Maricopa County
Air Quality Department

Return all applications to: One Stop Shop
501 N. 44th Street, Suite 200
Phoenix, AZ 85008
Phone (602) 372-1071 Fax (602) 372-1078

APPLICATION FOR DUST CONTROL PERMIT

Formerly Part of "Application for an Earthmoving Permit"

There are three sections in this application:

Section 1 - Applicant Information
Section 2 - Project Information
Section 3 - Dust Control Plan

In order for the application to be complete, answer all of the questions in all three sections. Submit the completed application and the appropriate fee to the Maricopa County Air Quality Department.

To complete this application, please use the Guidance For Application For Dust Control Permit, which contains details and explanations of the information required in this application. Also, please note that if you are completing this application and you are the "applicant", then you are the responsible authority for controlling all aspects of all the work accomplished on-site from initial groundbreaking to final stabilization.

Also, as an "applicant", you are responsible for closing-out the Dust Control Permit when the project is complete and/or when you no longer have control over the day-to-day operations on the site. Refer to Maricopa County Air Pollution Control Regulations Rule 200 (Permit Requirements) and Rule 310 (Fugitive Dust) for more information regarding the requirements and work practices associated with this application. Both of these rules are available at 1001 North Central Avenue or at: http://www.maricopa.gov/aq

For Office Use Only		
District #		
Area #		
NOV #		
Permit #		
Fee Paid / Acreage		
Date Issued		
Approved By		
NESHAP		
Cross Streets		

Date Stamp Here

Would you like to pick up your permit? Yes☐ No☐
Contact Person_____
Contact Phone _____

Section 1 – Applicant Information

1. Applicant: Check all that apply:

☐Property Owner ☐General / Prime Contractor ☐Developer ☐Lessee

Name: _____

Applicant Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

E-Mail Address: _____

Local Mailing Address (if not the same as above): _____

Contractor License Number: _____

1a.Is Applicant A Wholly Owned Subsidiary Of Another Company? ☐Yes ☐No

If you answered "**yes**" above, please provide the following information:

1b. Parent Company Name:

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

State of Incorporation: _____

2. Property Owner / Developer, If Not Applicant:

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

State of Incorporation: _____

3. Primary Project Contact: _____

Title: _____ Company Name: _____

On-Site Phone: _____ Mobile: _____ Fax: _____

E-Mail Address: _____

4. Signature Of A Responsible Official Of The Applicant:

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the Application For Dust Control Permit, including Section 1-Applicant Information, Section 2-Project Information, and Section 3-Dust Control Plan, are true, accurate, and complete.

A Responsible Official Of The Applicant is the person who will be contacted or named in any enforcement action initiated by the Maricopa County Air Quality Department or the Office Of The Maricopa County Attorney.

Arizona Revised Statute §13-2704 makes it a criminal offense to knowingly make a false material statement to a public servant in connection with an application for any benefit, privilege, or license.

Signature: _____

Printed Name: _____ Title: _____

4a. Company President / Owner: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

5. Application Completed By, If Not Signatory:

Printed Name: _____ Title: _____

Phone: _____ Fax: _____

E-mail: _____

Section 2 – Project Information (See Guidance Pages 7 - 12)

6. Address Of Project Location: (If no address available include block #, assessor's parcel #, GPS coordinates, etc.)

Address: _____

City/Zip: _____

Major Cross Street North/South: _____

Major Cross Street East/West: _____

Township: _____ Range: _____ Section: _____

Assessor's Parcel Number(s) (if no address available): _____

GPS Coordinates (if no address available): _____

☐ Unincorporated Area (County) ☐ Incorporated Area (City)

7. Name Of Project: _____

8. Description Of Project: _____

_____

9. Will A Basement Or Underground Parking Be Excavated? ☐ Yes ☐ No

9a. Will Building Occur On A Pre-Existing Pad / Prepared Pad? ☐ Yes ☐ No

10. Size Of Project Or Physical Area (Acres) That Will Be Disturbed During The Duration Of This Permit, Including Staging And Stockpile Areas, And Temporary Storage Yards: _____

Estimated acres to be graded, if different from size of project indicated above: _____

Estimated cubic yards to be moved within the boundaries of the project: _____

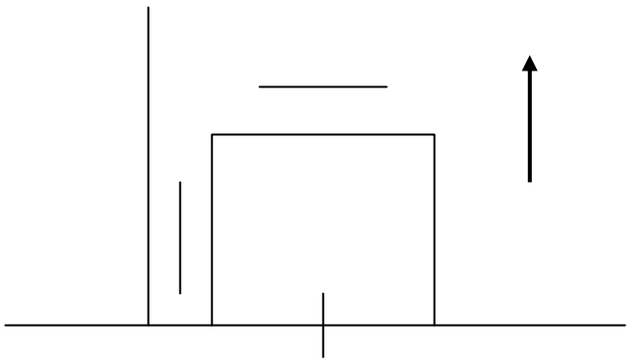
Estimated amount of import material: _____ Estimated amount of export material: _____

11. Project Start Date: _____

11a. Estimated Duration Of Project: _____

12. Attach Project Site Drawing *(A Dust Control/Demolition Permit will not be issued, unless a drawing is submitted.* **Attach a separate page (8½" x 11")** with a drawing showing all of the following elements**:**

- Entire project site boundaries
- Acres to be disturbed with **linear dimensions** (including staging areas, stockpiles, and storage)
- Nearest public cross-roads
- North arrow
- Planned exit locations onto paved areas accessible to the public



13. Indicate Soil Designations From Appendix F In Maricopa County Air Pollution Control Regulations Or Attach A Copy of The Site Geotechnical Report

For construction projects one acre or larger, except for routine maintenance and repair done under a block permit, designate in the table below which soil texture is naturally present on the work site and which soil texture will be imported onto the work site (if applicable). If the soil on the work site has been tested, then you should rely on the test results to complete the table and you should attach a copy of the site soil report (boring logs) to this application. If the soil on the work site has not been tested, then use Appendix F in the Maricopa County Air Pollution Control Regulations to complete the table below.

Soil Texture Naturally Present On Work Site	Soil Texture To Be Imported Onto Work Site

14. Is This A Re-Application? ☐Yes Previous Permit #_____ ☐No

A permit is valid for 1 year after date of issuance/approval. **The re-application process takes a minimum of 14 days for approval and must be approved prior to expiration of old permit. You must re-apply for a permit more than 14 days before the original permit expires.**

15. Asbestos NESHAP Notification Requirements

All facilities scheduled for demolition or renovation (see definitions below) must be inspected by a currently certified Asbestos Hazard Emergency Response Act (AHERA) Asbestos Building Inspector. There is no waiver of this requirement based on the age of the facility. The inspection must be performed within 12 months of commencement of demolition or renovation activity. Questions concerning the Asbestos NESHAP regulation should be referred to Maricopa County's Asbestos NESHAP Coordinator at 602-506-6708 or 602-506-0421. Forms may be obtained at http://www.maricopa.gov/aq/Asbestos/a-forms.asp.

Demolition: The wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of a facility.

Renovation: Altering a facility or one or more facility components in any way, including the stripping or removal of RACM from a facility component.

Does The Project Include Demolition Or Renovation? ☐Yes ☐No (go to section 3)

Description Of Demolition/Renovation Activities:_____

_____

_____

Date of Asbestos Inspection: _____

10-Day NESHAP Notification Submittal Date (Please Attach A Copy): _____

County Plat Number of Property (_____), (_____), (_____), (_____)
Book Map Parcel Split

Is This A Residential Property? ☐Yes ☐No

If Yes, Is There More Than One Structure on the Property? ☐Yes ☐No

Please Describe Each Structure: _____

_____

_____

If Residential Property, Has The Property <u>Ever</u> Been Used For A Commercial/Industrial Purpose?

