

## HYBRID MEETING AGENDA

### Agricultural Best Management Practices Committee

Thursday, April 2, 2026, 1:00 p.m. – 3:00 p.m. MST

#### Join Meeting Via Zoom:

<https://azdeq.zoom.us/j/86389010814?pwd=MxuboFB4PSC4vmWitSeAYrbB06RZEK.1>

Meeting ID: 863 8901 0814; Passcode: 615760

#### In-Person:

Arizona Rock Products Association  
916 W Adams St # 1, Phoenix, AZ 85007

- I. CALL TO ORDER
  - A. Introduction of Committee Members and Roll Call - *Paul Ollerton, AgBMP Committee Chair*
- II. REVIEW AND APPROVE PRIOR MEETING MINUTES
  - A. Review and approve March 2, 2026 meeting minutes - *Paul Ollerton, AgBMP Committee Chair*
- III. DISCLOSURE OF CONFLICTS OF INTEREST - *Paul Ollerton, AgBMP Committee Chair*
- IV. AGENDA ITEMS FOR CONSIDERATION AND DISCUSSION
  - A. Department of Agriculture Reporting Updates - *Rusty Van Leuven, Department of Agriculture*
  - B. AgBMP General Permit Record Form - *Paul Ollerton, AgBMP Committee Chair*
  - C. Review and consider approval of amendments to the Arizona Administrative Code (A.A.C.) R18-2-610.03 Agricultural PM General Permit for Crop Operations; Pinal County PM Nonattainment Area - *Steven Burr, ADEQ*
  - D. Review and consider approval of amendments to A.A.C. R18-2-611.03 Agricultural PM General Permit for Animal Operations; Pinal County PM Nonattainment Area - *Steven Burr, ADEQ*
  - E. Discussion about the Three-Year Survey completed in 2025 pursuant to A.A.C. R18-2-610.03(D) and R18-2-611.03(I) and future reporting to ADEQ - *Paul Ollerton, AgBMP Committee Chair*
  - F. Future meeting - *Paul Ollerton, AgBMP Committee Chair*
  - G. Committee vacancies - *Paul Ollerton, AgBMP Committee Chair*
- V. CALL TO THE PUBLIC
  - A. This is the time for the public to comment. Members of the Committee may not discuss items that are not specifically identified on the agenda. Therefore, pursuant to A.R.S. § 38-431.01 (H), action taken as a result of public comment will be limited to directing staff to study the matter, responding to any criticism, or scheduling the matter for further consideration and discuss the decision at a later date. - *Paul Ollerton, AgBMP Committee Chair*
  - B. Two-minute limit per speaker. - *Paul Ollerton, AgBMP Committee Chair*
- VI. ADJOURNMENT - *Paul Ollerton, AgBMP Committee Chair*

For additional information about this meeting, contact Lisa Tomczak at 602-771-4450 or [airplanning@azdeq.gov](mailto:airplanning@azdeq.gov). At least 24 hours prior to any meeting, a copy of the agenda will be available for public inspection at the Arizona Department of Environmental Quality (ADEQ), 1110. W. Washington Street, Phoenix, AZ 85007, and at the ADEQ's Southern Regional Office, 400 W. Congress Street, Suite 433, Tucson, AZ 85701, or online at [azdeq.gov/Events](http://azdeq.gov/Events).

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## **Governor's Agricultural Best Management Practices (AgBMP) Committee Meeting**

Monday, March 2, 2026, 1:00 p.m.

### **Zoom Link:**

<https://azdeq.zoom.us/j/86819283281?pwd=1drppyoZzi6jrycVYGtxqcQ4mh1Yqo.1>

Meeting ID: 868 1928 3281; Passcode: 947466

### **In-Person:**

Arizona Rock Products Association 916 W Adams St # 1, Phoenix, AZ 85007

### **COMMITTEE MEMBERS PRESENT:**

Paul Ollerton, Chairman, Cotton Producer

William Thelander, Grain Producer

William Heiden, Beef Cattle Feedlots

Kimberly Butler, County Air Quality Department or Agency

James Boyle Jr., Dairy Operations

Robert Boyle, Alfalfa Producer

Harold Payne, Citrus Producer

Sheldon Jones, AZ Department of Agriculture Director or Designee

Keisha Tatem, State Conservationist, USDA NRCS Director or Designee

Jamilah McCoy, State Resource Conservationist, USDA NRCS Director or Designee

Daniel Czecholinski, AZ Department of Environmental Quality Director or Designee

### **COMMITTEE MEMBERS ABSENT:**

Alfredo Sotomayor, Swine Facilities

William Paul Heiden, Beef Cattle Feedlot

Dr. Joseph Blankinship, Soil Taxonomist of the College of Agriculture at University of Arizona

