

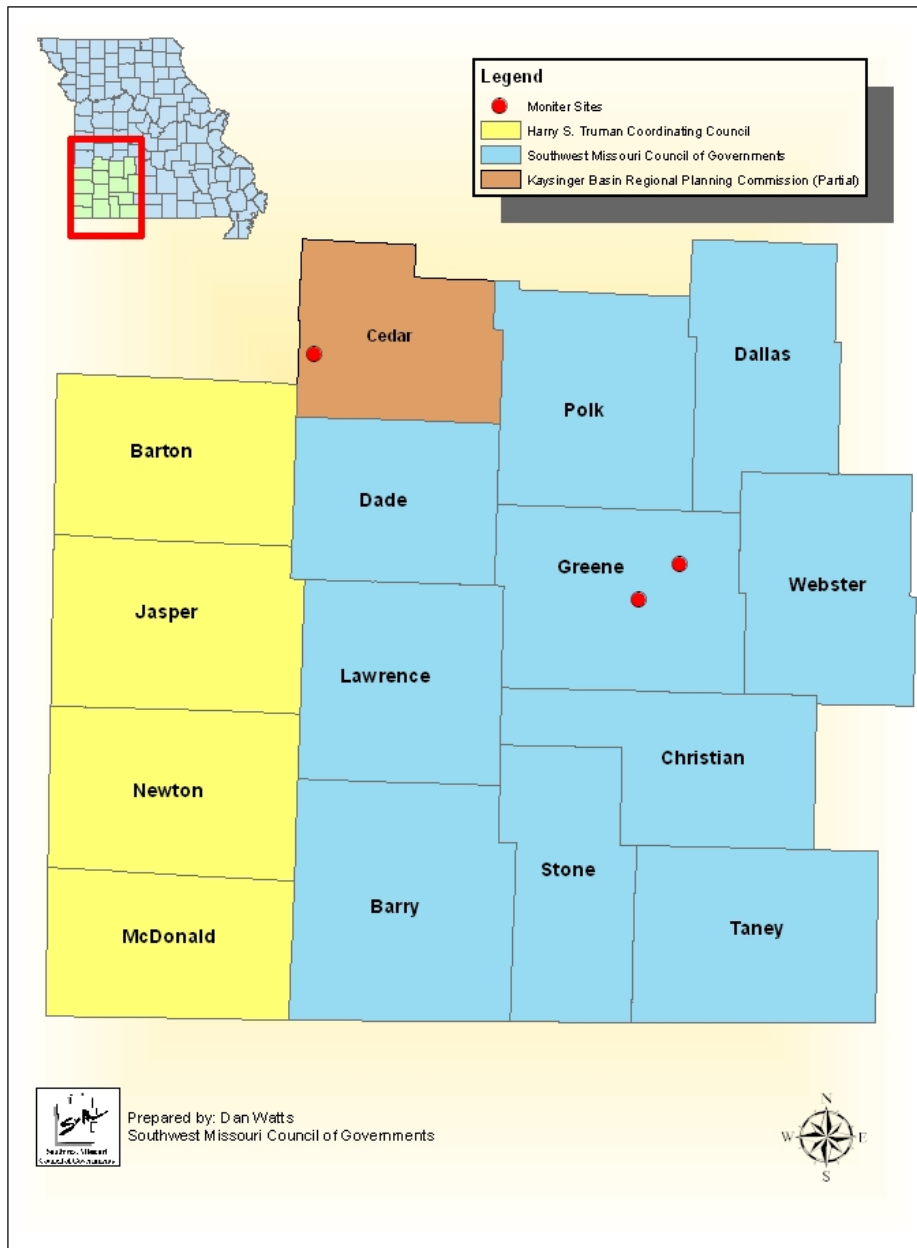
# Ozarks Clean Air ALLIANCE

Doug Neidigh  
Program Manager  
Ozarks Center for Sustainable Solutions (OCSS)  
Drury University

# What is OCAA?

- The Ozarks Clean Air Alliance (OCAA) is a subgroup of the Community Partnership of the Ozarks Environmental Collaborative
- The group was formed in 2007 to proactively address air quality issues in Southwest Missouri.
- Currently, the scope of the OCAA is the 15 county region of the Southwest Missouri.
- The alliance currently includes over 50 organizations in the region.

