

A G E N D A

WESTERN PLAINS DRAINAGE DISTRICT COMMITTEE

Thursday, 02 August 2018, 10.30am
at the Council Chambers, Ngatea Service Centre
Orchard Road West, Ngatea



Membership

Committee Members:

His Worship the Mayor
B A Carter
P A Leonard
H van Eyk
G Laurich
B A Keane
P Paterson
B Pirie
P Johnstone
R D Young

Council Rep:

D H Swales

Councillors (alternates):

J H Thorp
P Buckthought

Staff:

S de Laborde
B Stephens
A de Laborde
Council Secretary

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	<p>The last Thursday in the month commencing at 10.30am</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 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

Date: Thursday, 02 August 2018 – 10.30am

Venue: Ngatea Service Centre, 84 Orchard Road West, Ngatea

Order of Business

Pages

- | | |
|--|---|
| 1. Apologies | |
| 2. Declarations of late items. | |
| 3. Confirmation of Minutes – 05-07-18 (2410679) | 5 |
| 4. Drainage Activity Report for June 2018 and
Financial Report for the period 12 months to 30 June 2018 (2413656) | 9 |
| 5. 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, NGATEA ON THURSDAY, 05 JULY 2018 COMMENCING AT 10.30 AM

PRESENT Messrs B A Carter (Chairperson), B Keane, G Laurich, H van Eyk, P Johnstone
R D Young, Cr D H Swales (Council Representative)

IN ATTENDANCE Cr P Buckthought (alternative Councillor Representative – 10.42am-1.00pm),
Cr G Leonard, Mr K Growden (WRC Team Leader | Hauraki/Coromandel, Integrated Catchment Management), 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 B Pirie and P Leonard be received and sustained.

WPDD18/16

Swales/Johnstone

CARRIED

LATE ITEMS

There were no late items.

CONFIRMATION OF MINUTES

MINUTES OF THE MEETING OF WESTERN PLAINS DISTRICT DRAINAGE COMMITTEE HELD ON THURSDAY, 27 April 2018 (2384734)

RESOLVED

THAT the minutes of the meeting of the Western Plains Drainage District Committee held on Thursday, 27 April 2018 be taken as read and confirmed.

WPDD18/17

Swales/Keane

CARRIED

MATTERS ARISING FROM THE MINUTES

Speedy Farms- Orchard East Road, Ngatea - Flood Water not draining through Culvert under SH2

The Manager Infrastructure Systems and Planning Manager was asked if he had communicated with the HDC Transport Manager requesting that he communicate with NZTA on the feasibility of NZTA repairing the culvert under SH2 draining Mike Speedy's property. Also inquired if the Drainage Overseer had investigated costs and options to address the issues with the current culvert which is not at a level to drain Mike Speedy's lower land.

Staff advised that the requested action has not yet been undertaken but would be followed before the next meeting and reported on.

Cr Buckthought attended the meeting at 10.42am.

WRC Representative Adam Munro - Current Works Programme

Kenny Growden responded to a query raised with Adam Munro by Gavin Laurich at the previous meeting regarding his concern that the Waitakaruru stream is blocked with silt and asked what WRC can do about this.

Kenny stated that WRC's environmental team have started investigating to find options to address the silting issue of the Waitakaruru Stream.

Private Drain – Laurich Farm – Ken Jones Property

Gavin Laurich asked if a letter had been sent to Mr Ken Jones (neighbour of his father's property) requesting that the drain running through his property become a board drain. Mr Laurich Snr does not want the drain to terminate at his property.

Steve de Laborde advised he had not yet corresponded with Mr Jones but will endeavour to do so before the next meeting. He advised that the Land Drainage Bylaw controls this activity. To change the status of a private drain to board drain will require a report to Council to officially change the ownership of the drain. This drain has a small diameter pipe, so debris will get lodged in it easily causing blockages with the result of ponding.

Steve de Laborde stated he will investigate options to remediate the issue with the pipe.

It was requested that staff prepare a report recommending to Council that the Committee take over responsibility for the private drain on the Laurich property.

Mangawhero Road Flume

Staff advised that Group Manager – Engineering Services (Adrian de Laborde) has visited the site and has completed structural investigation into the flume.

