



# Data Quality Activities Implemented by EPA's Toxics Release Inventory Program

## An Overview

November 3, 2010



# TRI Data Quality Activities -- Prior & During Submission

- Technical Guidance Documents
- TRI Information Center
- Central Data Exchange Hotline
- TRI Frequent Questions Database
- TRI-ME Web Validations
- Direct Assistance from EPA Staff
- Other Support



# TRI Data Quality Activities -- After Submission

- Central Data Exchange and TRI Data Processing Center Checks Format, Double Keying<sup>+</sup> & Duplicate Submissions<sup>+</sup>
- Facility Data Profiles
- Annual Data Verification Calls
- Revisions & Withdrawals
- Notice of Technical Errors & Notice of Significant Errors
- States Reconciliation
- Data Quality Inspections

+ -- Mostly Applicable to Paper Reports



# Timeline for Certain TRI Data Quality Activities

- April - August
  - Central Data Exchange / TRI Data Processing Center Data Quality Efforts
  - Electronic Facility Data Profiles
- July
  - Annual Data Verification Calls
- August
  - State Reconciliation
  - Notice of Technical Errors and Notice of Significant Errors



# Guidance Documents

- Industry-Specific
  - Food Processing
  - Semiconductor
  - Printing and Publishing
- Chemical-Specific
  - Dioxin and Dioxin-Like Compounds
  - Hydrochloric Acid Aerosols
- General
  - Reporting Forms and Instructions



# TRI-ME Web Data Quality Validations

- Automated Front-End Validations
  - Field-Level Validations
  - Batch-Level Validations
  - Data Quality Alerts
  - Comparisons Across Sections of Form R



# Data Verification Calls

- Engineering Analysis
  - Industry-Specific
  - Chemical-Specific
- Increasers / Decreasers Analysis
  - Major Changes in Release and Other Waste Management Quantities in Certain Sectors
- Other Data Quality Checks
  - Comparing Sections 5, 6 and 8 Data
  - Volatile Organic Compounds
  - Schedule 1 and Reporting Order for Dioxin and Dioxin-Like Compounds



# Contact Information

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