

# **IDEM Update**

March 5, 2008

**Thank you to Rolls-  
Royce!**

Specifically

Jamie Van Tuyl and Pat Ellis

# OPPTA Goals for 2008



# OPPTA Mission Statement

The Office of Pollution Prevention and Technical Assistance is committed to finding better ways to help others voluntarily prevent pollution and understand, achieve and exceed environmental responsibilities through confidential technical assistance, education, and financial support.

# Partners Mission Statement

The Partners for Pollution Prevention champion pollution prevention programs in businesses and organizations by promoting successful approaches to achieve measurable reductions of pollution in Indiana.

# OPPTA Goals for 2008

- Implement lean concepts in office
- Establish PDCA as standard methodology
- Identify the best strategies to assist facilities in pollution prevention
- Use lean practices to identify P2 opportunities
- Establish *Voice of Customer* metrics to set priorities and continually improve

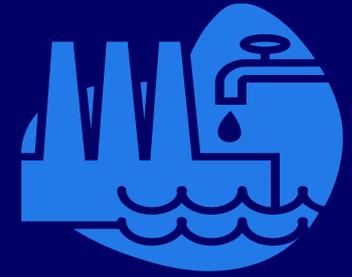
# **IDEM Co-Presenters**

Consider having IDEM-OPPTA staff co-present with you at conferences and workshops.

# IDEM Personnel Changes

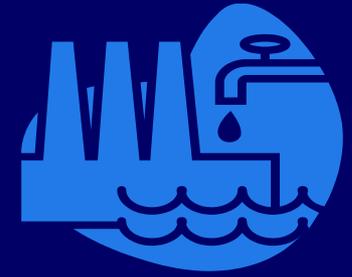
- Robert Henry, new P2 Environmental Engineer (starts next week)
- Laura Groom, TRI contact is gone
- Katie Beam, Environmental Manager, Compliance and Technical Assistance

# P2 Grant Program



- Since October of 2006, there have been two grant rounds with a total of 28 applications.
- Seven applicants were awarded grants, totaling over \$374,000.

# P2 Grants Awarded



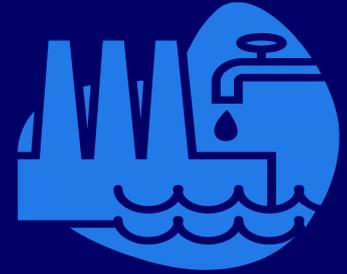
- **Harrison Steel Castings Company** was awarded \$100,000 to reduce the amount of resin in their chemically bonded sand molds, reducing VOC emissions.
- **Hill's Pet Nutrition Indiana, Inc.** was awarded \$71,000 to install a water conservation system that will prevent millions of gallons of polluted water discharged to Richmond's wastewater system.

# P2 Grants Awarded



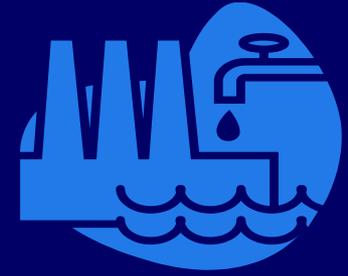
- **Church Brothers Collision Repair** was awarded \$63,584 to convert four of their locations to use waterborne basecoat paint, reducing VOC emissions.
- **Frito-Lay, Inc.** was awarded \$50,000 to design and install a waste heat recovery system that will significantly reduce energy consumption

# P2 Grants Awarded



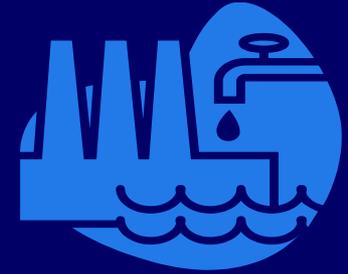
- **The Muncie Sanitary District** was awarded \$45,000 to purchase reusable bags, distribute them to be used at local grocery stores, and measure the amount of plastic and paper saved through the reusable bag program.

# P2 Grants Awarded



- **Saint-Gobain Containers** was awarded \$30,000 to install and test an energy efficient compressed air system, used for the first time in the United States.
- **Nimet Industries, Inc.** was awarded \$14,933 to install an electroless nickel dialysis machine in order to reduce the amount of waste that is produced from their metal finishing process.

