

Appendix P

2009 Outlook Municipal Water Demand Forecast Model

P.1 2009 Outlook Municipal Water Demand Forecast Model Software

The Municipal Water Demand Forecast Model (Demand Model) described in Appendix L was created in a dynamic software application. CDM built the Demand Model using MS Excel (Office 2003). This platform was selected because it is familiar software to most people and can be easily populated and updated. Visual Basic was used to create simple management screens within the model such that users can select different demographic and weather scenarios. Visual Basic was also used to display results in easy to understand graphs. Formulas are displayed for transparency, as are the underlying demographic data. Certain cells of the model are protected so that the integrity of the model is preserved.