☐Yes ☐No

If Yes, Has An Asbestos Inspection Been Conducted By An AHERA Certified Building Inspector Within The Last 12 Months?

☐Yes ☐No

Section 3 – Dust Control Plan (See Guidance Page 13)

When completing the following Dust Control Plan, use the Guidance For Application for Dust Control Permit - Section 3 - Instructions to help you select dust control measures and keep in mind the following:

- Categories and/or sub-categories of dust generating operations C3, C5, D1, F, and G, in the following Dust Control Plan, have primary control measures, "P", required by Rule 310. You will need to choose a contingency measure, "C", for these dust generating operations. All sections need one P and one C.
- Where ■ has replaced a "P", the dust control measure cannot be used as a primary control measure.
- Where ■ has replaced 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.
- Where "Other" is listed without reference to opacity or surface stabilization standard(s) and is selected as a primary control measure, then the description must meet the criteria in the Guidance For Application For Dust Control Permit – Section 3 – Unlisted Dust Control Measures (See Guidance Page 12).

After your Application For Dust Control Permit has been approved, <u>you must post</u> your Dust Control Permit and Dust Control Plan on-site.

A. Vehicles/Motorized Equipment

(See Guidance Page 17)

1 Use In Open Areas

P **C** Restrict trespass by installing signs

P **C** Install physical barriers to prevent access: curbs, fences, gates, posts, signs, shrubs or trees
(Circle selected measure)

P **C** Other (so that the standards in Rule 310, Section 3/2.3 are met) _____

Or, explain why this control measure is not applicable _____

2 Unpaved Parking Lots

P **C** Apply water, so that the standards in Rule 310, Section 302.1 are met **(Fill Out Section I)**

P **C** Apply water in combination with dust suppressant(s), so that one of the standards in Rule 310, Section 302.1 is met **(Fill Out Section J)**

P **C** Apply and maintain gravel, recycled asphalt, or other suitable material, so that the standards in Rule 310, Section 302.1 are met

P **C** Pave (Choose on of the following): Beginning Of Project* During Project* End Of Project*
***Must stabilize surface prior to paving, so that the standards in Rule 310, Section 302.1 are met

P **C** Apply and maintain dust suppressant(s), other than water, so that the standards in Rule 310, Section 302.1 are met **(Fill Out Section J)**

■ **C** Limit vehicle speed to 15 m.p.h. on the site _____

P **C** Other (so that the standards in Rule 310, Section 302.1 are met) _____

Or, explain why this control measure is not applicable _____

3 Unpaved Haul Roads/Access Areas

P **C** Limit vehicle trips to no more than 20 per day per road **AND** limit vehicle speeds to no more than 15 m.p.h. In the space provided, list the maximum number of vehicle trips on the unpaved haul roads/access areas each day (including number of employee vehicles, dust generating equipment, haul trucks, and water trucks) _____

_____

P **C** Apply water, so that the standards in Rule 310, Section 302.2(a) are met **(Fill Out Section I)**

P **C** Apply water in combination with dust suppressant(s), so that the standards in Rule 310, Section 302.2(a) are met **(Fill Out Section J)**

P **C** Pave (Choose one of the following): Beginning Of Project* During Project* End Of Project*
*Must stabilize surface prior to paving, so that the standards in Rule 310, Section 302.2(a) are met

P **C** Apply and maintain surface gravel, recycled asphalt, or other suitable material, so that the standards in Rule 310, Section 302.2(a) are met

P **C** Apply and maintain dust suppressant(s), other than water, so that the standards in Rule 310, Section 202.2(a) are met **(Fill Out Section J)**

■ **C** Cease operations

P **C** Other (so that the standards in Rule 310, Section 302.2(a) are met) _____

Or, explain why this control measure is not applicable _____

B. Disturbed Surface Areas
(See Guidance Pages 17 – 18)

1 Before Dust Generating Operations Occur

P **C** Pre-water site to the depth of cuts, so that the standards in Rule 310, Section 301 are met **(Fill Out Section 1)**

