

Hikurangi Swamp Working Group Meeting 20/3/14

	Topic/Owner	Information
1	Last Meeting	<i>Minutes</i>
2	Apologies	
3	Legal Action	- <i>Update</i>
4	Assets	- <i>Pump availability</i> - <i>Okarika Stations Moir Tell Tales</i>
5	Fencing	- <i>Status</i>
6	Finances	- <i>2012/13 Actuals</i> - <i>2013-14 YTD</i> - <i>HydroTech Activities</i>
6	Grazing Licences	- <i>Review of agreements due 2014</i>
7	Operations/Maintenance	- <i>Drains Programme</i> - <i>Electrical report</i> - <i>Te Mata Electrical Board</i> - <i>Any issues</i>
8	Stopbank Cuts	- <i>Options change to consent conditions</i>
10	AOB	<i>DoC - Wendy Holland</i> Contact details for Swamp SOP Rating review?

Legal Case

- Monday, 17 March 2014 we received \$24,723.83 being 50% of the Court order costs. This sum has been direct credited to our account
- We are advised that the second half will be paid by 13 April.

Assets

Pump Availability (Red highlight not operating)

Station	~1.1 m ³ /s Pumps			~ 4.1 m ³ /s Pumps		Station Capacity (m ³ /s)
	A	B	C	D	E	
Otonga	Flygt (17%)	Flygt (17%)		Pleuger (65%) (2018)		6.3
Te Mata	Pleuger (17%) (2018)	Flygt (17%)		KSB (65%) (New 2012)		6.3
Mountain	Pleuger (50%) (2015)	KSB (50%) (New 2013)				2.2
Tanekaha	McKewen (50%) (2022)	Pleuger (50%) (2015)				2.2
Junction	Pleuger (100%) (2015)					1.1
Ngararatunua	Pleuger (11%) (2018)	Pleuger (11%) (2018)		Pleuger (39%) (2018)	Pleuger (39%) (2015)	10.4
Okarika	Pleuger (10%) (2022)	Pleuger (10%) (2022)	Pleuger (10%) (2021)	Pleuger (35%) (2015)	Pleuger (35%) (2018)	11.5

Pump Repairs

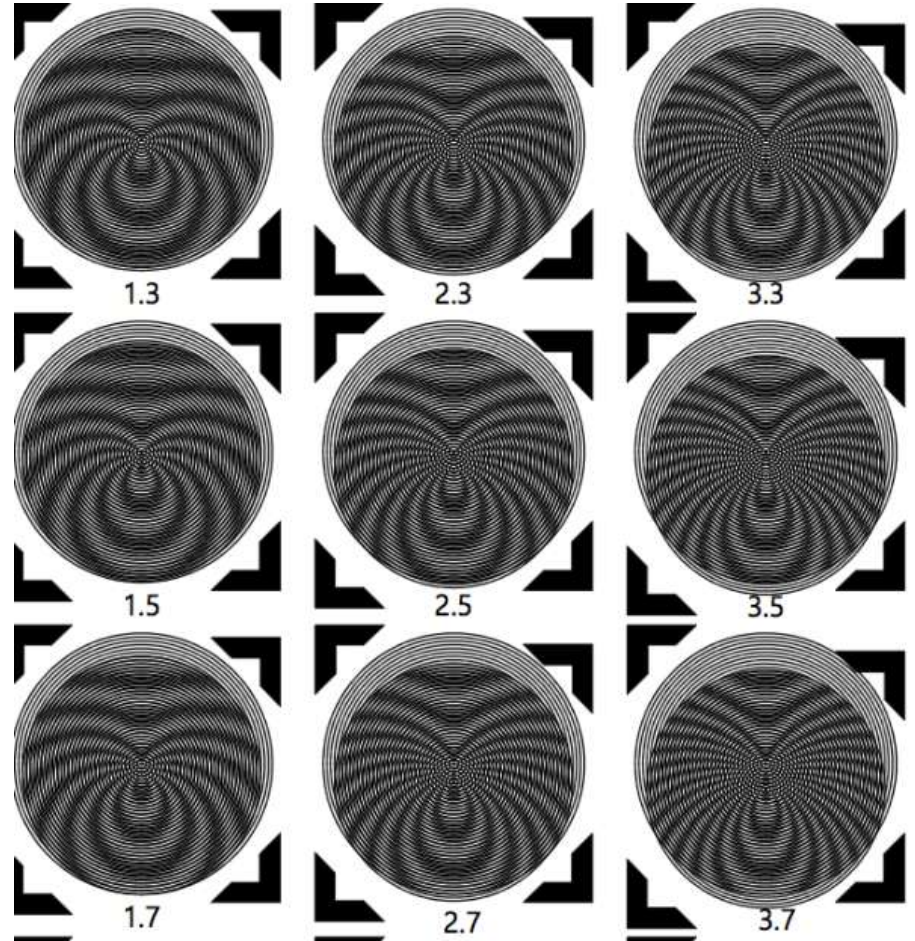
- Te Mata Switchboard being rebuilt by SPI / McKays. Needed to fully liven Te Mata station
- Was publically tendered with SPI lowest price
- Programme attached
- Will be 8 – 10 day period when no pumps operational at Te Mata
- Insurance will cover cost less \$5k premium. Pay on invoice
- 30hp Pleugers – discussed later

