



# IOWA DEPARTMENT OF NATURAL RESOURCES

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LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Emissions Inventory & Support Section

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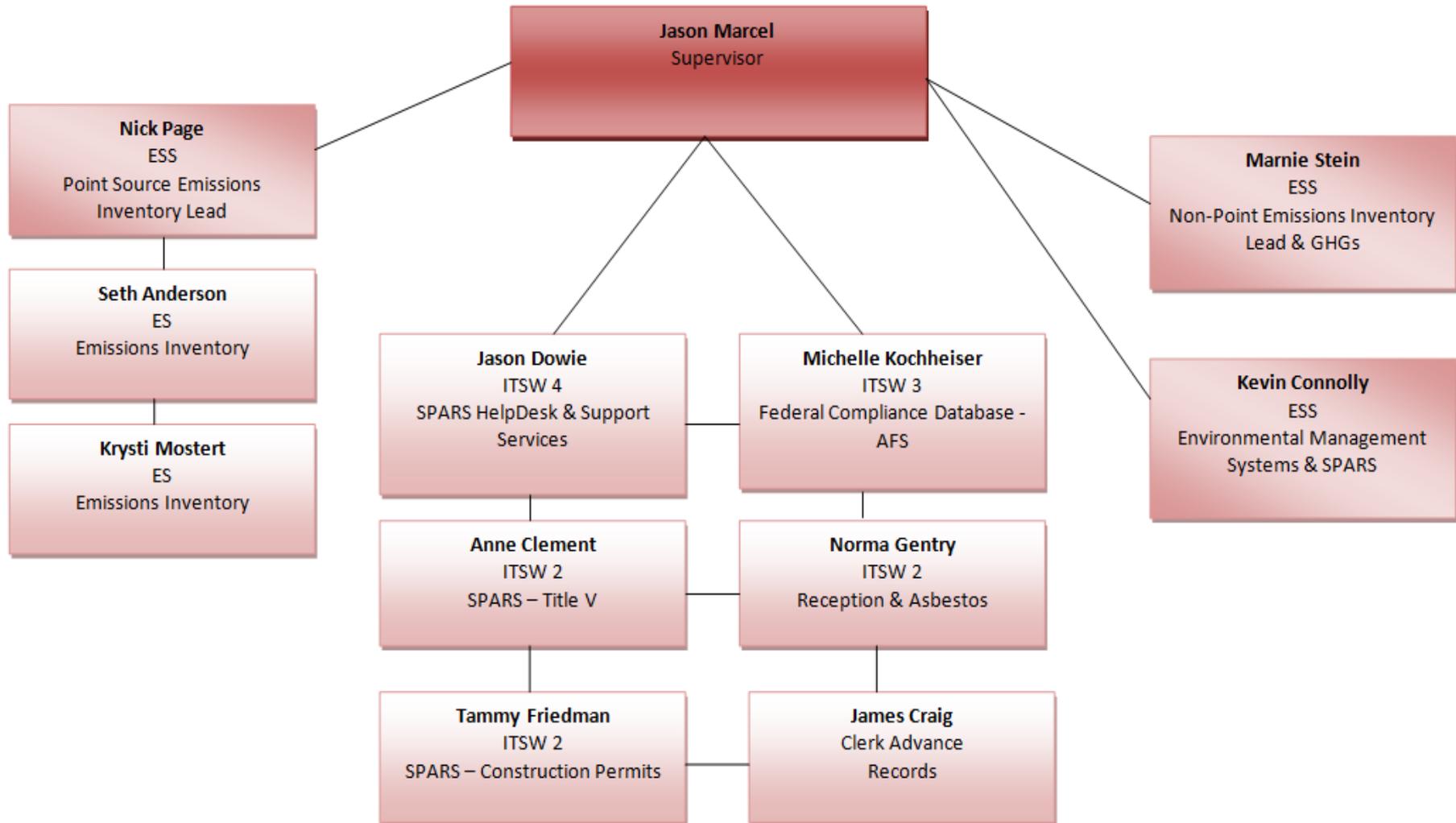
# Presentation Outline



- Organization
- Emissions Inventory Unit Services
- Support Unit Services
- Information Technology Services