DISTRICT DRAINAGE REPORT FOR THE MONTH OF MAY 2018 AND FINANCIAL REPORT (FOR THE 11 MONTHS TO 31 MAY 2018 (2392612)

The Infrastructure Systems & Planning Manager presented the Western Plains District Drainage Report for May 2018.

RESOLVED

THAT the Drainage Report for the month of May 2018 and the financial report on the operations of the Western Plains District Drainage Area for the 11 months to 31 May 2018 be received.

WPDD18/18

Laurich/Young

CARRIED

CAPITAL WORKSStopbanks

Most work is getting more difficult to carry out as the winter conditions set in. No major earthworks projects will be done this year until ground conditions improve after winter.

Some work will, however, be done on the Karito Canal. The lower portion of the canal will be dug out and the material stock piled for later raising and shaping of the stop bank.

Future Works

In the immediate future, field staff will continue with drain maintenance as long as the budgets, weather and paddock conditions allow. More drain condition assessments are being planned for in the longer term, to ensure the maintenance regime is effective and optimal. Staff changes have been put in place which will provide more resources, and more time, to be devoted to Land Drainage & Flood Protection that will allow better monitoring of the systems which in turn informs the annual maintenance program. These changes will take place after the 1st July.

Bylaw Approvals

Bylaw approvals were granted in the period as follows:
Culverts: Schouten – Opposite 293 Pipiroa Road
Other: Nil

Subdivisions

There were no subdivisions commented on during the period.

Rainfall

The Ngatea monthly rainfall total for May was 106mm.

The year to date total from July 1st is 1127mm which is 129% of the average expected to the end of May.

GENERAL

Drainage Bylaw Review

Members were reminded that they can provide feedback on the review of the bylaw – copy of which was distributed to the Committee in March.

Members commented on the spray register with regard to 'organic' farmers.

The Drainage Overseer explained the process regarding spraying in relation to certified organic farming operations. Better agreement needs to be reached with property owners and Council staff. People need to be aware of the consequences of going onto the no-spray register.

The Committee agreed that the process of notification to Council by certified organic farmers where they do not want spraying of drains needs more clarification. These farmers need to be better advised what the process is and what their responsibilities are as regards to costs involved etc.

The Drainage Overseer advised that currently the HDC spray programme is publically notified in the local newspaper and on its website.

The Drainage Overseer explained the drain machine cleaning process in comparison to spraying of drains.

Financial Report

Ross Young suggested Drainage operational financial report be presented in 'graph' form to make it more relevant and better to understand as opposed to tables with figures provided currently.

GENERAL BUSINESS

MEMBERS' COMMENTS

Brian Carter on behalf of Brian Pirie advised that Landcorp works are currently underway. Brian Pirie has asked what Landcorp are doing with their internal drain. The Drainage Overseer advised that it is Landcorp's own internal drain which would not impede Council's system.

WRC Works Programme

Kenny Growden updated on the current work programme and status of maintenance works to date.

Significant works:

- Upgrade of Stitchbury pump station
- Sheet piling on the Piako below Ngatea
- Maukoro Canal to be cleaned in February / March 2019

The Chairman thanked Kenny Growden for attending the meeting and providing an update on WRC programmed works and responding to the drainage member's questions.

The meeting closed at 1.00pm.

CONFIRMED

B A Carter
Chairperson

2 August 2018



Information Report

To: Western Plains Drainage District Committee
From: Infrastructure Systems and Planning Manager
Date: Thursday, 26 July 2018
File reference: Document 2405375
Meeting date: Thursday, 2 August 2018
Subject: **WPDD Drainage Manager Report June 2018**

Recommendation:

THAT the report be received.

This report covers the period to the end of June 2018.

1. OPERATIONS

1.1. Chemical spraying

No drains have been sprayed in June due to rainfall, the spraying programme has now been halted for the winter season. 290.7km were sprayed throughout the last financial year.

1.2. Machine cleaning

44.6 km of drains were machine cleaned in the last financial year.

1.3. Maintenance/Fencing/Culverts

Routine maintenance items were undertaken and a culvert was cleared on Rawerawe East Road.

