cleaned during May and 7.78km of drains machine cleaned during June. The total for the year is 22.0km, 100% of the proposed programme.

Other works:

Routine maintenance has been undertaken around the district. Inspections of floodgates, culverts and pump stations have also been undertaken and cleared as required. During April drains were inspected for eel distress and the Paul Leonard gate was cleaned. There was no screen cleaning during April and June and approximately 4 hours of screen cleaning during May.

Pump Operation (Appendix B)

Regular inspection runs were undertaken in this period. There were 23 pump hours for April, 20 pump hours in May and 473 pump hours for June. 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 April was 39mm, for May was 94mm and for June was 104mm, all below average.

The year to date total from July 1st 2020 is 778mm which is 70% of the average expected to the end of March and the lowest annual rainfall on record since 1993.

Bylaw Approvals

Bylaw approvals were granted in the period as follows:

Culverts: V Kooter, 99 Shellbank Road; James Drain
A Schouten, 78 Shellbank Road; Shellbank Road Drain
D Speedy, Bush Road; Johnstone Drain

Other: Nil

Subdivisions Commented On

Subdivisions commented on during the period as follows:

Nil

Approval

Prepared by	EJ Wentzel Utilities Manager
Approved by	Adrian de Laborde Service Delivery Manager

APPENDIX A: Financial

Eastern Plains Drainage District							
Financial Report for 12 months to 30 June 2021							
Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget	Note
DRAINAGE OPERATIONS							
Vegetation Control							
Area 1	71,000	71,000	11,198	59,802	16%	16%	
Area 2	0	0	10,795	(10,795)			
Area 3	0	0	12,432	(12,432)			
Area 4	0	0	10,582	(10,582)			
Area 5	0	0	11,668	(11,668)			
TOTAL	71,000	71,000	56,675	14,325	80%	80%	
Mechanical Cleaning							
Area 1	106,000	106,000	8,868	97,132	8%	8%	
Area 2	0	0	3,910	(3,910)			
Area 3	0	0	2,296	(2,296)			
Area 4	0	0	54,299	(54,299)			
Area 5	0	0	1,024	(1,024)			
TOTAL	106,000	106,000	70,397	35,603	66%	66%	
Maintenance/Fencing/Culverts							
Area 1	3,580	3,580	164	3,416	5%	5%	
Area 2	0	0	473	(473)			
Area 3	0	0	164	(164)			
Area 4	0	0	0	0			
Area 5	0	0	82	(82)			
TOTAL	3,580	3,580	883	2,697	25%	25%	
TOTAL DRAIN MAINTENANCE	180,580	180,580	127,954	52,626	71%	71%	
Pumps							
General	20,000	20,000	17,231	2,769	86%	86%	
EPDD Pumps	70,000	70,000	28,653	41,347	41%	41%	
TOTAL	90,000	90,000	45,885	44,115	51%	51%	
Floodgates							
Floodgates	2,500	2,500	1,844	656	74%	74%	
TOTAL	2,500	2,500	1,844	656	74%	74%	
Stopbanks							
Tributary Banks				0			
TOTAL	0	0	0	0			

