

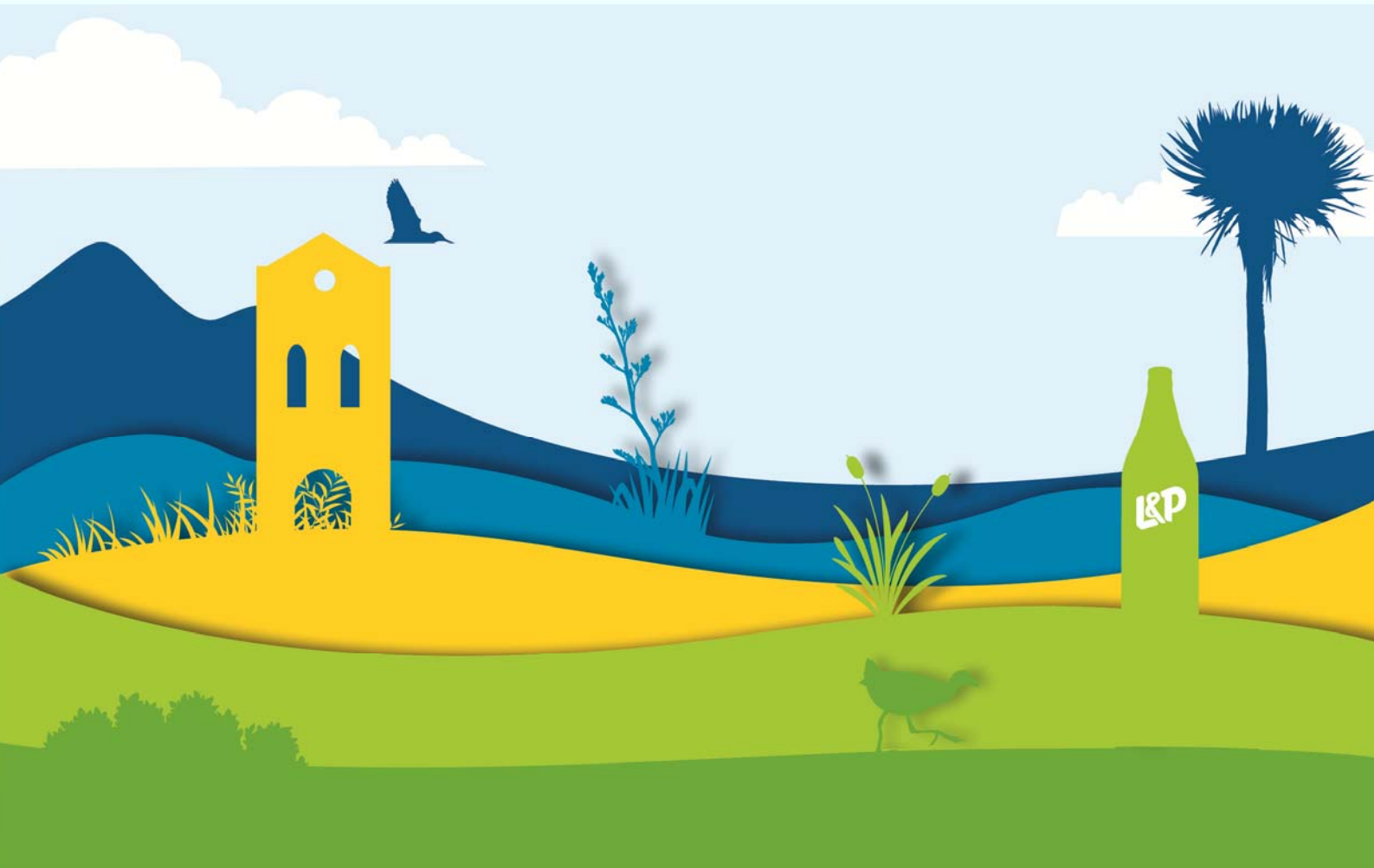


A G E N D A

EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE

Thursday, 04 March 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 Representative:

Councillor P Buckthought

Councillor Representative 2887216 (alternate):

Councillor R Garrett

HDC Staff:

S De Laborde
B Stephens
A de Laborde
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
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, 04 March 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
03-12-20 - 2868186 **5**
4. Waikato Regional Council Update on Activities
5. Eastern Plains Drainage Activity Report – November to January 2021 -
2905132 **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, 03 DECEMBER 2020 COMMENCING AT 1.00PM

PRESENT R Hunter (Chairperson), K J Reid, K R Caddy, T Nicholson, D Coldicutt, P Schouten, R Webster and Cr P Buckthought

IN ATTENDANCE S Clark (WRC - Works Supervisor, Paeroa Team – Integrated Catchment Management), A Munro (Manager - Integrated Catchment Management), A de Laborde (Group Manager – Engineering Services), S de Laborde (Infrastructure Systems & Planning Manager), B Stephens (Drainage Overseer) and C Black (Council Secretary)

APOLOGIES

RESOLVED

THAT the apology of A Green be received and sustained.

EPDD20/21

Reid/Nicholson

CARRIED

LATE ITEMS

There were no late items.

CONFIRMATION: EASTERN PLAINS DRAINAGE DISTRICT COMMITTEE MINUTES – 01-10-20 - 2866701

RESOLVED

THAT the minutes of the meeting of the Eastern Plains Drainage District Committee held on Thursday, 1st October 2020 are received and confirmed as a true and correct record.

EPDD20/22

Caddy/Webster

CARRIED

MATTERS ARISING FROM THE MINUTES

There were no matters raised.

WRC Update Report – Steve Clark

Operational:

- Over the month Mill Creek and Torrs have had structural audits.
- Slaughter house floodgate audit will be carried out next week – coffer dams are in today.
- Spraying of toe drains has commenced.
- Sign off extension to the Roger Harris pump has been approved to allow digger to undertake work required.
- Pipe has been ordered for Wani Road pump outlet – to be completed in New Year.
- Inspections of stopbanks has commenced.
- Wani Road pump has been refurbished and motor has now been replaced.
- Louch Macduff pump will be completed after xmas.

WRC Update Report - Adam MunroStrategic:

Adam spoke on the drought impact from last season's severe dry spell and advised that WRC are reviewing what is the operational focus for this season as well as looking at long-term solutions for these events.

Of note, he spoke on the severity of watercourses that had dried up particularly in the lower Piako resulting in a large number of stranded tuna (eels) that needed rescuing and an outbreak of botulism at some "hot" spots.

WRC have established a drought response team made up of the key stakeholders of Fish and Game, Iwi, DoC, WRC and GNS scientists.

Rainfall is well below normal levels currently.

WRC are currently working on a response plan in preparedness for any future drought events.

Adam highlighted the importance that a drought declaration is notified early to allow landowners to take pro-active measures in support of their farming operation in advance.

Funding – 'in kind' funding support from agencies involved is available.

Summary of Shovel Ready Projects

Muggeridge's Project is still waiting for ministerial approval.

Scheme upgrades on the foreshore toe drains and the Piako River stopbanks (particularly in the reach from Ngataea to the mouth), will also be funded by the shovel ready programme.

Adam spoke on the Shovel Ready projects and advised of the link to the website listing all confirmed projects: [Shovel ready projects | Waikato Regional Council](#). The Council Secretary will email the link to all members.

Floodgates

Factory, Campbell's and O'Carroll's – the Chair asked about the plan for these floodgates. Steve de Laborde advised that the design of stopbanks has not been finalised yet. The land purchased from the McGaffin's is at the southern end close to Factory. Still work to be done. This is a shovel ready project – all projects must be completed within 5 years.

Cropping around drains as it relates to sedimentation. Adam advised he would update on this matter in future.

Adrian spoke of the regulations pertaining to crop planting near drains. The regulations are clearly available within the Land Drainage Bylaw document in the HDC website.

DRAINAGE REPORT – OCTOBER 2020 AND FINANCIAL REPORT FOR THE PERIOD 4 MONTHS TO 31 OCTOBER 2020 - 2866701

The Infrastructure Systems and Planning Manager presented the monthly drainage activity report for October 2020.