1.4. Pump operation

Regular inspection runs were undertaken in this period. Pump hours in June were 4658.

The summary for the year to date is attached.

Approximately 110 man-hours were spent on weed screen cleaning in June.

1.5. Floodgates

Floodgate inspections were completed. Pouarua, Rawerawe East, Pauls Wharf and Ngatea Town floodgates were all cleared.

1.6. Stopbanks

No maintenance was undertaken.

2. CAPITAL WORKS:

Capital works have halted now until the construction season starts again. In the coming months, July-September, preparations and programming will be made for the annual works program.

3. BYLAW APPROVALS

Bylaw approvals were granted in the period as follows:

3.1. Culverts: Nil

3.2. Other: Nil

4. SUBDIVISIONS COMMENTED ON

Subdivisions commented on during the period as follows:

Nil

5. RAINFALL

The table and graphs of the Ngatea Monthly Rainfall depths since 1993 is attached. The rainfall total for June was 175 mm.

The year to date total from July 1st is 1302mm which is 118% of the average expected to the end of June.

6. GENERAL

6.1. Drainage Bylaw Review

Members are invited to provide feedback on the bylaw.

Steve de Laborde
Infrastructure Systems and Planning Manager

WESTERN PLAINS DRAINAGE DISTRICT – PUMP RUNNING HOURS 2017-18

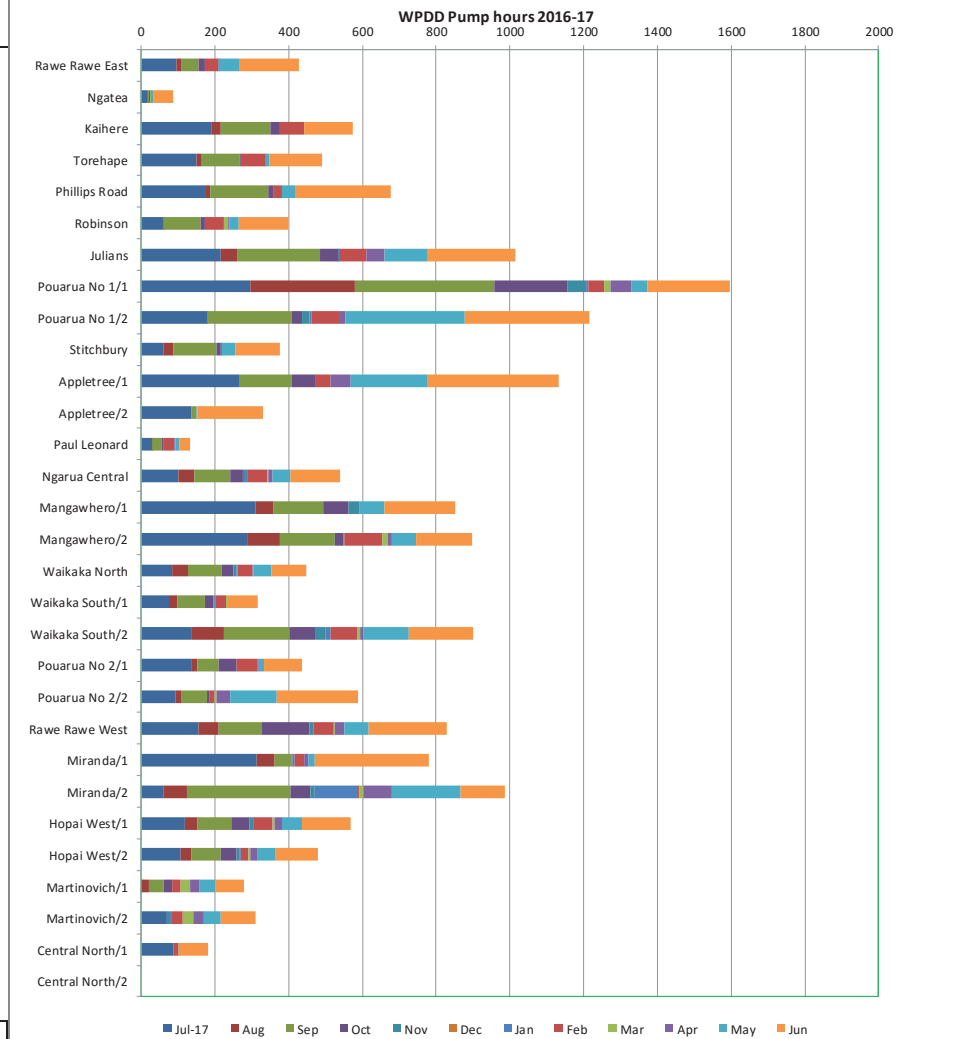
PUMP HOURS RUN		Jul-17	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	Average
No 5	Rawe Rawe East	95	15	45	18	0	0	0	37	0	1	57	160	428	308
No 6	Ngatea	17	0	4	3	0	0	0	0	3	1	5	54	87	93
No 7	Kaihere	190	25	136	26	0	0	0	64	0	0	0	134	575	594
No 8	Torehape	149	16	101	3	0	0	0	66	0	1	11	144	491	370