Te Mata Pump Station Switchboard Replacement Project

	Total SPIIND Hours Per Task	3/03/2014	7/03/2014	11/04/2014	18/04/2014	25/04/2014	2/05/2014	9/05/2014	TBC
Tender Award		C							
Design Approval			C						
Switchboard Procurement				X					
Mobilisation/Induction					2				
Disconnect 11Kv Side of Transformer (Northpower)					X				
Remove Old Switchboard					8				
Install New Switchboard					16				
Connect in Pump D Power & Controls					6				
Install New Mains Cable					12				
Connect in Pumps A & B					12				
Floatless Switches x 4					16				
Liven Transformer (Northpower)					X				
Commissioning					8	8			
Demobilisation						8	16		
O & M Manuals								16	
Travel					10	2			
Flood Commissioning									16
Total Hours Per Week					90	18	16	16	16

C Completed Tasks
X Work in Progress

Okarika Moire Tell Tales



Stock exclusion

- Reminder to keep stock out of water.
- A number of parties monitoring water courses



Opex Finances - Agenda

- How finances are managed
- Natural Accounts
- Review 2012/13
- Review 2013/14
- HydroTech Costs
- Forecast for 2013/14

How finances are managed

- Budgets are set through the LTP – Reviewed 3 yearly and typically based on previous years plus escalation / inflation
- Budgets are broken into council's typical set of natural accounts, e.g. Insurance, External Contractors, Electricity etc.
- As year progresses, staff (Andrew , Adam & Andy) review actual spend against budget and forecast upcoming months.
- Expenditure is phased by month to take into account seasonal variation
- Note income is based on invoices/rates demand sent out (not paid)
- Hikurangi forecasting is more complicated due to the costs associated with unpredictable weather,
e.g. power varies between \$0 – 35k/month

Natural Accounts

Natural Account	Description of Cost Centre
1020 - Rates Strike	Income from targetted rates, i.e. Major Scheme and Drainage District
1404 - Other Rentals	Lease of Council Land
1648 - Recharge Interest	TBC
2326 - Other Insurance	Share of Council Insurance Policy
2372 - Rates Paid	Rates chargeable on Council Land
2373 - Electricity	Electricity consumption charge
2534 - Recharge Intere	Interest on Debt (charged at TBC%)
2535 - Recharge Interest	TBC
2539 - Recharge Financ	TBC
2611 - Water Rights Pa	NRC consent fees & associated charges
2720 - Payments to Ext	External Contractors, inc. TPI & HydroTech
2734 - Legal Fees	Legal Fees e.g. court case
2736 - Engineering Fee	Professional services e.g. consent review/applications/modelling/structural advice & monitoring
2737 - Other Profess	Other professional services e.g. surveys etc.
2739 - Infrastructure	Engineering
2761 - P&E R&M (Other	Plant and Equipment, inc. website & SIM data charges
2860 - Depn Infrastruc	Depreciation (calculated but not charged/collected)
2905 - Other Internal	Council Management Fees (Scheme + property management)

