

## **MSD requirements for a single daily batch discharge tank for process wastewater**

1. On a routine basis, the tank has no more than one discrete discharge in a given day. The discharge is completed during normal working hours of the business day (all exceptions must receive prior approval by MSD).
2. The tank is completely mixed during discharge (the mixer must be submerged at all times - air mixing is preferred).
3. The tank is discharged at a reasonable rate over a period of time so a grab sample can be collected, slow enough to minimize slug loading of the sewer system, yet with enough flow to prevent obstruction due to settling solids.
4. The Company records the pH, temperature, volume, date, start and stop time of each discharge, and the name of the operator.
5. The Company arranges a discharge schedule with MSD or provides 48-hour notice for each discharge. Representative samples are collected during the discharge from the effluent flow.
6. Representative grab samples of each and every discharge checked by meter for pH are considered equivalent to continuous pH monitoring. A separate record of pH meter calibrations must be maintained and available for MSD review upon request.
7. MSD's flow proportioned composite sampling requirements are satisfied by representative grab samples collected from the discharge of a well-mixed batch tank with a known volume.
8. The Company must provide a monitoring location on its sewer tap that is accessible to MSD monitoring crews twenty-four hours a day and seven days a week.
9. The Company must obtain approval from MSD prior to installation of the batch discharge system.