Vacant, Vegetable Producer

Vacant, Poultry Facilities

Vacant, Dean of the College of Agriculture at University of Arizona

### **OTHER MEETING ATTENDEES:**

Matthew Poppen, Maricopa Association of Governments

Anita Lee, U.S. Environmental Protection Agency, Region 9

Lisa Beckham, U.S. Environmental Protection Agency, Region 9

Douglas Bushey, U.S. Environmental Protection Agency, Region 9

Jennifer Williams, U.S. Environmental Protection Agency, Region 9

Laura Ballard, Maricopa Association of Governments

Bas Aja, AZ Cattle Feeder's Association

Jadee Rohner, AZ Cotton Grower's Association

Nicole Clements, Maricopa County Farm Bureau

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Cheryl Koury, Arizona Nursery Association

Russell Van Leuven, AZ Department of Agriculture  
Hether Krause, AZ Department of Environmental Quality  
Chelsey Fenton, AZ Department of Environmental Quality  
Kelly Poole, AZ Department of Environmental Quality  
Sean Sandy, AZ Department of Environmental Quality  
Steven Burr, AZ Department of Environmental Quality  
Lisa Tomczak, AZ Department of Environmental Quality  
Dennise Flanigan, AZ Department of Environmental Quality  
Lexi Ahmad, AZ Department of Environmental Quality  
Tara Ousley, AZ Department of Environmental Quality

**I. CALL TO ORDER:**

A. Introduction of Committee Members and Roll Call.

At 1:09 p.m., Chairman Ollerton called the meeting to order. Hether Krause called roll and a quorum was established.

**II. REVIEW AND APPROVE PRIOR MEETING MINUTES:**

A. Review and approve April 10, 2025, meeting minutes. Chairman Ollerton asked for a motion to approve the April 10, 2025 meeting minutes. Robert Boyle moved for the Committee to approve the April 10, 2025 meeting minutes, seconded by Keisha Tatem and the motion passed.

**III. DISCLOSURE OF CONFLICTS OF INTEREST:**

A. There were no disclosures of conflicts of interest.

**IV. HISTORY AND OVERVIEW OF THE WEST PINAL COUNTY PM-10 NONATTAINMENT AREA:**

A. Matthew Poppen, Director of Environmental Planning, Maricopa Association of Governments (MAG), gave a presentation on the history and overview of the West Pinal County PM10 Nonattainment area. Mr. Poppen said that the U.S. Environmental Protection Agency (EPA) initially designated the West Pinal County PM10 Nonattainment Area as a Moderate area in 2012. Mr. Poppen said that the area was required to attain the PM10 standard by December 31, 2018. Mr. Poppen said that the EPA PM10 standard is to have no more than one exceedance per monitor over a three-year period and anything above that is a violation of the PM10 standard. Mr. Poppen discussed the planning and regulatory actions timeline from 2015 to present. Mr. Poppen discussed why EPA's approval of the Agricultural Best Management Practices (AgBMP) rules matter. Bas Aja, Executive Vice President, Arizona Cattle Feeder's Association, asked if the EPA will need to complete a Federal Implementation Plan (FIP) before issuing the sanctions or can they issue the sanctions without a FIP. Matt Poppen said that the sanctions are issued immediately by the EPA after final disapproval of the 5% Plan and then a FIP would follow.

