



Metropolitan Council Environmental Services

Guidelines for SAC Volume Study

- Contact the MCES Engineer administering your permit before starting the wastewater volume study option. Special conditions, other than those specified in these guidelines, may apply to your facility.
- The wastewater volume study shall consist of a minimum of 30 operating days of actual, or estimated discharge volume data acquired through the use of incoming water meter(s) and/or from a wastewater flow measuring device(s).
- The volume study may be conducted at any time, but **results must be submitted to MCES no later than 60 days prior to permit renewal.**
- Deduct meters, such as lawn sprinkling, evaporation, and product uses that exist at the facility, shall be included in the study as water losses. If these losses cannot be accounted for by meter, the Permittee shall submit to MCES engineering calculations estimating these losses, and/or conduct flow measuring of the losses at an MCES approved location.
- All supporting information used to determine the actual, or calculated daily wastewater flow volumes shall be submitted for each day of the study. Also, indicate the daily activity taking place at the facility during the study (e.g. full operation, cooling water, clean up).
- Please account for any unusual events, such as a spill, or batch discharge, that occurred during the volume study time frame.

The results of this study shall be submitted to MCES 60 days prior to permit renewal. MCES staff will determine a SAC equivalent based on the average of the 30 daily wastewater discharge volumes. MCES reserves the right to conduct additional discharge volume monitoring if deemed necessary.

Send to: Metropolitan Council Environmental Services
Industrial Waste & Pollution Prevention
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St. Paul, MN 55101-1805