

Closed Hydronic Systems & Cooling Towers Cleaning & Flushing

Guidance Document for Campus Users and Contractors

Non-Cleaning Solution Discharges

- Flush water from different systems and towers may be discharged concurrently to the Urbana and Champaign Sanitary District (UCSD) sewers if:
 - ✓ No cleaning agent is used.
 - ✓ The system did not or does not contain glycol.
 - ✓ A mechanism is in place to prevent solids from entering the sewer.
- May occur during the week and on weekends.
- If the system contains or formerly contained glycol, refer to the Closed Hydronic Systems/Cooling Towers Draining guidance document. A Special Discharge Request may be required for these types of discharges.

Cleaning Solution Discharges

- Approved cleaning agents:
 - ✓ Nalco 2567
 - ✓ Nalprep 8349
- May begin discharge to a sanitary sewer Monday-Thursday.
- Discharge on the first day must begin at or near 8:00 am.
- Maximum daily discharge rates are 50 gpm and 20,000 gpd.
- Combined daily discharges from all projects cannot exceed 20,000 gpd.

Notification of Discharges

- Notify Environmental Compliance prior to discharges that do not meet the requirements listed above. A Special Discharge Request may be required.
- Discharge rates must not exceed the limits of the sewers and/or pump stations. Significant rainfall events may limit discharge rates. Notify Environmental Compliance for prior approval in these circumstances.

Prohibited Discharge

• Cleaning and flushing water solutions <u>cannot</u> be discharged to the storm sewer system.

^{*} A Special Discharge Request may be required if any other cleaning agents are used or if other chemicals not typically found in the system are being discharged.