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**V. AGENDA ITEMS FOR CONSIDERATION AND DISCUSSION:**

- A. Pre-BMP notice-identifying which BMPs will be selected for the year. There was no discussion on this topic.
- B. Post-BMP notice-indicating which BMPs were actually implemented. There was no discussion on this topic.
- C. Direct submission of BMP forms to the Department with the name and mailing address of the commercial farmer, location of the commercial farm, signature and BMP information. Russell Van Leuven, Air Quality Program Manager, Arizona Department of Agriculture (AZDA), reviewed the two different draft versions of the Regulated Grower Permit (PGP) New Application that included BMPs for selection by the grower on the second page. Mr. Van Leuven said the development of these draft PGP's was a joint effort between AZDA, Chairman Ollerton and Jadee Rohner, Executive Director, Arizona Cotton Grower's Association. Chairman Ollerton said the purpose of the draft PGP forms are for growers to be able to purchase chemicals for their farm. Steven Burr, Sr. Environmental Consultant, Arizona Department of Environmental Quality (ADEQ), asked Chairman Ollerton a question about concerns that the PGP submitter's contact information, mailing address and farm location (map or legal description) are not currently listed on the second page of the draft PGP forms, which would be the page that is submitted to ADEQ. Chairman Ollerton said he would correct the draft PGP forms to include the submitter's contact information, mailing address and farm location (map or legal description) on the second page of the form. Dennise Flanigan, Inspector, ADEQ, said that farmers often have several farms that are spread out and sometimes even in different counties so having a parcel number or the geographical coordinates of the farm on the PGP form would be helpful to ADEQ. Keisha Tatem, State Conservationist, U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) said that the USDA has created a new pilot program called 'One Farmer, One File', scheduled to start rolling out in phases in April 2026. The program will allow farmers to access all of their farm files across different federal agencies in one centralized location. Daniel Czecholinski, Air Quality Division Director, ADEQ said that the purpose of the PGP form is to increase accountability for AgBMP which will help improve air quality.
- D. Review and discuss possible amendments to the Arizona Administrative Code (A.A.C.) R18-2-610.03 Agricultural PM General Permit for Crop Operations; Pinal County PM Nonattainment Area. Steven Burr said that the previously suggested edits have been made in the draft rule titled, "Agricultural PM General Permit for Crop Operations; Pinal County PM Nonattainment Area". Mr. Burr discussed the additional suggested edits and said that he would add them. Chairman Ollerton said that a Memorandum of Understanding (MOU) will be needed between AZDA and ADEQ to address the sharing of data. Anita Lee, Acting Director of the Air and Radiation Division, EPA discussed the timeframe of the rule revisions and why the

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- timeframe is important to EPA. Ms. Lee said that EPA has been working closely with ADEQ, MAG and other organizations to discuss a path forward for the attainment plan that will hopefully result in EPA approving the plan. Ms. Lee said the timeline is tight because the attainment date for the area is December 31, 2026. Ms. Lee said the current data shows the area will not attain by the attainment date and that is why the revised plan is important to show increased enforceability of the AgBMP revised rules to account for the nonattainment.
- E. Future meeting. Chairman Ollerton said that the AgBMP Committee will schedule a follow-up meeting in late March or early April 2026 to vote on the draft PGP form that includes BMPs and discuss related draft rule revisions.
  - F. Committee vacancies. Chairman Ollerton said there are currently two vacant positions on the AgBMP Committee, which are the roles of Vegetable Producer and Poultry Facilities. Chairman Ollerton asked the AgBMP Committee if they know anyone that is interested in serving on the AgBMP Committee to let Hether Krause know.

**VI. CALL TO THE PUBLIC:**

- A. No members of the public spoke.

**VII. ADJOURNMENT:**

- A. Chairman Ollerton asked for a motion to adjourn the meeting. Robert Boyle moved to adjourn the meeting, seconded by Sheldon Jones and the motion passed. The meeting adjourned at 2:37 p.m.

**TITLE 18. ENVIRONMENTAL QUALITY**  
**CHAPTER 2. DEPARTMENT OF ENVIRONMENTAL QUALITY - AIR POLLUTION**  
**CONTROL**

**ARTICLE 6. EMISSIONS FROM EXISTING AND NEW NONPOINT SOURCES**

- R18-2-610.03. Agricultural PM General Permit for Crop Operations; Pinal County PM Nonattainment Area
- R18-2-611.03. Agricultural PM General Permit for Animal Operations; Pinal County PM Nonattainment  
Area

## ARTICLE 6. EMISSIONS FROM EXISTING AND NEW NONPOINT SOURCES

### **R18-2-610.03. Agricultural PM General Permit for Crop Operations; Pinal County PM Nonattainment Area**

- A.** On the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, a commercial farmer shall ensure implementation of best management practices as described in subsections (B)(1)(b), (B)(2)(b), (B)(3)(b), (B)(4)(b), and (B)(5)(b).
- B.** On all days, a commercial farmer shall implement at least two best management practices from each category to reduce PM emissions, as described in subsections (1)(a), (2)(a), (3)(a), (4)(a), (5)(a), and (6). If a commercial farmer implements the Conservation tillage or Reduced tillage system best management practice for the tillage category, they do not have to implement a best management practice from the subsections (2)(a), (2)(b), (5)(a) and (5)(b).
1. Tillage:
    - a. A commercial farmer shall implement at least two of the following:
      - i. Combining tractor operations,
      - ii. Equipment modification,
      - iii. Multi-year crop,
      - iv. Cessation of night tilling,
      - v. Planting based on soil moisture,
      - vi. Precision farming,
      - vii. Tillage based on soil moisture,
      - viii. Timing of a tillage operation,
      - ix. Transgenic crops,
      - x. Transplanting,
      - xi. Reduced tillage system, or
      - xii. Conservation tillage.
    - b. Unless choosing limited tillage activity (subsection iv, below), on the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, a commercial farmer shall ensure implementation of at least one of the following:
      - i. Multi-year crop,
      - ii. Planting based on soil moisture,
      - iii. Tillage based on soil moisture,
      - iv. Limited tillage activity,
      - v. Reduced tillage system, or
      - vi. Conservation tillage.
  2. Ground Operations and Harvest:
    - a. A commercial farmer shall implement at least two of the following:

- i. Combining tractor operations,
  - ii. Equipment modification,
  - iii. Chemical irrigation,
  - iv. Green chop,
  - v. Integrated pest management,
  - vi. Multi-year crop,
  - vii. Precision farming,
  - viii. Reduced harvest activity,
  - ix. Transgenic crops, or
  - x. Shuttle System/Larger Carrier.
- b. Unless choosing limited harvest activity in subsection (iv), on the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, a commercial farmer shall ensure implementation of at least one of the following:
- i. Green chop,
  - ii. Integrated pest management,
  - iii. Multi-year crop, or
  - iv. Limited harvest activity.
3. Noncropland:
- a. A commercial farmer shall implement at least two of the following best management practices:
- i. Access restriction,
  - ii. Aggregate cover,
  - iii. Wind barrier,
  - iv. Critical area planting,
  - v. Organic material cover,
  - vi. Reduce vehicle speed,
  - vii. Synthetic particulate suppressant, or
  - viii. Watering.
- b. Unless choosing watering on a high risk day in subsection (vi), on the day before and during a day forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, on a noncropland area that experiences more than 20 VDT from two or more axle vehicles, commercial farmer shall ensure implementation of at least one of the following best management practices:
- i. Aggregate cover,
  - ii. Wind barrier,
  - iii. Critical area planting,
  - iv. Organic material cover,
  - v. Synthetic particulate suppressant, or

- vi. Watering on a high risk day.
  - c. On each day that traffic accounts for 50 or more vehicle daily trips, or 20 or more vehicle daily trips with three or more axels, within an unpaved vehicle or equipment traffic area, the opacity of emissions shall be limited to no more than 20% measured according to 40 CFR 60, Appendix A, Reference Method 9.
4. Commercial farm roads:
- a. A commercial farmer shall implement at least two of the following best management practices:
    - i. Access restriction,
    - ii. Reduce vehicle speed,
    - iii. Track-out control system,
    - iv. Aggregate cover,
    - v. Synthetic particulate suppressant,
    - vi. Watering, or,
    - vii. Organic material cover.
  - b. Unless choosing watering on a high risk day in subsection (vi), on the day before and during a day forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, on a road that experiences more than 20 VDT from two or more axle vehicles, a commercial farmer shall ensure implementation of at least one of the following best management practices:
    - i. Aggregate cover,
    - ii. Synthetic particulate suppressant,
    - iii. Wind barrier,
    - iv. Organic material cover,
    - v. Roads are stabilized as determined by the silt content test method,
    - vi. Watering on a high risk day.
5. Cropland:
- a. A commercial farmer shall implement at least two of the following best management practices, one from subsections (i) through (vii), and one from subsections (viii) through (x†), to reduce PM emissions from cropland:
    - i. Wind barrier,
    - ii. Cover crop,
    - iii. Cross-wind ridges,
    - iv. Chips/mulches,
    - v. Sequential cropping,
    - vi. Residue management,
    - vii. Surface roughening,
    - viii. Multi-year crop,

- ix. Permanent cover, or
  - x. Stabilization of soil prior to plant emergence.
- b. On the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, a commercial farmer shall ensure implementation of at least one of the following:
- i. Wind barrier,
  - ii. Cover crop,
  - iii. Cross-wind ridges,
  - iv. Chips/mulches,
  - v. Surface roughening,
  - vi. Multi-year crop,
  - vii. Permanent cover,
  - viii. Stabilization of soil prior to plant emergence, or
  - ix. Residue management.

6. Significant Agricultural Earth Moving Activities:

- a. Apply water prior to conducting Significant Agricultural Earth Moving Activities and/or time Significant Agricultural Earth Moving Activities to coincide with precipitation. Soil must have a minimum soil moisture content of 50% of field capacity. Compliance shall be determined by NRCS Estimating Soil Moisture by Feel and Appearance Method, amended through April 1998 (and no future editions);
- b. Apply water during Significant Agricultural Earth Moving Activities. Soil must have a minimum soil moisture content of 30% of field capacity. Compliance shall be determined by NRCS Estimating Soil Moisture by Feel and Appearance Method, amended through April 1998 (and no future editions);
- c. Limit activities on a day identified by the ~~Maricopa or~~ Pinal County Dust Control Forecast to be high risk for dust generation; or
- d. Conduct Significant Agricultural Earth Moving Activities in a manner to reduce a minimum of one ground operation across a commercial farm by using equipment that is the most efficient means of moving the soil.

C. ~~From and after December 31, 2015, By no later than January 1 of each calendar year, a commercial farmer who engages in a regulated agricultural activity shall complete and submit a Best Management Practices Program General Permit Record Form demonstrating compliance with this rule on the form and in the manner established by the Department in consultation with the committee. The manner of submission may include a process allowing the commercial farmer to submit the form to the Arizona Department of Agriculture, in which case the Arizona Department of Agriculture shall forward the completed form to the Department. Thereafter, a new Best Management Practices Program General Permit Record Form shall be completed every year by March 31. The Form shall be provided to the Director within two business days of notice to the~~

~~commercial farmer.~~ The Best Management Practice Program General Permit Record Form shall include at a minimum the following information:

- ~~1. The name, signature and mailing address of the commercial farmer responsible for compliance at the commercial farms covered by the form<sup>1</sup>, signature, and date signed;~~
- ~~2. The mailing street addresses or a description of the physical address locations of the commercial farms covered by the form; and~~
- ~~3. The following information for each best management practice selected for tillage, ground operations and harvest, cropland, noncropland, commercial farm roads, and significant earth moving activities (if applicable); and~~
- ~~4. Any additional best management practices selected for high risk days as predicted by the Pinal County Dust Control Forecast.~~
3. The best management practices selected by the commercial farmer for the year beginning on the due date for the form for tillage, ground operations and harvest, noncropland, commercial farm roads, cropland and significant earth moving activities in order to comply with subsection (B);
4. Identification of the area or crop subject to each best management practice selected; and
5. Certification based on information reasonably available at the time of form submission that the best management practices selected for the year prior to the due date for the form were implemented in accordance with the prior year's Best Management Practice Program General Permit Record Form, including any changes to the form made pursuant to subsection (D), or identification of any times and locations where the selected best management practices were not implemented.

~~D. Beginning in calendar year 2017, and no more than once every subsequent three calendar years, the Director, in conjunction with the Arizona Department of Agriculture, shall provide the commercial farmer with a Best Management Practices Program Three year Survey. The commercial farmer shall complete the Survey with data from the preceding calendar year and submit the Survey to the Arizona Department of Agriculture (ADA) by January 31, 2018, and every three years thereafter. The Survey information submitted to the ADA shall be compiled by the ADA without reference to a commercial farmer's name, shall aggregate the data from the Surveys received, and be submitted to the Department. The Three year Survey shall include the following information:~~

- ~~1. The name, business address, and phone number of the commercial farmer responsible for the preparation and implementation of the best management practices;~~
- ~~2. The signature of the commercial farmer and the date the form was signed;~~

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<sup>1</sup>A commercial farm is currently defined as a contiguous area of land used for agricultural purposes. This language makes it clear that a commercial farmer with operations on noncontiguous properties can file a single form covering all of its operations.

- ~~3. The acreage of each crop type planted/growing during the calendar year that the survey is conducted;~~
- ~~4. The total miles of commercial farm roads at the commercial farm;~~
- ~~5. The total acreage of the noncropland at the commercial farm;~~
- ~~6. The best management practices selected for tillage, ground operations and harvest, cropland, noncropland, commercial farm roads, and significant earth moving activities (if applicable); and~~
- ~~7. Any additional best management practices selected for high risk days as predicted by the Pinal County Dust Control Forecast.~~

~~ED.~~ Records of any changes to the Best Management Practices shall be noted on the Best Management Practices Program General Permit Record Form and shall be kept by the commercial farmer onsite ~~and made available for review by the Director within two business days of notice to the commercial farmer.~~

~~EE.~~ A person may develop different practices to control PM emissions not contained in subsections (B)(1) through (B)(6) and may submit such practices that are proven effective through on-farm demonstration trials to the Committee.

~~EF.~~ A commercial farmer shall maintain a record demonstrating compliance with this Section for three years. Records shall include a copy of the complete Best Management Practice Program General Permit Record Form and other records reasonably necessary and appropriate to confirm implementation of each best management practice. Complete and accurate records kept on forms supplied by the Department for a particular best management practice shall be deemed to comply with the requirements of this subsection with regard to that best management practice. Records maintained under this subsection and subsection (D) shall be made available immediately on request during an inspection or within two business day of receipt of a written request from the Department.

