

# Wholly Water

ECan Laboratory's Newsletter

## YELLOW STICKERS ON CHILLY BINS

Many of you will have seen by now that we are putting bright yellow stickers on chilly bins as a reminder that there are chilly packs inside which should be frozen. Please don't forget to send the frozen packs back with the samples. →

## CHILLY BIN AMNESTY

We have several chilly bins missing in action. Do you have any of our chilly bins lying around that are not being used? We would appreciate receiving them back please as from time to time our stocks get very low and we have to buy more in. Thanks a lot.

## DO WINKLER SAMPLING

To assist samplers when taking a Dissolved Oxygen sample, we have put together a pack to accompany each DO bottle. The pack has the chemical pillows with sampling instructions detailing the order in which the chemicals are added. This should make it easier to ensure that the 3 chemical pillows are added in the correct order.

Due to increasing costs of the chemical pillows, as from 13 October 2008 the new price for DO analyses will be **\$20.00 (excl. GST)**.

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## KEEPING IT CHILLED .....

### *Did you know that:*

- The **temperature** of water samples, and
- The **time** of transit to the laboratory

can affect the accuracy of your results?



### *Transport and holding time requirements (APHA 2005, 21<sup>st</sup> Ed.)*

To avoid unpredictable changes in microbial population, it is recommended that these requirements be followed for microbiological sample analysis:

- ✚ Collect samples in sterile bottles only
- ✚ Hold samples at less than 10°C (place ice pack/s into chilly bin) *(It is important that the temperature of samples does not increase between the taking and analysis of the samples).*
- ✚ Transfer samples to the laboratory as soon as possible
- ✚ **DO NOT EXCEED 8 hours holding time** (transit to laboratory) for:
  - non potable samples for COMPLIANCE purposes
  - water samples for Enterococci
- ✚ **DO NOT EXCEED 24 hours holding time** (transit to laboratory) for:
  - water samples for NON-COMPLIANCE purposes
  - drinking water for E.coli testing
  - pool water samples
  - samples for HPC

If the result may be used in legal action, employ special means (courier service, rapid transport, etc) to deliver the samples to the laboratory within the specified time and maintain chain of custody.

## STAFF PROFILE



My name is Petra Krizova. I studied water technology in Czech Republic. I have previously worked as a water analyst and did research on industrial waste waters. Originally I came to New Zealand to travel (and surf) and after deciding that I wanted to stay, applied for the Laboratory Technician's job here at ECan.