



PINAL COUNTY
WIDE OPEN OPPORTUNITY

PINAL COUNTY AIR QUALITY CONTROL Dust Permit Application and Dust Control Plan

(As required by A.R.S. §49-480, and Chapter 4, Article 3, Pinal County Air Quality Control District Code of Regulations)

**West Pinal Nonattainment Area
Only**

APPLICANT INFORMATION

Applicant Information must be fully and accurately completed, including full legal names of entities and individuals (no DBA's or trade names).

Section 1. Applicant (Entity to which the permit will be issued)

Relationship to Property (Check all that apply):

Property Owner General/Prime Contractor Sub-Contractor Developer Lessee

Type of Entity: Corporation LLC Company or Partnership Sole Proprietor Individual Government

Name:

Mailing Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Mobile: _____ Fax: _____

Email Address: _____

Section 2. Primary Project Contact (Dust Control Coordinator for work sites 5 acres or more of disturbance)

Name: _____ Title: _____ Email: _____

Office Phone: _____ Mobile: _____ Fax: _____

Section 3. Property Owner/Developer

Check box if same as applicant above

Type of Entity: Corporation LLC Company or Partnership Sole Proprietor Individual Government

Name: _____ Email Address: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Mobile: _____ Fax: _____

Owner(s)/Developer Contact Person: _____ Title: _____

Contact Phone: _____ Contact Mobile: _____ Contact Fax: _____

PROJECT INFORMATION

Section 4. Name of Project or Intended Use

Project Name/Intended Use: _____ Is this a permit renewal? Yes No If **Yes** Provide Previous Permit #: _____

(i.e. SFR – Single Family Residence, MFG - Manufactured Home, Commercial, Road paving, etc.)

Street Address: _____ City: _____ Unincorporated Area (County) Incorporated (City)

Nearest Cross Street North/South: _____ Nearest Cross Street East/West: _____

Parcel Number(s): _____

Multiple parcels – attach parcel list

If only a mother parcel is available at the time of dust control plan submittal and dust permit issuance, once the full parcel list is available the owner and/or operator shall provide the full parcel list to Pinal County Air Quality within 3 business days.

Section 5. Project Scope/Acres of Disturbance (fill in all that apply)

Residential Single-Family: _____ *Acres Residential Multi-Unit: _____ *Acres

Commercial: _____ *Acres Road Construction: _____ *Acres

Trenching: _____ *Linear feet Demolition: _____ *Acres

Weed Control: _____ *Acres Site Prep / Land Development: _____ *Acres

Temporary Storage Yard: _____ *Acres *Each surface area may fall into multiple categories

Section 6. Earthmoving/Disturbance Activity (check all that apply)

Land Stripping Trenching Grading Land Leveling Contouring the Earth Bulk Material Work

Drilling Backfilling Excavating Stockpiling Cutting/Filling Block Utility Work

Grubbing Demolition Landscaping Blasting Weed Abatement Discing / Blading

Parking Vehicle Traffic Utility Work Paving Storage Area(s) Other:

Please Complete the Required Dust Control Plan Below

Permittee is required to provide the Dust Control Plan to

- 1. All project contractors and**
- 2. Subcontractors**

Person Responsible for Dust Control Plan:

Phone Number:

Project name or address:

Parcel(s):

DUST CONTROL PLAN (Sections 7- 18)

Section 7. Site Plot Plan Requirements §4-3-180.C.3.b

Required for all work sites

- All owners and/or operators shall acknowledge the submittal of a site plot plan that includes the following:
- The entire project site/facility boundaries, including boundaries of areas to be disturbed if less than entire project site/facility boundaries.
 - Acres/total square footage to be disturbed
 - Nearest public roads
 - North Arrow
 - Planned exit locations onto areas accessible to the public and
 - Unpaved parking lots (if applicable)

Section 8. Minimum Water Onsite Acknowledgement §4-3-180.C.3.g

Required for all work sites

- All owners and/or operators shall acknowledge the minimum water listed in tables 1 and 2 below are available onsite for their applicable acreage and project phase.