No 9	Phillips Road	176	12	156	14	2	0	0	20	0	1	39	258	678	459
No 11	Robinson	60	2	98	12	0	0	0	51	13	2	27	135	400	175
No 12	Julians	217	46	223	48	1	0	1	75	0	49	118	238	1016	292
No 17	Pouarua No 1/1	296	284	377	199	52	0	5	43	18	55	44	223	1596	773
	Pouarua No 1/2	178	1	230	28	20	0	6	73	2	17	322	338	1215	654
No 18	Stitchbury	60	27	116	13	1	0	0	0	0	2	36	121	376	191
No 21	Appletree/1	266	0	142	65	0	0	1	39	0	55	210	355	1133	480
	Appletree/2	135	0	15	0	0	0	0	0	0	0	2	178	330	383
No 22	Paul Leonard	29	1	25	6	0	0	0	30	0	2	11	30	134	129
No 23	Ngarua Central	102	41	98	34	8	0	5	54	2	11	50	134	539	332
No 24	Mangawhero/1	311	49	135	67	28	0	0	0	0	0	71	190	851	571
	Mangawhero/2	286	90	148	25	0	0	2	103	14	12	67	150	897	647
No 25	Waikaka North	84	42	92	32	10	0	2	41	0	2	49	94	448	299
No 26	Waikaka South/1	75	23	74	25	2	0	2	30	1	0	0	85	317	504
	Waikaka South/2	137	86	178	72	27	0	13	71	10	9	124	174	901	532
No 27	Pouarua No 2/1	136	16	57	50	0	0	0	56	0	3	14	105	437	296
	Pouarua No 2/2	92	18	69	6	0	0	0	14	5	37	128	218	587	348
No 29	Rawe Rawe West	156	55	116	130	11	0	0	55	3	24	68	212	830	537
No 70	Miranda/1	313	50	44	4	0	0	5	27	0	10	19	309	781	506
	Miranda/2	62	61	281	55	13	0	115	5	10	77	186	121	986	499
No 73	Hopai West/1	118	34	92	48	12	0	1	50	8	20	54	132	569	408
	Hopai West/2	106	30	81	41	10	0	1	20	8	18	50	115	480	309
No 74	Martinovich/1	2	18	42	23	0	0	0	21	26	27	42	77	278	178
	Martinovich/2	71	0	0	0	8	0	1	34	28	29	45	94	310	177
No 75	Central North/1	86	0	0	0	0	0	0	15	0	0	1	80	182	129
	Central North/2	0	0	0	0	0	0	0	0	0	0	0	0	0	56
		4005	1042	3175	1047	205	0	160	1094	151	465	1850	4658	17852	11229

