

## **Melbourne Water Innovation Competition – Reducing Scope 1 Greenhouse Gas Emissions**

### **Responses to Questions Received between 14 November 2018 and 20 November 2018**

NOTE: Some similar questions have been consolidated into a single question and answer. A question has been held over while information is assembled.

#### ***Q 83. Are there any documents from the April workshop on emission reduction available?***

The outcomes of the April “Emission Impossible” workshop are summarised in the accompanying document: “Emissions Impossible Workshop - Summary.pdf” available on the website <http://www.melbournewater.com.au/innovation-competition>.

#### ***Q 84. The current status of our research means that we can only provide a basic economic analysis of our solution at this time. Is it still worth applying?***

Absolutely it is worth applying. This Innovation Contest is about identifying and developing ideas.

#### ***Q 85. What are the current methods used by Melbourne Water for telemetry which could be used to integrate monitoring sensors?***

Both the ETP and WTP have extensive instrumentation and data capture. Transmission of data from its acquisition point into the plant control systems is dependent on circumstance and uses a variety of media (radio, copper, optical fibre, etc) and transmission protocols (current loop, ProfiBus, Modbus, etc) Both the ETP and WTP utilise sophisticated computerised control, such that operation of the plants is largely automated. In addition extensive sampling is conducted on a daily, weekly and monthly basis for chemical and biological analysis. Historical data from control, instrumentation and sampling is stored and maintained in a data historian system.

Web Page: <http://www.melbournewater.com.au/innovation-competition>  
Email: [innovationcontest@melbournewater.com.au](mailto:innovationcontest@melbournewater.com.au)