

Memorandum

To: PC-PUMP® Users

Date: December 20, 2007

From: PC-PUMP Team

cc:

C-FER File: R001000

Subject: Changes in PC-PUMP® V2.695

Message:

PC-PUMP V2.695 has the following changes over PC-PUMP V2.69:

- The variable “Fluid Rate (surface)” was renamed "Produced Fluid Rate (surface)" in the Analysis Inputs window to remind the user that the diluent rate is not included in the “Produced Fluid Rate (surface)” result.
- The filter in the Pump Selection window is now reinitialized to default values when a new file is loaded or created.
- The Calculation option in the Analysis Window is now retained after each calculation. Furthermore, within the Comparison Configuration windows (Pump, Equipment, and Batch), the program will now retain all settings (i.e. selected cases and filter settings) between calculations. These settings will be reset, however, if a new file is loaded or created.
- A check for program updates button was added to the status bar at the bottom left-hand corner of the program window. The button will only show when an upgrade is available and the user has the “Check for program updates on startup” option selected in the user preferences window.
- The Custom Pump window has improved functionality.
- PC-PUMP is not intended to calculate tubing wear caused by spin-through rod guides or couplings. If these are working properly, there is no tubing wear. A bug in previous versions of PC-PUMP, however, meant that spin-through rod guides were not properly detected, and therefore a tubing wear rate was reported. This has been fixed so that spin-through rod guides will have zero tubing wear reported. (The problem did not occur with spin-through couplings.)