Known Issues, SUMO24
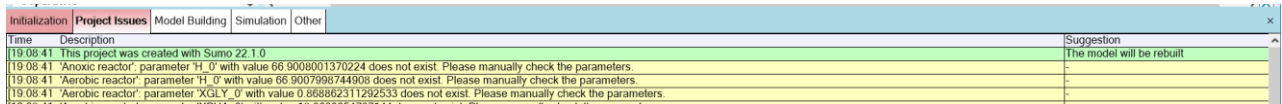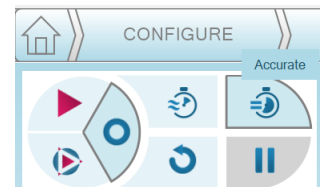
- Projects saved in previous Sumo versions with different initial concentration of
  - Enthalpy (H_0 to S_H_0),
  - Stored polyhydroxyalkanoates (X_{PHA}_0 to $X_{PHA,PAO}\_0$)
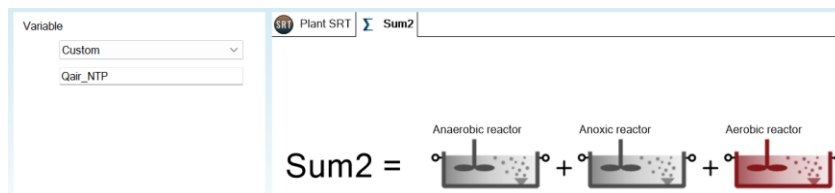 - Stored glycogen (X_{GLY}_0 to $X_{PHA,GAO}\_0$)

  is not loaded automatically in Sumo24 into the new symbol of initial concentration. You can update the values manually if they are different from default.

- In the case of biofilm units – MBBR, MABR, BAF, Granular SBR and trickling filter – we suggest using the Accurate solver settings at the Simulation control panel. The Fast setup might result in different results for inert and unbiodegradable particulate components in the bottom layer of the biofilm, showing more than 10% difference in composition.

- In some cases, the steady-state solution using the Fast solver setting for Sumo4N models might be a local solution. For sanity check we suggest running a dynamic simulation with DISABLED dynamic inputs and controllers with Accurate settings to check the stability of results.

- Units using arrays in the model – such as PFR, PFR segment, HPO and biofilm units – might be slower to simulate with pH calculation if the number of elements is larger than four.

- At the TOOLS tab using Custom variable symbol in a calculation needs to be changed carefully once the model was compiled and ran (see example below for Sumo of input airflow). In this case, the change of Qair_NTP to another accepted symbol will not trigger a model rebuild automatically. To trigger the required build, try to rename the Tab to a different name and the rebuild will be initiated.

- Some process unit attributes were modified and extended. Porting custom process units to 24 might need the accommodate these modifications to work properly. For further details look at our wiki page: https://wiki.dynamita.com/en/custom_code_update