



IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

State Implementation Plans (SIPS) and Nonattainment Planning

Jim McGraw

Program Development Supervisor

Air Program Development Activities

- Collaborate with affected stakeholders to:
 - Implement new/revised air quality standards
 - Devise strategies for improving air quality in nonattainment and maintenance areas
 - Adopt & implement new/revised Federal air emissions standards
 - Develop rules and programs to implement legislation

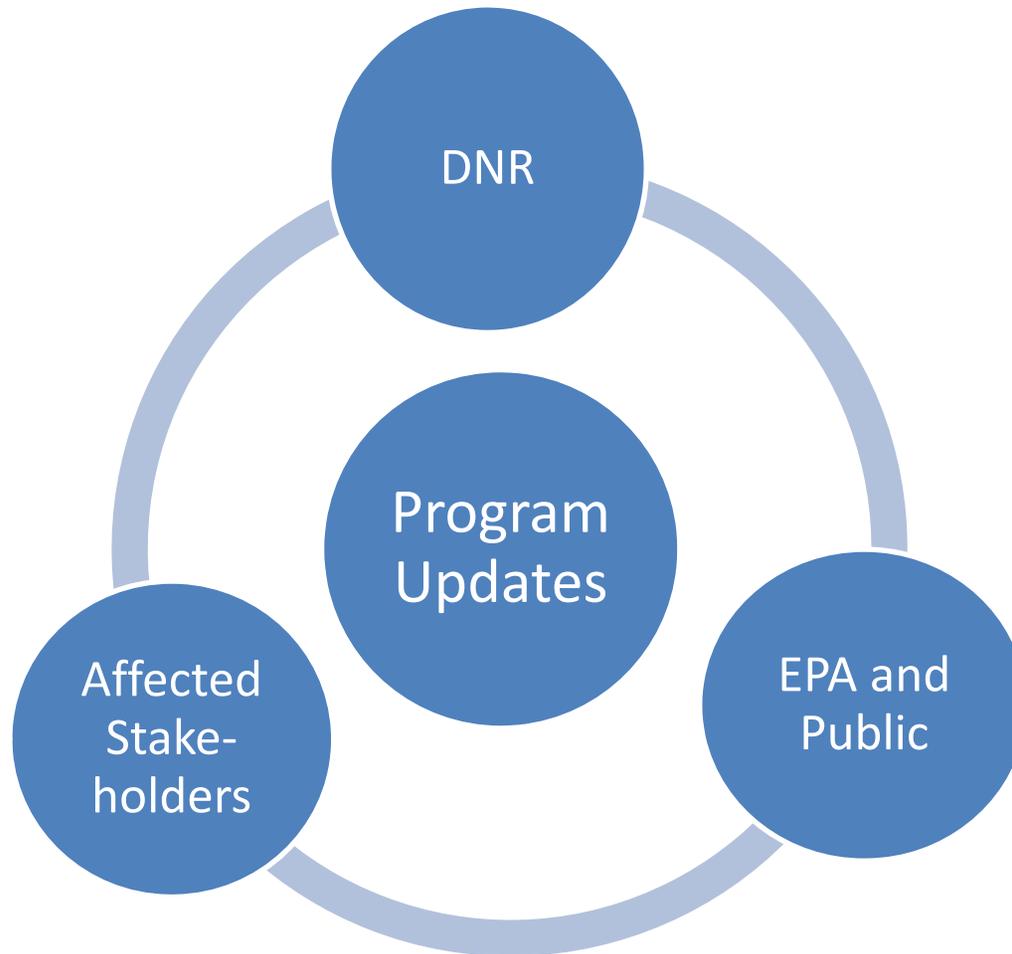
Program Updates and State Implementation Plans (SIPs)

- Periodically updated with EPA to ensure latest requirements are being included in Iowa's implementation of the Clean Air Act
 - Demonstrates that Iowa has the basic air quality management program components in place to implement a new/revised NAAQS, including permit issuance
 - Identifies the emissions control requirements that will be relied on to attain and/or maintain the NAAQS
- SIP types:
 - Infrastructure- authority and resources to implement new/revised NAAQS
 - Nonattainment- control strategy for bringing area back into attainment
 - Program- adoption of new federal requirements for permitting, monitoring, emissions testing, etc.