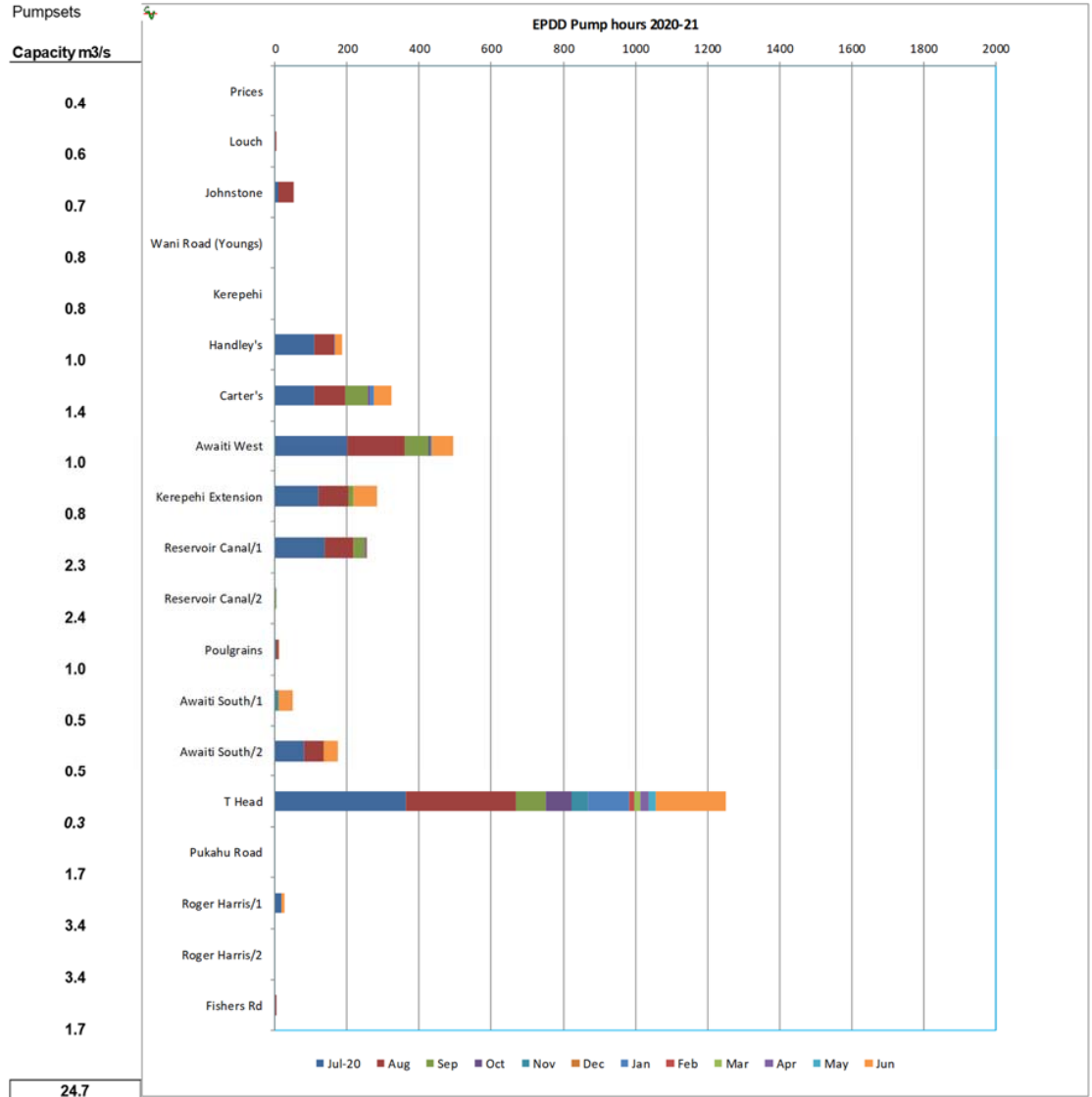
Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
Other						
Weather Events	2,211	2,211	0	2,211	0%	0%
Asset Liaison	3,682	3,682	8,603	(4,921)	234%	234%
Consent Monitoring	0	0	0	0		
Data Collection	0	0	4,135	(4,135)		
Data Maintenance	3,158	3,158	3,098	60	98%	98%
Routine Inspection	0	0	164	(164)		
Drain Inspection	4,737	4,737	7,719	(2,982)	163%	163%
Pump Operation	0	0	0	0		
Rates	0	0	0	0		
Meeting Expenses	2,842	2,842	1,189	1,653	42%	42%
Insurance	526	526	1,523	(997)	290%	290%
TOTAL	17,156	17,156	26,430	(9,274)	154%	154%
TOTAL OPERATING	290,236	290,236	202,113	88,123	70%	70%
Overheads						
Overheads	75,689	75,689	75,689	(0)	100%	100%
TOTAL	75,689	75,689	75,689	(0)	100%	100%
Depreciation						
Depreciation	31,584	31,584	0	31,584	0%	0%
TOTAL	31,584	31,584	0	31,584	0%	0%
Interest						
Interest	(5,706)	(5,706)	(5,706)	0	100%	100%
TOTAL	(5,706)	(5,706)	(5,706)	0	100%	100%
TOTAL EXPENDITURE	391,803	391,803	272,096	119,707	69%	69%
Rates Funding - EPDD	(343,693)	(343,693)	(343,693)	0	100%	100%
9Opening Balance as at 01/07/2020	(282,793)					

