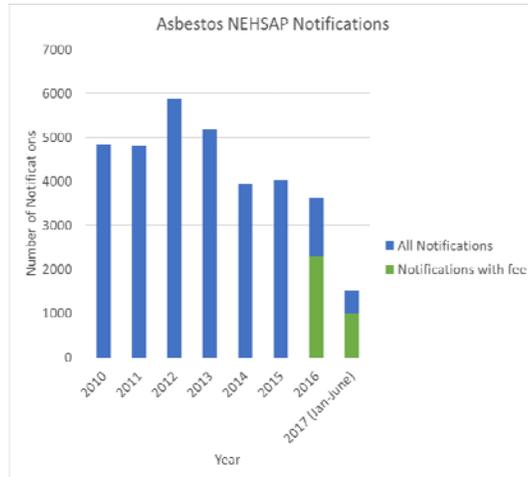


Asbestos NESHAP Notification Trends

- Since 2012 there has been a decline in the number of asbestos NESHAP notifications for building demolitions, renovations, and abatement
- The 2014-2016 average number of notifications is 3,875
- Beginning in January 2016, the notification fee applied to all required original notifications
- The fee does not apply to revised or cancelled notifications
- Of the 3,643 notifications submitted in 2016, the fee applied to 2,287 notifications



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

Asbestos NESHAP Program Updates

- DNR added one asbestos inspector in August 2016 (now have two)
 - After three month training and certification period more inspections are now being conducted
- Increased response to complaints with two inspectors
 - Can get an inspector onsite more often to investigate and provide needed assistance
- Continue to conduct outreach/education to communities
 - redevelopment projects, and
 - response to natural disasters, i.e. tornadoes and floods

Activity (FY 17)	Number
Asbestos Inspections	152
Outreach Visits	46
Complaints Received	85

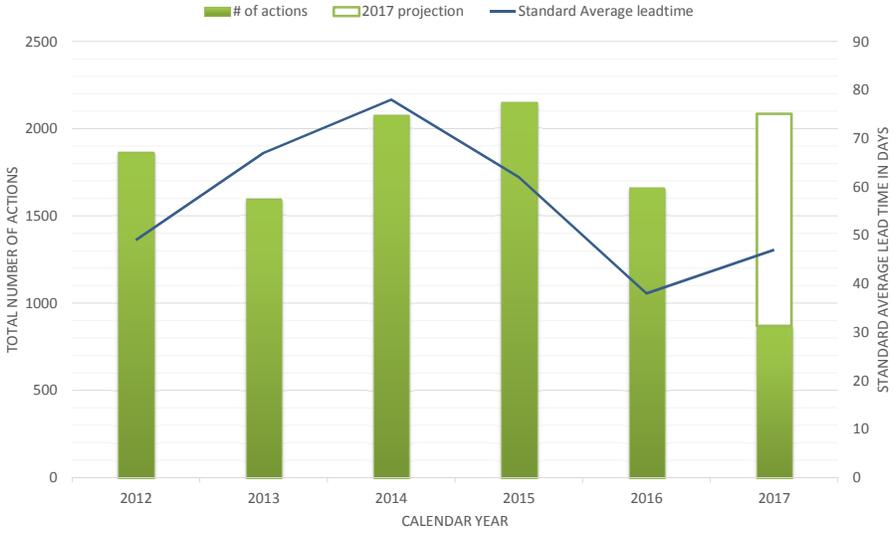
- Provided new electronic asbestos notification system in March 2017
 - Notify and pay fees online
 - Access system 24/7
 - Easily revise and cancel notifications

IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

Construction Permit Slides

IOWA DEPARTMENT OF NATURAL RESOURCES
 CHUCK GIPP, DIRECTOR 

Construction Permit Issuance and Lead Times



IOWA DEPARTMENT OF NATURAL RESOURCES
 CHUCK GIPP, DIRECTOR 

Recent Efficiencies

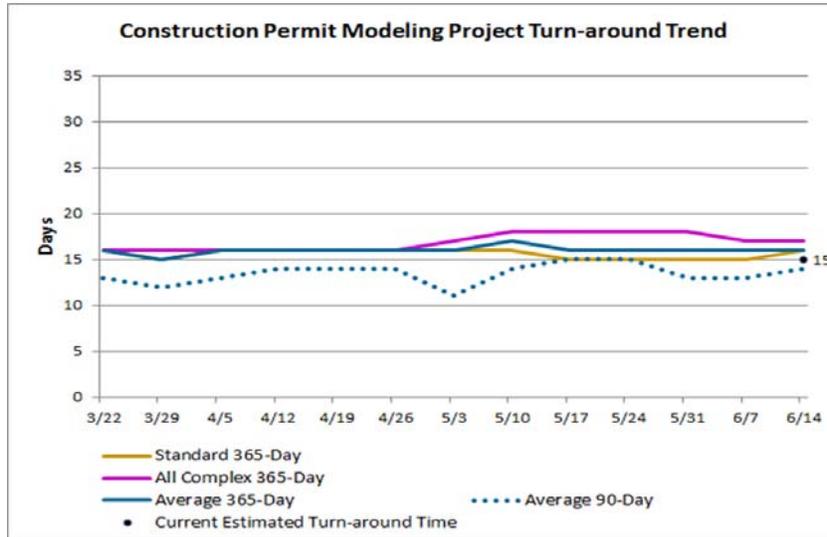
- Easier to Complete Application Process
 - Common sense forms with clear instructions
 - Stable and predictable leadtimes
 - Development of SPARS replacement criteria and evaluation of replacement options
- Easier to Understand Permits
 - Updated Permit Framework
 - Creation of collection of air permits (CAP) option