Table 1 – Site Clearing/Removal of Vegetation/Debris/Demolition

Total Acres Disturbed	Minimum Water Available Onsite
0.1 to 1 acre	300-600 gallons per day
1 to 10 acres	600-3,000 gallons per day
10 to 100 acres	3,000-30,000 gallons per day
➤ 100 acres	➤ 30,000 gallons per day

Table 2 – Mass Grading (Minimum Water Available Onsite)

November-February	March-October
5,000 gallons per acre per day	10,000 gallons per acre per day
And	And
30 gallons per cubic yard of material moved	30 gallons per cubic yard of material moved

Section 9. Control Measures §4-3-180.I

Instructions:

- Every applicable section/sub-section requires at least one Primary control measure and at least one Contingency measure. A contingency control measure is the back-up or secondary action(s) that needs to be immediately implemented when the primary control measure(s) fails to adequately control dust emissions at the site. Check the appropriate boxes to indicate the selected control and contingency measures.
- By checking off **P** in each respective area the site representative is electing this as a **Primary** control measure.
- By checking off **C** in each respective area the site representative is electing this as a **Contingency** control measure.
- Where **Ø** has been placed by a "P", the dust control measure **cannot** be used as a primary control measure; this measure may only be considered a contingency control measure when selected.
- Where **Ø** has been placed by a "C", the dust control measure **cannot** be used as a contingency control measure and is required to be used as a primary control measure whenever that section/sub-section applies to a project.

The control measures you choose must ensure compliance with the standards listed in **Sections 14 & 15.**

§4-3-180.C.3.d.i – Control measures must be implemented at all times (including during weekends, after work hours, and on holidays).

If dust suppressants/palliatives are chosen as a primary control measure, please fill in the required information in **Section 9.K**

9.A Worksite Unpaved Haul/Access Roads

Yes No (if no, skip this subsection)

If yes, enter the estimated maximum number of vehicle* trips per day below:

Estimated Maximum # Vehicle* Trips/Day _____

* Includes employee vehicles, earthmoving equipment, haul trucks and water trucks

9.B. Demolition

Yes No (if no, skip this subsection)

1. Stabilize surface soils where support equipment and vehicles will operate by:
 - P C Pre-water and maintain stabilized condition
 - P C Dust palliative – apply and maintain
 - P C Covered in pavement or concrete
2. Stabilize demolition debris during handling by:
 - P C Watering
 - P C Dust palliative – apply and maintain
3. Stabilize surrounding area following demolition by:
 - P C Watering
 - P C Dust palliative – apply and maintain

9.C. Active Areas

Yes No (if no, skip this subsection)

1. High Wind Control Measure (select one)
 - P C Perimeter wind barrier 3 feet or more in height with a porosity of 50% or less
 - P C Install a block wall around the perimeter of the worksite
2. Limit vehicle traffic and disturbance of soils by the use of
 - P C Fencing P C Barricades
 - P C Barriers P C Wind barriers
3. Stabilization control measure
 - P C Watering
 - P C Applying chemical stabilizers/dust suppressants

9.D. Clearing and Grubbing (Site prep and vacant land cleanup)

Yes No (if no, skip this subsection)

1. Stabilize surface soils where support equipment and vehicles will operate by:
 - P C Pre-watering and maintain stabilized condition
 - P C Dust palliative – apply and maintain
2. Stabilize soils during clearing and grubbing by:

(Must select as Primary)

 - P C Watering
3. Stabilize disturbed soils immediately after clearing and grubbing by:
 - P C Watering to form a crust
 - P C Dust palliative – apply and maintain

9.E. Clearing Forms, Foundation and Slabs

Yes No (if no, skip this subsection)

1. Use at least one of the following control measures:
 - P C Watering
 - P C Sweeping and watering
 - P C Use industrial vacuum prior to use of high pressure air to blow soil and debris
 - P C Use industrial vacuum

9.F. Backfilling

Yes No (if no, skip this subsection)

1. Stabilize backfill material when not actively handling by doing:
 - P C Watering to form a crust
 - P C Dust palliative – apply and maintain
 - P C Cover or enclose backfill material
2. Stabilize backfill material during handling by **doing both of the following (select both primary measures)**:
 - P C Empty loader bucket slowly and minimize drop height from loader and
 - P C Dedicate water truck or large hose to backfilling equipment
3. Stabilize soil at completion of backfilling by doing one of the following:
 - P C Apply water until permanent stabilization is complete
 - P C Apply and maintain a dust palliative to form a crust

9.G. Cut and Fill (Site grade preparation)

Yes No (if no, skip this subsection)

