



## Manufacturer's Recommendations For Use Of C.I.Agent Solutions EVAC Filtration System

Follow Utility/Company procedures regarding vault water inspection and appropriate use of  
C.I.Agent Solutions EVAC Filtration System

### INSPECTION

All vault pumping operations should be preceded by a visual inspection of all equipment to be used as well as an inspection of the vault water to be pumped. The inspection should include:

**Vault Water** (per company policy): The EVAC Filtration System is designed to handle sediment and light sheen. Under no condition should more than a light sheen be pumped through the EVAC Filtration System.

**Pump:** The pump should be inspected for physical damage, cut or chaffed cables, and debris at the inlet or outlets. If using a hydraulic pump, make sure the hydraulic seals are in good working order and not leaking. Leaking pump seals can quickly fill the EVAC Filtration System and oil will begin to leak from the Filter.

**Hose:** The operator should ensure he has sufficient hose in good working order to reach from the pump to as near the storm drain as possible. The hose(s) should be inspected for cuts, pin holes or chaffed sections that could weaken under pressure and leak unfiltered water onto the street and/or down into the storm drain. The hose should be checked at the fittings for tight seals and solid fittings/connections. This inspection should include all gasket/fitting seals.

**EVAC Filtration System:** The EVAC Filter should be inspected to ensure it is in good condition, i.e., no tears, banding is secure, and fitting is not cracked. If any of the components do not work properly the filter system will not perform properly.

### INSTRUCTIONS FOR USE

- In cold weather, do not use EVAC Filter if frozen – thaw in warm water.
- Optimum performance of the EVAC Filtration System is at 10psi and 150 GPM. The System has been tested to 40psi and 500 GPM without failure.
- Lay EVAC Filter flat on the ground as close to storm drain as possible.
- Do not stand or jump on EVAC Filter.
- Lower pump into vault until it is about a foot (12 inches) above sediment for majority of pumping operations.
- Visually monitor EVAC Filter during pumping.
  - The Hydrocarbon Detection Strip on the EVAC Filter will turn dark when the Filter has reached maximum oil capacity. Always watch for Sheen.
  - Reduced flow indicates EVAC Filter is filling with sediment.
- After pumping operation is complete:
  - Turn off pump and remove from vault taking care to NOT allow dirty pump to drain onto street or surface ground.
  - When disconnecting the hose(s) take care to NOT allow dirty water to drain onto street or surface ground.
  - When hose(s) is disconnected from pump, roll hose(s) towards EVAC Filter continuing to push all water through the filter.
  - Once the hose(s) is rolled up, disconnect from filter, elevating the open end of the EVAC Filter as to not allow water to fall out of end of fitting on to the street or surface ground.
  - Place EVAC Filter back in UN Certified Pail and secure lid to contain contaminates.