ORP, BLUE GREEN ALGAE AND CHLOROPHYLL PROCESSING

1. COPY IN THE RAW DATA

Create a new batch number in the log sheet loader

Copy in the required files; audit.accdb and register.xlsx

Copy raw data from Original File

Copy the provisional WQ data across to (namely the Field results)

Copy all the data sources into the working Manager file (SiteName_Raw)

2. COPY THE RAW DATA TO THE WORKING FILE

Copy the Site_Raw to Working

Add the check data from the log sheets and WQ Field samples – NOTE: Blue-Green Algae values not entered, all '-1' or 'NULL' as lab samples measure different from what the sensor records

Populate the inspection register with the dates/times, Raw logger value, reference value, % deviation , Raw QC, and inspection comments

3. EDIT THE DATA

CONSERVATIVE EDITING – only remove spikes where they record above the sensor's range, where the spikes coincides with other data sources at the site (e.g. Turbidity, Chlorophyll, Blue-Green Algae) or where known the sensor has just been cleaned (has automatic cleaning every hour, would expect to coincide with other data sources).

All gaps or edits ≤ 1 hour in duration closed - filled with interpolated data

All gaps > 1 hour are to be left open as missing record and QC 100

Suspect data; Cautionary Comment, only delete if sufficient evidence that it is no good (be conservative!)

List out the Adjusted Logger Values to the Inspection register, and do the math's for the Final % variation

Copy the Working file to the Hilltop Site Name

4. COPY THE WORKING FILE TO THE HILLTOP SITE NAME

After discussion with DB, QC all the data 200, unverified cautionary (check the units between the logged and check data!)

Print out the URF Cover sheet

Print out the Register (not the Entire, continuous one, just with the inspections for period of processing)

Print out a graph of the period with the QC displayed

Print out the processing comments

Print the Raw and Final plot with the Audit VM on the second y axis