1. Stabilize surface soils where support equipment and vehicles will operate by:
 - P C Pre-watering and maintain stabilized condition
 - P C Dust palliative – apply and maintain
2. Pre-water soils prior to cut and fill activities (**this primary control measure is required**)
 - P C Pre-water to depth of cut
3. Stabilize soils during cut activities by: (**these two primary control measures are required**)
 - P C Apply water, using water truck, or water pull, to depth of cut prior to subsequent cuts
 - P C Conduct fill only without continuing cutting operations, until soil is moist to depth of cut
4. Stabilize soils after cut and fill activities by:
 - P C Water disturbed soils to form crust
 - P C Apply and maintain dust palliative on disturbed soil to form crust

9.H. Weed Abatement

Yes No (if no, skip this subsection)

1. Weed abatement by discing or blading: Owner and/or operator shall do all of the following control measures
Check all Primary control measures below:
 - P C Before weed abatement apply water
 - P C During weed abatement apply water
 - P C After weed abatement pave, apply gravel, apply water, apply a suitable dust suppressant other than water or establish vegetative ground cover

9.I. Paving/Subgrade Preparation (Subgrade preparation for paving streets, parking lots, etc.)

Yes No (if no, skip this subsection)

1. Stabilize soils prior to and during activities by: (**Primary control measure required**)
 - P C Pre-water prior to and water during activities
2. Stabilize soils following activities by:
 - P C Placing tack coat on base aggregate immediately after it's applied
 - P C Apply water to base aggregate immediately after it's applied.
3. Stabilize adjacent disturbed soils following paving activities by:
 - P C Watering to develop crust
 - P C Dust palliative application
 - P C Immediately landscape or install vegetative or rock cover
 - P C There are no soils adjacent to paving activities

9.J. Trenching (with track or wheel mounted excavator, shovel, backhoe, or trencher)

Yes No (if no, skip this subsection)

1. Stabilize surface soils where trenching equipment, support equipment, and vehicle will operate by:
 - P C Watering
 - P C Dust palliative – apply and maintain
2. Prior to trenching do the following: (**Primary control measure is required**)
 - P C Presoak soils prior to trenching activities by pre-watering surface and soaking trench depth down to 18"
3. During trenching activities do the following: (**Primary control measure is required**)
 - P C Use a dedicated water truck or large hose and maintain water on trench and soil windrow as it's formed
4. At completion of trenching do the following:
 - P C Water to form crust on excavated soil
 - P C Use dust palliative to form crust on excavated soil

9.K If Dust Suppressants/palliatives are chosen as a primary control measure, please list the following below:

Section (i.e. 9.B):

1. Method, frequency, and intensity of application
[i.e. water truck, once a month, 10,000 gallons]

2. Type, number, and capacity of application equipment

3. Information on environmental impacts and approvals or certifications related to appropriate and safe use for ground application.

9.K If Dust Suppressants/palliatives are chosen as a primary control measure, please list the following below:

Section (i.e. 9.B):

1. Method, frequency, and intensity of application
[i.e. water truck, once a month, 10,000 gallons]

2. Type, number, and capacity of application equipment

3. Information on environmental impacts and approvals or certifications related to appropriate and safe use for ground application.

Section 10. Trackout Monitoring and Cleanup §4-3-180.L

Instructions:

- Every applicable section/sub-section requires at least one Primary (P) control measure and at least one contingency (C) control measure. Check the appropriate boxes to indicate the selected primary and contingency control measure(s).

For work sites 2 acres and larger or 100 cubic yards of bulk materials are hauled on-site and/or off-site per day.

N/A

Trackout Control Measures

- P C Gravel Pad
- P C Grizzly/Rumble Grate
- P C Wheel Wash System
- P C Paved Area

Trackout Cleanup Measures*

- P C Street Sweeper or Wet Broom with Sufficient Water
- P C Manual Sweeping

*Trackout clean-up required immediately when trackout extends a cumulative distance of 25 linear feet or more and at the end of the workday for all other trackout clean-up.

Section 11. High Risk Day Stabilization §4-3-180.N

Required for all work sites

The owner and/or operator must register for the Pinal County Dust Control forecast and ensure that the site is stabilized the day prior to and the day forecasted to be high risk for dust emissions.

- Owner and/or operator must register to receive the dust control forecast. **(MANDATORY FOR ALL WORK SITES)**
<https://public.govdelivery.com/accounts/AZDEQ/subscriber/new>

You **must choose one** of the options listed below:

- Verify that all applicable control measures agreed to in this permit (**Section 9**) are implemented on dust generating operations and that all disturbed surface areas are stabilized.
- Cease all dust generating operations and stabilize all disturbed surface areas.

