

# Introduction

The Iowa Waste Reduction Center (IWRC) at the University of Northern Iowa has provided environmental services including business assistance, industry training, as well as research and development for nearly 25 years. Since inception, the center has conducted over 3,600 on-site reviews in all 99 Iowa counties and as a result has become a national leader in small business environmental assistance. The IWRC works with dry cleaning facilities providing environmental on-site assistance offering recommendations for air, hazardous waste, wastewater, and solid waste compliance issues.

For additional information, contact the IWRC by phone 800-422-3109, or visit [www.IWRC.org](http://www.IWRC.org).

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Blog: [www.iwrc.org/blog](http://www.iwrc.org/blog)

The Iowa Air Emissions Assistance Program (IAEAP) at the IWRC, supported by the Iowa Department of Natural Resources (DNR) is pleased to present the Dry Cleaner Compliance Manual. The purpose of this manual is to help Iowa dry cleaning facilities using perchloroethylene, petroleum solvents, or alternative solvents understand and comply with state and federal regulations. The manual is to be used in conjunction with the Environmental Recordkeeping Calendar for Dry Cleaning Facilities. Electronic copies of the Compliance Manual and the Recordkeeping Calendar can be found on the IAEAP website at <http://iwrc.org/services/iaeap/dry-cleaning/>.

The use of hazardous chemicals in the dry cleaning process, including perchloroethylene (commonly known as perc), petroleum solvents, and even alternative solvent-based cleaners can pose safety and environmental concerns if not managed appropriately. In an effort to minimize these concerns state and federal regulations are in place that may apply to your facility. These regulations have been developed to ensure your business operations will not unexpectedly harm the environment or individuals.

This manual is organized into three sections; one for each of the most commonly used types of dry cleaning chemicals.

Section 1: Perchloroethylene-Based Dry Cleaning Systems

Section 2: Petroleum Solvent-Based Dry Cleaning Systems

Section 3: Alternative Solvent-Based Dry Cleaning Systems

Each section will cover the applicable requirements to comply with regulations for air quality, hazardous waste, and wastewater for the specific type of cleaner being used.