~~EG.~~ The Director shall not assess a fee to a commercial farmer for coverage under the agricultural PM general permit.

~~EH.~~ A commercial farmer shall ensure that the implementation of all selected best management practices does not violate any other local, state, or federal law.

~~EJ.~~ The Director shall document noncompliance with this Section before issuing a compliance order.

~~EK.~~ A commercial farmer who is not in compliance with this Section is subject to the provisions in A.R.S. § 49-457(J), (K), and (L).

~~EL.~~ If the administrator redesignates the Pinal County PM Nonattainment Area to attainment, the Committee may initiate a rulemaking to adjust the frequency of the reporting requirements under subsection (C) as appropriate.

**R18-2-611.03. Agricultural PM General Permit for Animal Operations; Pinal County PM Nonattainment Area**

- A.** A commercial animal operator within the Pinal County PM Nonattainment Area shall implement at least one best management practice from each of the categories identified in subsection (D)(5) and (E)(5) and two best management practices from each of the other categories to reduce PM emissions.
- B.** In addition to subsection (A), on the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast, commercial dairy operations within the Pinal County PM Nonattainment Area shall apply and maintain one of the four following BMPs on unpaved roads that experience more than 20 VDT from two or more axle vehicles:
  - 1. Apply and maintain pavement in high traffic areas,
  - 2. Apply and maintain aggregate cover,
  - 3. Apply and maintain synthetic particulate suppressant, or
  - 4. Apply and maintain water as a dust suppressant.
- C.** In addition to subsection (A), commercial beef feedlots within the Pinal County PM Nonattainment Area, shall add water to pen surface, as defined in R18-2-611(3)(a), on the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast.
- D.** A commercial dairy operation shall implement the following best management practices, as described in subsection (A), from each of the following categories:
  - 1. Arenas, Corrals, and Pens:
    - a. Use free stall housing,
    - b. Provide shade in corral,
    - c. Provide cooling in corral,
    - d. Cement cattle walkways to milk barn,
    - e. Groom manure surface,
    - f. Water misting systems,
    - g. Use drag equipment to maintain pens,
    - h. Pile manure between cleanings,
    - i. Feed green chop,
    - j. Keep calves in barns or hutches,
    - k. Do not run cattle,
    - l. Apply a fibrous layer, or
    - m. Wind barrier.
  - 2. Animal Waste (and Feed) Handling and Transporting:
    - a. Feed higher moisture feed to dairy cattle,
    - b. Store and maintain feed stock,
    - c. Covers for silage,

- d. Store silage in bunkers,
- e. Cover manure hauling trucks, or
- f. Do not load manure trucks with dry manure when wind exceeds 15 mph.

3. Unpaved Access Connections:

- a. Install signage to limit vehicle speed to 15 mph,
- b. Install speed control devices,
- c. Restrict access to through traffic,
- d. Install and maintain a track-out control device,
- e. Apply and maintain pavement in high traffic areas,
- f. Apply and maintain aggregate cover,
- g. Apply and maintain synthetic particulate suppressant, or
- h. Apply and maintain water as a dust suppressant.

4. Unpaved Roads or Feed Lanes:

- a. Install engine speed governors on feed truck to 15 mph,
- b. Install signage to limit vehicle speed to 15 mph,
- c. Install speed control devices,
- d. Restrict access to through traffic,
- e. Apply and maintain pavement in high traffic areas,
- f. Apply and maintain aggregate cover,
- g. Apply and maintain synthetic particulate suppressant,
- h. Apply and maintain water as a dust suppressant,
- i. Use appropriate vehicles such as electric carts or small utility vehicles instead of trucks, or
- j. Apply and maintain pavement or cement feed lanes.

5. Unpaved Vehicle or Equipment Traffic Area:

- a. Apply and maintain aggregate cover,
- b. Apply and maintain synthetic particulate suppressant,
- c. Apply and maintain water as a dust suppressant, or
- d. Use appropriate vehicles such as electric carts or small utility vehicles instead of trucks.

**E.** A commercial beef cattle feedlot shall implement the following best management practices, as described in subsection (A), from each of the following categories:

1. Arenas, Corrals, and Pens:

- a. Concrete aprons,
- b. Provide shade in corral,
- c. Add water to pen surface,
- d. Manure removal,
- e. Pile manure between cleanings,

- f. Feed higher moisture feed to beef cattle,
- g. Control cattle during movements,
- h. Use drag equipment to maintain pens,
- i. Apply a fibrous layer, or
- j. Wind barrier.

