

# Membrane Cleaning Tips

First, you should always make sure that the machine is flushed out whenever it's going to be sitting idle or before cleaning. This removes the concentrated waste that remains in contact with the membranes at the end of each batch. Just fill a five gallon pail with water, put the pickup tube in the pail, and run the machine for a couple of minutes.

The process for cleaning the membranes is fairly simple. You should plan on cleaning the membranes whenever the permeate flow rate drops off by about 20 percent (compared to a newly cleaned membrane). Fill a five gallon pail with warm or hot water and membrane cleaner (either one cup of Liquid Detex™ or one-half cup of BioDetex™ or Detex-NS cleaner). Put the pickup tube in the pail along with the permeate tube so the permeate goes back to the pail. Set the timer switch to the one-hour cleaning position and start the machine. After the hour, the pail of dirty cleaner can be added to the next batch of waste to be processed.

Only experience will tell you how often you should clean your membranes. Everyone's waste is different, as is the rate at which membranes foul. Some users clean after every batch while others clean weekly. By cleaning your membranes before they become too heavily fouled, you extend their useful life. Properly maintained membranes should last twelve to eighteen months in most applications.

Questions?

Call Pete Hessinger at (716) 741-8381