

## Fountains

16 March 2009

To: "Bob Wallace"

Cc: "Carol Bergquist", Shane Brannigan

Bob,

The new fountains in Onepoto Lagoon seem to be doing a good job already. In less than a week they have shown that there is now much better circulation between the ponds. The recent rains had dropped the SG down to 1.006 a week ago, yesterday it was up to 1.014 which shows that a significant amount of water is being pumped from the weir gate end, where the estuary water is overspilling at high tide, to the top pond. Previously the old concrete work between the ponds had restricted this exchange.

The water is also clearing. It had become very cloudy during the rains and some of the improved clarity will simply be because there has not been rain for a few days, but the oxygenation and circulation would have sped this process up somewhat. This should also help keep down the water temperature and prevent the resulting odours from gas generation.

Visitors to the park were overheard to remark on the fountains and the visual improvement that the fountains add to the pond.

Richard

PS I've added my weekly sailing report which remarks on the fountains.



## RE: Fountains

(Bob Wallace, CC: Jennifer Yorke, Frank Tian, Tony Holman QSO,

Mon Mar 16 15:46:26 2009)

Hi Richard

Thanks for the update and the positive outcome you express.

I will be in touch once all the work is complete and request you to attend a handover meeting for Water Services to take over the operation of the aerators as discussed.

Once again your efforts have been invaluable.

Many thanks.

Bob Wallace

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Momday 16 March

Returning from a client on the city side I stopped in at Onepoto and met Bob Wallace by the ponds.

We discussed the arrangements for controlling the fountains. The electric power box has been moved up to the road edge so that it is above the flood level. This will be fitted with an 'A' padlock for which the club holds a key.

The padlock on the weir gate cover is also to be replaced as it has rusted to the point where it needs a great deal of persuasion to open and close.

There will be lighting in the fountains but the wiring needs to be resited as some of it is within the flood zone.

Bob said that the Onepoto and Chelsea ponds will be transferred from Parks and Reserves control to Water Services. This means that the maintenance and dredging of these ponds will come under the control of the department with the expertise and budget to do this.