RESOLVED

THAT the report be received.

EPDD20/23

Webster/Nicholson

CARRIED

A discussion was held as regards to the use of Round Up as an approved herbicide.

GENERAL BUSINESS:MetConnect Service

Steve de Laborde advised that MetConnect is a service that Council uses. It is a commercial internet based subscription weather service that can be modified to suit your business needs.

Met Connect presents much of the information found on metservice.com in much more detail. In addition, a wide range of industry specific weather services is provided.

Steve de Laborde asked if the members wished to sign up for this service and inquired if the committee could access it via WRC.

Adam advised the members of the link to the Waikato Regional Council website that gives information on hazards. [Waikato Regional Hazards Portal](#) and [Flood room live | Waikato Regional Council](#).

Council Secretary will email links to all members.

GENERAL BUSINESS:MEMBERS' COMMENTS

Roger Hunter – observed that there is seepage at the Campbell's floodgate.

Keven Caddy – water levels in drains has dropped and weeds are taking over.

Damon Coldicutt – T-Head pump is still pumping.

The meeting closed at 2.15pm.

CONFIRMED

R Hunter
Chairperson

4 March 2021

FOR INFORMATION NGĀ MŌHIOTANGA



TO	Eastern Plains Drainage District Committee
AUTHOR	Steve de Laborde Infrastructure Systems and Planning Manager
FILE REFERENCE	Document: M2887216 Appendix A: Rainfall & Pump statistics Appendix B: Financials
PORTFOLIO HOLDER/S	Councillor Phillip Buckthought Land Drainage and Flood Protection Portfolio
MEETING DATE	Thursday, 4 March 2021
SUBJECT	Eastern Plains District Drainage Activity Report – November to January 2021

SUMMARY | TE WHAKARĀPOPOTANGA

As expected, very little rain has fallen over December & January and while that's a recipe for a great summer for those holidaying at the beach, it has left the drains and paddocks to dry up.

Staff have been monitoring the drains together with the other agencies in relation to the survival of the aquatic life, but for the most part the other agencies take the lead. Some eels have been relocated.

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 Eastern 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 likely be extended to include toe drains which are partially managed by the Regional Council.

3 CONTENT

Comments on expenditure: Financial year to date

Financial statements are available below.

The **Operations** report follows

Vegetation Control:

There were 83.14kms of drains sprayed from November to January. The total for this financial year is 84.29kms.

Mechanical Cleaning:

There have been no drains machine cleaned in during the period November to January.

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 January, drains were inspected for eel distress. There were approximately 30 hours of screen cleaning during November and there was approximately 6 man-hours of pump screen cleaning in January.

Pump Operation (Appendix A)

Regular inspection runs were undertaken in this period. There were 58 pump hours for November and 127 pump hours in January. No readings were carried out during December. 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 November was 114mm, for December was 30mm and January was 47mm.

The year to date total from July 1st 2020 is 458mm which is 71% of the average expected to the end of January.