APPENDIX B

Eastern Plains Drainage District – Pump Running Hours 2020-2021

Plains DD	Jul-20	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	Average
Prices	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Louch	0	2	0	0	0	0	0	0	0	0	0	0	2	88
Johnstone	10	43	0	0	0	0	0	0	0	0	0	0	53	318
Wani Road (Young)	0	0	0	0	0	0	0	0	0	0	0	0	0	279
Kerepehi	0	0	0	0	0	0	0	0	0	0	0	0	0	306
Handley's	110	53	0	3	0	0	0	0	0	0	0	19	185	520
Carter's	109	86	62	5	0	0	13	0	0	0	0	49	324	601
Awaiti West	201	160	64	7	3	0	0	0	0	0	0	59	494	657
Kerepehi Extension	119	84	15	0	0	0	0	0	0	0	0	65	283	757
Reservoir Canal/1	137	80	31	3	1	0	0	3	0	0	0	0	255	419
Reservoir Canal/2	0	0	1	0	0	0	0	0	0	0	0	0	1	28
Poulgrains	3	7	0	0	0	0	0	0	0	0	0	2	12	154
Awaiti South/1	0	0	0	0	8	0	1	0	0	0	0	40	49	204
Awaiti South/2	80	54	0	2	0	0	0	0	0	0	0	38	174	220
T Head	363	306	81	73	46	0	113	14	17	23	20	194	1250	2370
Pukahu Road	0	0	0	0	0	0	0	0	0	0	0	0	0	207
Roger Harris/1	18	0	0	0	0	0	0	0	0	0	0	7	25	81
Roger Harris/2	0	0	0	0	0	0	0	0	0	0	0	0	0	96
Fishers Rd	1	1	0	0	0	0	0	0	0	0	0	0	2	41
	1151	876	254	93	58	0	127	17	17	23	20	473	3109	7393

Stations Pumpsets 42%



Eastern Plains Drainage District – Annual Pump Running Hours

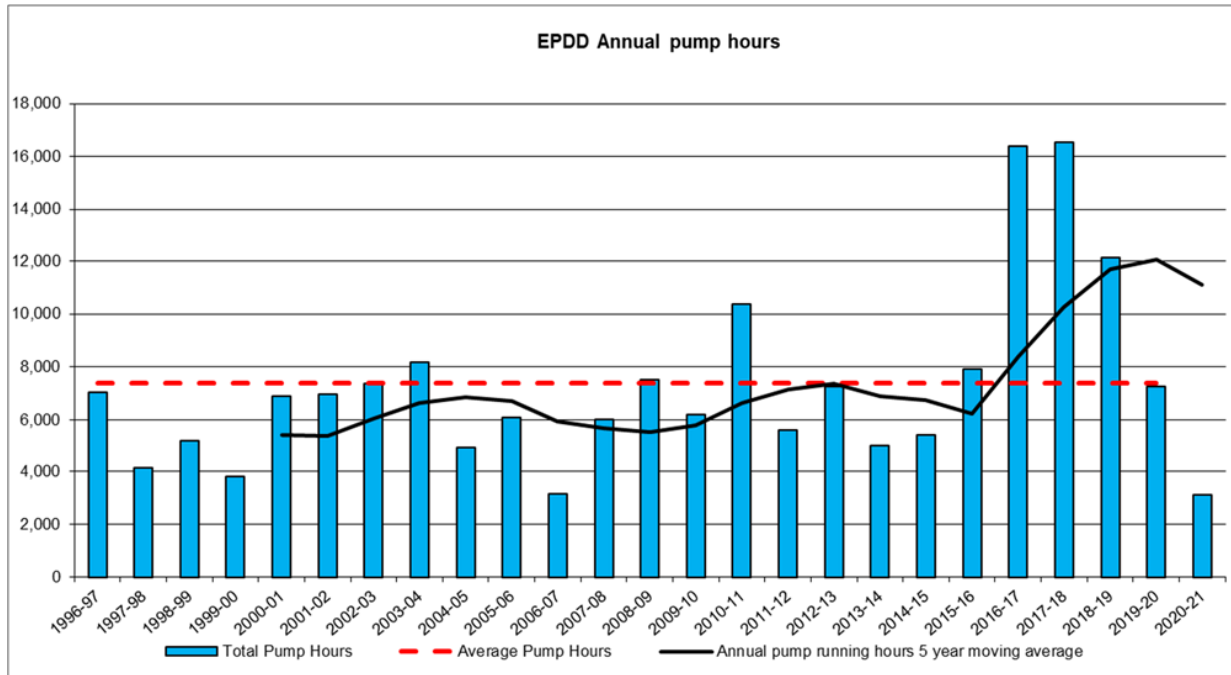


Figure 2

Annual Pump Running Hours – All Districts

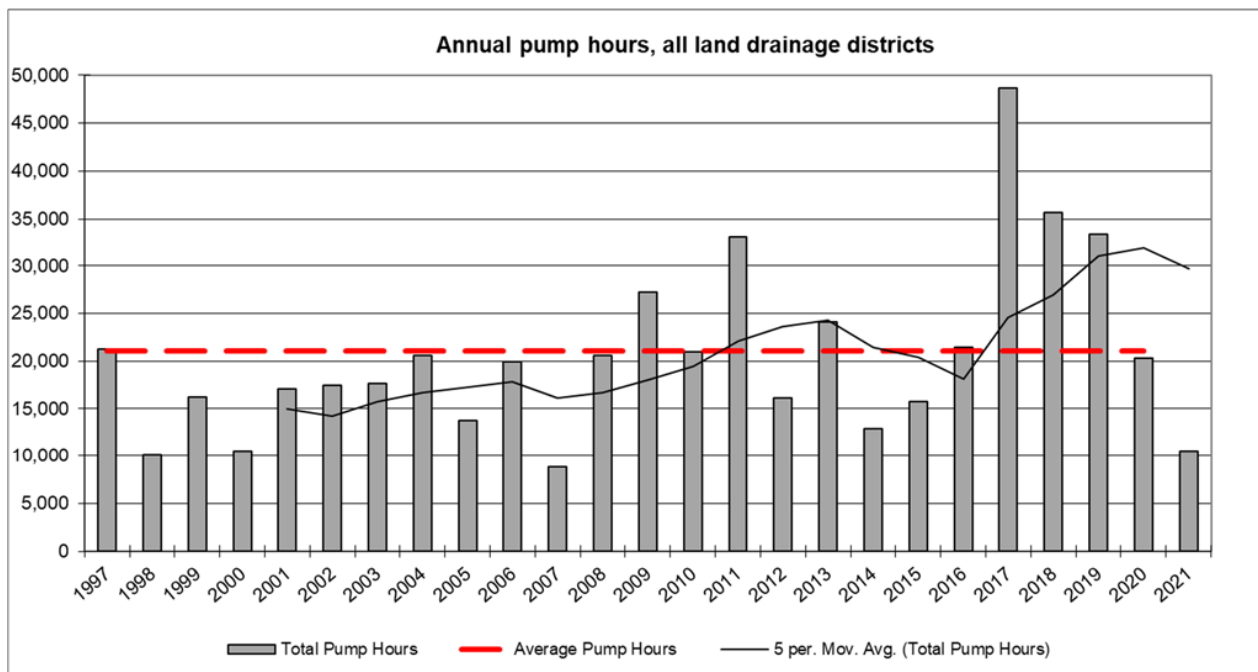


Figure 3

Rainfall

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							367	
Ave.	56	67	81	98	97	128	135	113	100	80	72	85	1090	
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

