

**Interagency Pollution Prevention Advisory Team (IPPAT)**  
**April 19, 2007**  
**Meeting Summary**

**Introductions**

All present introduced themselves and their agency affiliations.

**Announcements:**

Linda reminded members that they can find copies of the Governor's Awards and MNGreat! on the PCA's web page at <http://www.pca.state.mn.us/oea/lc/ippat.cfm#mnngreat>. If you prefer a hard copy of Governor's Award booklet contact Linda Countryman.

**IPPAT History**

Paul Moss, the original coordinator of the IPPAT, gave some history of the origin and mission of the group (see fact sheet handed out). He explained that the 1990 Pollution Prevention Report review and recommendations included the concept of an executive order to institute an inter-agency pollution prevention advisory team (IPPAT). The then Office of Waste Management followed up on this recommendation to create such an executive order (EO #99-4). The actual IPPATeam formed in 1991 and was based on multi-agency consensus to form a group.

Paul offered congratulations on its perpetuation and maintenance, and for succeeding for ten years. He noted especially that all succeeding governors have continued to re-up the original executive order--helping to increase IPPAT's accomplishments. He stressed that this success is due to the efforts at the agency staff, or the IPPAT member level as opposed to agency officials.

Linda noted highlights of the group's evolution over 10 years including accomplishing greater pollution prevention, capturing more and more measurable data, and of course adding the MNGreat! Awards program so that agencies could get more visible recognition for their efforts.

**MnGREAT! Award Highlights**

Colleen Hetzel, award program coordinator, played a video that summarized the awards, especially for those who could not attend annual Minnesota Air, Water Waste Environmental Conference in February. There were 13 winners. This video can be viewed at <http://www.pca.state.mn.us/oea/lc/ippat.cfm#mnngreat>

The MPCA has created a group to evaluate the Governor's Award Program. Customer research is being done, including interviews with past applicants and award winners. Emergency changes will be made to the program this year but otherwise will remain the same until the group has had time to evaluate the program and make the appropriate changes. Colleen will continue to update the group on the progress being made.

**Paper Reduction**

Madalyn Cioci introduced herself as temporary PCA staff who will work on paper reduction with all agencies. She'll be in touch with members and encouraged all to be sure to use her services while she's here.

Emily Presented data slides on paper reduction from 2005-06. *(See slideshow included in email)* She will include MNSCU separately because the University system has very different populations and operations.

She stressed that the one of the key questions for next year in IPPAT should be "Are we OK with current numbers and efforts?"

Angie Bourdaghs commented that behind the scenes she is piloting purchase of 100% recycled content printing and copying paper in state agencies. This test will be completed in a few months. It will build demand for all to purchase 100% recycled content at reduced cost (currently \$.45/ream higher than 30% recycled content paper).

Madalyn introduced the Paper Reduction Calculator, explaining that one can “Google” “EPA warm” to get the EPA office paper reduction calculator. Then she reviewed Seattle case study where they

- Reduced 12% in 9 months
- 20% by March 2007

There are ongoing promotions regarding the need to print and copy in duplex (two-sided). She said that the PCA has a CD to give out and also noted that the Solid Waste Management Coordinating Board (SWMCB) has a useful paper calculator. Madalyn will follow up with an email to members offering these various tools.

Next, she reported the PCA will be testing the “Green Print” software that provides such features as:

- Pages saved calculator
- Allows deletion of ‘trailer’ (unnecessary pages)
- Allows you to PDF documents

Emily noted there’s always a gap between IPPAT representatives and their purchasers. How do we get top down commitment like a mandate or policies to buy 30% or 100% recycled content, especially where you deal with multiple purchasers? She asked if it would valuable to have a Cooperative Purchasing Venture (CPV) or office supply connection establish 30% as minimum default. This might help every agency in purchasing.

Emily asked attendees whether they need a training packet for copy staff or others in the agency to help get administration, etc. to change copy and printing habits. There must be upper staff buy-in, and she urged that you share the data and numbers with agency higher officials. She recommends you then follow up with training and education. (The PCA has such a policy on its web site.)

Educational sales and marketing are the same as for public marketing. Members were urged to use the “Green Print” trial version. Their representative is very interested in working with PCA and Madalyn to conduct this paper reduction pilot.

## **Break**

**Department of Administration - By Tim Morse, Director Of the Travel Management Division**  
EPACT is about getting flex-fuel vehicles into agency fleets. But he noted that the state is not doing as well as hoped in getting E85 fuel used. Administration is benchmarking fuel data through retail purchases (’05 – ’06). There are currently 350 agency accounts with “Write Express” (WEX) purchase cards.