Section 12. Project Signage §4-3-180.E

Click the N/A box for work sites under 5 acres, otherwise check the box below

N/A

- Erect a project information sign **at the main entrance** that is visible to the public **or at each end of the road construction site**. The sign shall be a minimum of 24 inches tall by 30 inches wide, have a white background, and have the words "DUST CONTROL" shown in black block lettering which is at least four inches high, and shall contain the following information in legible fashion:
 1. Project Name and Permittee's name
 2. Current dust control permit number
 3. Name and local phone number of person(s) responsible for dust control matters
 4. Text Stating: "Dust Complaints?" Call Pinal County Air Quality at (520) 866-6929

Section 13. Delayed Dust Generating Operations – limit trespass §4-3-180.M

Click the N/A box if not applicable, otherwise check the box below

N/A

- **Areas or portion of areas in which the dust generating operations have ceased or will cease for more than 30 days, the owner and/or operator shall erect signs and install physical barriers to limit trespass.**
- Check this box if your worksite at any point in the project will **cease operations for more than 30 days** to confirm that the owner/operator will erect signs and physical barriers in order to limit trespass.

Section 14. Opacity Limitations §4-3-180.K

Required for all work sites

- Check the box to acknowledge the opacity limitations requirements below.**
- No visible emissions exceeding 30 seconds in duration in any six-minute period (determined by EPA Method 22) beyond the property line within which the emissions are generated
- Opacity shall not exceed 20% opacity on the property, as determined by the applicable test method described in [§4-9-340](#).

Section 15. Site Stabilization Requirements §4-3-180.J

Required for all work sites

- Check the box to acknowledge the site stabilization requirements below.**
- Worksites shall demonstrate stabilization compliance with the application of the drop ball test in Article 9 ([§4-9-320.B.1](#)) and/or other applicable test methods.

Section 16. Site inspections §4-3-180.D

Required for all work sites

All owners and/or operators shall conduct and document site inspections on each day dust-generating operations are conducted to ensure the work site is stabilized. This inspection shall include a verification that all applicable control measures agreed to in this Dust Control Plan are implemented. Records of the inspections shall be maintained per **Section 17** of this Dust Control Plan.

Section 17. Record keeping Requirements §4-3-180.D

Required for all work sites

Check either PCAQCD Form (Preferred) for both or Submitting another Form for Approval for both.

PCAQCD forms available at <https://www.pinal.gov/335/Forms>.

- Daily (including High Risk Day) site compliance Inspections PCAQCD Form (Preferred) Submitting Form for Approval
*To be kept on site and submitted to PCAQCD within 30 days of the completion of the project
- Project completion notification PCAQCD Form (Preferred) Submitting Form for Approval
*Due within 30 days of the completion of the project

*PCAQCD is the acronym for Pinal County Air Quality Control District

Section 18. Dust Control Training/Certification Requirements §4-3-180.B.3.d & §4-3-180.F

Please check the box to confirm your responsibility for the following: N/A

1. Provide Dust Control Coordinator's (DCC) name(s) and training certification number(s) to the Air Quality Department and to keep the information updated.
2. Ensure that water truck and water-pull drivers onsite are certified for Basic Dust Control (i.e. have passed the Basic Dust Control training test).
3. Site Superintendent* or other on-site representative* are certified for Basic Dust Control.

DCC required onsite during primary dust-generating operations – five acres or more disturbed surface area

* sites one acre or more disturbed area

PERMIT ADMINISTRATION

Section 18. Attachments

Plot Plan Assessor Parcel List Form Block Utility Worksite Location Form Other:

Section 19. Fee Payment Information

Total Area Disturbed: Late Fee (if applicable): \$ Total Fee(s) Due: \$ Check/MO #:

Section 20. Permit Technician* *Person Completing Application

Name:	Title:	Email Address:
Phone:	Mobile:	Fax:

Signature Affirmation:

By signing this application and Dust Control Plan, the permittee acknowledges obligations to, and liability for failure to: assure that any dust generating operation on the site is covered by the permit and Dust Control Plan; with respect to the site, comply with or cause compliance with the dust generating operations standards, application, permit, Dust Control Plan and record keeping of §4-3-180, and comply with or cause compliance with commitments the permit application. In addition, your signature also affirms that you have the authority to commit the named permit applicant to comply with the aforementioned requirements.

Print Name:	Title:	Company:
Signature:		Date: