

Version No: 01 Issue Date: 25/10/2017 Portfolio: Lakes	<b>Horizons Regional Council</b>	Section No: 14.22 Page: 1 of 1
<b>horizons</b> regional council	<b>Hydrology Operations Manual</b>	<b>horizons</b> regional council

## Lakes: Importing Depth integrated SmarTroll files

### Overview:

During lake sampling we often use a SmarTroll to collect depth integrated profiles. We do this by recording the readings from the SmarTroll on the iPad and emailing the file afterwards. The SmarTroll records time, depth, temperature, dissolved oxygen, pH, ORP, salinity, and conductivity every 10 seconds. We normally start with the SmarTroll at or near the top of the water column, and then slowly lower it to the bottom.

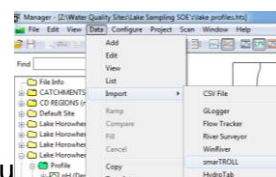
### Once the file has been emailed:

We store the files in the correct folder [\\ares\hydrology\Water Quality Sites\Lake Sampling SOE's\Lake name\tideda date.](#)

### Importing into Hilltop:

- 1) Open the correct Hilltop file [\\ares\hydrology\Water Quality Sites\Lake Sampling SOE's\lake profiles.hts](#)

- 2) Select the SmarTroll importer from the Data / Import menu
- 3) Tick Depth profiles, Select the SmarTroll Profile form, and make sure the agency is set to SmarTroll. Select your file to import then press "Go"



Read groundwater quality or depth profiles from a smarTroll handheld

☐ Groundwater Quality ☒ Depth Profiles

Filename: Z:\Water Quality Sites\Lake Sampling SOE's\Lake I

Form Name: smarTroll Profile

Agency: SmarTROLL

Go Cancel Help



Now your profiles are ready to view:

