

Control Measures

1. **Watering (pre-wetting)** - Applying water with hoses, and/or sprinklers, water trucks. To be done prior to conducting any Dust Generating Operation.
2. **Watering (operational control)** - To be implemented for disturbed surface areas and during the Dust Generating Operation. This includes watering during stacking, loading and unloading operations on open storage piles as necessary. To be done at intervals to increase moisture content.
3. **Applying chemical stabilizers or dust suppressants** - Chemical stabilizers (dust suppressants) are effective in areas that are not subject to daily disturbances.
4. **Alternating load-in/load-out procedures and watering** - Confine loading to the downwind side of the material and mist with water prior to loading. Empty loader slowly and keep bucket close to the truck while dumping.
5. **Reducing vehicle speeds** - Restrict max speeds to 15 mph on unpaved easements, right of way, unpaved haul/access roads and parking lots.
6. **Controlling Freeboard and spillage and covering haul vehicles** - Load all trucks no less than three (3) inches between the top of the load and the top of the trailer (freeboard). Prevent loss of material from holes or other openings within the vehicle that is being used to transport material. Haul trucks are to be covered (empty or full) with an anchored tarp or other suitable material that can be anchored as well to the vehicle.
7. **Trackout control** - For all work sites 5 acres or larger are to be installed. Should trackout extend 50 feet or more from the Dust Generating Operation, accumulation is to be cleaned up as soon as possible and no later than by the end of the work day.
8. **Limit, restrict or reroute motor vehicles access to work site** - Erect signs or install barriers to limit/restrict or reroute motor vehicle access to work site.

Construction Definition

Vertical construction, residential construction, installing underground utilities, installing above-ground utilities, and building physical infrastructure including roads, highways, railways, flood structures, drainage works and irrigation works. Eliminating weeds by discing or blading and conducted for the purpose of development activity or maintaining a work site qualifies as construction.

Work Site Definition

Any property that Dust Generating Operations occur during construction and covers an area 0.1 acres or larger.

Trenches that are equal to or larger than the following dimensions are considered work sites.

* Trenches **less than** four feet in depth, that exceed a length of 726 feet

Work Site Definition (continued)

* Trenches that are four feet or **greater** in depth, that exceed a length of 363 feet

* For calculations of disturbed surface areas for land clearing or earthmoving activities, 25 feet will be added to each dimension of all structures, driveways, concrete pads, and other construction projects being built on the site to allow for an equipment utilization zone. If this final figure equals or exceeds 0.1 acre, a Dust Generating application is required for the site.

Fees

Land stripping and/or earthmoving:

- * \$75 = Total surface area disturbed is 0.1 acres to less than 5 acres
- * \$200 = 5 acres to less than 10 acres
- * For each additional 10 acres, submit \$200 to a maximum of \$2,000 for 100+ acres

Stockpiling:

- * \$50 = If greater than 10 cubic yards but less than 100 cubic yards
- * \$100 = 100 cubic yards to 500 cubic yards
- * \$150 = 501+ cubic yards

Annual Block Permit = \$2,000

Trenching:

- * \$50 = 363-500 linear ft
- * \$100 = 501-1000 linear ft
- * \$150 = 1001-2640 linear ft
- * \$500 = 2641-5280 linear ft
- * \$1000 = 5281-10560 linear ft
- * \$1500 = 10561-21120 linear ft
- * \$2,000 = 21121+ linear ft

Late Charges:

- \$25 = Projects less than 5 acres
- \$100 = Projects 5 acres or larger

Office Locations and Hours

Apache Junction

575 N Idaho Rd Suite 800
Monday 8:30am to 3:30pm
Thursday 8:30am to 12:30pm

Casa Grande

820 E Cottonwood Ln Bldg A
Wednesday 8:30am to 12:30pm

Florence

31 N Pinal St Bldg F
Monday through Friday 8:00am to 4:30pm

PINAL COUNTY AIR QUALITY CONTROL DISTRICT



WEST PINAL PM10 NONATTAINMENT AREA CONSTRUCTION DUST

Effective

January 1, 2016

31 N. Pinal, Bldg F

P.O. Box 987

Florence, AZ 85132

Tel: (520) 866-6929

Fax: (520) 866-6967

www.pinalcountyz.gov/airquality

In 2012 EPA designated a large portion of Pinal County as moderate nonattainment for PM10 (West Pinal PM10 Non-attainment Area). The map for this area is located at www.pinalcountyz.gov/airquality.

