

Hikurangi Swamp Working Group Meeting

15th September 2016

Meeting held at Fonterra's Jordan
Valley Farm 1100 - 1200

Agenda

	Topic/Owner	Information
1	Last Meeting	Minutes
2	Pocket Representation	Tanekaha Pocket Representative
3	Operations/Maintenance (June to August)	Pump Availability
4	Finances	HydroTech Report Review (June to August) OPEX 2015/16 & 2016/16 Budget Overall Debt Position
5	2016/17 Drain Clearing	Collate Drain Clearing Requests
6	Environmental	Eel Survey Report Draft MoU with NKONWM
7	Other	NRC Draft Regional Plan
8	AOB	Feedback Date of Next Meeting

Pocket Representation – Tanekaha

Pocket Representative

- Enquiries have been made to those suggested but no contact received.

Operations/Maintenance - Pump Availability

June to August

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%)		6.3
Te Mata	Pleuger (17%)	Flygt (17%)		KSB (65%)		6.3
Mountain	Pleuger (50%)	KSB (50%)				2.2
Tanekaha	McKewen (50%)	Pleuger (50%)				2.2
Junction	Pleuger (100%)					1.1
Ngararatunua	Pleuger (11%)	Pleuger (11%)		Pleuger (39%)	Pleuger (39%)	10.4
Okarika	Pleuger (10%)	Pleuger (10%)	Pleuger (10%)	Pleuger (35%)	Pleuger (35%)	11.5

One large & one small spare Pleugers available in storage

There was near 100% pump availability across the Scheme for the whole June to August period;

Two pumps were temporarily isolated for short durations to allow for replacement ammeter and a fuse. Downtime estimated to be 24 – 48 hours during which time it was dry with no pumps operating across the scheme

Finances - HydroTech June Report Review

Inspection	Maintenance	Environmental	Flood Attendance	Drain Clearing
\$3,409.50	\$103.27	\$703.25	\$804.65	\$484.68

Inspections Preliminary & General (Monthly Checks)
Quarterly Inspections

Maintenance Securing of cables
Replace rat bait

Drain Clearing Ox-bow & bermland spraying (tea-tree)

Environmental Collection and posting of eel data loggers

Flood Attendance 10 visits including use of excavator

Finances - HydroTech July Report Review

Inspection	Maintenance	Environmental	Flood Attendance	Drain Clearing
\$2,727.60	\$422.51	\$52.45	\$1,169.72	\$29,206.05

Inspections

Preliminary & General (Monthly Checks)

Maintenance

Replace blown fuse
 Check remote floodgates
 Padlock and chain for restoration areas
 Replace rat bait

Environmental

Collect remaining data logger for eel survey

Flood Attendance

10 visits

Drain Clearing

Ngararatunua and Te Mata pocket clearing

Finances - HydroTech August Report Review

Inspection	Maintenance	Environmental	Flood Attendance	Drain Clearing
\$2727.60	\$5,383.14	-	\$472.08	-

Inspections Preliminary & General (Monthly Checks) & Quarterly checks

Maintenance Design of excavator safety barriers
Replacement of pump ammeter and fuses

Environmental -

Flood Attendance 8 visits

Drain Clearing -

Finances – OPEX 2015/16 & 2016/17 Budget

Account Type	Account Description	2015/16 Actuals	2016/17 Budget
1 - Revenue	Miscellaneous Income Received	(8,500)	0
1 - Revenue	Other Rentals Received	(59,395)	(60,085)
1 - Revenue Total		(67,895)	(60,085)
2 - Expenditure	Telephone and Other Communication	4,080	4,200
2 - Expenditure	Electricity Supply Costs	46,573	88,190
2 - Expenditure	Signs	0	500
2 - Expenditure	Health & Safety Compliance	0	5,100
2 - Expenditure	Water Rights Paid NRC Consent	985	2,091
2 - Expenditure	Payments to External Contractors	284,591	260,645
2 - Expenditure	Legal Fees	1,728	5,000
2 - Expenditure	Engineering Fees	0	10,000
2 - Expenditure	Other Professional Fees	17,264	10,328
2 - Expenditure	Plant & Equip Maintenance non Contract	25,796	88,000
2 - Expenditure Total		381,016	474,054
Grand Total		313,121	413,969



- 2015/16 included Maruarua Rapids, Jack's Swale & old Jordan Valley Rd formation removal at ~\$100k
- Aim for 2016/17 is to come in \$100k under budget whilst maintaining 100% pump availability and pro-active maintenance approach

Finances – Overall Debt Position

- 2014/15 (\$2,473,738)
- 2015/16 (\$2,208,173)

- Managed to reduce Scheme debt by \$265,565
- Intention is match or better this debt reduction for 2016/17

2016/17 Drain Clearing Program

- Go to spreadsheet to compile, however points to note;
- Budget is \$102k (do not have to spend it all, seek 30% saving?)
- Further works required on Maruarua Stream?
- There are approx. 88km of drain
- Cost for spraying is ~\$0.23/meter
- Cost for excavator is ~\$2.50/meter
- The break down for 2015/16 was;
 - 16,171m of spray = \$3,719
 - 16,757m of excavation = \$40,719
 - Jack's Swale, Maruarua Rapids, Riparian Spay = \$60k

Environmental – Eel Monitoring

- NIWA have completed the survey, all data loggers have been collected in
- WDC have verbally been informed that eel movements through the pump station (not confirmed whether through gravity gate or pumps)
- No report (in draft or final format) has yet been received

MoU with NKONWM

- WDC has identified that greater engagement with Iwi with regards to environmental restoration from a Kaitiakitanga perspective is desirable
- WDC have submitted a draft Memorandum of Understanding (MoU) to Ngā Kaitiaki o ngā Wai Māori (NKONWM) for comment
- The MoU expressly details the MoU is solely around the Environmental Restoration & Monitoring Activities/Conditions required in the resource consent for the Scheme.
- The MoU states that the operational activities are not to be altered to the extent that the overall performance of the Scheme is unduly affected

NRC – Draft Regional Plan

- A Regional Plan manages how we use fresh water, land, air and the coast
- NRC will be accepting feedback until **5pm Friday, 23 September 2016**
- It will have implications for farmers (land use & water courses)
- Indications are that the Scheme could technically become a ‘permitted’ activity, i.e. no resource consent required
- WDC, as Scheme operators, will be submitting a response in support of the Draft Regional Plan

AOB

- Feedback
 - Length of Meeting
 - Topics Covered
 - Topics Missed
- Date of next meeting?