21 Stations

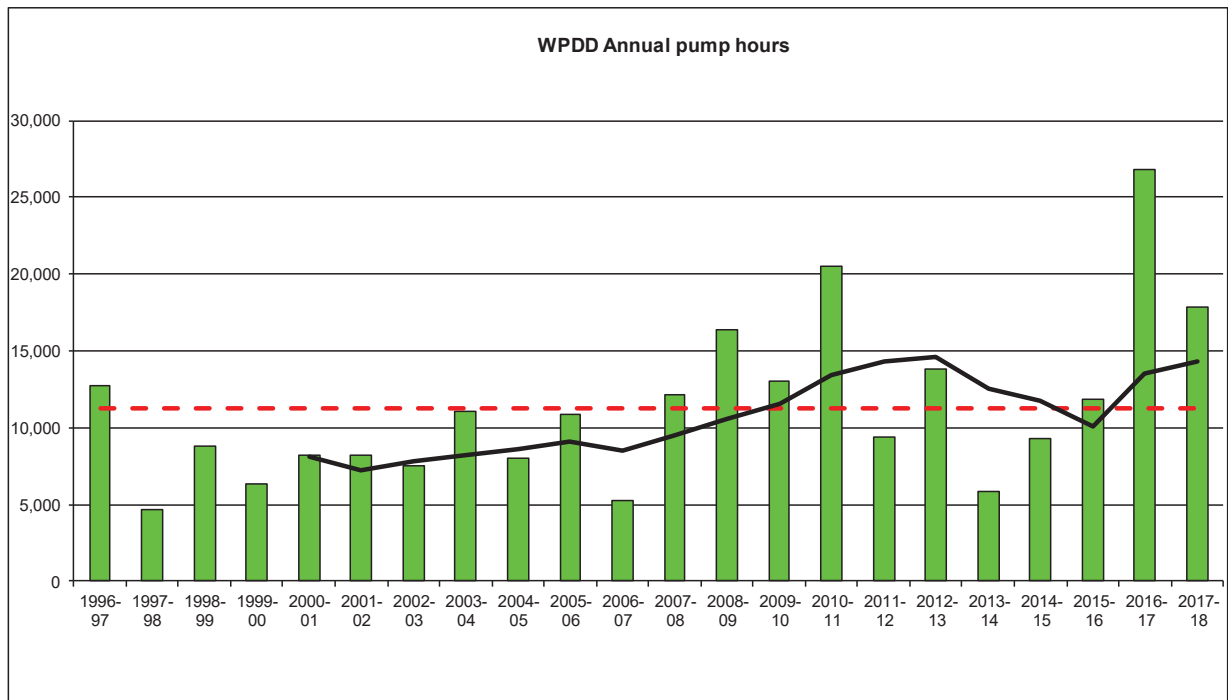
30 Pumpsets

159%

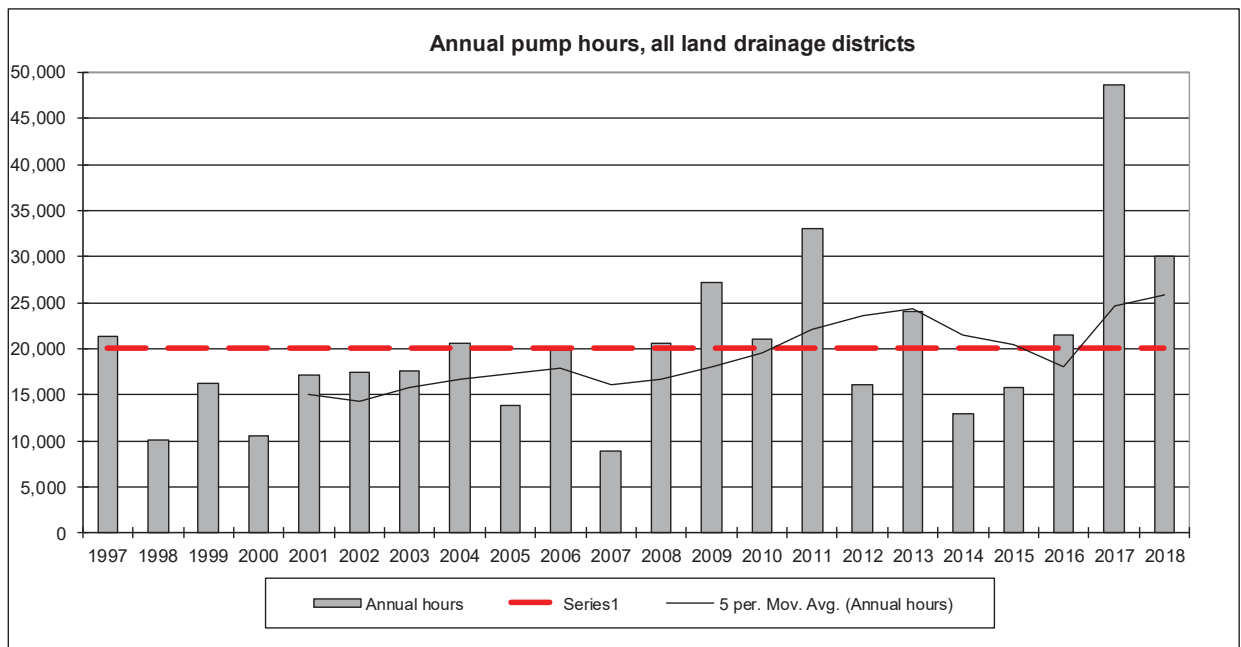
Capacity m3/s