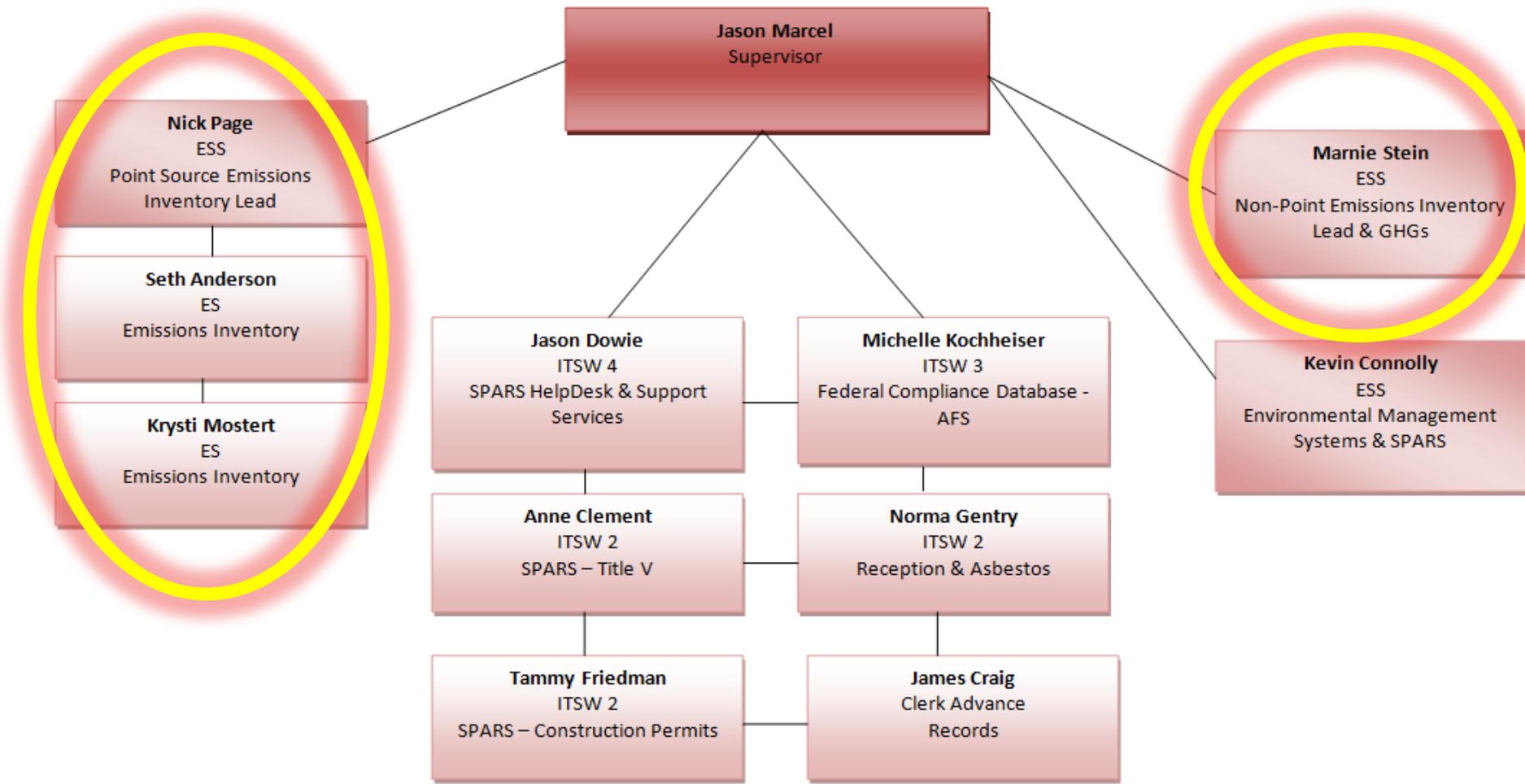
# Organization

# Emissions Inventory & Support Section

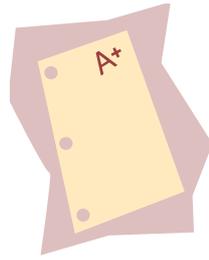


# Emissions Inventory Unit

# Emissions Inventory Unit



# Pop Quiz



## What benefit do you get from compiling and submitting an emissions inventory?

- A. Allows you to establish a baseline to measure progress of meeting a specific goal.
- B. Helps ensure you continue to meet permit requirements.
- C. Data is used to establish a smaller non-attainment area.
- D. Confirms control technology investments and improvements at your plant.
- E. Confirms smaller contribution of Iowa sources to regional pollutant transport issues.
- F. All of the above.