Recent Efficiencies

- More Consistent Permits
 - Established internal consistency coordinator
 - Updated Manual and SOP
- Business Assistance Tools
 - Permit modification necessary factsheet
 - Construction activities allowed prior to permit issuance factsheet
 - Change in ownership FAQ





IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

Business Assistance Tools

- Reduced model concentrations through improved characterization of surface friction velocity (Adjust- u^*)
 - Updated 19 preprocessed meteorological data sets to include new algorithm
 - Conducted sensitivity analysis: Significant concentration reductions from emissions releases in complex terrain, from ground-level sources, and for short term averaging periods

IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

Business Assistance Tools

- Reduced model over-prediction and allowed for more appropriate source characterization
 - Implementation of Appendix W changes
 - Regulatory options to address plume rise for horizontal and capped stacks
 - Nitrogen Dioxide Tier 2 and Tier 3 screening techniques
 - Reviewed and updated modeling guidance, checklists, and templates to incorporate Appendix W changes

Business Assistance Tools

- Simplified, easier to use approach for modeling determinations
 - Updated Form MD
 - Common sense instructions
- Implementation of new methodology for determination of air resource use
 - Database of modeled concentrations
 - Air Summary Report



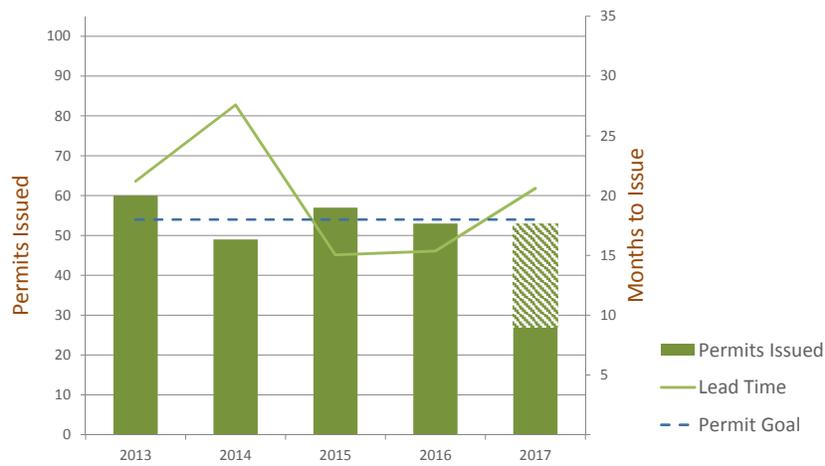
Air Program Assistance Activities

- Ensured no impact of monitoring network changes on background values
- Fast tracked modeling for construction projects in nonattainment & maintenance areas
 - Muscatine (SO₂ and PM_{2.5})
 - Buffalo (PM₁₀)
- Reduced costs for implementation of SO₂ Data Requirements Rule
 - Round 2: modeled three areas
 - Round 3: modeled three areas (one cross state)

DNR Title V Slides

1

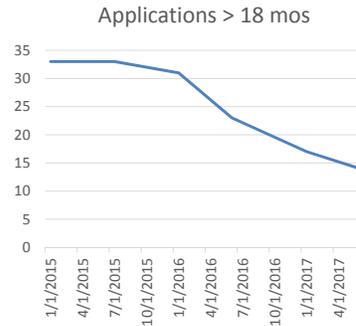
Title V Permits Issued & Lead Time 2013 - 2017



2

Recent Improvements

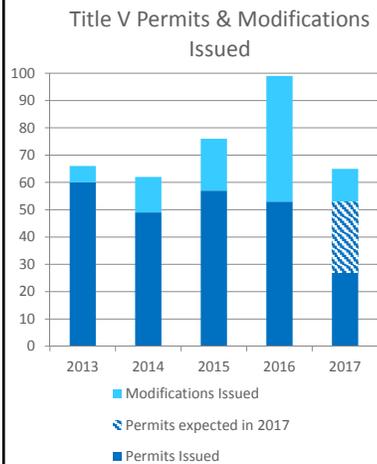
- Timely permits:
 - 41 hrs/permit (avg since 1/15/16)
 - < 5 month turnaround time (avg since 1/15/16)
- Reduced backlog (applications older than 18 months)
 - 48% reduction since 1/15/16
 - Highest % of on-time permits in EPA R7



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR



Recent Improvements



- Easier to Apply (2016 VSM)
 - Allowing use of old forms & photocopies
 - Simplified forms, including Excel versions
 - Pre-application meetings
- Timely modifications
 - 240% increase between 2015 and 2016

IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

