Proposed Rule for Control of Perchloroethylene from Dry Cleaning in Philadelphia

Air Management Services

June 24, 2010

Key Dates

- September 4, 2007 – APCB directs AMS to draft a regulation to control Perchloroethylene.
- March 5, 2009 – Draft Regulation is not passed by APCB.
- February 16, 2010 – APCB directs AMS to redraft the regulation based on the recommendations of the Ad Hoc Committee.
- June 16, 2010 – Ad Hoc Committee makes recommendations to APCB for the final draft.

For All Dry Cleaners

- All dry cleaners must obtain operational licenses to operate PERC dry cleaning equipment.
- Self service PERC dry cleaning machines (operated by members of the public) are prohibited.
- All dry cleaners may not vent exhaust from PERC dry cleaning machines into the dry cleaning facility.
- Other various required operating practices, repair/leak detection procedures, and record keeping requirements.

For All Dry Cleaners (cont'd)

- All dry cleaners must obtain permits to install or modify PERC dry cleaning equipment.
- All dry cleaners with existing PERC dry cleaning equipment must apply for permits within six months of the effective date of the regulation.
- Must meet certain buffer and ventilation requirements within 12 months of the effective date (time frame extended from 6 months to 12 months).

Stand-alone Dry Cleaners

- Dry cleaners must install new (e.g. 4th or 5th generation) PERC dry cleaning machines equipped with various control devices within 2 years of the regulation's effective date.
- No air monitoring requirements.

Co-Residential/Sensitive Dry Cleaners

- After Dec. 31, 2013, Perchloroethylene will be prohibited in dry cleaning facilities that are adjacent to residential or sensitive facilities.

Co-Commercial Dry Cleaners

- New/changed provisions:
  - Co-commercial dry cleaning facilities may apply for an exemption from this ban by July 1, 2013.
    - Must monitor the airborne concentration of PERC in adjacent commercial facilities on a quarterly basis.
    - Airborne concentration of PERC in these adjacent facilities must remain at or below 40 ppb.
    - Facilities will be required to self-monitor within one year of the effective date.

For Dry Cleaners seeking to use other Dry Cleaning Solvents

- New Provision:
  - n-Propyl Bromide is banned as a dry cleaning solvent.

Next Steps

- APCB will vote on the draft regulation.
- If passed:
  - The regulation will be approved by Law and filed with the Department of Records.
  - The regulation will go through a 30-day public notice and comment procedure.
  - A public hearing will be held if requested.
  - Any comments will be addressed and presented at the next APCB meeting.
  - If no comments are submitted, the regulation will become effective 30 days after they were filed with the Department of Records.