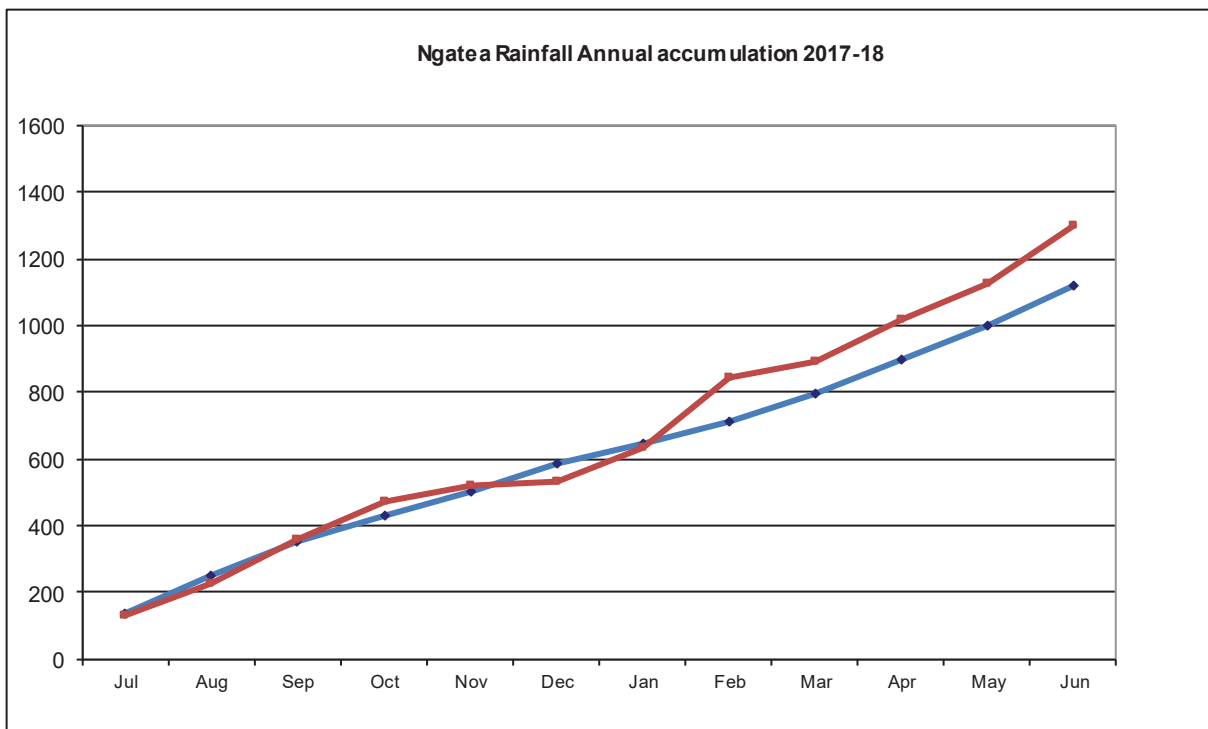
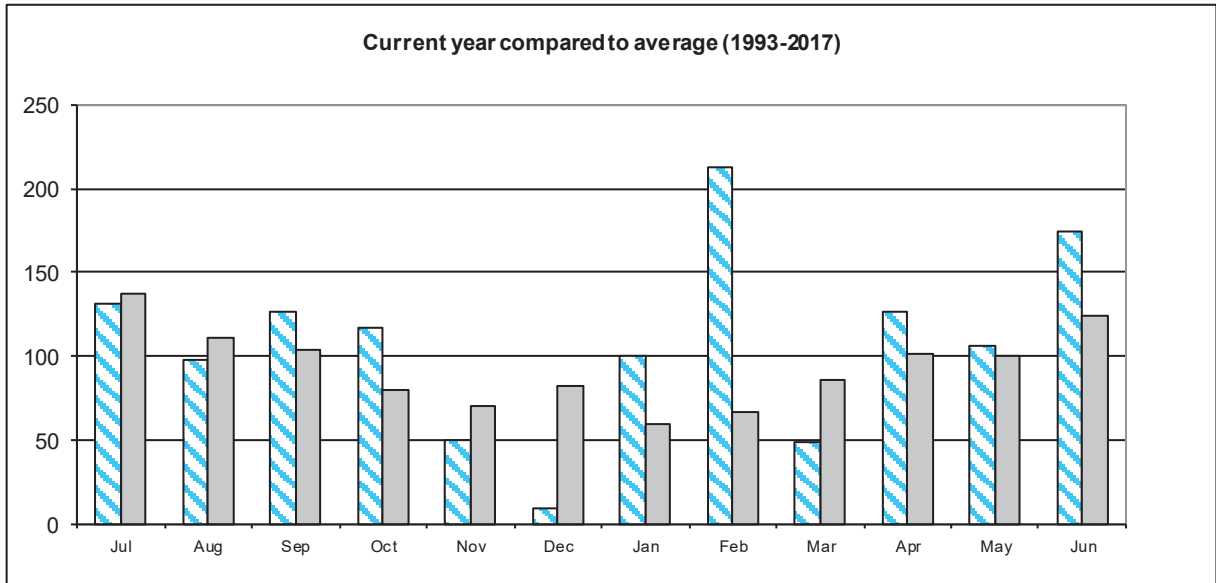
WESTERN PLAINS DRAINAGE DISTRICT - ANNUAL PUMP RUNNING HOURS



