Horizons Regional Council



Hydrology Operations Manual



Handheld Meter Calibration Form – Manual Checks

1. Overview:

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Horizon regional Councils (HRC) Discrete Water Quality Program requires the use of handheld meters to collect physio-chemical data on site. Such meters will be validated and calibrated in accordance with NEMS – Water Quality parts 1 through 4.

The relevant staff member completes the calibration and end of day checks of the handheld meter used for sample and data collection in duplicate paper form on the day. One of the Environmental Data Special Projects team members checks the top copies of the forms for omissions or errors and ensures these are rectified as soon as possible. These are then date stamped then digitally entered into the Provisional Archive: <u>\\ares\Environmental</u> <u>Archive\Provisional WaterQuality.hts</u> by an external contractor (refer to 15.9 Appendix 6 of the Hydrology Ops Manual).

2. Process:



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	Once completed by the sample staff member these forms are left for collection in the WQ lab.												
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4. Further Notes:

GENERAL NOMENCLATURE:

These general rules will apply to missing data that needs to be digitized:

- (i) Missing Data (i.e. temperature, calibration values): Leave **BLANK**
- (ii) Missing Time: enter 00:00:00

COMMENTS

Comments are to be digitized verbatim. If clarification etc. is needed contact either the staff member or the Discrete Water Quality Portfolio holder to confirm any details.

DISCARDED FORMS

Occasionally forms will be missed and left out of sequence. Prior to recycling the 'empty/used' calibration book the Discrete Water Quality Portfolio holder will check to ensure all 'white' top copies have been removed for digitization.

Out of sequence, blank forms will still need to be digitized. They should be marked as *DISCARDED* (or words to the affect) and be dated and signed. For such instances record:

- 1. Date: As per the date the form was signed or sampled
- 2. Staff member: If not stated put against the Discrete Water Quality Portfolio holder
- 3. SmarTroll #: if not stated confirm with the Discrete Water Quality Portfolio holder
- 4. Comments: Simply mark as *FORM NOT USED DISCARDED*. (Note if there is any other pertinent information include and this in the comments field also).
- 5. Date stamp the form.