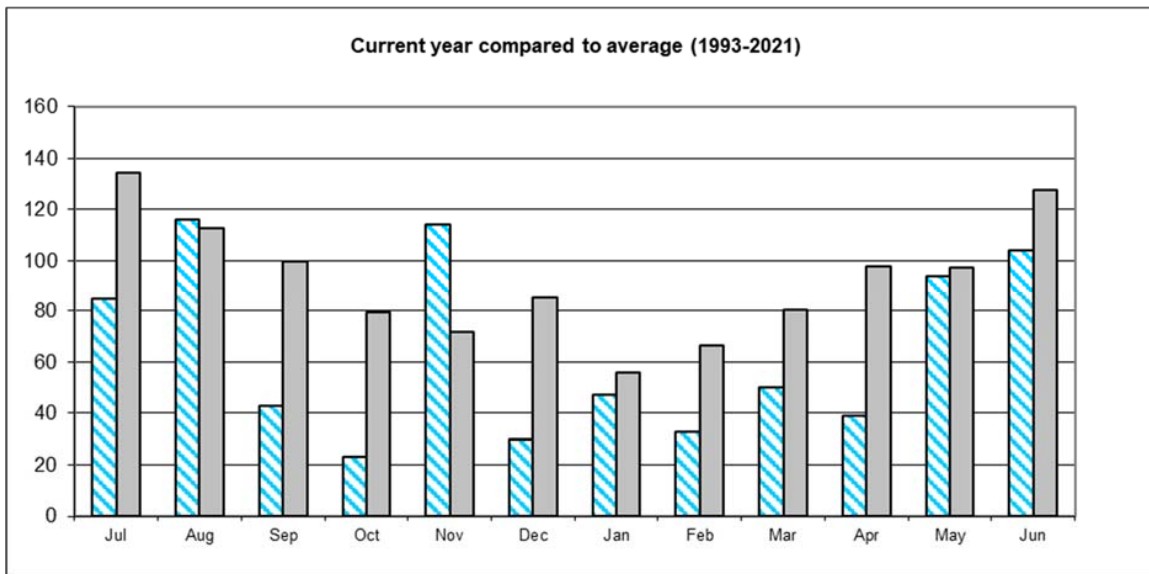


Figure 5

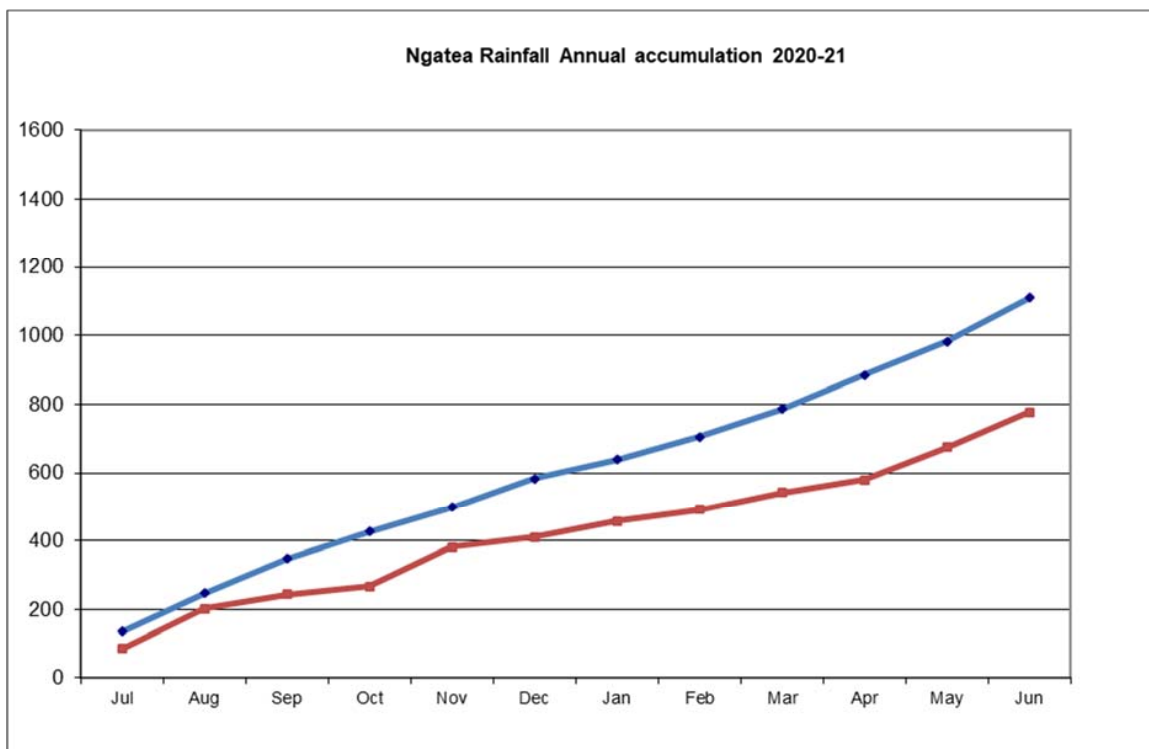


Figure 6