ANNUAL PUMP RUNNING HOURS - ALL DISTRICTS



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							770
2019													0
Ave.	59	66	86	102	100	124	138	111	104	79	71	83	1123
Max	270	230	341	255	176	237	299	229	222	146	207	222	1529
Min.	2	4	12	7	41	50	8	57	48	18	15	9	839



Western Plains Drainage District						
Financial Report for 12 months to 30 June 2018						
Item	Total Budget	Budget YTD	Actual YTD	Variance	Actual % of YTD Budget	Actual % of Total Budget
DRAINAGE OPERATIONS						
Vegetation Control						
Area 1	13,500	13,500	8,386	5,114	62%	62%
Area 2	10,001	10,001	7,325	2,676	73%	73%
Area 3	15,499	15,499	5,960	9,539	38%	38%
Area 4	16,099	16,099	13,170	2,929	82%	82%
Area 5	9,600	9,600	6,119	3,481	64%	64%
Area 6	12,301	12,301	8,823	3,478	72%	72%
TOTAL	77,000	77,000	49,783	27,217	65%	65%
Mechanical Cleaning						
Area 1	14,000	14,000	35,702	(21,702)	255%	255%
Area 2	10,400	10,400	10,489	(89)	101%	101%
Area 3	13,800	13,800	5,553	8,247	40%	40%
Area 4	16,700	16,700	13,192	3,508	79%	79%
Area 5	10,000	10,000	20,536	(10,536)	205%	205%
Area 6	12,800	12,800	17,751	(4,951)	139%	139%
TOTAL	77,700	77,700	103,223	(25,523)	133%	133%
Maintenance/Fencing/Culverts						
Area 1	860	860	329	531	38%	38%
Area 2	860	860	547	313	64%	64%
Area 3	860	860	942	(82)	110%	110%
Area 4	860	860	256	604	30%	30%
Area 5	860	860	178	682	21%	21%
Area 6	860	860	2,557	(1,697)	297%	297%
TOTAL	5,160	5,160	4,811	349	93%	93%
TOTAL DRAIN MAINTENANCE	159,860	159,860	157,817	2,043	99%	99%
Pumps						
General	15,215	15,215	34,346	(19,131)	226%	226%
WPDD Pumps	120,202	120,202	135,935	(15,733)	113%	113%
TOTAL	135,417	135,417	170,281	(34,864)	126%	126%
Floodgates						
(D)	14,000	14,000	11,488	2,512	82%	82%
TOTAL	14,000	14,000	11,488	2,512	82%	82%
Stopbanks						
(D) Tributary Banks	0	0	0	0		
TOTAL	0	0	0	0		
Other						
Weather Events	3,000	3,000	891	2,109	30%	30%
Business Unit Charge Allocation		0	0	0		
Asset Liaison	4,000	4,000	5,067	(1,067)	127%	127%
Data Collection		0	15,267	(15,267)		
Data Maintenance	4,000	4,000	15,146	(11,146)	379%	379%
Design		0	0	0		
Drain Inspection	7,502	7,502	6,390	1,112	85%	85%
Pump Operation	0	0	463	(463)		
Rates	0	0	0	0		
Appointed Member Expenses	0	0	0	0		
Meeting Expenses	4,501	4,501	2,663	1,838	59%	59%
Insurance	3,000	3,000	3,146	(146)	105%	105%
TOTAL	26,003	26,003	49,033	(23,030)	189%	189%
TOTAL OPERATING	335,280	335,280	388,619	(53,339)	116%	116%