# Emission Inventories Drive Decisions



## How we help

- Reduce your need for resubmissions by providing technical support
- Provide you with consistent and accurate emission calculation guidance by providing online calculators
- Support your e-reporting needs by hosting specialized webinar training
- Identify reduced industry reporting opportunities by prioritizing and streamlining reporting requirements
- Review and correct EPA miscalculations

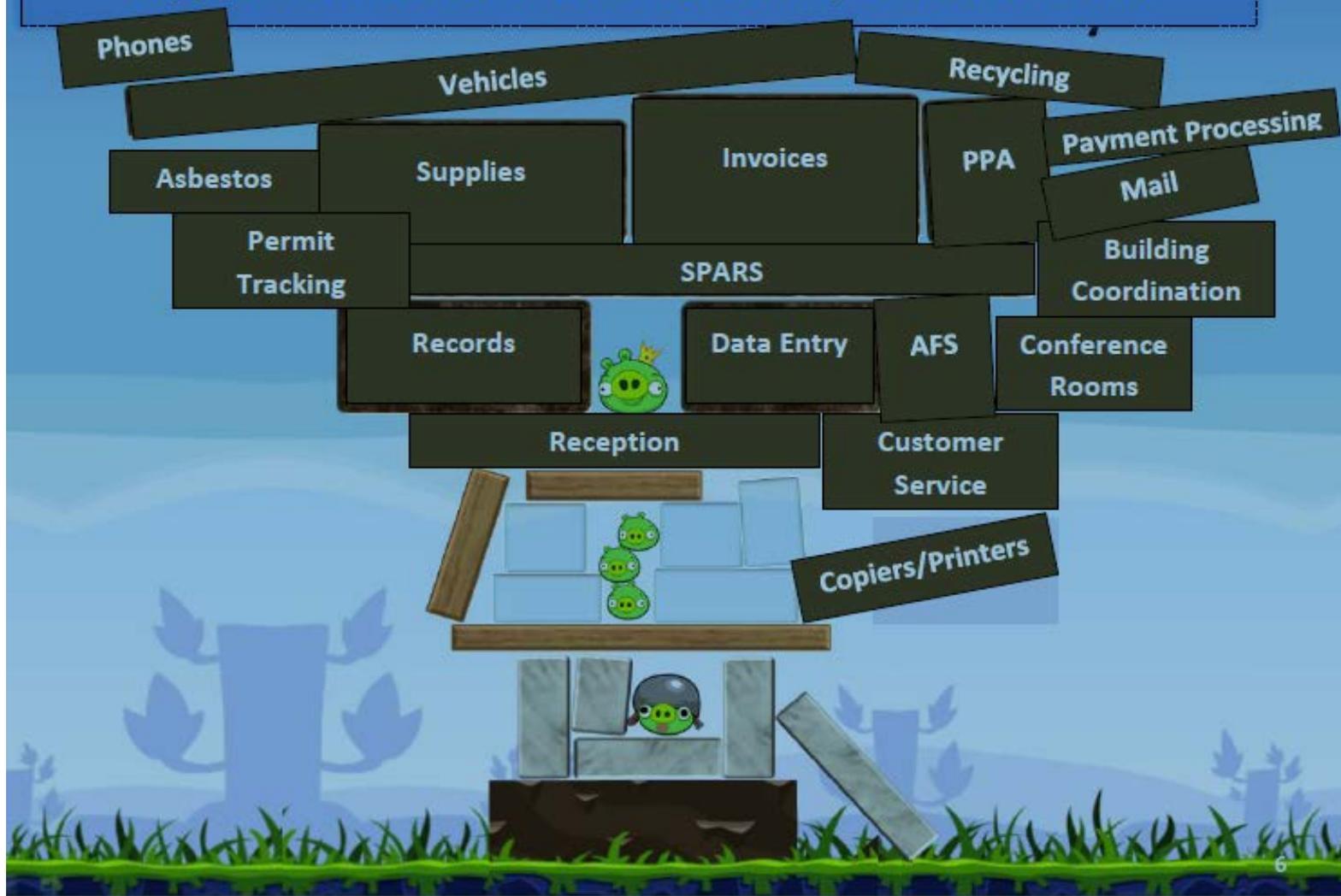
# Technical Services

<b>Emissions Estimate Tools</b>	<ul style="list-style-type: none"><li>• 15 Spreadsheet Calculators</li><li>• 16 Examples Calculations</li><li>• Reference Materials</li><li>• 10 Video Tutorials (“How To” Guides)</li></ul>
<b>Webinar Training (2011-2014)</b>	<ul style="list-style-type: none"><li>• 689 participants</li></ul>
<b>Streamlined Reporting</b>	<ul style="list-style-type: none"><li>• Reporting burden reduced 57%</li><li>• New reporting form</li></ul>
<b>Corrections to EPA Data</b>	<ul style="list-style-type: none"><li>• 197,000 tons</li></ul>

# Support Unit



# Organizations Rely on Efficient & Customer-Friendly Support as the Foundations to Complete their Work



# Daily Operations

- Get permit applications to staff (and out the door) quickly
- Reduce technical staff time on non-value added activities
- Direct customers to correct staff
- Make sure tools are available for staff
  - computers, supplies, vehicles, program data queries, records, etc.

