



OCTOBER 2016

SCHEME AND EXPANSION NEWSLETTER

In this month's newsletter we remind you of our upcoming AGM and reiterate information regarding the Instrument Appointing Proxy document; advise of the second date for our mandatory New Manager Training session; provide information on checking your irrigation systems as well as an update on water quality; and we look at the reinstatement programme and expected delivery of water with regard to expansion construction.

Annual General Meeting

As mentioned in our last newsletter, the Annual General Meeting is to be held on **Wednesday 2nd November** at the Oamaru Opera House Empire Room, starting at the usual time of 7.30pm.

You should by now have received your second set of papers which will contain the Notice of Meeting; Agenda; Minutes of the Previous Meeting; audited accounts if requested; information on nominated persons; and the Instrument Appointing Proxy.

A quick note on Proxies and the use of:

A proxy is to be used if you are unable to attend the meeting in person OR if your farm is a limited company.

- If your farm is a limited company you **MUST** appoint a corporate representative as proxy to attend and vote on behalf of your Company. If there is no corporate representative appointed as proxy then you cannot vote.
- If you are not attending the meeting yourself you may appoint a proxy to attend the meeting and vote on your behalf. That proxy does not need to be a shareholder of the company.

The Instrument Appointing Proxy document **MUST** be returned to the NOIC office by **Monday 31st October**. The person appointed as proxy **MUST** attend the meeting in order to vote.

Last year there was some confusion around who was eligible to vote and who was not. To reiterate, your shares must be issued not just allocated to vote, and you must have paid all of your share call money due. There are very few that fall into either of these two areas but if you are in that minority unfortunately at this point you will not be able to vote.

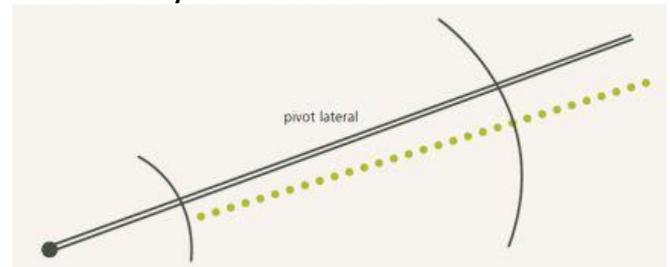
For your information the Annual Report for year ended 30 June 2016 is now available on our website in the Shareholder section.

Environmental

With a lot of people thinking about starting up their irrigation soon, system checks and maintenance are vital. Part of this check should include basic maintenance like checking pipelines for leaks and unblocking nozzles. Once you've

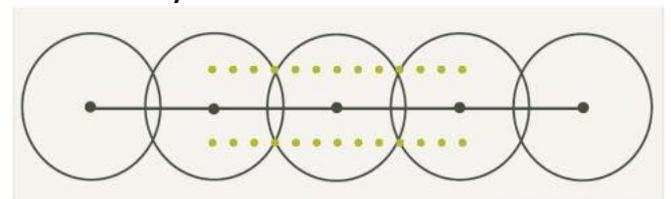
done this, a bucket test should be undertaken. While the naked eye can see if there is an issue with application uniformity, the rate and depth of irrigation cannot be found just by looking. For example, if your irrigator put on 2.5mm/hour last season and this season it happens to be putting on 3.5mm due to wear and tear, better pressure, or any other factor, this can have significant impacts. Over a 24 hour application this will lead to major run-off occurring as North Otago soils cannot hold $24 \times 3.5\text{mm} = 84\text{mm}$ even when they are at wilting point. Even 12 hours at 3.5mm will apply 42mm and most of our soils only hold 50mm when at wilting point.

Bucket Test Layout - Centre Pivot



Make sure you keep your bucket test worksheet and a record of any maintenance or changes made as a result of the test. This will need to be provided as part of your Farm Plan audit.

Bucket Test Layout - K-line



The bucket test worksheet (along with all of NOIC's Environmental Farm Plan templates) is available on our website at www.noic.co.nz/docs/The_Bucket_Test.pdf.

Environmental - Water Quality

During last season's monitoring of water quality in the Waiareka Creek it was found that E. coli, Nitrate and Phosphorous were issues. E. coli is a measure used by the Ministry of Health to indicate health risk to humans. The Waiareka Creek has E. coli readings above the limits for swimming from Whitstone-Five Forks Road heading upstream.

This season's monitoring has focussed on the E. coli issue. We have seen much lower levels through winter but as the spring and higher temperatures have kicked in these high levels have returned. Interestingly the higher levels started prior to the start of the irrigation season. Next steps are to track the source of the E. coli using DNA testing to isolate whether it comes from ruminant animals, water fowl or human sources and in which combination. We will keep you updated but meanwhile keep your eyes out on-farm for any potential inputs to the Creek. Animals in waterways, poor effluent practice, run-off from tracks caused by irrigation, and septic tank discharges may all be contributors which we can address.

Environmental Farm Plans

There are still a few Environmental Farm Plans to come in, please remember we cannot supply water until we have received yours. If you have a particular problem or issue that you need to discuss please call our environmental manager Dylan Robertson on 021 048 6253.

New Manager Training - Compulsory

Our first new manager training session was very well attended with around 40 people, and we expect to have similar numbers at our second session. This is a compulsory training session for people new to the NOIC scheme.

- **The second session will be held on Thursday 27th October at the Five Forks Hall from 6.00pm to 9.00pm.**

Please contact the office or email lmcdougall@noic.co.nz to confirm who from your farm will be attending. We will be following up if we do not hear from you as attendance is compulsory for those who have never been on the scheme before.

NOIC Scholarship

Don't forget that applications for our scholarship close today. Please ensure anyone who you think might be interested, or who might have children who could be interested, completes an application form and gets it in to our office as soon as possible. Contact Louise on 433 1201 or email lmcdougall@noic.co.nz if you have any queries.

Application forms are available from the office, on our website, and careers advisors and agriculture teachers at our local high schools also hold them.

Expansion Reinstatement

McConnell Dowell have informed us that they are now managing reinstatement to be completed no later than two weeks after crews have left a property. Please feel free to let us know if that is not the case for you or if you are dissatisfied with how things are going on your property.

The MCD farmer liaison Nicola McGrouther will be contacting all landowners to gain sign-off on the release forms. Signing this form indicates that you are happy with the work completed and the reinstatement. If your property has not been reinstated to a pre-construction standard you need to discuss this with MCD and/or contact us here at NOIC. If you are happy, we would appreciate you signing off as soon as you can so that we can track progress of reinstatement.

Expansion Commissioning

The first portion of pipe received water for commissioning testing on Tuesday 18th October. This is an exciting step toward the taps being turned on for all, although it is important to remember that this does not mean water will be flowing from the pipes within weeks! The "best case scenario" remains the programme communicated to you in July, that is - all offtakes commissioned and operating by 22nd December 2016 (see below).



Delivery of Water - ETA - Best Case Scenario!

We have received an update from McConnell Dowell on when water should be available to farms, see the table below.

Branchline	Expected Delivery Date
Head Pond to Queens Flat	31/10/16
Peaks line	28/11/16
Queens Flat to Five Forks	17/11/16
Dunrobin line	28/11/16
Roundhill	21/12/16
Five Forks to Kauru Hill	05/12/16
Kauru Hill to Herbert	15/12/16
Kauru Hill to All Day Bay	21/12/16

Don't forget that we are now on Facebook!

With kind regards from the NOIC team