

Minutes

What: **Onepoto De-silting, Stakeholder Meeting**

Where: **Onepoto Clubrooms**

When: **5 May 2014 6p.m**

Who attended:

Adrian Percival, Stormwater Consents
Lakshmi Nair Stormwater Project Engineer
Tilaka Diyagama, Consultant Design Engineer
Richard Plinston, President NZRYS and OLCC
Carol Bergquist, OLCC
Shane Brannigan, Onepoto R&R
Adi James, Parks Advisor
Jill Nerheny, People in Parks
Ann Hartley, Kaipatiki Local Board
Bill Herald, Electrons and Ancient Mariners
John Gillon, Kaipatiki Local Board
Ian Bergquist, member NZRYS
Member Onepoto R&R

Introduction by Adrian Percival

Joint Stormwater and Parks project for a less intrusive option to suck dredge the ponds and pump sediment into sediment bags for 6-9 months to drain and dry before trucking to landfill.

Process is:

1. Build a containment area for bags to be fenced off. Issues – height and type of fence – to be wind permeable and height? Watercare tested and result indicates no significant odour issues. This is what the report says: “.....Based on the odour measurement and dispersion modelling assessment, nuisance type odours from the geobag dewatering process will be limited to the immediate vicinity of the operation.... ”
2. De-silting by sucking up sediment using a man-operated barge – small 2-man machine. Odour is contained but sediment will be redistributed to a degree.
3. North pond first. And we can use the ponds over weekends but probably have to move buoys between times.

Issues raised from the floor.

- Settling bags 3m dimension and fencing 1.2m in height. Wind deflection issue raised and wind permeable fencing required. **Response:** – Geobags will be about 1m high. Volume 900m³ and base area 1,500m²
- Flooding in high rainfall. **Response:** – there will be a 1m high bund around the containment area and sediment is being held in sediment containment bags so no re-contamination of pond is anticipated. The dewatering area base is 0.5m above the pond rim level. It will go

underwater only very occasionally. There will be time gaps in between any unmanageable flood / king tide episodes, for the sediment to consolidate back

- Sucking up eels **Response:** – there is a screen at the end of the sucking pipe and objects sucked up will be returned (eels) or landfilled / cleanfilled (plastic bags, cans etc). Note, silt will be sucked up from within the mud layer and not from the water column. The following section is in the particular specification currently, and the “provisional sum” allocated is \$5,000 in the SoP. Ecology scientists can temporarily numb and capture the animals and transfer them until the de-silting is complete, and transfer back, or use some other suitable strategy.

This is an extract from the specs:

F.2.10.6 MANAGEMENT OF FAUNA OF THE PONDS

The Contractor shall engage and assist as required, a nominated sub-contractor for carrying out this item.

The Contractor shall obtain the Engineer's prior approval for the methodology of fauna management (removal and restoration).

This is a PS item. The payment shall be a pre-approved lump sum upon completion of the work item.”

An ecologist can be on site as condition of consent.

- Higher level of forebay maintenance required from the eastern drainage channel
- Requests from the floor included:
 - We identify rocks from the collapsed footpath to be removed.
 - Stormwater to remove the old fountain concrete block,
Response: – (The above two items will be added to the SoP and Specs)
- Forebay at the point of Sylvan Ave road discharge
- Weir gates to be refurbished. **Response:** – It is already in SoP

Timeline.

Consent to be lodged	2 weeks
Consenting process	8 weeks
Contract tender	6 weeks
Physical works	start early spring
De-silting with barge	3 weeks
Drying process	6-9 months

Note:

This is fairly benign sediment but will be cleanfilled or, if the contractor cannot propose a cleanfill, landfilled so to not intrude on park use.

Action points:

Stormwater to investigate:

- Restoration of the aeration fountains to be discussed and agreed with Parks. If only the pump need to be replaced, then it can be added to SoP.
- An additional forebay for the eastern inlet as the silt runoff from the Sylvan Ave catchment is much higher than the western or northern forebays
- To discuss with Parks if the fill can be accepted within Onepoto domain as the contaminant rates are within NES standards but slightly higher than background soil.
- Non-solid fencing for the dewatering area. This is already proposed.

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- The resource consent application to be progressed independent the above issues, so as to not delay the project any further. The consents can be varied by the Stormwater unit at a later date if required. Public notices or information evening will be held after the resource consent is granted.

Stakeholders:

- NZRYS to provide plans of fallen rock from footpath for removal
- To liaise with each other on proposals

Meeting ended with:

Congratulations all round on a well organised and informative meeting, support from Kaipatiki Local Board, action by Auckland Council and thanks all round from people listening teach other.

Many thanks to:

Stormwater team

Parks team

Kaipatiki Local Board