Overheads						
Overheads	107,854	107,854	107,854	0	100%	100%
TOTAL	107,854	107,854	107,854	0	100%	100%
Depreciation						
Depreciation (D)	93,304	93,304	0	93,304	0%	0%
Depreciation (P)	0	0	0	0		
TOTAL	93,304	93,304	0	93,304	0%	0%
Interest						
Interest (D)	(63,060)	(63,060)	(63,060)	0	100%	100%
TOTAL	(63,060)	(63,060)	(63,060)	0	0%	0%
TOTAL EXPENDITURE	473,378	473,378	433,413	39,965	92%	92%

FLOOD PROTECTION OPERATIONS						
Floodgates						
(F1)	3,423	3,423	4,562	(1,139)	133%	133%
(F2)	1,080	1,080	1,123	(43)	104%	104%
TOTAL	4,503	4,503	5,685	(1,182)	126%	126%
Stopbanks						
(F1) Waitak Stm Left Bank	600	600	313	287	52%	52%
(F1) Foreshore	0	0	0	0		
(F1) Miranda	500	500	2,414	(1,914)	483%	483%
(F1) Karito/Hill Catchment	0	0	0	0		
(F2) Maukoro Left Bank	0	0	0	0		
(F2) Waitak Stm Right Bank	2,100	2,100	0	2,100	0%	0%
(F2) Gubbs Outlet Bank	0	0	0	0		
TOTAL	3,200	3,200	2,727	473	85%	85%
Depreciation						
Depreciation (F1)	35,398	35,398	0	35,398	0%	0%
Depreciation (F2)	15,207	15,207	0	15,207	0%	0%
TOTAL	50,605	50,605	0	50,605	0%	0%
Interest						
Interest (F1)	(25,224)	(25,224)	(25,224)	0	100%	100%
Interest (F2)	(5,380)	(5,380)	(5,380)	0	100%	100%
TOTAL	(30,604)	(30,604)	(30,604)	0	100%	100%
TOTAL FLOOD PROTECTION	27,704	27,704	(22,192)	49,896	-80%	-80%
TOTAL EXPENDITURE	501,082	501,082	411,221	89,861	82%	82%
INCOME						
Rates Funding WPDD (D)	(499,331)	(499,331)	(499,331)	0	100%	100%
Rates Funding WPDD (F1)	(65,855)	(65,855)	(65,855)	0	100%	100%
Rates Funding WPDD (F2)	(6,294)	(6,294)	(6,294)	0	100%	100%
Opening Balance as at 01/07/2017	(2,008,574)					

WESTERN PLAINS DRAINAGE DISTRICT WORKS AREAS and PUMP LOCATIONS