P **C** Phase work to reduce the amount of disturbed surface area at any one time **Attach a map** delineating the phases and their extent

P **C** Other (so that the standards in Rule 310, Section 301 are met) _____

Or, explain why this control measure is not applicable _____

2 During Dust Generating Operations

P **C** Apply water, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I)**

P **C** Apply and maintain dust suppressant(s) other than water, so that the standards n Rule 310, Section 301 are met **(Fill Out Section J)**

P **C** Apply water in combination with dust suppressant(s), so that the standards in Rule 310, Section 301 are met **(Fill Out Section J)**

P **C** Construct wind barrier fences (in conjunction with one of the above listed measures)

■ **C** Cease operations

■ **C** Limit vehicle speed to 15 m.p.h. on the work site_____

P **C** Other (so that the standards in Rule 310, Section 301 are met)_____

Or, explain why this control measure is not applicable _____

3 Temporary Stabilization Including Weekends, After Work Hours, Holidays, And Periods Up-To 8 Months

P **C** Apply water or other dust suppressant, so that the standards in Rule 310, Section 302.3 are met **(Fill Out Section I or J)**

P **C** Apply and maintain gravel, recycled asphalt, or other suitable material, so that the standards in Rule 310, Section 302.3 are met

P **C** Establish vegetative ground cover (landscaping), so that the standards in Rule 310, Section 302.3 are met

P **C** Pave (Choose one of the following): Beginning Of Project* During Project* End Of Project*

■ **C** Restrict vehicular access to area in addition to (1) applying water or other dust suppressant(s) to establish and maintain a visitble crust or (2) establishing vegetative ground cover (landscaping), so that the standards in Rule 310, Section 302.3 are met

P **C** Other (so that the standards in Rule 310, Section 302.3 are met) _____

Or, explain why this control measure is not applicable _____

4 Permanent Stabilization Of Open Areas And Vacant Lots Required Within 8 Months Of Ceasing Dust Generating Operations

P **C** Apply water, so that the standards in Rule 310, Section 302.3 are met **(Fill Out Section I)**

P **C** Restore area such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby undisturbed native conditions (desert xeriscaping)

P **C** Establish vegetative ground cover (landscaping), so that the standards in Rule 310, Section 302.3 are met

P **C** Pave (Choose one of the following): Beginning Of Project* During Project* End Of Project*
*Must stabilize surface prior to paving, so that one of the above stabilization standards is met

P **C** Construct building, house, structure, and / or floor

P **C** Apply and maintain dust suppressant(s) other than water (so that the standards in Rule 310, Section 302.3 are met) **(Fill Out Section J)**

P **C** Other (so that the standards in Rule 310, Section 302.3 are met) _____

Or, explain why this control measure is not applicable _____

C. Bulk Material Handling

(See Guidance Pages 18 – 19)

1 Prior To And/Or During Stacking, Loading, And Unloading Operations

P **C** Apply water, so that the standards in Rule 310, Section 302.3 are met **(Fill Out Section I)**

P **C** Apply water in combination with dust suppressant(s) at a frequency and intensity, so that the standards in Rule 310, Section 301 are met **(Fill Out Section J)**

■ **C** Pre-water and maintain surface soils in a stabilized condition where support equipment and vehicles will operate, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I)**

■ **C** Remove material from the downwind side of the storage pile when safe to do so

■ **C** Empty loader bucket slowly and keep loader bucket close to the truck to minimize the drop height while dumping

■ **C** Cease operations

■ **C** Other (so that the standards in Rule 310, Section 301 are met) _____

Or, explain why this control measure is not applicable _____

2 Open Storage Piles

P	**C**	Apply water, so that the standards in Rule 310, Section 302.3 are met **(Fill Out Section I)**
P	**C**	Apply water in combination with dust suppressant(s), so that the standards in Rule 310, Section 302.3 are met **(Fill Out Section J)**
P	**C**	Cover open storage piles with tarps, plastic or other material
P	**C**	Apply water to maintain soil moisture content at a minimum of 12% **(Fill Out Section I)**
P	**C**	Apply water to maintain at least 70% of the optimum soil moisture content, for areas that have an optimum moisture content for compaction of less than 12% **(Fill Out Section I)**
P	**C**	Maintain vegetative cover, so that the standards in Rule 310, Section 302.3 are met
P	**C**	Construct wind barrier fences (in conjunction with one of the above listed measures)
P	**C**	Other (so that the standards in Rule 310, Section 308.6 are met) _____
		Or, explain why this control measure is not applicable _____

3 On-Site Hauling Within The Boundaries Of the Work Site And Crossing A Paved Area Accessible To the Public

P	■	**Required:** Load all haul trucks such that the freeboard is not less than 3 inches **AND** prevent spillage or loss of bulk material from holes or other openings in the cargo compartment **AND** install suitable track-out control device
■	**C**	Limit vehicle speed to 15 m.p.h. on the work site
■	**C**	Cease operations
■	**C**	Other (so that the standards in Rule 310, Section 301 are met)_____
		Or, explain why this control measure is not applicable _____

4 On-Site Hauling Within The Boundaries Of The Work Site

P	**C**	Limit vehicle speed to 15 m.p.h. or less while traveling on the work site such that visible emissions coming-off the load do not exceed 20% opacity
P	**C**	Apply water to the top of the load, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I)**
P	**C**	Apply dust suppressant(s) other than water to the top of the load, so that the standards in Rule 310, Section 301 are met **(Fill Out Section J)**
P	**C**	Cover haul trucks with a tarp or other suitable closure
■	**C**	Cease operations
P	**C**	Other (so that the standards in Rule 310, Section 301 are met)_____
		Or, explain why this control measure is not applicable _____

5 Off-Site Hauling
Onto Paved Areas Accessible To The Public

P ■ **Required:** cover haul trucks with a tarp or other suitable closure **AND** load all haul trucks such that the freeboard is not less than three inches **AND** prevent spillage or loss of bulk material from holes or other openings in the cargo compartment **AND** clean the interior of the cargo compartment of the empty haul trucks before leaving the site

■ C Apply water to the top of the load, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I)**

■ C Apply dust suppressant(s) other than water to the top of the load, so that the standards in Rule 310, Section 301 are met **(Fill Out Section J)**

■ C Cease operations

■ C Other (so that the standards in Rule 310, Section 301 are met) _____

Or, explain why this control measure is not applicable _____

D. Track-out, Carry-out, Spillage, And Erosion
(See Guidance Pages 19 – 20)

1 Track-out Control Device

A track-out control device must be installed if a work site has 2 acres or more of disturbed surface are or if a work site has 100 cubic yards of bulk material hauled on-site or off-site per day.

P C **Required:** Install at all exits to a paved area accessible to the public at least one of the following:
(Circle all that apply)
gravel pad grizzly wheel wash system paved area

P C Cease operations

P C Other (so that the standards in Rule 310, Section 301 are met)_____

Or, explain why this control measure is not applicable _____

2 Cleaning

Track-out/carry-out must be cleaned up immediately if track-out/carry-out extends more than 50 feet along a paved area accessible to the public.

Track-out/carry-out must be cleaned up no later than the end of the work day if track-out/carry-out extends less than 50 feet along a paved area accessible to the public.