There is a huge gap in between use of standard fuel and E85, and this is being reported to agencies and we attempt to achieve the goals of executive order. So Tim stressed the need to get new E85 maps each year as some stations are added. It’s especially important to get these updated maps in all E85 cars (issued Mar. 2007) to help encourage drivers to buy E85 fuel.

He reports that the “Smart Fleet” committee is made up of agency representatives.

When asked if he’s heard any political and economic rumblings about corn-based ethanol, Tim said no but that everyone looking forward to cellulosic ethanol. Ethanol is believed to be a transition fuel; it

isn't the perfect fuel. It's renewable and cleaner burning than petroleum but will not answer all our needs. A recent article by a Stanford author in the Star Tribune said it isn't even cleaner burning.

Phyllis had the same question regarding Butenol (made up of four carbon molecules). It's much closer to the molecular properties of petroleum based fuels so it's easier to use same pipeline. This fuel may also not be as demanding on water consumption in the production of it.

The state is going toward bio-diesel for diesels. It's now 2% with the Minnesota Department of Transportation (MNDOT) as the primary user. They currently buy half through retail. They are also testing with higher blends now. In the future, Tim sees MNDOT trying higher levels of bio-diesel in warm weather and lower in cold and getting comfortable with using it. DOT is leading the way but being cautious.

They are also trying to go to ultra low sulfur diesel. It was reported that Metro Transit buses have used four percent bio-diesel over the past year.

Fran reported that emissions are higher with ethanol. For example, in California ethanol is now used for fuel oxygenation to replace the use of MTBE (which was a major polluter in CA). But the trade-off is that with ethanol they raised emissions in order to eliminate a polluting chemical (MTBE).

Emily then explained her extrapolation of data comparing 2006 vehicles retired and 2006 acquired. (See slides attached with email). In this case, she had to group vehicle comparisons by year and type.

After her presentation, she asked if IPPAT should have a committee to pursue efforts to make the very best use of the data we're collecting. She urged that IPPAT connect to Clean Air MN (CAM) and stressed the need to do more toward reducing petroleum-based fuel purchases and raising E85 purchases.

She also suggested that there needs to be a document instructing how to use this tool and to establish consistent foundations. There need to be finer divisions among vehicle types. Current calculations are based on Mobile 6, but Mobile 8 is coming from EPA. These should correlate anyway. For this reason, IPPAT has made a budget request to have someone work with this model and make suggestions for improvement.

Travel management has one set of vehicle replacement calculations, but there are others doing calculations, including MNDOT, Dept. of Revenue and Metro Transit. There is also a report on metro commuters and more statewide data to put into a consolidated report.

#### WHAT TO ADDRESS IN NEXT YEAR

Linda asked the group what they preferred to focus on in upcoming meetings.

##### Executive Orders:

- 99-4 IPPAT established
- 04-08 Emissions (Clean Air MN)
- 04-10 Vehicles (SmartFleet)
- 05-16 Buildings Energy (B3-Buildings, Benchmarks and Beyond)
- 06-03 Biofuels (SmartFleet)

##### General Ideas for Future Meetings:

- 1) Carbon exchange (Chicago Carbon Exchange – CCX)
- 2) Clean Air MN update
  - carbon sequestration

- 3) Consider policies needed to drive Pollution Prevention (e.g. put recommendations in report)
- 4) Need for professional staff – data collection and analysis, to track data so ready to put in calculator (e.g. ReTAP)

How to increase IPPAT representation? (should be approximately 22 agencies represented)

- Define who is an agency
  - Perception
  - What could be incentives
  - Reminder to agencies and why (do what to raise awareness?)
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Angie Bourdaghs asked permission of the members to conduct a poll of all agencies regarding their interest in purchasing wind/green power or carbon credits. The group approved this so she will send an email in the near future.

Meeting adjourned at 12:10 pm.

**Attendees:**

Auer, Ken  
Bourdaghs, Angie  
Bryan, John  
Christenson, Gene  
Cioci, Madalyn  
Countryman, Linda  
Dormanen, Gordy  
Gilchrist, Chris  
Hetzel, Colleen  
Jordahl-Larson, Marilyn  
Kurk, Fran  
Lundell, Maggie  
Matthys, Don  
Morse, Tim  
Mujumdar, Anita  
Specht, Gordon  
Strong, Phyllis  
Treichel, Tyler  
Vennewitz, Mike  
Moore, Emily  
Schreifels, Susan  
Moss, Paul