Review 2012/13

			Actual Spend											
Natural Account	Total Periods	Full Year Budget	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
1020 - Rates Strike	(524,676)	(523,418)	(43,730)	(43,730)	(43,724)	(43,730)	(43,730)	(43,651)	(43,730)	(43,730)	(43,730)	(43,730)	(43,730)	(43,730)
1404 - Other Rentals	(61,880)	(64,430)	0	0	0	(31,151)	211	0	0	0	0	(30,711)	0	(230)
1648 - Recharge Intere	(749)	(231)	0	0	0	0	0	0	0	0	0	0	0	(231)
2326 - Other Insurance	17,421	17,940	0	0	0	0	0	17,421	0	0	0	0	0	0
2372 - Rates Paid	46,659	63,693	0	46,659	0	0	0	0	0	0	0	0	0	0
2373 - Electricity	115,433	160,000	730	30,404	30,179	15,947	10,773	781	2,374	2,293	18	331	997	25,065
2534 - Recharge Intere	117,723	114,000	0	0	0	0	0	0	0	0	0	0	0	114,000
2535 - Recharge Intere	4,335	0	0	0	0	0	0	0	0	0	0	0	0	0
2539 - Recharge Financ	6,250	5,241	0	0	0	0	0	0	0	0	0	0	0	5,241
2611 - Water Rights Pa	1,611	5,000	473	0	0	0	0	0	0	0	291	0	0	0
2720 - Payments to Ext	143,254	271,082	1,930	46,628	3,142	40,039	(69,608)	44,318	8,848	(256)	(3,740)	23,752	42,773	8,476
2734 - Legal Fees	41,210	0	0	82	0	0	0	0	0	9,135	0	12,149	0	24,843
2736 - Engineering Fee	18,882	33,147	0	2,101	0	0	0	0	0	1,380	106	2,125	8,348	12,403
2737 - Other Profess	5,805	0	2,358	832	0	0	0	1,268	1,348	0	0	0	0	0
2739 - Infrastructure	558	0	0	0	1,820	0	(4,838)	3,577	0	0	0	0	0	0
2761 - P&E R&M (Other	41,894	74,733	2,775	582	0	0	0	0	0	0	0	945	3,064	83,604
2860 - Depn Infrastruc*1	335,163	244,137	20,345	20,345	20,345	20,345	20,345	20,345	20,345	20,345	20,345	20,345	20,345	20,345
2905 - Other Internal	51,760	51,760	51,760	0	0	0	0	0	0	0	0	0	0	0
Total	360,654	452,654	36,640	103,903	11,761	1,449	(86,847)	44,058	(10,817)	(10,833)	(26,710)	(14,794)	31,797	249,784
Total (excl. Depreciation)	25,491	208,516	16,296	83,558	(8,584)	(18,896)	(107,192)	23,714	(31,161)	(31,178)	(47,055)	(35,139)	11,453	229,440

Review 2013/14

Natural Account	Total Periods YTD	Full Year Budget	Actuals								Forecast			
			Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-13	Jun-13
1020 - Rates Strike	(453,914)	(655,000)	(54,675)	(54,675)	(71,192)	(54,671)	(54,675)	(54,675)	(54,675)	(54,675)	(54,675)	(54,675)	(54,675)	(54,675)
1404 - Other Rentals	(15,498)	(43,298)	0	0	0	(15,498)	0	0	0	0	0	(21,489)	0	(161)
1648 - Recharge Intere	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2302 - Refreshments Pr	0	0	0	0	134	0	(134)	0	0	0	0	0	0	0
2303 - Freight/Cartage	0	2,000	0	0	0	0	0	0	0	0	0	125	125	125
2326 - Other Insurance	18,936	19,818	0	0	0	0	0	18,936	0	0	0	0	0	0
2372 - Rates Paid	58,204	58,204	0	58,204	0	0	0	0	0	0	0	0	0	0
2373 - Electricity	37,781	173,000	0	5,083	16,498	10,183	1,217	243	3,479	833	33,866	33,866	33,866	33,869
2463 - Management Fee	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2534 - Recharge Intere	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2535 - Recharge Intere	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2539 - Recharge Financ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2611 - Water Rights Pa	83	5,000	0	0	0	0	0	0	0	83	870	0	0	2,630
2720 - Payments to Ext	53,673	295,000	0	4,545	9,276	6,450	6,028	11,371	6,180	9,823	24,966	24,966	29,966	24,966
2734 - Legal Fees	18,007	10,000	0	0	0	9,180	8,828	0	0	0	(15,000)	(15,000)	1,940	0
2736 - Engineering Fee	3,673	4,576	0	0	2,580	238	495	0	360	0	(7,500)	(7,500)	586	0
2737 - Other Profess	1,877	5,000	0	0	0	0	0	0	1,877	0	563	563	563	563
2739 - Infrastructure	0	5,000	0	0	0	0	0	0	0	0	0	0	0	0
2761 - P&E R&M (Other	107,647	43,000	0	0	50,468	33,154	10,244	973	5,950	2,537	3,202	3,202	3,202	3,202
2860 - Depn Infrastruc*1	240,133	360,200	30,017	30,017	30,017	30,017	30,017	30,017	30,017	30,017	0	0	0	0
2905 - Other Internal	66,782	66,782	66,782	0	0	0	0	0	0	0	0	0	0	0
Total	137,384	349,282	42,123	43,173	37,780	19,052	2,019	6,865	(6,813)	(11,382)	(13,709)	(35,943)	15,572	10,518
Total (excl. Depreciation)	(102,749)	(10,918)	12,107	13,156	7,764	(10,965)	(27,998)	(23,152)	(36,829)	(41,399)	(13,709)	(35,943)	15,572	10,518