P C Operate a street sweeper or wet broom with sufficient water (e.g. kick broom, steel bristle broom, teflon broom, vacuum) on the following schedule:_____

P C Manually sweep-up deposits on the following schedule: _____

P	**C**	Other (so that the standards in Rule 310, Section 301 are met) _____
		Or, explain why this control measure is not applicable _____

E. Weed Abatement by Discing Or Blading

(See Guidance Page 21)

1 Disturbance Operations

P	■	**Required:** Pre-water site **AND** apply water before and during weed abatement by discing or blading, so that one of the standards in Rule 310, Section 301 are met **(Fill Out Section I)**
P	■	**Required:** Apply water in combination with dust suppressant(s) before and during weed abatement by discing or blading, so that the standards in Rule 310, Section 301 are met **(Fill Out Section J)**
■	**C**	Limit vehicle speed to 15 m.p.h. during discing and balding operations
■	**C**	Cease operations
■	**C**	Other (so that the standards in Rule 310, Section 301 are met) _____
		Or, explain why this control measure is not applicable _____

2 Stabilization

P	**C**	Pave immediately following weed abatement
P	**C**	Apply gravel to establish and maintain a threshold friction velocity for disturbed surface areas corrected for non-erodible elements of 100 cm/second or higher
P	**C**	Apply gravel to establish and maintain a percent cover that is equal to or greater than 10% for non erodible elements
P	**C**	Apply water or other dust suppressant(s) to establish and maintain a visible crust **(Fill Out Section I or J)**
P	**C**	Establish vegetative ground cover (landscaping), so that the standards in Rule 310, Section 302.3 are met
P	**C**	Other (so that the standards in Rule 310, Section 308.8 are met) _____
		Or, explain why this control measure is not applicable _____

F. Blasting Operations
(See Guidance Page 21)

P	■	**Required:** Discontinue blasting, if wind gusts above 25 m.p.h.
P	■	**Required:** Pre-water **AND** maintain surface soils in a stabilized condition where support equipment and vehicles will operate, so that the standards in Rule 310, Section 302.1 or Section 302.2 are met **(Fill Out Section I)**
P	**C**	Apply water or water in combination with dust suppressants, so that the standards in Rule 310, Section 302.1 or Section 302.2 are met **(Fill Out Section I or J)**
P	**C**	Apply water in combination with dust suppressant(s), so that the standards in Rule 310, Section 302.2 are met **(Fill Out Section J)**
■	**C**	Other (so that the standards in Rule 310, Section 301 are met) _____
		Or, explain why this control measure is not applicable _____

G. Demolition Activities
(See Guidance Page 21)

P	■	**Required:** Apply water or water in combination with dust suppressant(s) to demolition debris immediately following demolition activity, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I or J)**
P	■	**Required:** Apply water or water in combination with dust suppressant(s) to all surrounding areas and to all disturbed soil surfaces immediately following demolotion activity, so that the standards in Rule 310, Section 301 are met **(Fill Out Section I or J)**
■	**C**	Thoroughly clean debris from paved and other surfaces following demolition activity
■	**C**	Other (so that the standards in Rule 310, Section 301 are met) _____
		Or, explain why this control measure is not applicable _____

H. Wind Event
(See Guidance Page 21)

1 **When Dust**

Generating Operation Is Occurring

P	**C**	Cease dust generating operation for the duration of the wind event when the 60-minute average wind speed is greater than 25 m.p.h. and stabilize work area, if dust generating operation is ceased for the remainder of the work day

P **C** Apply water or other suitable dust suppressant at least twice per hour (once per hour if outside the nonattainment area), so that the standards in Rule 310, Section 301 are met **(Fill Out Section I Or J)**

P **C** Apply water to maintain soil moisture content at a minimum of 12%, as determined by ASTM Method D2216-98 or other equivalent method as approved by the Control Officer and the Administrator Of the Environmental Protection Agency **(Fill Out Section I)**

P **C** Maintain at least 70% of the optimum soil moisture content for areas that have an optimum moisture content for compaction of less than 12%, as determined by ASTM Method D2216-98, or other equivalent method as approved by the Control Officer or the Administrator Of The Environmental Protection Agency **(Fill Out Section I)**

P **C** Apply water or other suitable dust suppressant(s) at least twice (once if outside the nonattainment area) per hour and contstruct fences or three-foot to five-foot wind barriers with 50% or less porosity adjacent to roadways or urban areas to reduce the amount of windblown material leaving the site **(Fill Out Section I or J)**