2. Animal Waste (and Feed) Handling and Transporting:

- a. Feed higher moisture feed to beef cattle;
- b. Add molasses or tallow to feed,
- c. Store and maintain feed stock,
- d. Bulk materials,
- e. Use drag equipment to maintain pens,
- f. Cover manure hauling trucks, or
- g. Do not load manure when wind exceeds 15 mph.

3. Unpaved Access Connections:

- a. Install and maintain a track-out control device,
- b. Apply and maintain pavement in high traffic areas,
- c. Apply and maintain aggregate cover,
- d. Apply and maintain synthetic particulate suppressant, or
- e. Apply and maintain water as a dust suppressant.

4. Unpaved Roads or Feed Lanes:

- a. Install engine speed governors on feed truck to 15 mph,
- b. Install signage to limit vehicle speed to 15 mph,
- c. Install speed control devices,
- d. Restrict access to through traffic,
- e. Apply and maintain pavement in high traffic areas,
- f. Apply and maintain aggregate cover,
- g. Apply and maintain synthetic particulate suppressant,
- h. Apply and maintain water as a dust suppressant, or
- i. Apply and maintain oil on roads or feed lanes.

5. Unpaved Vehicle or Equipment Traffic Area:

- a. Apply and maintain aggregate cover,
- b. Apply and maintain synthetic particulate suppressant,
- c. Apply and maintain water as a dust suppressant, or
- d. Use appropriate vehicles such as electric carts or small utility vehicles instead of trucks.

**F.** A commercial poultry facility shall implement the following best management practices, as described in subsection (A), from each of the following categories:

1. Arenas, Corrals, and Pens (Housing):
  - a. Clean fans, louvers, and soffit inlets in a commercial poultry facility,
  - b. Use no bedding,
  - c. Control vegetation on building exteriors,
  - d. Add moisture through ventilation systems, or
  - e. House in fully enclosed ventilated buildings.
2. Animal Waste (and Feed) Handling and Transporting:
  - a. Remove spilled feed,
  - b. Store feed,
  - c. Add oil and/or moisture to the feed,
  - d. Use enclosed feed distribution system,
  - e. Use flexible discharge spout,
  - f. Minimize drop distance,
  - g. Enclose transfer points,
  - h. Clean floors and walls in a commercial poultry facility,
  - i. Clean aisles between cage rows,
  - j. Stack separated manure solids, or
  - k. Maintain moisture in manure solids.
3. Unpaved Access Connections:
  - a. Install speed control devices,
  - b. Restrict traffic access,
  - c. Install and maintain a track-out control system, or
  - d. Install signage to limit vehicle speed to 15 mph.
4. Unpaved Roads or Feed Lanes:
  - a. Install engine speed governors on feed trucks to 15 mph,
  - b. Install signage to limit vehicle speed to 15 mph,
  - c. Install speed control devices,
  - d. Restrict traffic access,
  - e. Apply and maintain aggregate cover,
  - f. Apply and maintain synthetic particulate suppressant,
  - g. Apply and maintain water, or
  - h. Apply and maintain oil on roads or feed lanes.

**G.** A commercial swine facility shall implement the following best management practices, as described in subsection (A), from each of the following categories:

1. Arenas, Corrals, and Pens (Housing):
  - a. House in fully enclosed ventilated buildings,

- b. Use no bedding,
  - c. Use a slatted floor system,
  - d. Use sloped concrete flooring,
  - e. Clean fans, louvers, and soffit inlets in a commercial swine facility,
  - f. Control vegetation on building exteriors, or
  - g. Add moisture through ventilation systems.
2. Animal Waste (and Feed) Handling and Transporting:
- a. Remove spilled feed,
  - b. Store feed,
  - c. Add oil and/or moisture to feed,
  - d. Use enclosed feed distribution system,
  - e. Use flexible discharge spout,
  - f. Minimize drop distance,
  - g. Enclose transfer points,
  - h. Clean pens, floors, and walls in a commercial swine facility,
  - i. Clean aisles between pens and stalls,
  - j. Store separated manure solids in a wind-blocked area,
  - k. Stack separated manure solids,
  - l. Maintain moisture in manure solids, or
  - m. Maintain liquid lagoon level.
3. Unpaved Access Connections:
- a. Install speed control devices,
  - b. Restrict traffic access,
  - c. Install and maintain a track-out control system,
  - d. Install signage to limit vehicle speed to 15 mph.
4. Unpaved Roads or Feed Lanes:
- a. Install engine speed governors on feed trucks to 15 mph,
  - b. Install signage to limit vehicle speed to 15 mph,
  - c. Install speed control devices,
  - d. Restrict traffic access,
  - e. Apply and maintain aggregate cover,
  - f. Apply and maintain synthetic particulate suppressant,
  - g. Apply and maintain water,
  - h. Apply and maintain oil on roads or feed lanes, or
  - i. Wind barrier.