*1 Depreciation calculated but not charged

HydroTech Costs

	Inspections / Reporting	Vegetation / Drain Clearing	Storm readiness check / Flood attendance	Maintenance	Totals
Jan-13	\$ 3,081.00		\$ 125.00		\$ 3,206.00
Feb-13	\$ 3,250.00			\$ 4,041.29	\$ 7,291.29
Mar-13	\$ 2,600.00	\$ 760.69		\$ 950.85	\$ 4,311.54
Apr-13	\$ 11,498.27	\$ 26,937.00	\$ 275.00	\$ 3,327.14	\$ 42,037.41
May-13	\$ 2,849.05		\$ 400.00	\$ 3,530.28	\$ 6,779.33
Jun-13	\$ 3,028.06		\$ 1,700.50	\$ 1,903.25	\$ 6,631.81
Jul-13	\$ 3,250.00	\$ 75.00	\$ 825.00		\$ 4,150.00
Aug-13	\$ 2,975.00		\$ 5,028.33	\$ 200.00	\$ 8,203.33
Sep-13	\$ 2,600.00		\$ 2,033.00	\$ 1,112.98	\$ 5,745.98
Oct-13	\$ 4,942.11			\$ 577.00	\$ 5,519.11
Nov-13	\$ 2,600.00	\$ 759.15		\$ 8,012.10	\$ 11,371.25
Dec-13	\$ 3,250.00		\$ 1,332.00	\$ 1,597.66	\$ 6,179.66
Jan-14	\$ 2,700.00		\$ 154.00	\$ 3,682.99	\$ 6,536.99
Totals	\$ 48,623.49	\$ 28,531.84	\$ 11,872.83	\$ 28,935.54	\$ 117,963.70

