

ACTIVITY: MnTAP POLLUTION PREVENTION/ENERGY EFFICIENCY ASSISTANCE FOR PAINTING OPERATIONS (REGISTRATION PERMIT HOLDERS)

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Impact/Benefit

- Emission reductions from that type of source:

(While it is not necessary (and may not be possible) to quantify the emission reductions, quantitative estimates may be more useful than purely qualitative estimates (large, medium, or small.))

Possibly a 50 percent emission reduction from auto/industrial painting, if implemented.

- Number of similar sources (large or small number):

(For example, there are a lot of vehicles in the communities, but probably a relatively small number of outdoor wood boilers).

Autobody – five (5) shops

Industrial painting – six (6) shops

- Severity of the impacts to be mitigated:

VOC and HAP emissions are largely toluene, xylene, MEK, MIBK; not so much a health hazard; VOCs as an ozone precursor may be more of a concern.

- Visibility of the impacts:

(For example, the unique paint jobs of hybrid buses make them more visible, whereas clean diesel buses produce significantly fewer emissions than standard buses but are less visible.)

Little visibility for helping small businesses reduce VOC and HAPs.

Plan

- Outreach letter to 15 auto/industrial painting shops (pollution prevention/energy efficiency)
- Follow-up call to schedule site visit/provide information and assistance
- Conduct site visit/provide information

Follow-up:

- Document potential and actual reductions
- Draft case studies

Implementability

- General feasibility (easy, difficult):

Easy to conduct pollution prevention/energy efficiency assessments; a challenge to get businesses to implement

- Cost of implementing (financial and labor)

Don't know

- Need for additional funding, list of possible funding sources:

MnTAP will conduct assessments free of charge. Loan/grant opportunities for new technology/equipment to be purchased/installed.

- Recommendation on how to and who should pursue funding:

Don't know.

- Labor required and available to implement activity (volunteer or professional labor):

MnTAP staff will conduct assessments.

- Timeframe to implement (one-time or on-going):

Assessments can be conducted anytime in 2009.

Ripeness for action

This activity can be initiated immediately

yes/no

This activity needs funding

yes/**no**

Funding for the activity can be secured immediately or soon

yes/no

Recommendation

Implement as soon as possible:

(Implement as resources are available or do not implement)

Resources are available to implement this now.