Dust Generating Standards

All work sites 0.1 acre or more will comply with the following:

1. 20% opacity standard for any dust generating operation that occurs during construction
2. Stabilizing construction area. Every other week inspections are to be conducted to ensure the entire work site is stabilized using all control measures as listed in the permit.

All work sites or a combination of work sites where activities will disturb 5 acres or more will comply with the following:

1. Installation of a trackout control device prior to starting dust generating operation.
2. For areas where the dust generating operation has ceased or will cease for more than 30 days, will install signs or physical barriers to limit trespassing.
3. Inspect the complete site the day leading up to and the day of a high risk for dust emissions (Pinal County Dust Risk Forecast) to ensure the work site is stabilized. Complete either of the following:
 - a. All control measures that apply to the work site are implemented and the disturbed surface areas are stabilized.
 - b. All dust generating operations are ceased and disturbed surface areas are stabilized.

Dust Generating Application

Prior to starting any dust generating operation on a work site, the owner and/or operator will file a dust generating application, pay the appropriate fee and receive a signed permit from the Control Officer.

1. Applicant must provide essential identification on an application form approved by the Control Officer. Separate application forms are required for non-contiguous (not connected) areas, unless it's an annual block permit.

Dust Generating Application (continued)

2. A valid cell phone number or email address is required on the application form. The applicant of a work site that is 5 acres or larger will subscribe to the Pinal County Dust Control Forecast at (<https://public.govdelivery.com/accounts/AZDEQ/subscriber/new>).

3. A plot plan (8 1/2 x 11) is required for each application and will identify the following:

- A. Parcel(s)
- B. Street address
- C. Direction north
- D. GPS coordinates from center of parcel (if no parcel number exists)
- E. Total area to be disturbed (minimum 0.1 acre = 4356 square feet)
- F. Sources of fugitive dust emissions

4. Using the options on the application, the applicant will explain how they will demonstrate compliance by selecting at least one control measure for each dust generating operation.

5. Annual area block application

Available only to utilities, maintenance of existing underground or aboveground lines, expansion or extension of paved roads, unpaved roads, etc.

A. Application requirements

The same as other dust generating operations except block permits are allowed to have one application for more than one job site, although each work site has to be described in the application along with what type of dust generating operations are to be conducted.

B. Area block applications are only available to

1. Political subdivisions
2. Public utility corporations regulated by the Arizona Corporation Commission
3. Contractors or subcontractors for political subdivisions or public utility corporations

C. The owner and/or operator of area block permits are required to follow the requirements of all current permits issued to the work site and are required to re-apply control measures as necessary to ensure stabilization of all disturbed surface areas.

D. For any project not listed on the application, the applicant must provide the following to the Control Officer in writing.

1. Site locations
2. Size and type of dust generating operation

Dust Generating Application (continued)

3. Control measures used
4. Start date

Notification must be at least three working days prior to starting the dust generating operation.

Permit and Recordkeeping Requirements

a. By signing agreement the owner and/or operator accepts responsibility for implementing all requirements of the permit. The permit is to reside on the work site.

b. On a form approved by the Control Officer, the owner and/or operator will keep records of all inspections including ones completed every other week and site-wide inspections for the day leading up to and including the day that was forecasted to be a high risk. All corrective actions taken are to be listed on the form.

c. Should a Control Officer request the inspections records verbally or written, they will be provided no later than 72 hours from original request. Inspection records will be provided immediately when the Control Officer is on site where the records reside. Following the termination or expiration of the dust permit, records will be submitted within 30 days on a form approved by the Control Officer.

d. The Control Officer will be notified within 30 days of job completion.

e. Permit renewal requirements

1. Permit valid for one year
2. Applicant will reapply prior to the expiration of the original permit
3. Permit renewal will be valid starting on the first calendar day after completion of the initial one year period of the original permit and is valid for one year from that date. Renewal doesn't need to include contiguous acreage as long as all of the acreage was included in the original permit.
4. Work sites five acres or larger are required to install a project sign.

At all sites that are five acres or larger, owner/operators will install a project sign at the main entrance that is visible to the public or at each end of the road construction project site.

Sign requirements:

Minimum 24 inch tall x 30 inch wide
White background

Words "**Dust Control**" in black block lettering that is to be 4 inches high and contain the following: Project name, name and phone number of persons responsible for conducting project, text stating "**Dust Complaints**" Call Pinal County Air Quality Control District at (520) 866-6929.