Stormwater and Sewerage Maintenance and Operation - Contract #12047							
SWAMP - March 2013							
W/O #	Asset ID	Date	Code	Description	Qty	Sub Total	Total
473714	STPS-JORD-01			JORDAN VALLEY RD HUKERENG			\$ 822.40
		06/03/2013	HAB200	LABOURER INCLUDING TRAVEL	0.00	28.00	14.00
		06/03/2013	HAB100	MTRLS, PLANT HIRE AND SUB-CONT	485.20	1.00	485.20
		06/03/2013	HAB200	5% CONTRACTORS MARGIN/COST	485.20	0.00	23.20
				Spraying of gulleys and pits. Went to site and discussed areas to be sprayed with Joe Martin.			
473715	STPS-JORD-04			JORDAN VALLEY RD HUKERENG			\$ 398.23
		06/03/2013	HAB200	LABOURER INCLUDING TRAVEL	0.00	28.00	14.00
		06/03/2013	HAB100	MTRLS, PLANT HIRE AND SUB-CONT	232.50	1.00	232.50
		06/03/2013	HAB200	5% CONTRACTORS MARGIN/COST	232.50	0.00	11.63
				Spraying of gulleys at road pump station. Saw photos to Joe Martin and discussed area to be sprayed.			
473267	STPS-JORD-02			JORDAN VALLEY RD HUKERENG			\$ 836.50
		13/03/2013	HA7210	DAY WORKS LABOURER & TRAVEL	0.75	28.00	188.00
		13/03/2013	HAB100	MTRLS, PLANT HIRE AND SUB-CONT	300.00	1.00	300.00
		13/03/2013	HAB200	5% CONTRACTORS MARGIN/COST	300.00	0.00	16.50
				Reap front pump & prep with refuelment pump. A prop. Went to site with Gary from Asakota Engineering and moved Pump 8 back on its stand and drew off the propeller which had sustained damage in a previous flood. The prop which had been removed from Pump 4 that morning was drawn onto the shaft and fastened in place. Following realignment of the prop glycol was topped up and glycol lines reconnected to pump. Water boards deteriorated and frame holding it is badly corroded and in need of replacing.			
473268	STPS-JORD-03			JORDAN VALLEY RD HUKERENG			\$ 283.30
		15/03/2013	HA7220	DAY WORKS ELECTRICIAN & TRAVEL	0.00	90.00	25.00
		15/03/2013	HAB100	MTRLS, PLANT HIRE AND SUB-CONT	168.00	1.00	168.00
		15/03/2013	HAB200	5% CONTRACTORS MARGIN/COST	105.00	0.00	5.30
				Reactor fan for Pump 5. Following excessive tripping occurred motor rated 1/2hp fuse plus a spare set to protect pump 5. Installed while at site.			
473269	STPS-JORD-06			JORDAN VALLEY RD HUKERENG			\$ 212.00
		25/03/2013	HAB300	SUPERVISOR INCLUDING TRAVEL	1.00	90.00	50.00
		25/03/2013	HAB400	TRUCK INCLUDING DRIVER & WHEEL	2.25	72.00	162.00
				Replace faulty pump diffusers with WCC spares. Went to WCC treatment and found parts from Temuka and maintain station. Spilled and brought to Hydrotech workshop for collection repair.			
473268	STPS			UNKNOWN			\$ 2,000.00
		01/03/2013	HAB100	HRU SWMP PRELIM AND GEN	1.00	650.00	650.00
		01/03/2013	HAB200	HRU SWMP RECORD MANAGE	1.00	350.00	350.00
		01/03/2013	HAB500	HRU SWMP WEEKLY INSPECTIONS	4.00	425.00	1,700.00
				Preliminary and general record management. Weekly inspections - March 2013			
GRAND TOTAL: \$ 4,311.54							

