COMMON MEASURES PROJECT OVERVIEW

- **Project States:** CO, CT, ME, MA, NH, NY, RI, VT, WA
- An effort to develop and implement common measures for evaluating the overall effectiveness and efficiency of different state compliance assurance strategies within specific industry groups.
- This project will enable states to compare the environmental performance of the selected groups across project states

PROJECT OUTCOMES

- States have selected two groups to measure: SQGs and Auto Body

- States have developed a set of common environmental performance indicators for SQGs and Auto Body

- States will collect and report data on those indicators

- An environmental performance index score will be established in each state for each group (comparisons of individual indicators also)

- The compliance assurance and performance enhancement strategies will be reported and compared to the index scores

State Methodologies for Auto Body Universe Identification

EXAMPLE APPROACHES INCLUDE:

- Use of phone books
- Web-based searches including yellowpages.com
- Manifest System / Review of hazardous waste shipment data
- List from OSHA
- List from Auto Body Associations
- List from Dept. of Business Regulation's Licensee Program
- List from Department of Motor Vehicles
- Use of Electronic Business Databases by SIC and NIAC codes, e.g. Info USA, Dunn and Brad Street

Common Measures
Auto Body Sector

• *The Common Measures Auto Body Sector is defined as any commercial or academic motor vehicle operation involving collision repair, vehicle painting, paint stripping or sanding, body work, antique restoration, or student training on any on these areas, where the work is performed inside a building or structure.*

State Decisions on Applicability: (Auto Body Sector)

- Exclude non-commercial activities, e.g., home hobbyists.
- Focus on shops where the work is performed inside of a building or structure, e.g., no outside painting or vehicle washing.
- “Motor vehicle” operations only – exclude shops that work solely on large mobile equipment
- Use federal definition for “motor vehicle”

Selecting Auto Body Indicators: Multi Media Approach

- Air Indicators – alignment with the proposed EPA paint striping and miscellaneous coatings rule
- Hazardous Waste Indicators – using same indicators as the Common Measures SQG sector
- Industrial Waste Water – excludes sanitary
- Pollution Prevention Indicators

Examples of Common Measures
Auto Body Indicators

Air

- Are all spray-applied coatings applied using an HVLP spray gun or an equivalent high transfer efficiency technology?

Hazardous Waste

- Are all hazardous waste containers in good condition, (i.e., free of severe rusting or apparent structural defects, and not leaking)?

IWW

- Does the facility discharge industrial wastewater to surface water, a sewer system or ground water, and if so, is it in compliance with state requirements / standards for discharges.

P2

- Has the facility taken one or more actions to reduce toxics over the past three years? Check all that apply (list provided to states)

Data Quality Standards

- Auto Body Training Workshop for Field Staff
  - Review of final indicators and compliance verification strategies (January 31st)
- Use of a Common Auto Body “Inspector” Checklist
- Statistical Methods for Data Collection
  - Sample size to benchmark performance based on universe size and common confidence intervals
- Certification to Data Quality Standards
  - Individual state sign-off

What States Learn Under the Project

- **H**ow to make choices about groups,
  - e.g., single medium vs. multi-media, existing vs. new sector, known universe, common definitions, problem sector
- **H**ow to identify data quality issues,
  - e.g., bias, precision, sensitivity, representativeness, new data versus old data
- **H**ow to select indicators
  - e.g., regulatory, beyond compliance (P2), outcome based
- **H**ow to select an effective sample size,
  - e.g., minimum number of inspections per universe size within an agreed upon confidence level
- **H**ow to collect data,
  - e.g., inspectors asking and answering questions the same way
- **H**ow to use statistics to interpret and report data results

Anticipated Project Results

- Illuminate the nature, scope and seriousness of problems within each selected group
- Quantify environmental performance in the selected groups
- Create baseline to allow measurement of group environmental performance changes over time
- Facilitate general comparisons of the effectiveness and efficiency of different state compliance assurance strategies within the same group
- Enable states to better focus their limited resources on specific problem areas to achieve the greatest environmental results.

WHAT IS THE FUTURE VISION OF THIS PROJECT?

•The use of ERP-type performance measurement is used broadly and routinely to make environmental program priority and resource allocation decisions.

•The use of ERP-type measurement is used to look within and beyond an individual state to identify and adopt the most effective and efficient environmental performance improvement strategies for the groups we are responsible for regulating (or influencing).

For More Information on the Common Measures Project Contact:

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http://www.newmoa.org/hazardouswaste/measures/