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10/27/09

MEMORANDUM

TO: Environmental Concerns Committee

THROUGH: Carl S. Goldsmith, Director of Public Works *cy*

FROM: David P. Gorman, Asst. Director of Public Works *DPL*

SUBJECT: Clean Air Counts – Aspiring to the Silver Award Level

DATE: October 21, 2009

The ECC had expressed an interest in pursuing the Silver award in the Clean Air Counts program. This memo provides background on our bronze award and staff's recommendations on possible actions that may accomplish the goal of silver.

Our participation in Clean Air Counts provides a framework to learn about and be recognized for our actions to reduce emissions. The goal is to retain compliance for the Chicagoland region through voluntary actions on our own terms than through federal mandates.

Clean Air Counts Actions:

The Village achieved the Bronze level of Clean Air Counts in 2007 for the following actions:

- 1) Implementing an education campaign using TV-6 (informational slides and SchoolScape), website information and links, and blurbs in the Pride newsletter,
- 2) Using no- or low-VOC paints,
- 3) Holding a gas can exchange at the 2007 recycling extravaganza, and
- 4) Implementing an anti-idling policy for Village vehicles that has saved the Village 9% of regular fuel and 14% of diesel.

Since then, we have also:

- 5) Had regular attendance at Clean Air Counts meetings and given a presentation on native landscaping for stormwater basins,
- 6) Been a lead community in the annual Bike to Work Week,
- 7) Installed anti-idling signs at every school, railroad crossing and the Metra station,
- 8) Switched to green cleaning products in the Village Hall and Public Works where feasible,
- 9) Switched to CFL and HPS light bulbs in all municipal buildings,
- 10) Installed 8 LED traffic signals,
- 11) Bought 3 hybrid fleet vehicles, and
- 12) Switched to environmentally-friendly cleaning products for Village Hall and Public Works.

In addition, we are planning to:

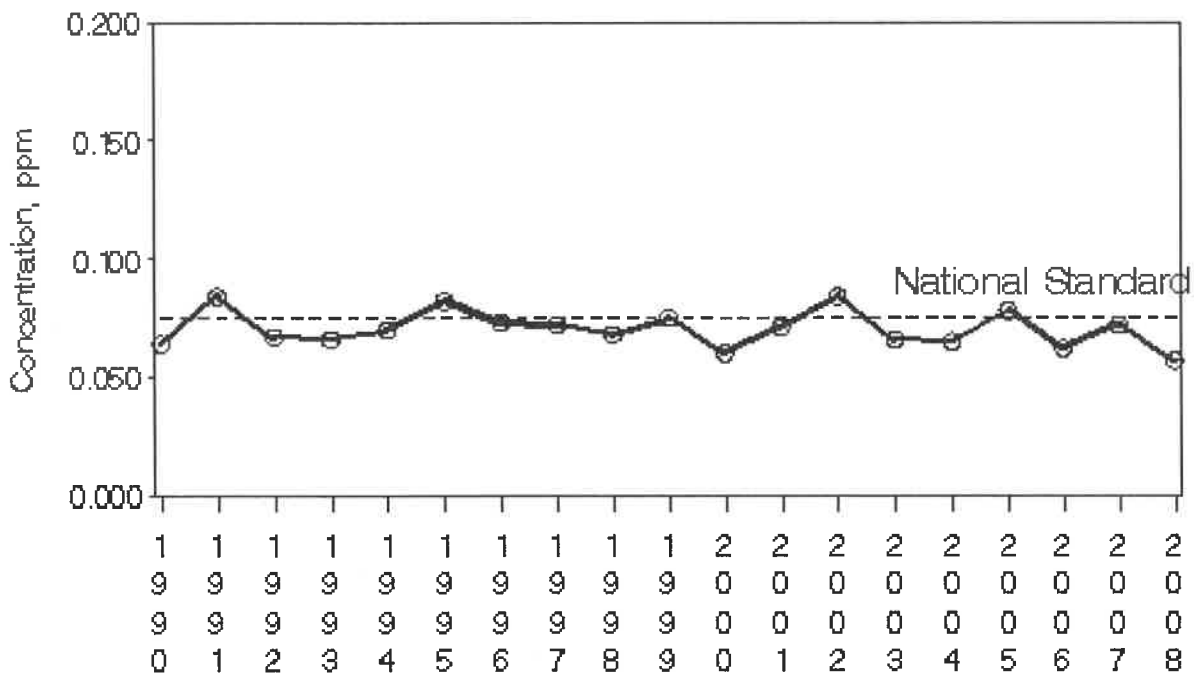
- 13) Increase bicycle parking for train commuters,
- 14) Implement a circulator bus for train commuters,
- 15) Establish a Village bicycle route,

- 16) Install LED streetlights (initially on West Road) as well as additional LED traffic signals,
- 17) Continue purchasing hybrid vehicles where feasible for the use, and
- 18) Pursue savings in energy use, and thus power production emissions, for municipal facilities.

Latest on EPA’s Smog Standard:

The USEPA tightened the ground-level ozone (smog) particulate standard from 0.080 ppm to 0.075 ppm in 2008. This was a compromise with health care professionals that wanted 0.070. The Chicagoland area was teetering within compliance under the former standard and will likely need additional actions to meet the new standard. The graph below shows the latest EPA report for the annual readings. *Compliance is based on a three-year average.*

Ozone Air Quality, 1990 — 2008
(Based on Annual 4th Maximum 8–Hour Average)
Chicago,IL
SITE = 170436001 POC = 1



Staff Recommendation:

Staff suggests that the ECC should set a goal to achieve the Silver award by the end of 2010. The Clean Air Counts Director is currently working on a matrix to objectively set levels for Bronze, Silver, Gold and Platinum. However, based on discussions at the last Clean Air Counts meeting, staff believes that Silver will be within our reach based on the activities that we are already undertaking and those that are planned over the next year.