# P2 Grants



- Next Deadline for Applications:

March 31<sup>st</sup>, 2008

- Copies of the application available today

# Governor's Awards for Environmental Excellence

- Nominations are being Accepted

Must be received by:

**Monday, April 14 @ 5:00 p.m.**

[www.idem.in.gov](http://www.idem.in.gov)

# Award Categories

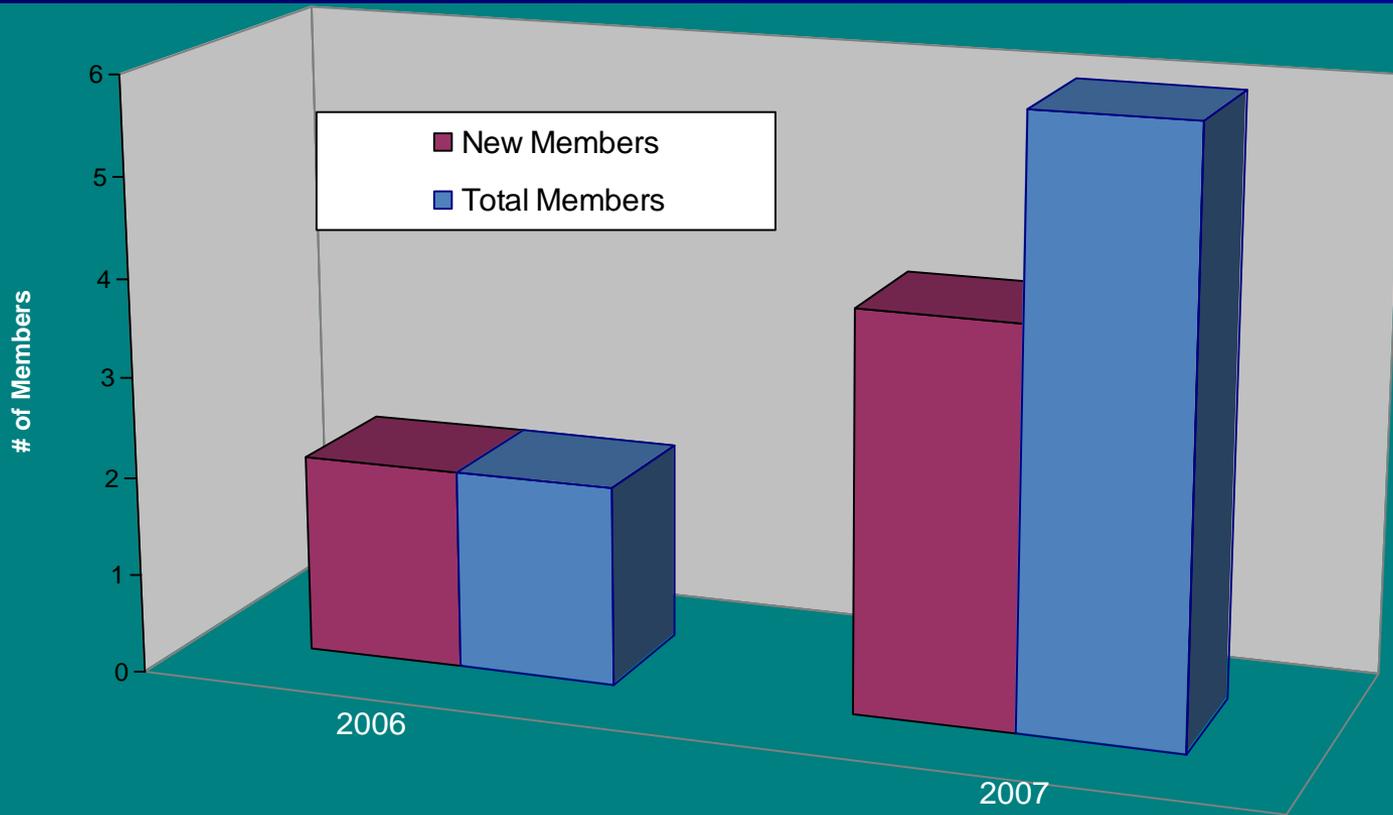
- 5-Years' Continuous Improvement
  - Energy/Renewable Resources
    - Greening the Government
      - Outreach or Education
        - Pollution Prevention
          - Recycling/Reuse
            - Land Use

# CLEAN Community Challenge

- 7 Communities
  - The Town of Ogden Dunes
  - The City of Lawrence
  - The City of Indianapolis
  - The City of La Porte
  - The City of Michigan City
  - The City of Crown Point
  - The City of Richmond



# Members of CLEAN Program



# CLEAN Community Challenge

- Ogden Dunes Achievements:
  - 24% recycling rate
  - 884 pounds of batteries recycled
  - Reduced invasive species by 50% at Pollywog Pond
  - Implemented leaf composting site (over 1,538 cubic yards)

