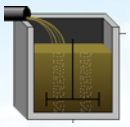
Introducing ...

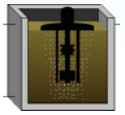
TOXCHEM™ 4.1

New Unit Processes

Sequencing Batch Reactor (SBR) - The new SBR unit allows users to define the various phases in the SBR cycle and estimates air emissions. The calculation algorithm integrates the emissions during the cycle and converts them to daily averages.

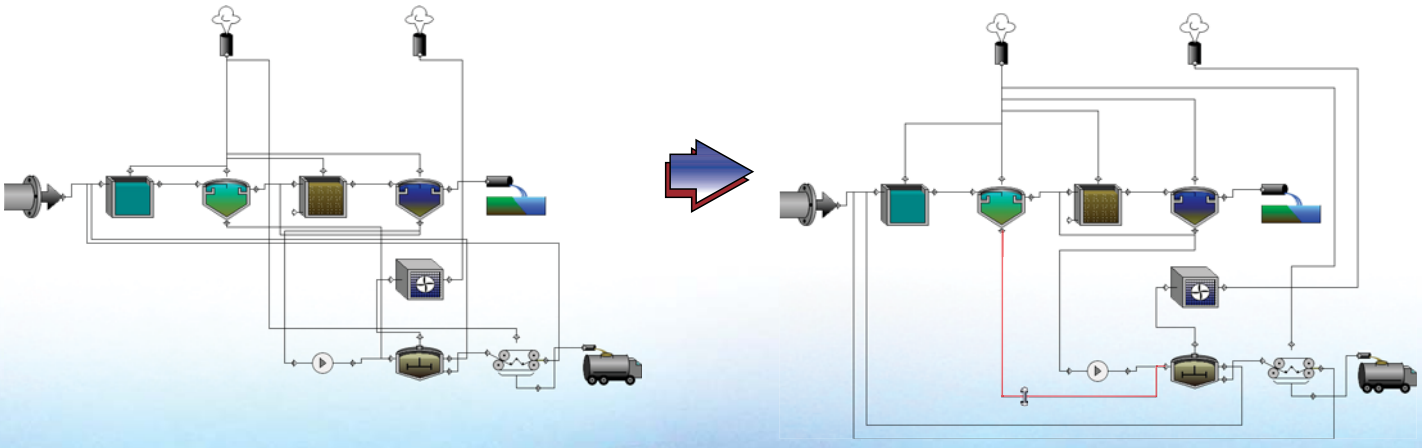


High-Purity Oxygen (HPO) - High Purity Oxygen Systems operate at higher oxygen transfer efficiencies and thus require lower gas flow rates compared to the conventional activated sludge processes (for the same loading rates). The new unit process will allow the users to evaluate the emissions from the two types of systems.



Enhanced Useability

Custom Connection Paths with Highlighting - Customize the unit process connection paths for cleaner layouts. Hovering the mouse over a connection path will cause it to turn red to better highlight the connectivity especially in larger layouts.

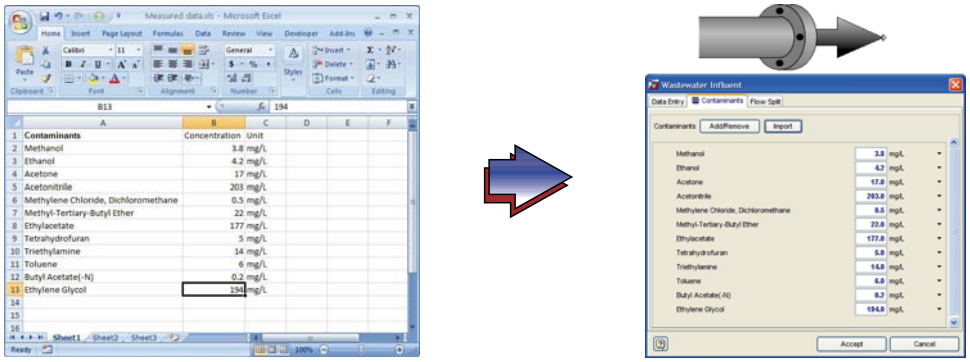


Available in May 2012

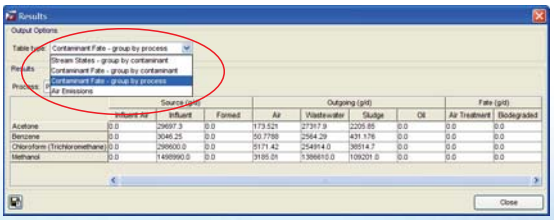
Quick View of Stream States - Right-clicking on a highlighted connection path will pop up a menu where you can quickly access the data associated with that stream.

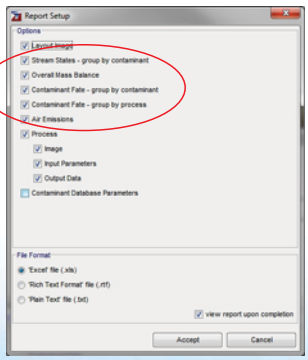
Expanded Input/Output

Influent File Import - This feature allows user to allow import contaminants and their concentrations from an Excel file. This is useful when conducting analysis for a large number of contaminants for which measurement data is stored in Excel file. This can save time versus manual data entry.



Outputs in Various Formats - View the results in several additional table formats within Toxchem and/or add the new tables to a report.





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