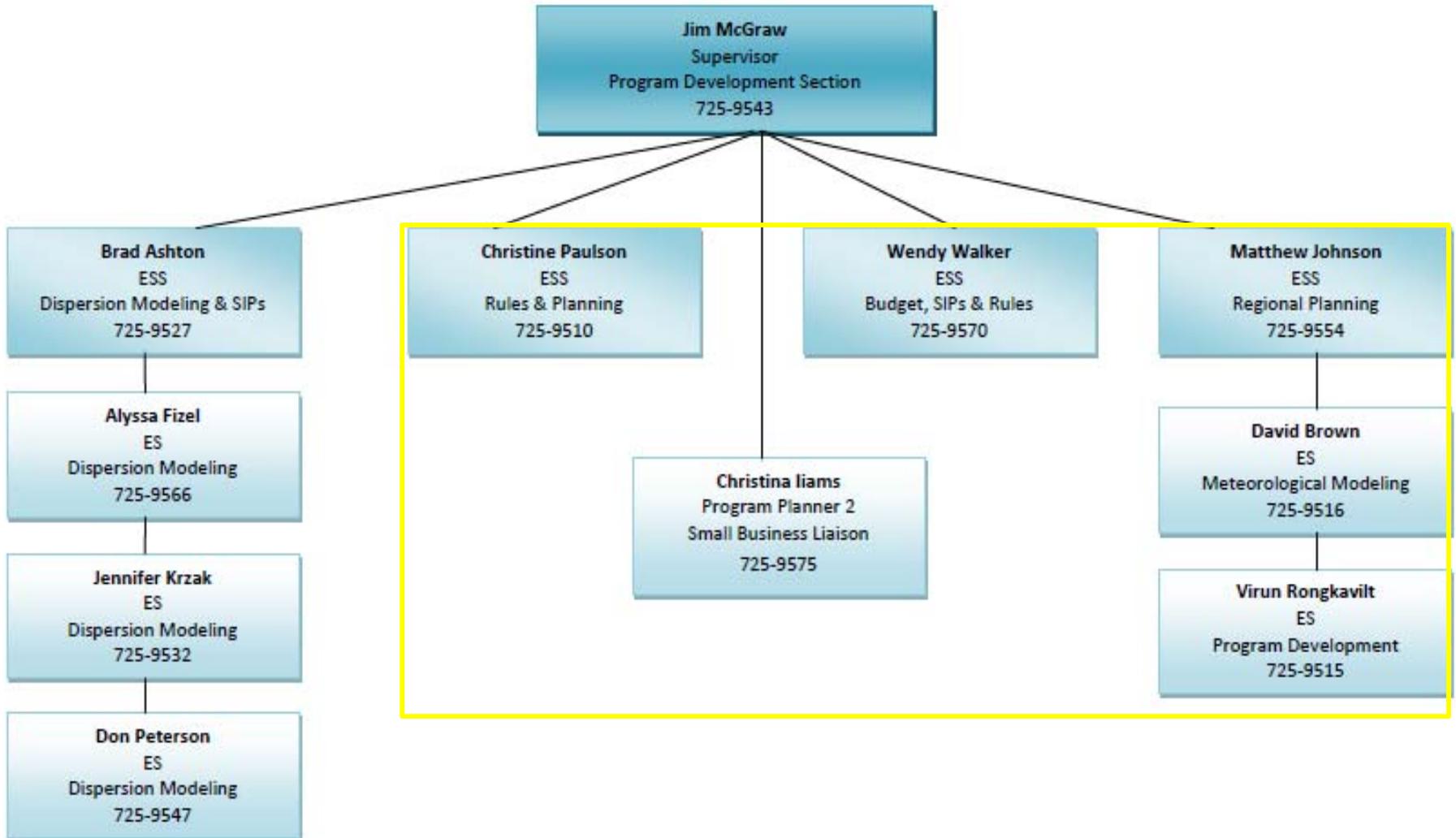
NAAQS Changes Trigger SIP Revisions



Program Updates Require Team Effort



Planning Unit Staff



Diverse Bureau Expertise Contributes to Program Updates

- Ambient Monitoring
- Emissions Inventory
- Permitting
- Stack Test Observation

Collaborating with industry, public, environmental stakeholders to reduce high pollution levels

- Fine particle air pollution in Muscatine
 - Finalized emissions control plans for 24-hour standard in February 2014.
 - Recommended attainment for the new annual standard.
- Emissions of Lead in Council Bluffs
 - Working with facilities to address recent violations.
 - Finalize emissions control plans by Fall 2014
- Sulfur dioxide emissions plan for Muscatine
 - Successfully argued to EPA to limit the extent of the nonattainment area.
 - Timely development of emission control plan (April 2015).



healthiest
— state —
initiative

Questions?

Contact Information:

(515)725-9543

jim.mcgraw@dnr.iowa.gov

www.iowacleanair.gov

Local Programs Implementation & Oversight

Local Programs In Iowa



- Two local programs:
 - Linn County Air Quality Division (Linn County Public Health)
 - Polk County Air Quality Division (Polk County Public Works)
- Any political subdivision may conduct an air pollution control program (455B.144)
- Must obtain a certificate of acceptance (455B.145)
 - Demonstrates local program has met the necessary criteria (identified in 567 IAC Chapter 27) to have a delegated air program

Service Agreements (28E)



- Specifies extent and manner of cooperation between DNR and Local Programs in conducting air pollution programs
- Agreements provide
 - Scope of work for permitting, compliance, and monitoring activities
 - Identify maximum funding levels
 - Specify reporting requirements
- Negotiated and renewed annually with EPC approval

Local Program Activities

- Permitting
 - Construction Permits and Modeling
 - PSD Permits and Modeling (Linn County)
 - Title V Operating Permits
- Compliance and Enforcement
 - Facility Inspections
 - Stack Test Observations
 - Complaint Investigations
- Ambient Air Monitoring

DNR retains Asbestos, Emissions Inventory, and SIP functions

Local Program Staffing

- SFY15 Staffing:
 - Linn County: 9.5 FTEs
 - Polk County- 9.0 FTEs
- Staff Positions:
 - Air Quality Manager
 - Air Permit Engineers
 - Air Quality Specialists
 - Ambient Monitoring Specialists
 - Administrative Support Specialist

Local Program Funding (SFY15)

Linn County
\$1,072,000

Polk County
\$1,142,000

Funding Source	Percent of Total
Title V Fees	65%
105 Grant	12%
103 Grant	2%
Local Program	21%

Funding Source	Percent of Total
Title V Fees	62%
105 Grant	15%
103 Grant	2%
Local Program	21%

Local Program Reviews and Performance Tracking

- DNR required to review and evaluate local programs (455B.134)
- On-site reviews conducted every 2 years for each program
 - Linn County- odd years
 - Polk County- even years
- Bi-annual meetings
- Quarterly reporting
 - Payments are cost reimbursable



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