Vegetation / Drain Clearing

Vegetation / Drain Clearing

Maintenance

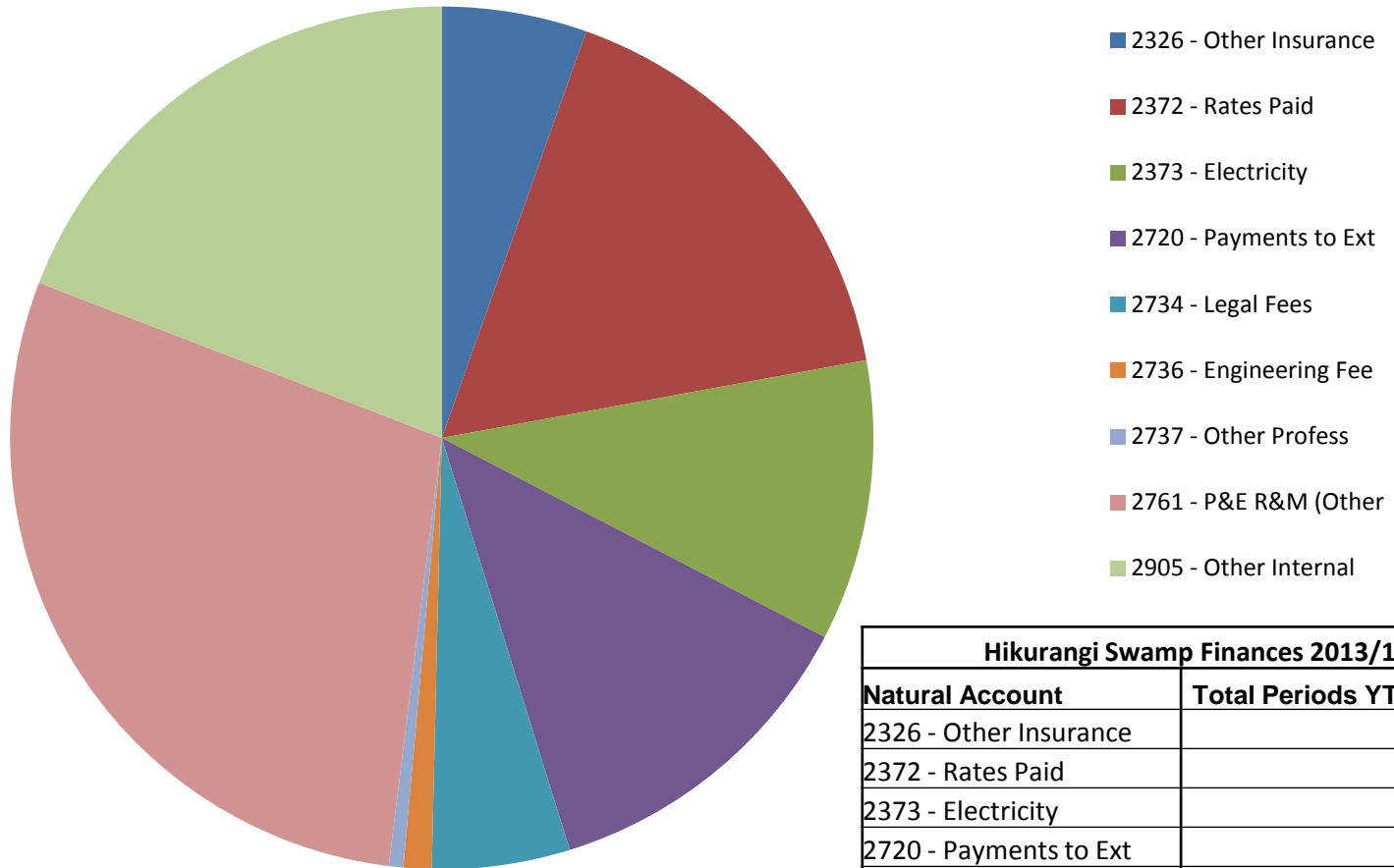
Maintenance

Maintenance

Inspections / Reporting

HydroTech Costs (Jul-Dec 2013)