# Examples of Commitments

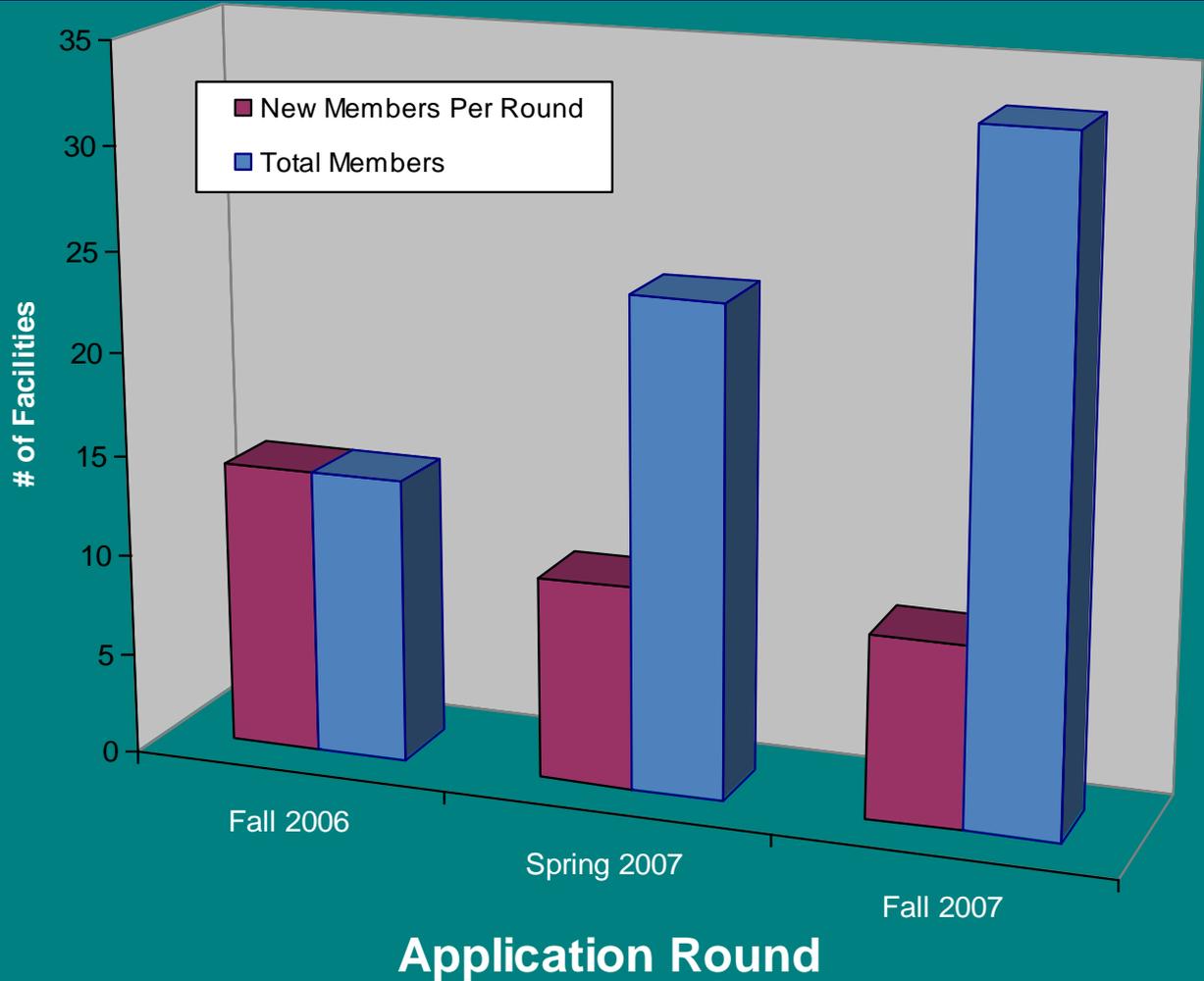
- Environmentally Preferable Purchasing Policies
- Development of recycling programs within municipal operations
- Energy efficiency
- Fleet management
- Habitat restoration

# Environmental Stewardship Program (ESP)

- Currently 33 members
  - 14 members from fall 2006 round
  - 10 members from spring 2007 round
  - 9 members from fall 2007 round



# Membership in the Environmental Stewardship Program



# Commitments

| <b>Reductions by Category</b> | <b>Total</b>                      |
|-------------------------------|-----------------------------------|
| Total Water Use               | 30,118,135 gallons                |
| Total Energy Use              | 139,129.19 MWh                    |
| Total non-HW                  | 3,550.15 tons<br>1,080.00 gallons |
| Total HW                      | 180,740 pounds<br>65,592 gallons  |
| Total air emissions           | 61.26 tons                        |