# Ozarks Clean Air Action Plan Territory



Prepared by: Dan Watts  
Southwest Missouri Council of Governments



# What Are We Doing?

- Developed Ozone Clean Air Action Plan to:
  - Involve industry, government, and citizens in reducing emissions
  - Begin investigating and implementing feasible voluntary emission reductions
  - Organize educational outreach
- Administer Grant Projects
  - Clean Diesel projects

# What is a Clean Air Action Plan (CAAP)

- A comprehensive, regional, on-going plan to reduce ground-level ozone.
  - Must have cooperation from community and business leaders
  - Must represent reduction opportunities for the region
  - Voluntary control measures
  - Continual improvement
    - Reviewed by OCAA every 6 months

# Why Develop a CAAP

- Planning steps similar to developing an ozone non-attainment plan (SIP)
- Exhibiting proactive stance on air quality
- Consideration of preventative planning when new standard and designations released
- Actions reduce ozone levels to comply with new standard and improve air quality
- Population growth in the region
- Accelerate the pace of air quality improvement

# CAAP Strategies

## Strategies by 2010

1. Public and Business Awareness/Education
2. Idle Reduction Program
3. NOx Reduction from Power Plants
4. Energy Conservation Programs from Utilities
5. Onsite Pollution prevention Technical Assistance Program
6. Ozone Workplace Network
7. Agriculture Air Quality Workgroup
8. Diesel Emissions Reduction
9. Rideshare Program
10. Alternative Transportation and Commuter Projects
11. Stage One Vapor Recovery
12. Gas Powered Lawn and Garden Equipment Emissions Reduction
13. Ozarks GreenScore Program

# CAAP Strategies

## Strategies by 2013

- Some of these strategies are still being reviewed
1. Smart Growth Audit/Review
  2. Innovative Energy Conservation Programs
  3. Expand Intelligent Transportation System

# Clean Diesel Grant Projects

## 2008 Projects

- Springfield and Logan-Rogersville School District
  - Install Diesel Oxidation Catalysts (DOC's) and Crankcase filters on over 70 buses
- Clean Diesel State Allocation – 2008
  - Install Alternative Power Units (APU's) on 13 over-the-road tractor trailers
    - L&M Transport, Double S Transport and T-Haul
  - Install DOC's on 10 Greene County Highway Department dump trucks

# Clean Diesel Grant Projects

## 2009 Projects

- ARRA Metro Clean Diesel Project
  - 13 early school bus replacements, 98 DOC's for school buses in the following school districts:
    - Branson
    - Cassville
    - Crane
    - Fair Grove
    - Fair Play
    - Joplin
    - Neosho
    - Republic
    - Strafford
    - Willard

# Clean Diesel Grant Projects

## 2009 Projects

- ARRA Clean Diesel State Allocation Project
  - Projects include APU's, low-rolling resistant tires, engine repowers, early vehicle replacement, DOC's, trailer fairings, and electric motor/drive train
  - Projects were awarded through random drawing to:
    - CCUC
    - Convoy of Hope
    - COS Trucking
    - The Daniel Company
    - OF and S Trucking
    - Phillips Show-Me Farms
    - R and R Trucking
    - Trailiner Corp.
    - Transportation Equipment Co.
    - United Parcel Service (UPS)
    - Rt. 66 Transportation
    - Hollister School District
    - City of Springfield Public Works Dept.
    - Springfield Public Schools

# OCAA Members/Stakeholders

- American Lung Association
- Associated Electric
- City of Battlefield
- City of Rogersville
- City of Strafford
- City of Springfield Public Works
- City of Willard
- City Utilities of Springfield
- Christian County Commission
- Choose Environmental Excellence
- Community Partnership of the Ozarks
- Drury University
- Empire Electric District
- Fiske Transportation
- Greene County Commission
- Greene County Highway Dept.
- Hamburg & Lyons
- Missouri Department of Natural Resources
- Missouri Department of Transportation
- Missouri State University
- OCAA Agriculture Committee
- Ozark Greenways
- Ozarks Technical Community College
- Ozarks Transportation Organization
- Jasper County Health Department
- Stone County Commission
- Taney County Health Department
- Taney County Commission
- Northstar Battery
- Partnership for Sustainability
- Positronics Industries
- Rick's Automotive
- Show Me Yards and Neighborhoods
- Southwest Area Manufacturers Association
- Southwest Missouri Council of Governments
- Springfield Area Chamber of Commerce
- Springfield-Greene County Health Dept.
- Springfield Public Schools
- The Energy Store
- The Forrester Group
- University of Missouri Extension
- URS Corporation
- Jasper County Environmental Task Force
- Stamina Products
- City of Branson
- City of Hollister
- City of Ozark
- City of Nixa
- City of Monett
- City of Joplin Health Department
- College of the Ozarks
- Environmental Advisory Board of Springfield and Greene County

# ANY QUESTIONS?



[www.showmecleanair.com](http://www.showmecleanair.com)

**Ozarks Clean Air**  
ALLIANCE