# Reducing Costs for More Effective Government

- ✓ Reduced fleet from 7 to 4 vehicles - \$60K
- ✓ Phones - \$1,800
- ✓ IT - \$31K
- ✓ Records - \$37K
- ✓ Copiers - \$3,270
- ✓ Courier Service - \$3,500



# Information Technology Services

# Brief History

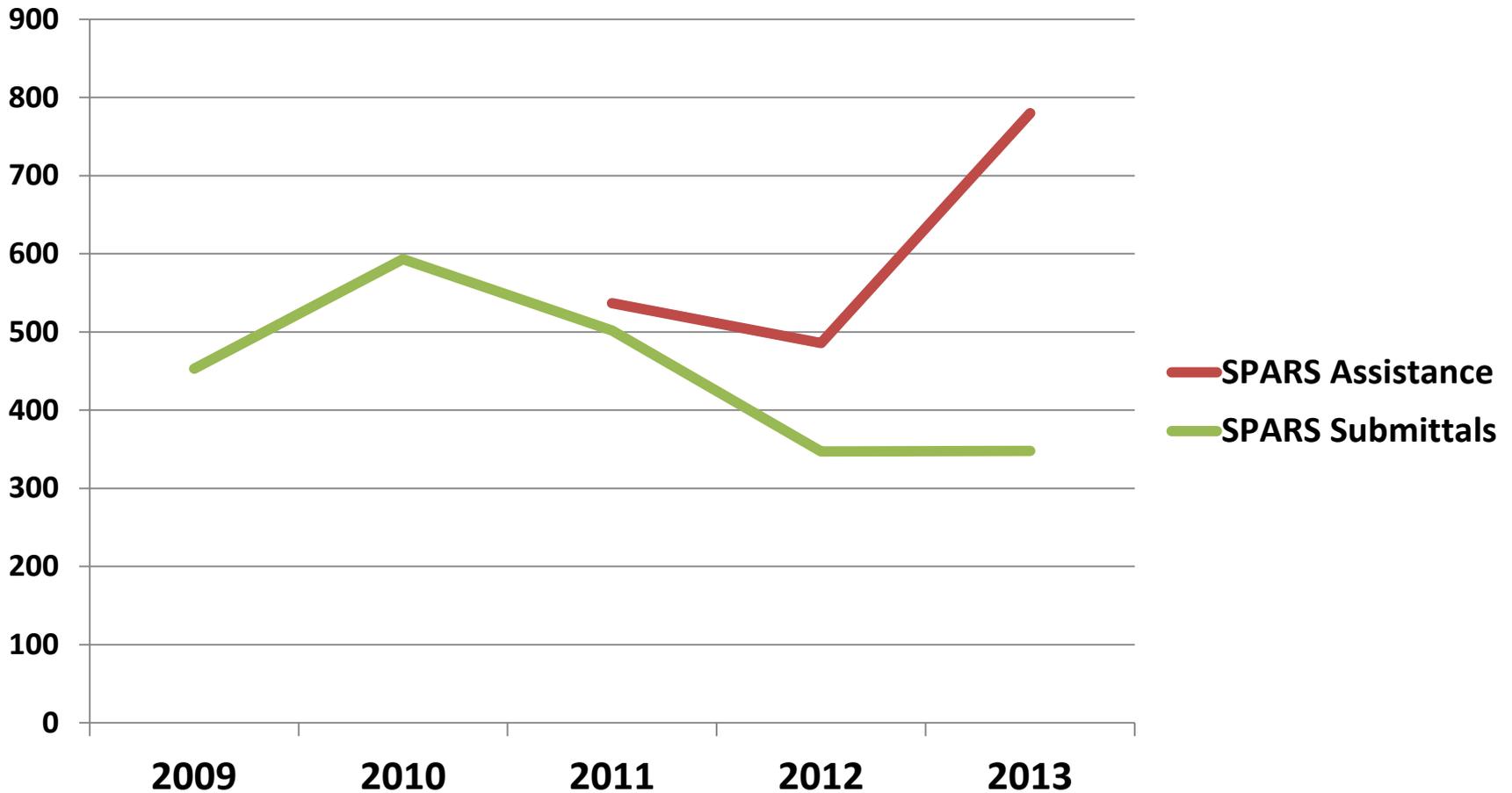
- State Permitting & Air Reporting System (SPARS)
- Developed b/w 1998-2000
- “Live” in 2000 – stand alone program installed on PC
- SPARS Web – 2006
- SPARS Advisory Committee

# Brief History



- What SPARS is used for:
  - Online submittal of air quality permit applications & emissions inventories
  - Online permit tracking
  - Online permits (PDFs)
  - Specialized queries for planning, modeling, information requests, etc.
  - Emissions data for NEI
  - Flows data to other DNR systems

# Trends – SPARS Submissions & Assistance



# Questions?

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