

PINAL COUNTY AIR QUALITY CONTROL DISTRICT

CONTROLLING CONSTRUCTION DUST IN PINAL COUNTY

Excluding Township 1N Range 8E
See Apache Junction Nonattainment Area Regulations

August 2009



**31 N. Pinal, Bldg F
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Florence, AZ 85132
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www.pinalcountyaz.gov**

Dust Control Fact Sheet

Section 1 - Application Information:

Submit the **appropriate fee** (a maximum fee of \$2,000 plus late charges if applicable) with your Earthmoving Activity Registration. If a registrant qualifies under the land stripping and/or earthmoving category, no other category applies to the activity.

Land stripping and/or Earthmoving:

- If total surface area disturbed is 0.1 acre to less than 5 acres, submit \$75.00.
- 5 acres to less than 10 acres = \$200.00.
- For each additional 10 acres, submit \$200.00 to a maximum of \$2,000.00 for 100+ acres.

Trenching:

- 363 linear ft to 500 linear ft = \$50.00
- 501 linear ft to 1000 linear ft = \$100.00
- 1001 linear ft to 2640 linear ft = \$150.00
- 2641 linear ft to 5280 linear ft = \$500.00
- 5281 linear ft to 10560 linear ft = \$1000.00
- 10561 linear ft to 21120 linear ft = \$1500.00
- 21121 + linear ft (greater than 4 miles) = \$2000.00

Stockpiling

- If greater than 10 cubic yards, but less than 100 cubic yards, submit \$50.00
- 100 cubic yards to 500 cubic yards = \$100.00
- 501 cubic yards + = \$150.00

Late Charges: \$25.00 for projects less than 5 acres
\$100.00 for projects 5 acres or larger

Annual Block Registration

The land owner, contractor, or developer operating on the job site may submit an earthmoving registration application for more than one earthmoving operation at which construction will commence within 12 months of registration issuance. The earthmoving operations must consist of routine operations: the expansion or extension of utilities, paved roads, unpaved roads, road shoulders, and/or alleys, and public right-of-ways at non-contiguous sites.

Section 2 - Project Information:

- **Include a 8½x 11 plot/site plan:** with linear dimensions in feet. Identify the parcel, cross roads, direction north, and total area to be disturbed. Describe various project phases and time line.
- **If water is used as dust suppressant control measure:** indicate whether a water storage tank will be on-site; metered hydrant; describe water source; application procedures - number of trucks and number of gallons of water per truck, water hoses, or water sprinklers.

Section 3 - Tips for Dust Control:

- **Train** at least one person to be the dust buster at your site. Some areas require specific training (Township 1 North Range 8 East). See Apache Junction dust rules.
- **Limit access points** for construction sites.
- Limit vehicles speed on unpaved haul roads to **15 mph**.
- Work to reduce the amount of **disturbed surface area** at any one time.
- **Pre-water site** to the depth of earth handling cuts.
- Establish **posted parking areas** with gravel or other material.
- **Locate** open storage piles away from public access and cover with straw or other material.
- Install a **gravel pad or grate** to dislodge mud, dirt, or debris from tires. **Immediately clean up spillage**, carry-out, erosion or track-out that is on a paved public road.
- **Open storage piles:** wind barriers can be used as a control measure when used in conjunction with other controls such as watering to form a crust.
- **Trucks:** Cover all haul trucks (empty or full) with a tarp or other suitable anchored material to prevent material from being blown out.
- Halt earthmoving activities during **high wind events**.
- A combination of control measures will work best. Do not rely on just one.
- Take extra precautions when working next to occupied homes and businesses. For example do not place access roads next to residential properties.

Frequently Asked Questions

What are earthmoving activities?

Land stripping, earthmoving, blasting, trenching, road construction, grading, landscaping, stockpiling/storing/loading excavated materials, or any other activity associated with land development which results in a disturbed surface area or dust generating operations, equal to or greater than 0.1 acres.

Who do I contact for questions and where can I find the earthmoving form?

Call Pinal County Air Quality at (520) 866-6929

The earthmoving activity (dust) registration form is available at:

www.pinalcountyz.gov/departments/airquality/dust

How do I obtain a dust permit?

Mail the completed form available on the website along with a plot plan and the appropriate fee to: Pinal County Air Quality, P.O. Box 987, Florence, AZ 85132.

Or

Visit one of the offices listed below.

What are the office locations and hours?

Apache Junction:

305 E Superstition Blvd
Monday and Wednesday, 8:00 a.m. to 12:00 p.m.

Casa Grande:

820 E. Cottonwood Lane, Bldg A
Monday and Wednesday 8:00 a.m. to 12:00 p.m.

Florence:

31 N. Pinal, Bldg F
Monday through Friday, 8:30 a.m. to 4:30 p.m.

Oracle:

1470 N. Justice Drive
Monday and Wednesday, 8:00 a.m. to 12:00 p.m.

What am I legally required to do?

- Submit an earthmoving registration to PCAQCD.
- Prevent dust from exceeding visible emission limitations - the universal performance standard prohibits emissions from leaving the property at a 20 percent opacity or greater; prohibits any visibility impairment that could threaten public safety; and prohibits an unreasonable amount of dust from blowing into sensitive areas.
- Keep records of control measures (i.e., daily written log, or maintenance invoices and payments indicating cost of control measures)
- Use adequate control measures and work practices to minimize the emission and airborne transport of fugitive dust.
- At all sites that are five acres or larger, registrants shall erect a project information sign at the main entrance that is visible to the public or at each end of the road at the construction site. The sign shall be a minimum of 24 inches tall by 30 inches wide, have a white background, have the words "DUST CONTROL" shown in black block lettering which is at least four inches high, and shall contain the following information in a legible fashion:

i. Project Name

ii. Name and phone number of person (s) responsible for construction project.

iii. Text Stating: "Dust Complaints?" Call Pinal County Air Quality Control District (520) 866-6929.



Where can I receive training?

- View the Air Quality website for all upcoming training/seminars available.

What can I do to prevent dust?

- Prevent trackout, or dirt being carried out onto paved surfaces, by installing gravel pads or metal grates.
- Form a crust on disturbed areas, in other words do not create areas that look like moon dust.
- Plan ahead, have the water trucks ready prior to work beginning.
- Pre-water areas where earth moving is about to take place, try to get ahead of the equipment.
- Actively water areas where dirt is being moved.

Nonattainment Area (T1N R8E)

Apache Junction

Should any construction activity be within T1N R8E, please go online to the Air Quality website to access the rules that have been adopted for this area.

www.pinalcountyz.gov/departments/airquality/dust