Area Management Agreement
for salmonid aquaculture in Macquarie Harbour
between

Huon Aquaculture Group Pty Ltd
Petuna Aquaculture Pty Ltd
Tassal Operations Pty Ltd

Schedule 4: Data to be collected and retained under the Macquarie Harbour Area Management Agreement

Version 1.0
December 2012
## Version history

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<th>Version #</th>
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1 Data collection requirements

The following data is to be collected by each party and submitted monthly, in an agreed format, to the AMA management officer.

### Production Data

- Total Biomass; (t/ha for each species/year class/lease) – start/end of month
- Total Fish No (each species/year class/lease) – start/end of month
- Stocking Density (kg/m3) (Average for each species/year class/lease)
- Stocking Density (kg/m3) (individual pens)
- Daily Mortality No. (mean for each species/year class/lease)
- Daily Mortality Categories (mean for each species/year class/lease)
- Summary of Fish Health Investigations/Sampling/Results
- Copy of Fish Health Laboratory Reports
- Summary of other unusual signs or behaviour in fish populations
- Monthly Feed Intake (total for each species/year class/lease)
- Medication treatments (medication, pens, dose regime, dates)

### Environmental Data

- Ambient Salinity (once daily/each lease/through a range of agreed depths)
- Ambient DO (AM&PM/each lease/through a range of agreed depths/at least 1 site (preferably upstream & downstream)) – well away from pens
- Ambient Temperature (AM&PM/each lease/through a range of agreed depths)
- Phytoplankton Results – agreed Macquarie Harbour sites/dates
- Water Quality Results – other – agreed Macquarie Harbour sites/dates (eg. nitrogen etc.)
- Benthic surveys (as occur)

In addition to the above production and environmental data required for monthly reporting, the following data must be recorded and retained by each party and made available to the FHWG on request by that group.

### Monthly FHWG Data

- In-Pen DO (AM&PM/individual pens (through a range of agreed depths)
- Daily Mortality No. (individual pens)
- Daily Mortality Categories (individual pens)
- Daily Feed Intake (total for each species/year class/lease)
- Daily Feed Intake (individual pens)
- Net Fouling Scores (individual pens)
- Net Cleaning Schedule
- Harvest procedures (pens & dates)
- Swim-thru procedures (pens & dates)
- Weight checks (pens & dates)
- Other handling procedures (pens & dates)
- Other incidents (e.g. shallowing of nets in high currents, bird strikes, seals etc.)

In addition, all data and reports submitted by each party to the Marine Farming Branch must also be provided, in confidence, to the AMA Management Officer for use by the FHWG as required.
2 Data flow map

The key data and information flow underpinning the operations of this AMA is shown below.