|  |  |  |
| --- | --- | --- |
| **Setup Record JSON** | **AQUATOX Simulation Setup Parameters** | **Units** |
| FirstDay | First day of simulation for integration | DateTime |
| LastDay | Last day of simulation for integration | DateTime |
| StoreStepSize | Storage step size, units depend on | Days or hours |
| StepSizeInDays | If true, storage step size unit is days; if false, hours. | True or false |
| MinStepSize | Minimum step size if using adaptive step size integration | Double |
| RelativeError | Relative Error if using adaptive step size integration | Double |
| AverageOutput | Use trapezoidal integration to average previous time step if true; use instantaneous concentration at reported time interval if false | True or false |
| ModelTSDays | If true, the model solution time step is daily rather than hourly. | True or false |
| FixStepSize | Fixed step size in days | Days |
| UseFixStepSize | If True, use fixed step size in integration, if false use adaptive stepsize Runge Kutta | True or false |