# Linking P2 to Lean Initiatives

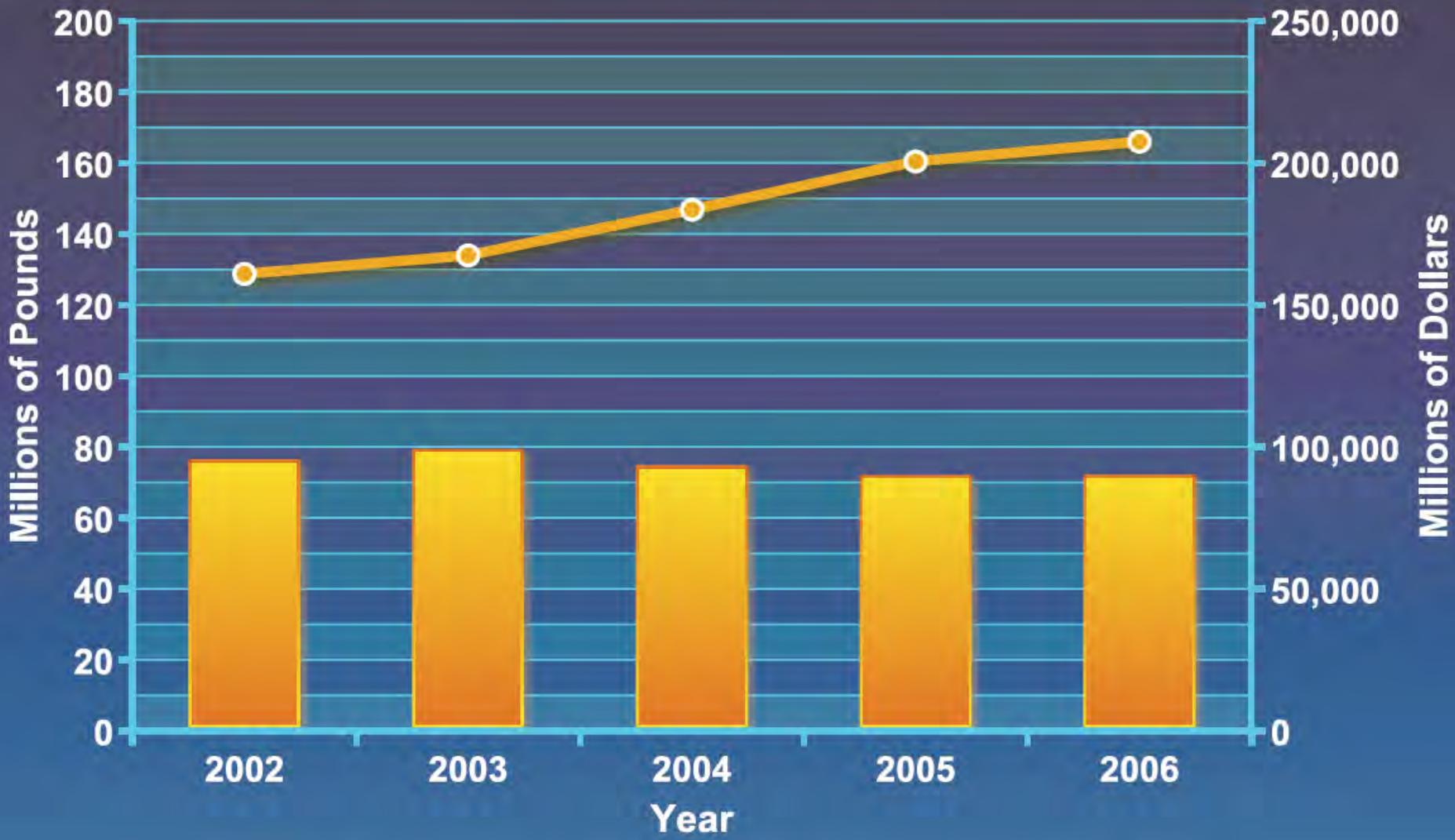
- Contracted with CMTI
- Workshops will be offered to facilities without an EMS, yet using a quality system
- Look for information soon – share with facilities you work with that could benefit from this service
- Site visits will also be available

# Toxic Release Inventory

According to the Toxic Release Inventory for 2006, Indiana saw a decrease in pollutants released per unit of manufacturing output. Releases to air were reduced, although increased releases to land and water resulted in a total statewide overall increase of approximately 1.5 percent.

