

## **Abalone Assist** **Environment Monitoring**

### Environment Monitoring Screen

This screen is used to capture most of the environment data you need to record against the container groups. There is a series of default parameters that are critical for stocking density, high mortalities, and disease control. Each of these default parameters have a matching parameter record where you can set the upper and lower critical limits and write a response to what should happen if this parameter exceeds the limits.

The screenshot shows a software window titled "Environment Monitoring". It has two tabs: "Details" (selected) and "Extra Info". The "Details" tab contains several input fields: "Company Name" (with a help icon), "Site Name", "Monitor Date" (set to 31/10/2005), "Container Group Name" (with a help icon), "Water Temp (am)", "Water Temp (pm)", and "Water Flow Rate (litre/min)". Below these is a section titled "Default Screen Parameters" with a yellow background. This section contains two columns of input fields: the left column has "02 AM", "Temp AM", "pH", "Ammonia", and "Nitrite"; the right column has "02 PM", "Temp PM", "Salinity", and "Nitrate". At the bottom of this section is an "Extra Parameters" button. The bottom of the window features a row of navigation buttons: "Save", "Find", "Delete", "Reset", "Print", "Refresh", "Cancel", "Help", and "Import". Above these buttons are four small icons: a key, left and right arrows, and a magnifying glass.

### Using your own environment parameters

This screen allows you to select your environment parameters such as oil leaks, bacteria growth, algae blooms etc.

### Monitoring Parameters

Site Name  ?

Monitor Date

Monitor Time

Parameters Name  ?

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Parameter Value Max

Parameter Value Min

#### Parameter Screen

This screen allows you to create your own parameters, and set a upper and lower critical limit to the values. You can also set your responses in what to do.

### Edit Parameter

Name

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Description

Start Range

End Range

Lower Optimum Range

Optimum End Range

Upper Critical Limit

Upper Response  >>

Lower Critical Limit

Lower Response  >>

Report Column No

Unit of measure

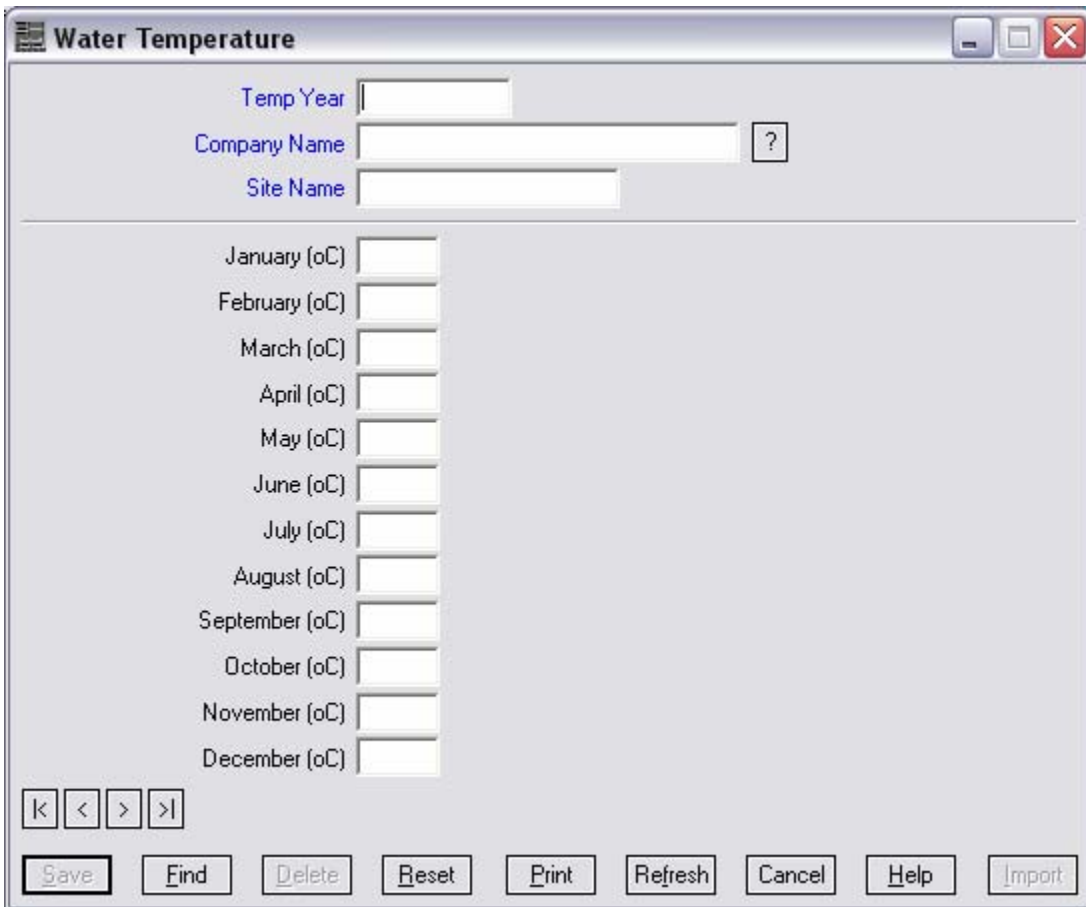
Monitoring Parameters:

Site Name	Monitor Date	Monitor Time	Tank Group

(0)

### Setting a default water temperature

This screen controls the growth forecasting in the system and is based on a Feed Conversion Ratio which is temperature based. In a recirculation tank based system the temperature would be the same all year round but for outside ponds then the temperature of the water would change for each month.



The dialog box is titled "Water Temperature" and contains the following fields and controls:

- Temp Year**: A text input field.
- Company Name**: A text input field with a question mark icon to its right.
- Site Name**: A text input field.
- Monthly Temperature List**: A vertical list of 12 months, each followed by a temperature input field in degrees Celsius (°C):
  - January (°C)
  - February (°C)
  - March (°C)
  - April (°C)
  - May (°C)
  - June (°C)
  - July (°C)
  - August (°C)
  - September (°C)
  - October (°C)
  - November (°C)
  - December (°C)
- Navigation Buttons**: Four small buttons labeled <K, <, >, and >I.
- Action Buttons**: A row of seven buttons: Save, Find, Delete, Reset, Print, Refresh, Cancel, Help, and Import.