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

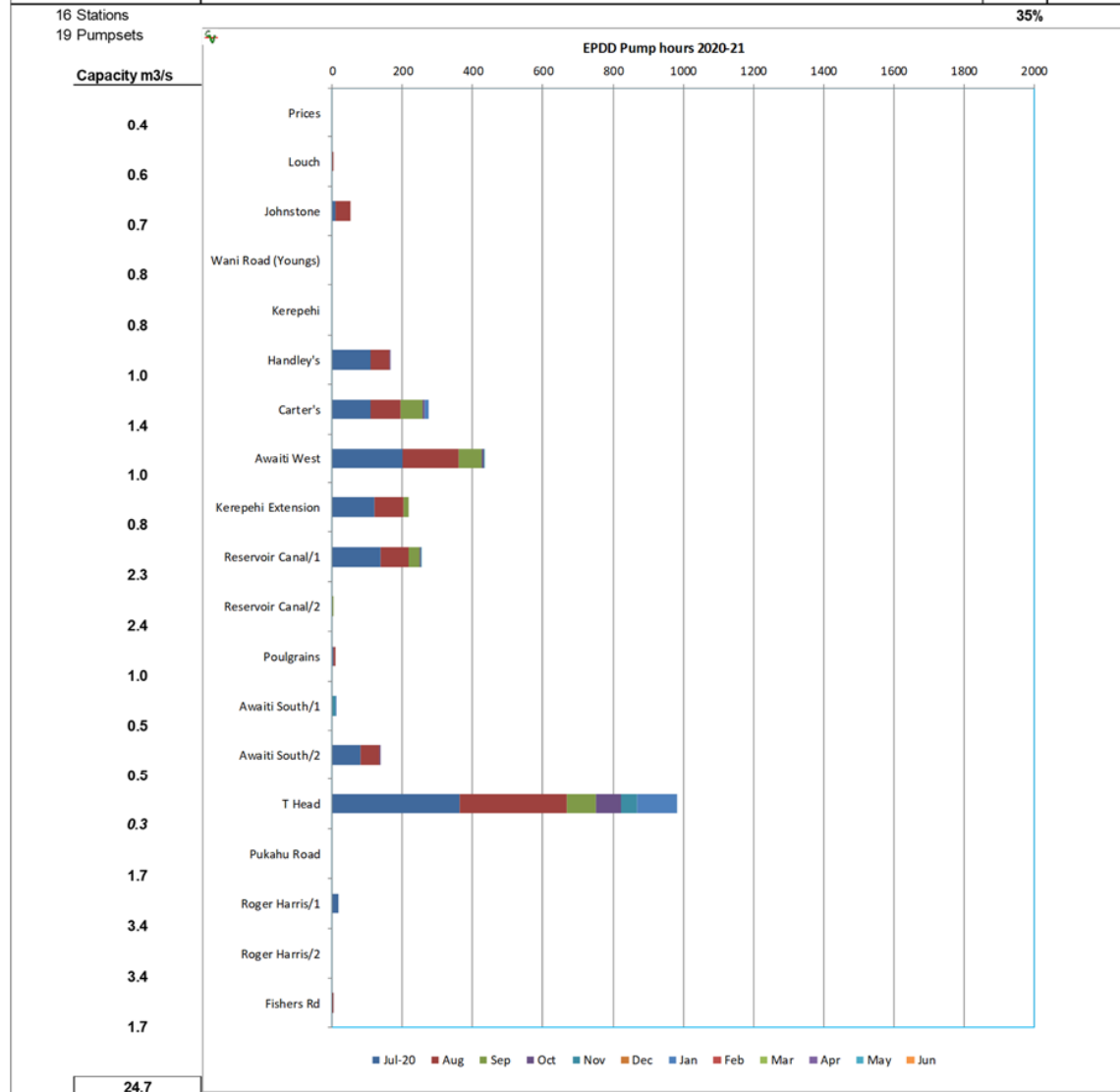
Approval

Prepared by	Steve de Laborde Infrastructure Systems and Planning Manager
Approved by	Adrian de Laborde Engineering Group Manager

APPENDIX A

Eastern Plains Drainage District – Pump Running Hours 2020-2021

Eastern Plains DD		Jul-20	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	Average
No 1	Prices	0	0	0	0	0	0	0	0	0	0	0	0	0	47
No 2	Louch	0	2	0	0	0	0	0	0	0	0	0	0	2	88
No 3	Johnstone	10	43	0	0	0	0	0	0	0	0	0	0	53	318
No 4	Wani Road (Young)	0	0	0	0	0	0	0	0	0	0	0	0	0	279
No 10	Kerepehi	0	0	0	0	0	0	0	0	0	0	0	0	0	306
No 13	Handley's	110	53	0	3	0	0	0	0	0	0	0	0	166	520
No 14	Carter's	109	86	62	5	0	0	13	0	0	0	0	0	275	601
No 15	Awaiti West	201	160	64	7	3	0	0	0	0	0	0	0	435	657
No 16	Kerepehi Extension	119	84	15	0	0	0	0	0	0	0	0	0	218	757
No 19	Reservoir Canal/1	137	80	31	3	1	0	0	0	0	0	0	0	252	419
	Reservoir Canal/2	0	0	1	0	0	0	0	0	0	0	0	0	1	28
No 20	Poulgrains	3	7	0	0	0	0	0	0	0	0	0	0	10	154
No 28	Awaiti South/1	0	0	0	0	8	0	1	0	0	0	0	0	9	204
	Awaiti South/2	80	54	0	2	0	0	0	0	0	0	0	0	136	220
No 32	T Head	363	306	81	73	46	0	113	0	0	0	0	0	982	2370
No 53	Pukahu Road	0	0	0	0	0	0	0	0	0	0	0	0	0	207
No 55	Roger Harris/1	18	0	0	0	0	0	0	0	0	0	0	0	18	81
	Roger Harris/2	0	0	0	0	0	0	0	0	0	0	0	0	0	96
No 61	Fishers Rd	1	1	0	0	0	0	0	0	0	0	0	0	2	41
		1151	876	254	93	58	0	127	0	0	0	0	0	2559	7393