■ **C** Other (so that the standards in Rule 310, Section 301 are met) _____

Or, explain why this control measure is not applicable _____

2

Temporary Disturbed Surface Areas
After Work Hours, Weekends, And Holidays

P **C** Apply and maintain surface gravel or dust suppressant(s), so that one of the stabilization standards in Rule 310, Section 302.3 is met **(Fill Out Section I or J)**

P **C** Apply water or water in combination with dust suppressant(s) to all disturbed surface areas three times per day, so that one of the stabilization standards in Rule 310, Section 302.3 is met. If there is evidence of windblown dust, increase watering frequency to a minimum of four times per day. **(Fill Out Section I or J)**

P **C** Apply water or water in combination with dust suppressant(s) on open storage piles at least twice per hour (once per hour if outside the nonattainment area) to maintain a visible crust **(Fill Out Section I or J)**

P **C** Cover open storage piles with tarps, plastic, or other material such that wind will not remove the Coverings

■ **C** Other (so that one of the stabilization standards in Rule 310, Section 302.3 is met) _____

Or, explain why this control measure is not applicable _____

I. Water

(See Guidance Pages 21-25)

For each of the different project phases, indicate how the water is to be stored on or supplied to the project site and how the water will be applied to control dust generation throughout the project lifetime. "Water supply" means how water will be supplied to the site (e.g. (2) 3/000 gal. water towers). "Water application system" means how water will be applied to the site (e.g. 1 fire hose, (3) 1,000 gal. water trucks). Minimum water availability means water supply in conjunction with the water supply system.

Soil Rating:_____

Soil Texture Rating	Project Phase – Site Clearing/Removal of Vegetation/Debris/Demolition	
	Total Acres Disturbed	**Minimum Water Available**
Severe (clay, silty clay, sandy clay)	0 – 2 acres	500 – 1,000 gallons per day
	2 – 10 acres	1,000 – 5,000 gallons per day
	10 – 100 acres	5,000 – 50,000 gallons per day
	> 100 acres	> 50,000 gallons per day
Moderate (all other Classifications)	0 – 2 acres	300 – 600 gallons per day
	2 – 10 acres	600 – 3,000 gallons per day
	10 – 100 acres	3,000 – 30,000 gallons per day
	> 100 acres	> 30,000 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day_____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Mass Grading
(Includes basements)

Soil Texture Rating	Minimum Water Available (November – February_	Minimum Water Available (March – October)
Severe (clay, silty clay, sandy clay)	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
Moderate (all other classifications)	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

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Daily Minimum Water Availability _____

(Number of Acres Disturbed X Number of Gallons per day)

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Underground Utilities

Soil Texture Rating	Total Acres Disturbed	Minimum Water Available
Severe (clay, silty clay, sandy clay)	0 – 2 acres	500 – 1,000 gallons per day
	2 – 10 acres	1,000 – 5,000 gallons per day
	10 – 100 acres	5,000 – 50,000 gallons per day
	> 100 acres	> 50,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	300 – 600 gallons per day
	2 – 10 acres	600 – 3,000 gallons per day
	10 -100 acres	3,000 – 30,000 gallons per day
	> 100 acres	> 30,000 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day_____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Unpaved Haul Roads/Access

Soil Texture Rating	Total Acres Disturbed	Minimum Water Available
Severe (clay, silty clay, sandy clay)	0 – 2 acres	375 – 750 gallons per day
	2 – 10 acres	750 – 3,500 gallons per day
	10 – 100 acres	3,500 – 35,000 gallons per day
	> 100 acres	> 35,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	225 – 400 gallons per day
	2 – 10 acres	400 – 2,250 gallons per day
	10 – 100 acres	2,250 – 22,250 gallons per day
	> 100 acres	> 22,500 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Vertical/Paved
(This pertains to Dust Control during the vertical phase of the project)