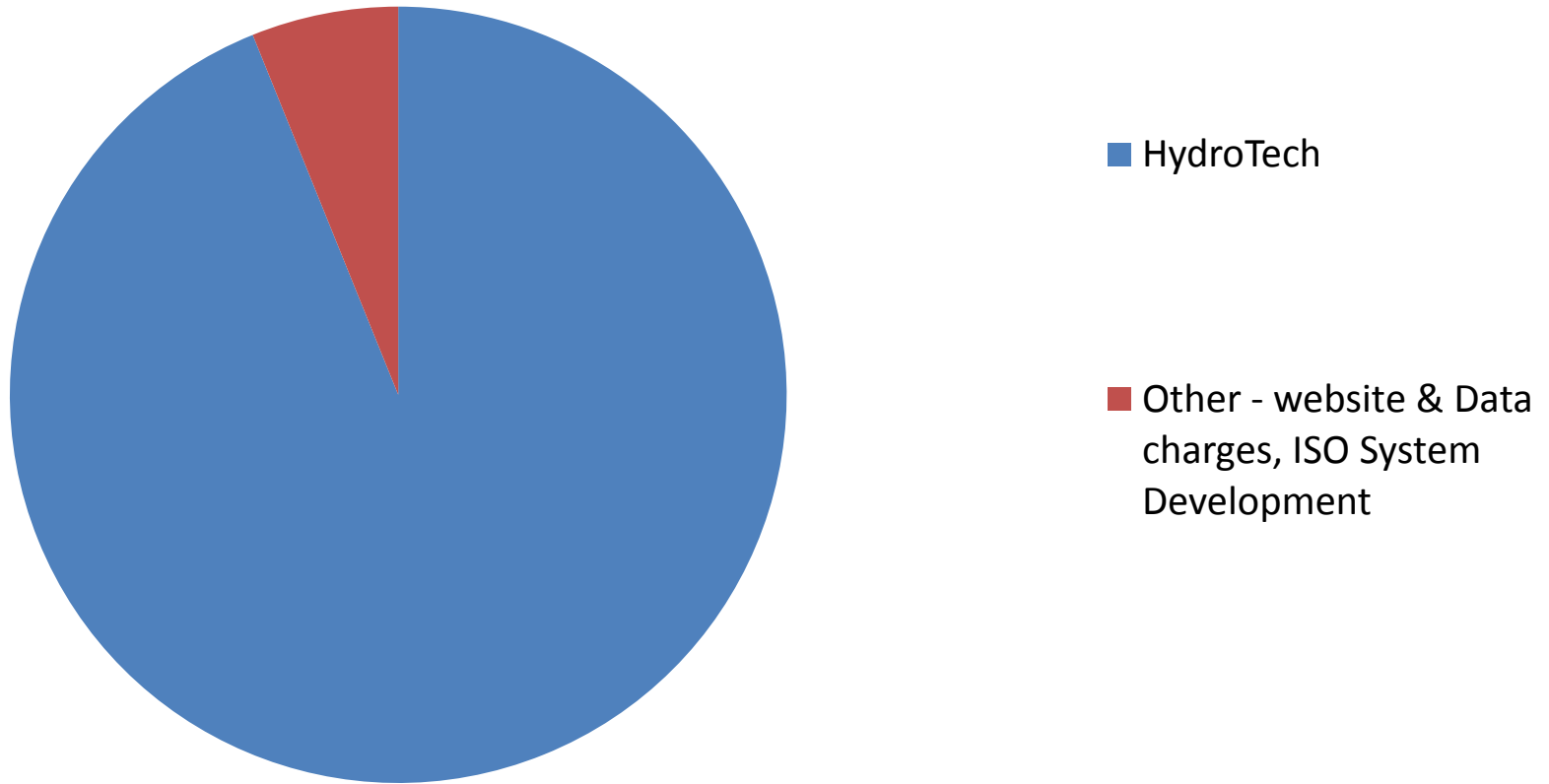
2720 – Payments to external contractors



Hikurangi Swamp Finances 2013/14	
Natural Account	Total Periods YTD (to Dec)
2326 - Other Insurance	18,936
2372 - Rates Paid	58,204
2373 - Electricity	36,702
2720 - Payments to Ext	43,850
2734 - Legal Fees	18,007
2736 - Engineering Fee	3,673
2737 - Other Profess	1,877
2761 - P&E R&M (Other	100,788
2905 - Other Internal	66,782
TOTAL	348,820

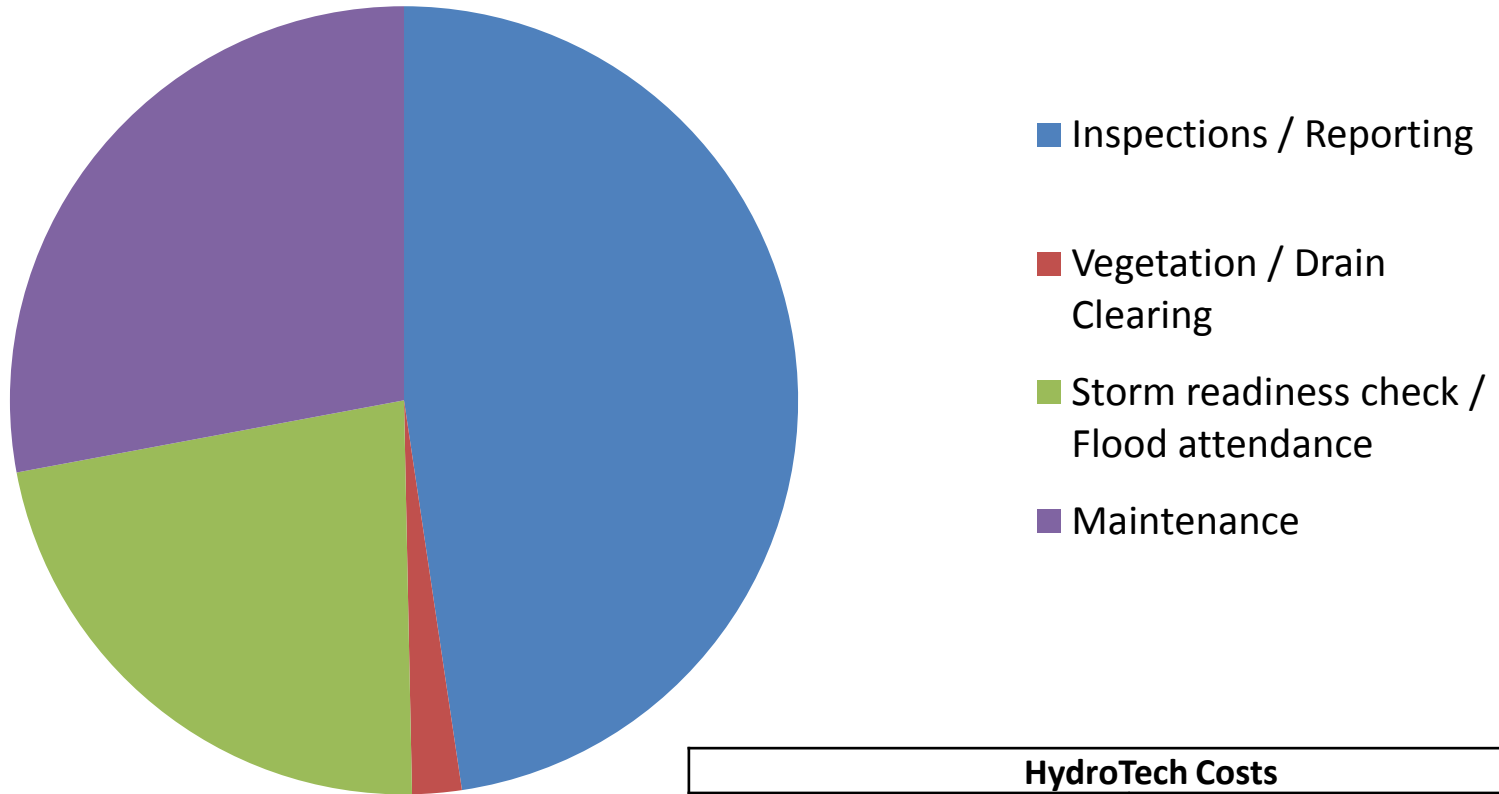
HydroTech Costs (Jul-Dec 2013)

