

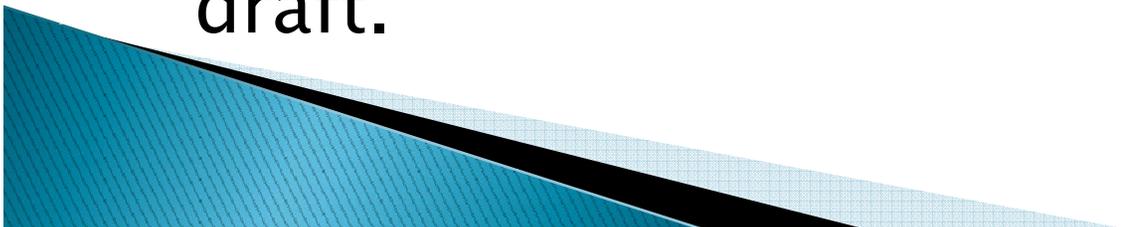
Proposed Rule for Control of Perchloroethylene from Dry Cleaning in Philadelphia

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.

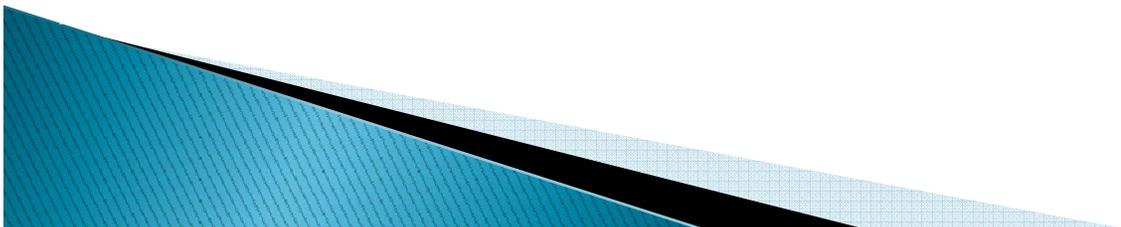


For All Dry Cleaners

- ▶ 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.
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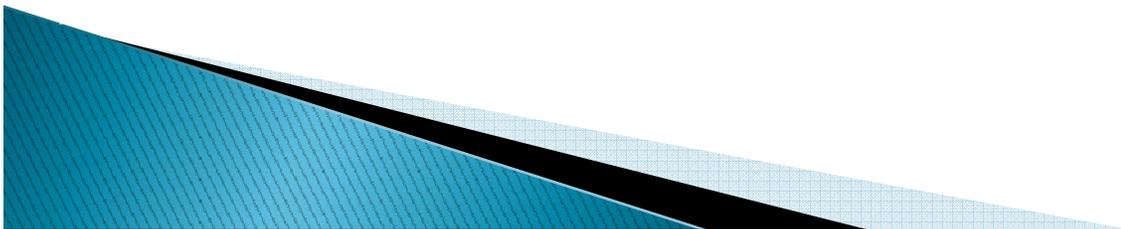
For All Dry Cleaners (cont'd)

- ▶ 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).



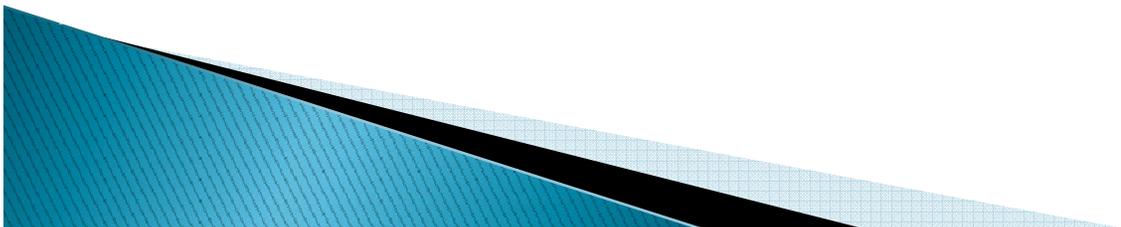
Stand-alone Dry Cleaners

- ▶ 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.



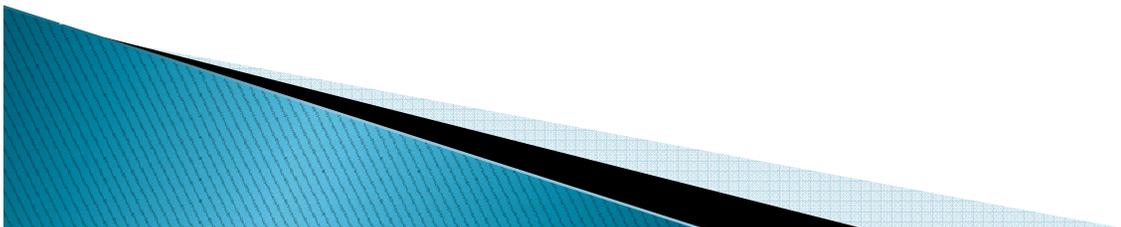
Co-Residential/Sensitive Dry Cleaners

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



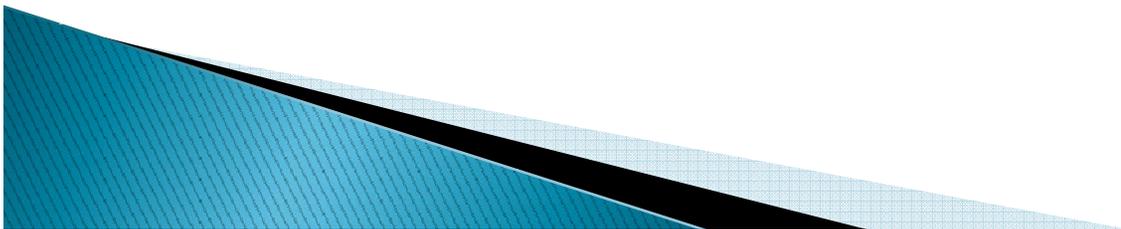
Co-Commercial Dry Cleaners

- ▶ 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.
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