Soil Texture Rating	Total Acres Disturbed	Minimum Water Available
Severe (clay, silty clay, sandy clay)	0 – 2 acres	250 – 500 gallons per day
	2 – 10 acres	500 – 2,500 gallons per day
	10 – 100 acres	2,500 – 25,000 gallons per day
	> 100 acres	> 25,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	150 – 300 gallons per day
	2 – 10 acres	300 – 1,500 gallons per day
	10 – 100 acres	1,500 – 15,000 gallons per day
	> 100 acres	> 15,000 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Staging/Parking Areas/Open Areas Including Landscaping Installation

Soil Texture Rating	Total Acres Disturbed	Minimum Water Available
Severe (clay, silty clay, sandy clay)	0 – 2 acres	375 – 750 gallons per day
	2 – 10 acres	750 – 3,500 gallons per day
	10 – 100 acres	3,500 – 35,000 gallons per day
	> 100 acres	> 35,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	225 – 400 gallons per day
	2 – 10 acres	400 – 2,250 gallons per day
	10 – 100 acres	2,250 – 22,500 gallons per day
	> 100 acres	> 22,500 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Project Phase – Structure Excavation
(Includes stem walls, footings, culverts, abutments, caissons)

Soil Texture Rating	Total Acres Disturbed	Minimum Water Available
Severe (clay, silty clay, sandy clay)	0 – 2 acres	500 – 1,000 gallons per day
	2 – 10 acres	1,000 – 5,000 gallons per day
	10 – 100 acres	5,000 – 50,000 gallons per day
	> 100 acres	> 50,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	300 – 600 gallons per day
	2 – 10 acres	600 – 3,000 gallons per day
	10 – 100 acres	3,000 – 30,000 gallons per day
	> 100 acres	> 30,000 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Soil Texture Rating	Project Phase – Fine Grading	
	Total Acres Disturbed	**Minimum Water Available**
Severe (clay, silty clay, sandy clay)	0 – 2 acres	500 – 1,000 gallons per day
	2 – 10 acres	1,000 – 5,000 gallons per day
	10 – 100 acres	5,000 – 50,000 gallons per day
	> 100 acres	> 50,000 gallons per day
Moderate (all other classifications)	0 – 2 acres	300 – 600 gallons per day
	2 – 10 acres	600 – 3,000 gallons per day
	10 – 100 acres	3,000 – 30,000 gallons per day
	> 100 acres	> 30,000 gallons per day

Average Daily Disturbance in Acres _____ Number of Gallons per acre per day _____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

Import/Export Operations

Number of Yards Involved in this Phase _____ Number of Days for Operation _____

Number of Yards Imported/Exported x 30 gallons of water per yard =_____(Total Gallons required)

Total Gallons required divided by number of days =_____

Supply	Size/Number	Application	Size/Number
☐ Metered Hydrant	_____	☐ Hose	_____
☐ Water Tower	_____	☐ Water Truck	_____
☐ Water Pond	_____	☐ Water Pull	_____
☐ Other _____	_____	☐ Water Buffalo	_____
		☐ Other _____	_____

J. Dust Suppressants

(See Guidance Pages 25-35)

Although water is a dust suppressant, the information required by Table J should no include information on water supply and water application. The information required by Table J is for all other dust suppressants that you use. Fill out the applicable areas in the table below and attach information on environmental impacts and approvals of certifications related to appropriate and safe use for ground application. Also, attach product specification(s) and application sheet(s) or label instructions.

Application Section	Manufacturer Name	Product	Application Frequency*	Intensity**
A Vehicles/Motorized Equipment				
B Disturbed Surface Areas				
C Bulk Material Handling				
D Carryout, Spillage, Erosion				
E Weed Abatement By Discing or Blading				
F Blasting Operations				
G Demolition Activities				
H Wind Event				

* How often the surface will receive a complete application of dust suppressant (e.g. 3 times a day)
** The amount used over a period of time (e.g. gallons/minute)