

## EXAMPLE LOGIC MODEL: MICHIGAN ENVIRONMENTAL RESULTS PROPOSAL FOR DRY CLEANERS STATE INNOVATION GRANT

### Inputs/Activities

#### Inputs:

- Michigan personnel engaged in ERP program

#### Activities:

- Establish performance measures for dry-cleaning sector.
- Identify the universe of regulated dry cleaners (perc and petroleum solvent sources).
- Prior to ERP, conduct inspections at random set of dry cleaners to establish baseline performance.
- Work with EPA Region 5 to determine how ERP project interfaces with Title 5 requirements.
- Provide technical assistance to all dry cleaners in sector through workbooks and workshops.
- Conduct targeted and random inspections of dry cleaners to determine changes in performance and compliance status.
- Evaluate sector and facility performance using the results of the self-certifications and inspections.
- Revise compliance assistance, inspection protocols, and level of oversight accordingly.

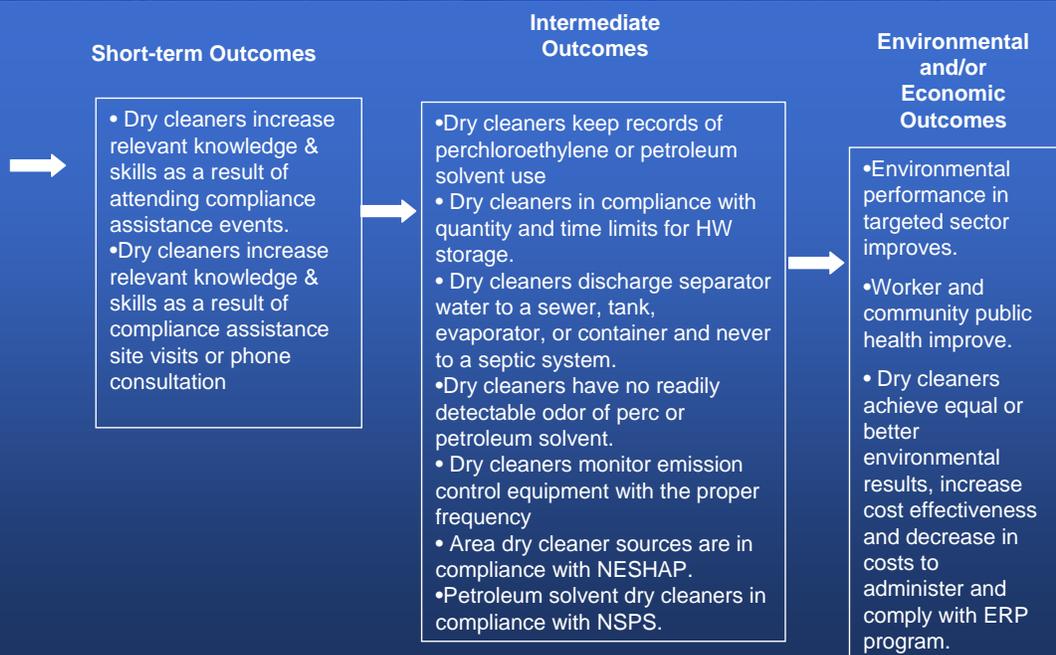
### Outputs

- Compliance assistance materials distributed to dry cleaners.
- Workshops and trainings conducted.
- Compliance assistance site visits conducted and phone calls processed.
- Stakeholder groups involved in process.

### Customers Reached

- Dry cleaning facilities

## EXAMPLE LOGIC MODEL: MICHIGAN ENVIRONMENTAL RESULTS PROPOSAL FOR DRY CLEANERS STATE INNOVATION GRANT



## EXAMPLE PERFORMANCE MEASURES: MICHIGAN ENVIRONMENTAL RESULTS PROPOSAL FOR DRY CLEANERS

### Inputs/Activities

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- FTE & \$\$

#### Activities:

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- Evaluate sector and facility performance using the results of the self-certifications and inspections.
- Revise compliance assistance, inspection protocols, and level of oversight accordingly.

### Outputs

- Number of compliance assistance materials distributed to dry cleaners.
- Number of workshops and trainings conducted.
- Number of compliance assistance site visits conducted and phone calls processed.
- Number of stakeholder groups involved in process.
- Number of individual stakeholders identified by affiliation (group or independent).
- Extent of stakeholder involvement (qualitative measure).

### Short-term Outcomes

- Number (%) of dry cleaners with increased relevant knowledge and skills as a result of site visits, consultation, or attending compliance assistance events.

### Customers Reached

- Number (%) of dry cleaners participating in program.
- Number (%) of dry cleaners attending events or requesting compliance assistance site visit or phone consultation.

## EXAMPLE PERFORMANCE MEASURES: MICHIGAN ENVIRONMENTAL RESULTS PROPOSAL FOR DRY CLEANERS

### Intermediate Outcomes

- Increase in the number (%) of dry cleaners keeping records of perchloroethylene or petroleum solvent use
- Increase in the number (%) of dry cleaners in compliance with quantity and time limits for HW storage.
- Increase in the number (%) of dry cleaners that discharge separator water to a sewer, tank, evaporator, or container and never to a septic system.
- Increase in the number (%) of dry cleaners with no readily detectable odor of perc or petroleum solvent.
- Increase in the number (%) of dry cleaners that monitor emission control equipment with the proper frequency
- Increase in the number (%) of area dry cleaner sources in compliance with NESHAP.
- Increase in the number (%) of petroleum solvent dry cleaners in compliance with NSPS.

### Environmental and/or Economic Outcomes

- Measured improvements in targeted sector-specific environmental performance measures.
- Measured improvements in worker and community public health.
- While achieving equal or better environmental results, increase in cost effectiveness measured by decrease in hours required by State to administer and facility to comply with ERP program compared to conventional regulatory or permitting program.

### EPA Strategic Plan 2003-2008

**Goal 1: Clean Air and Global Climate Change**  
*Objective 1.1 Healthier Outdoor Air by attaining and maintaining air quality standards and reducing risk from toxic air pollutants with target of:*

- Reduce VOCs by 1.7 million tons (Sub-objective 1.1.1: More people breathing cleaner air).

**Goal 2: Clean and Safe Water**

*Objective 2.2: Protect water quality with target of:*

- Attain water quality standards in over 25% of water bodies (Sub-objective 2.2.1: Improve water quality on a watershed basis)

**Goal 3: Land Preservation and Restoration**  
*Objective 3.1: Preserve Land*

- Manage hazardous waste properly (Sub-objective 3.1.2)

**Goal 4: Healthy Communities and Ecosystems**

*Objective 4.1: Prevent and reduce chemical risks to humans, community, and ecosystems.*