Eastern Plains Drainage District – Annual Pump Running Hours

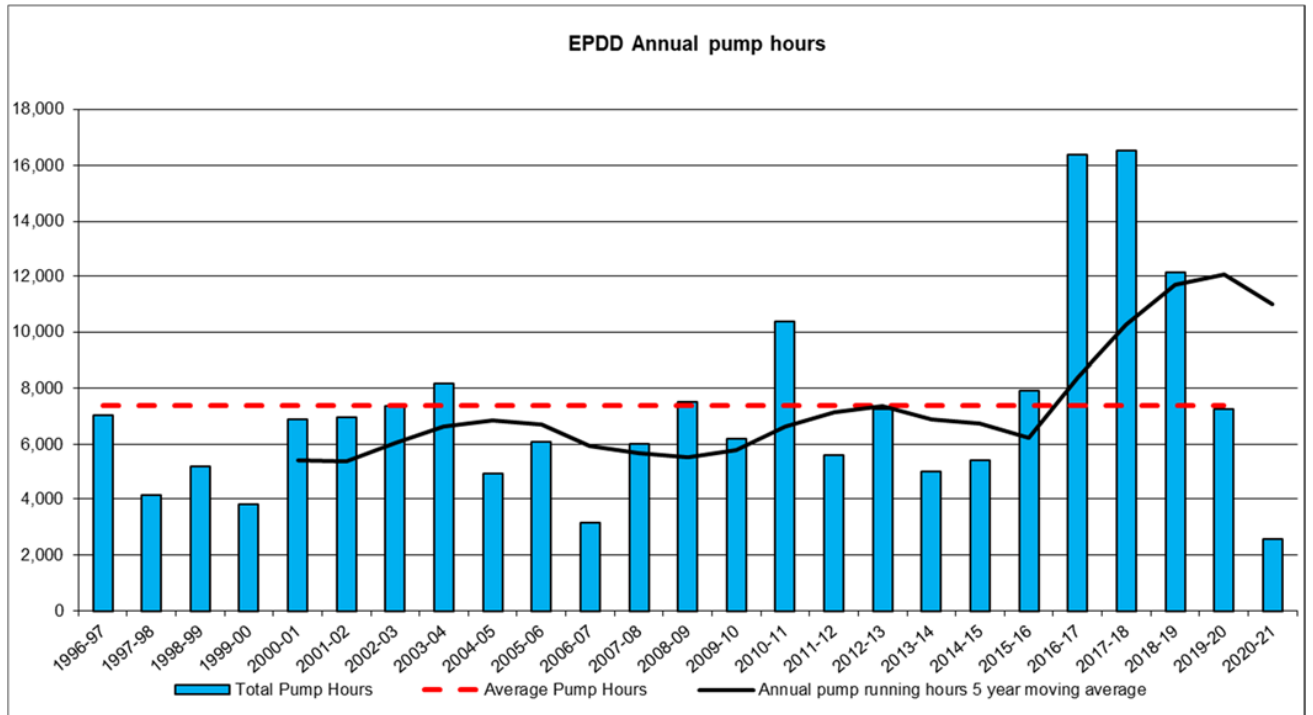


Figure 2

Annual Pump Running Hours – All Districts

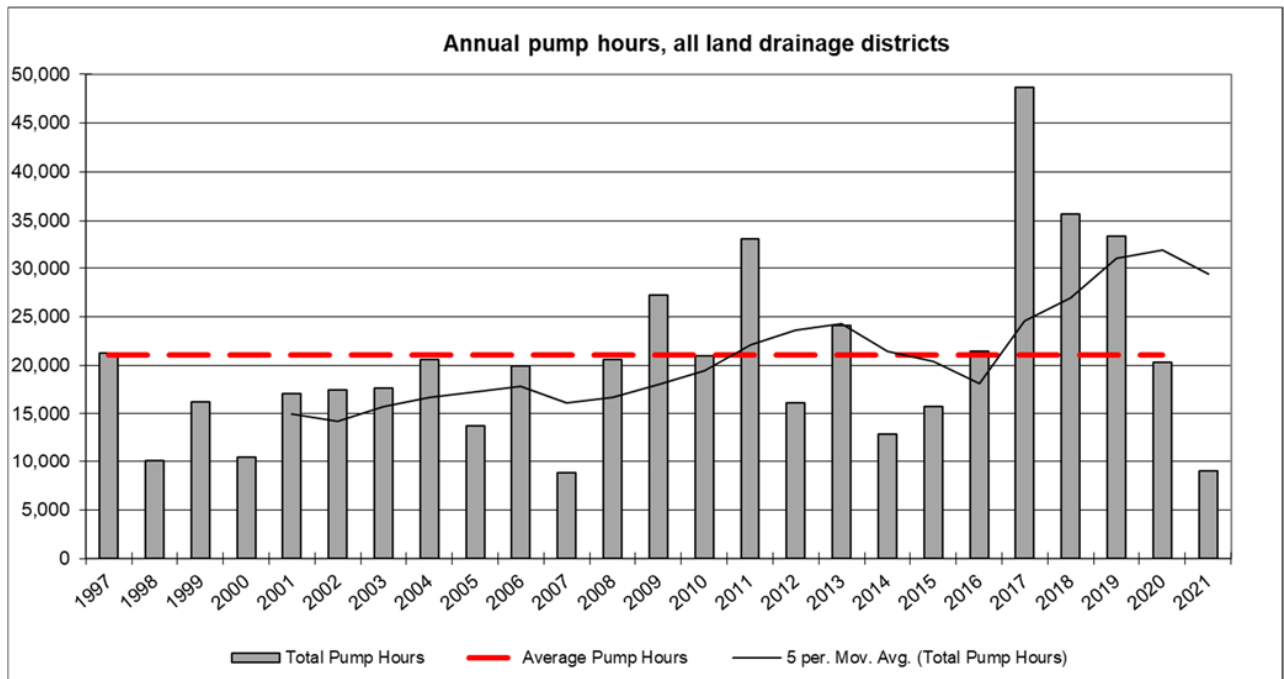


Figure 3

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												47
Ave.	56	68	82	100	98	129	135	113	100	80	72	85	1079
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