- H. ~~From and after December 31, 2015, By no later than January 1 of each calendar year, a commercial animal operator who engages in a regulated agricultural activity shall complete and submit a Best Management Practices Program General Permit Record Form on the form and in the manner established by the Department in consultation with the committee. Thereafter, a new Best Management Practices Program General Permit Record Form shall be completed every year by March 31. The Form shall be provided to the Director within two business days of notice to the commercial animal operator.~~ The Best Management Practices Program General Permit Record Form shall include at a minimum the following information:
1. The name, signature and mailing address of the commercial animal operator responsible for compliance at the commercial animal operations covered by the form, signature, and date signed,
  2. The mailing street addresses or a description of the physical address locations of the commercial animal operations covered by the form, and
  3. The best management practices selected by the commercial animal operator for the year beginning on the due date for the form for Arenas, Corrals, and Pens, Animal Waste Handling and Transporting, Unpaved Access Connections, and Unpaved Roads or Feed Lanes in order to comply with this Section,;
  4. Identification of the area subject to each best management practice selected, and
  5. Certification based on information reasonably available at the time of form submission that the best management practices selected for the year prior to the due date for the form were implemented in accordance with the prior year's Best Management Practice Program General Permit Record Form, including any changes to the form made pursuant to subsection (I), or identification of any times and locations where the selected best management practices were not implemented.
- I. ~~Beginning in calendar year 2017, and no more than once every subsequent three calendar years, the Director shall provide the commercial animal operator with a Best Management Practices Program Three-year Survey. The commercial animal operator shall complete the Survey with data from the preceding calendar year and submit the Survey to the Arizona Department of Agriculture (ADA) by January 31, 2018, and every three years thereafter. The Survey information submitted to the ADA shall be compiled by the ADA in a format that does not refer to a commercial animal operator's name, shall aggregate the data from the Surveys received, and be submitted to the Department. The Three year Survey shall include the following information:~~
1. ~~The name, business address, and phone number of the commercial farmer responsible for the preparation and implementation of the best management practices;~~
  2. ~~The signature of the commercial farmer and the date the form was signed;~~
  3. ~~The number of animals in a commercial dairy operation, beef cattle feed lot, poultry facility or swine facility;~~
  4. ~~The total miles of unpaved roads at the commercial dairy operation, beef cattle feed lot, poultry facility or swine facility;~~
  5. ~~The total acreage of the unpaved access connections and equipment areas at the commercial dairy operation, beef cattle feed lot, poultry facility or swine facility;~~

- ~~6. The best management practices selected for each category; and~~
- ~~7. For commercial dairy operations and beef cattle feedlots, an acknowledgment that water was applied on the day of a high risk day as predicted by the Pinal County Dust Control Forecast. Records of any changes to the Best Management Practices shall be noted on the Best Management Practices Program General Permit Record Form and shall be kept by the commercial animal operator onsite.~~
- J.** ~~Beginning January 1, 2016, a~~ A commercial animal operator shall maintain records demonstrating compliance with this Section for three years. Records shall include a copy of the complete Best Management Practice Program General Permit Record Form and other records reasonably necessary and appropriate to confirm implementation of each best management practice ~~and any changes to the best management practices.~~ Complete and accurate records kept on forms supplied by the Department for a particular best management practice shall be deemed to comply with the requirements of this subsection with regard to that best management practice. Records shall be kept by the commercial animal operator onsite and made available ~~for review by the Director~~ immediately on request during an inspection or within two business days of notice to the commercial animal operator receipt of a written request from the Department.
- K.** A person may develop different practices not contained in subsections (D), (E), (F), or (G) that reduce PM and may submit such practices that are proven effective through on-operation demonstration trials to the Committee.
- L.** The Director shall not assess a fee to a commercial animal operator for coverage under the agricultural PM general permit.
- M.** A commercial animal operator shall ensure that the implementation of all selected best management practices does not violate any other local, state, or federal law.
- N.** The Director shall document noncompliance with this Section before issuing a compliance order.
- O.** A commercial animal operator who is not in compliance with this Section is subject to the provisions in A.R.S. § 49-457(J), (K), and (L).
- P.** If the administrator redesignates the Pinal County PM Nonattainment Area to attainment, the Committee may initiate a rulemaking to adjust the frequency of the reporting requirements under subsection (H) as appropriate.