2720 – Payments to external contractors



2720 - Payments to Ext	
HydroTech	41169.33
Other - website & Data charges, ISO System Development	2,681
Total	43,850

HydroTech Costs Jul-Dec 2013 – no drain cleaning



HydroTech Costs		
Inspections / Reporting	\$	19,617.11
Vegetation / Drain Clearing	\$	834.15
Storm readiness check / Flood attendance	\$	9,218.33
Maintenance	\$	11,499.74
Total	\$	41,169.33

Forecast for 2013/14

- Currently forecasting a \$140k under spend (including insurance and court repayments)
- Initial focus is to keep total expenditure \$60k under budget (~ 10%)
- On this basis we could repair items listed up to \$80k in Table below still have the following to cover costs in the next 4 months.
- \$107k for power
- \$188k external contractors – which will need to include drain cleaning and storm attendance, and switchboard rebuild
- \$20k for other professional fees – eg maintenance of swamp telemetry, consnet compliance, legal fees and valuation costs associated with redrafting grazing licence

Priority	Work to be done	Approx. \$\$\$'s
1	Rewind 80 HP Pump Okarika	\$30k
1	Rewind 80 HP Pump Ngaratanua	\$30k
2	Remedy electrical supply issues - general	\$5k
3	Rewind 80 HP Pump Spare	\$30k

Grazing licences

- Revaluation done to assess charges, ~15% increase over 2009 rates taking into account more stringent requirements around stock / water access (Telfer Young)
- A new clause has been inserted to provide for annual review by reference to the CPI Index movement over the 5 years of licence.
- The right to transfer on sale has been removed. Licensor to cancel licence on sale and Council re-issues.
- The ability for cost recovery by Licensor, where licensee has not met obligation and Licensor has to rectify, has been included
- Clause has been added to specifically state stock to be kept out of waterways.

Drains Cleaning Progress

Hikurangi Swamp Drain Cleaning 2013-2014

Area	Equipment/Item	Remedy	Estimated		Estimated		
			Distance	Cost	Distance	Cost	
Ngaratanua	Maruarua stream	Clean stream 1000m	1000	\$2,300			
Ngaratanua	Crawford drain	Clean drain 950m	950	\$2,185			
Otonga	April drain	Clean drain 260m	260	\$598			
Otonga	Lupton drain	Clean drain 2450m	2450	\$5,635			
Otonga	Otonga stream	Clean stream 1720m	1720	\$3,956			
Otonga	Willsonville drain	Clean drain 1750m	1750	\$4,025			
Te Mata	Cullen stream	Clean stream 1000m	1000	\$2,300	1000	\$2,334	
Te Mata	Te Mata stream upper	Clean stream 918m	918	\$2,111	918	\$2,142	
Te Mata	Te Mata stream lower	Clean stream 792m	792	\$1,822	792	\$1,848	
Te Mata	Forsythe stream	Clean stream 1230m	1230	\$2,829	1230	\$2,871	
Tanekaha	Maori Drain	Clean drain 728m	728	\$1,674	728	\$1,699	
Total			Kms	12.80	\$29,435	4.67	\$10,894
Budget			Kms	13	\$29,900		