



Best Management Practices *for* Dry Cleaners

Water Quality Concerns for Dry Cleaners

Perchloroethylene (PCE) is a commonly used dry cleaning chemical that can pose a risk to human health. PCE is highly mobile in soil and concrete, and can pass through the District's wastewater treatment plant without being removed. Therefore, it is illegal to put any quantity or concentration of PCE in the wastewater collection system.

Enforcement of BMPs

The Napa Sanitation District's Code states in Section 4.04.090 that in lieu of a wastewater discharge permit, the District may develop BMPs that serve as an enforceable control mechanism for prohibited wastes. The BMPs below are listed as "required or recommended." Required actions will be assessed when an NSD inspector visits your facility.

By following these BMPs, you should be able to avoid costly hazardous waste clean-ups due to PCE spills and pass inspections by the NSD Inspector.

Inspections by Napa Sanitation District

Dry cleaners are inspected on average every two years by an NSD Inspector to insure compliance with our ordinance and to prevent wastewater collection system problems. When the inspector visits, he/she will need to review your solvent storage area to insure that there are no active connections to the sanitary sewer. The District has the right at any time to pull a water sample to check for compliance with the local limits¹ in the code.

Questions?

If you have any questions, please contact the Napa Sanitation District Inspector by calling 707-258-6000. These BMPs are also available on our website at www.napasan.com.

¹ Local limits are technically based, defensible numerical limits imposed on industrial users by the District. The local limits are set for toxic pollutants that can interfere with the treatment process or pass through the treatment process without being removed. Local limits can be found in the District's code online at www.napasan.com.

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NAPA SANITATION DISTRICT
Best Management Practices for Dry Cleaners

The following Best Management Practices are **REQUIRED**:

These BMPs will be enforced through regular inspections by NSD Inspectors.

Disposal

The discharge of perchloroethylene (PCE) and its breakdown products, including wastewater from PCE/water separators, still bottoms (muck) or other wastes containing PCE **to the sanitary sewer is prohibited.**

- All wastes containing PCE, including water containing low concentration PCE, shall be disposed of as a hazardous waste by a waste hauler that is permitted by Napa County Environmental Management.
- Waste dry cleaning solvent filters and/or sludge (muck) shall be collected, stored, and transported as a hazardous waste.
- All condensate wastewater shall be either treated by evaporation or removed by a licensed waste hauler. The evaporator carbon filters shall be managed according to State hazardous waste regulations.
- A file documenting all waste hauling activity, including receipts and manifests, shall be maintained on site for a minimum of three years .
- The disposal of any dry cleaning non-contact cooling water to the sanitary sewer is strictly prohibited.

Storage

Good housekeeping practices shall be implemented in all production and storage areas to ensure no spills or leaks to the sanitary sewer.

- Equipment containing PCE and unused/stored PCE shall be double-contained or removed from areas where spills to floor drains, sumps or other connections to the sewer system might occur.
- Floor drains are only permitted in restrooms and/or boiler rooms (for boiler blowdown to the sewer), provided that the floor drain is separated from the service area and there is no potential for hazardous wastes or chemicals to enter the sewer system.
- All storage containers shall be appropriately labeled and visible. Lids on PCE storage containers shall be securely fastened at all times except at the time of transferring waste products into the container.
- Material Safety Data Sheets (MSDS) for all chemical products used on site will be checked by the NSD Inspector.

The following Best Management Practices are **RECOMMENDED**:

- PCE shall be stored in a protected area away from extreme temperatures.