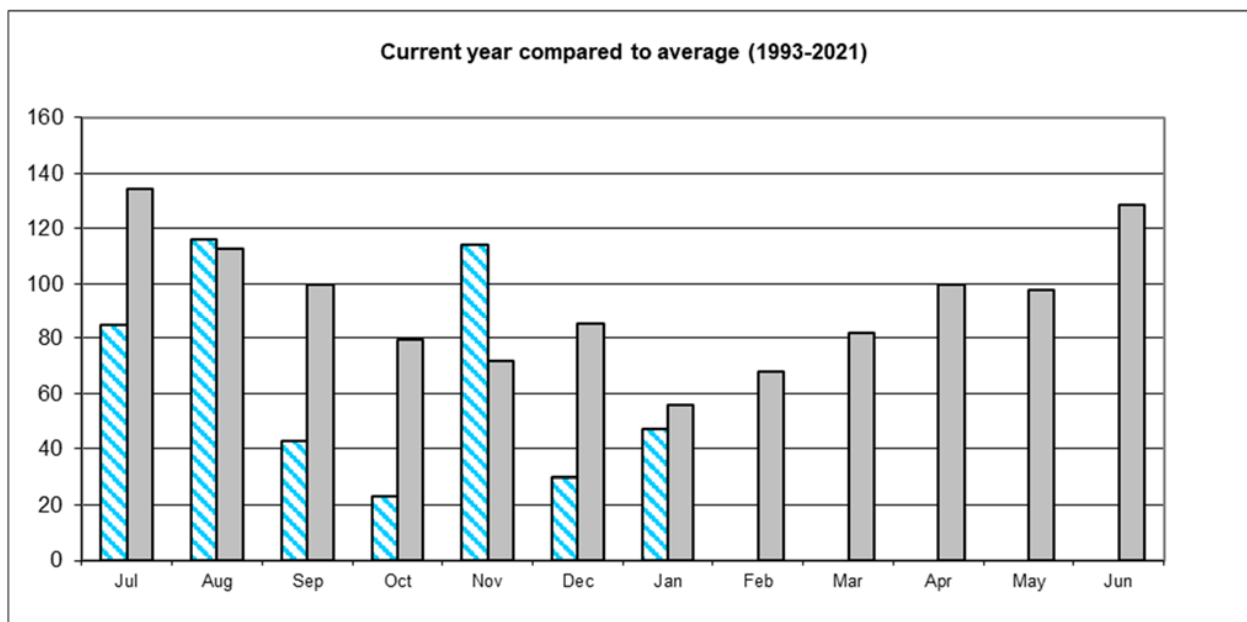


Figure 5

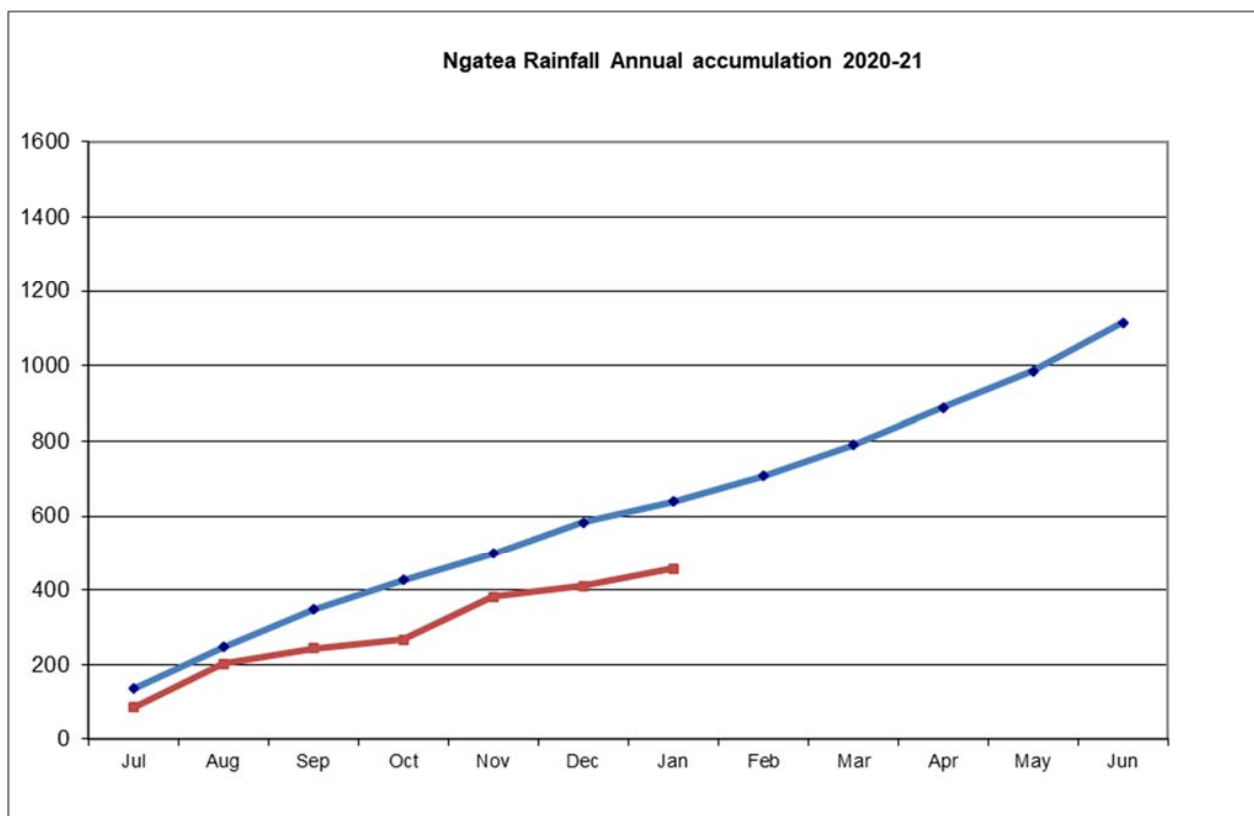


Figure 6

APPENDIX B: Financials

Eastern Plains Drainage District							
Financial Report for 7 months to 31 January 2021							
Item	Total Budget	Budget YTD	Actual YTD	Variance	of YTD Budget	of Total Budget	Note
DRAINAGE OPERATIONS							
Vegetation Control							
Area 1	71,000	11,910	164	11,746	1%	0%	
Area 2	0	0	5,164	(5,164)			
Area 3	0	0	6,500	(6,500)			
Area 4	0	0	0	0			
Area 5	0	0	82	(82)			
TOTAL	71,000	11,910	11,910	0	100%	17%	
Mechanical Cleaning							
Area 1	106,000	32,407	8,868	23,539	27%	8%	
Area 2	0	0	1,194	(1,194)			
Area 3	0	0	2,296	(2,296)			
Area 4	0	0	20,049	(20,049)			
Area 5	0	0	0	0			
TOTAL	106,000	32,407	32,407	0	100%	31%	
Maintenance/Fencing/Culverts							
Area 1	3,580	0	0	0		0%	
Area 2	0	0	0	0			
Area 3	0	0	0	0			
Area 4	0	0	0	0			
Area 5	0	0	0	0			
TOTAL	3,580	0	0	0		0%	
TOTAL DRAIN MAINTENANCE	180,580	44,317	44,317	0	100%	25%	
Pumps							
General	20,000	12,078	12,078	0	100%	60%	
EPDD Pumps	70,000	21,558	21,558	0	100%	31%	
TOTAL	90,000	33,636	33,636	0	100%	37%	
Floodgates							