# Manufacturing Releases Compared to Value of Product

(adjusted for inflation)



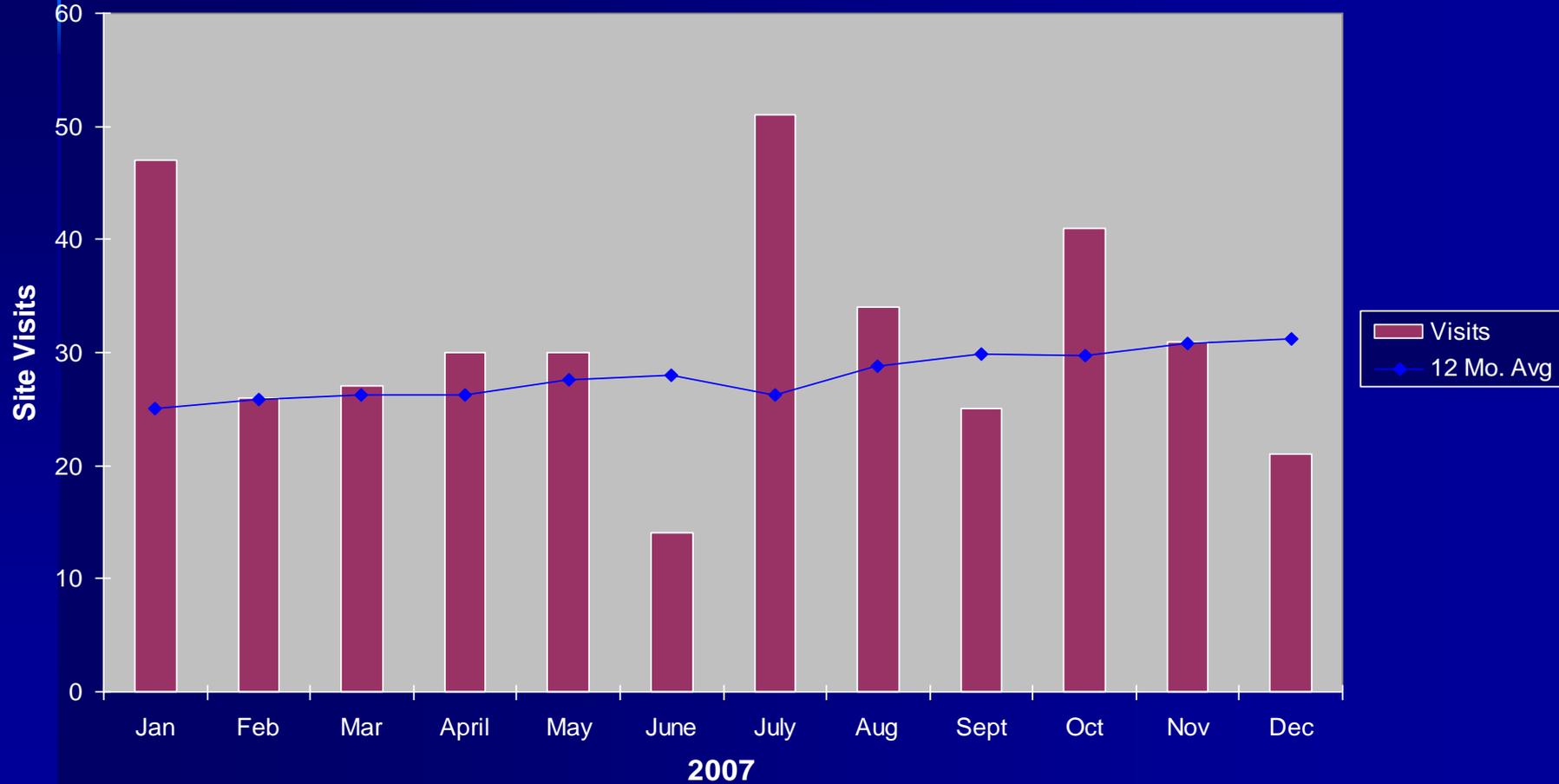
Manufacturing Releases    Census Total Value of Product

Source: IDEM (based on U.S. EPA 2006 TRI data)

# P2 Integration

- IDEM has been meeting regularly to implement P2 across the agency
- A P2 Orientation Training Video was created to train new IDEM employees
- Please join me in viewing this video
- Copies are available if you would like to use as a training tool

# Compliance Assistance Site Visits



# Comments or Questions?

Rick Bossingham

Assistant Commissioner, IDEM

800.988.7901