Floodgates	2,500	1,637	1,637	0	100%	65%	
TOTAL	2,500	1,637	1,637	0	100%	65%	
Stopbanks							
Tributary Banks	0	0	164	(164)			
TOTAL	0	0	164	(164)			

Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
Other						
Weather Events	2,211	0	0	0		0%
Asset Liaison	3,682	3,773	3,773	0	100%	102%
Consent Monitoring	0	2,782	2,782	0	100%	
Data Collection	0	38	38	0	100%	
Data Maintenance	3,158	0	0	0		0%
Routine Inspection	0	0	0	0		
Drain Inspection	4,737	5,478	5,478	0	100%	116%
Pump Operation	0	0	0	0		
Rates	0	0	0	0		
Meeting Expenses	316	697	697	0	100%	221%
Insurance	526	0	0	0		0%
TOTAL	14,630	12,768	12,768	0	100%	87%
TOTAL OPERATING	287,710	92,358	92,522	(164)	100%	32%
Overheads						
Overheads	75,689	44,152	0	44,152	0%	0%
TOTAL	75,689	44,152	0	44,152	0%	0%
Depreciation						
Depreciation	31,584	18,424	0	18,424	0%	0%
TOTAL	31,584	18,424	0	18,424	0%	0%
Interest						
Interest	(5,706)	(3,329)	(3,329)	0	100%	58%
TOTAL	(5,706)	(3,329)	(3,329)	0	100%	58%
TOTAL EXPENDITURE	389,277	151,605	89,193	62,412	59%	23%
Rates Funding - EPDD	(343,693)	(200,488)	(200,488)	0	100%	58%
Opening Balance as at 01/07/2020	(282,793)					