



CITY OF PALM DESERT

73-510 FRED WARING DRIVE
PALM DESERT, CALIFORNIA 92260-2578
TEL: (760) 776-6450
FAX: (760) 341-7098

NOTICE TO GRADING PERMIT APPLICANTS New Dust Control Ordinance Requirements

On November 13, 2003, the City Council of the City of Palm Desert unanimously passed Ordinance 1056 which revised Title 24, Chapter 12 of the Palm Desert Municipal Code, more commonly known as the Dust Control Ordinance. This ordinance was enacted December 13, 2003, to comply with requirements from the South Coast Air Quality Management District (AQMD), and has created new requirements for all applicants for grading permits.

1. All projects disturbing more than 5,000 sq. ft. of earth must complete a PM10 plan. Providing PM10 notes on the grading plan will no longer be adequate. Consult the AQMD Dust Control Handbook for additional requirements on larger projects.
2. The PM10 plan will need to be prepared per the instructions in the AQMD Dust Control Handbook. Form templates for preparing the plan are available from the City or the AQMD.
3. Any individual responsible for preparing a PM10 plan must possess a certificate of attendance for the Coachella Valley Fugitive Dust Control Class.
4. Any person performing any site grading, whether contractor or owner, must possess a certificate of attendance for the Coachella Valley Fugitive Dust Control Class or designate an individual who has a certificate of attendance to represent them by completing a Owner Designee form.

If you have not yet attended the class you will need to contact the AQMD Tuesday through Friday between the hours of 7:00 AM and 5:30 PM. To register, contact:

Sharon Fujimoto
South Coast Air Quality Management District
(866) 861-3878
dustcontrol@aqmd.gov

Classes are held monthly in the CVAG building in the Palm Desert Civic Center.*
Contact the AQMD for the exact dates and times of the classes.
There is no fee to take the class.

**If you have a group of at least 15 persons desiring to become certified, the AQMD will conduct the class at your site free of charge.*



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PM10 PLAN

(FORM I)

PAGE #1

Instructions For Preparing a PM10 Plan Projects Less Than 10 Acres In Size

1. If you have not yet attended the Coachella Valley Fugitive Dust Control Class and received a certificate of completion, and you are not designating a certified individual to act in your behalf, contact the AQMD to register for the class. Contact Sharon Fujimoto at (866) 861-3878. The class is offered monthly free of charge.
2. Fill out the 4 pages of the Palm Desert Fugitive Dust Control Plan Application Form - (FORM A). When completing Form "A" follow instructions to complete a vicinity map and site exhibit.
3. If you are designating a certified individual to act on your behalf, complete the Ownership Designee Form - (FORM OD).
4. Fill out the 5 pages of the Palm Desert Fugitive Dust Control Plan for Projects less than 10 Acres – (FORM DCP). In each source category place an 'X' next to the best available control measure(s) you intend to use. If a source category is not applicable to your project, write "N/A" over the box.
5. Submit the PM10 Plan Packet to the department of Public Works with your grading plan submittal.
6. At the time of grading permit issuance, obtain a PM10 sign per the attached drawing, and post at the site entrance prior to starting any grading operations. The sign may be removed only after all grading activities have ceased, any exposed areas have been stabilized, and the grading has received a final inspection signoff.

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PM10 PLAN**(FORM A)****PAGE #1**

Fugitive Dust Control Plan Application Form
 (Form A - Page 1 of 4)

Please print in ink or type. Blank spaces must be completed for the application to be processed. If an item is not applicable, please enter N/A.

1. Form Preparer: Property Owner Developer Prime Contractor Other *
 (If Other, attach Owner Designee Form OD)

CONTACT PERSON NAME	
COMPANY NAME	
COMPANY ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE NUMBER	
FACSIMILE NUMBER	
24-HOUR, MANNED AFTER HOURS PHONE NUMBER	
AQMD DUST CLASS CERTIFICATE #	

2. Project Address or Location

PROJECT NAME	
PROJECT ADDRESS	
CITY, STATE, ZIP CODE	
NEAREST MAJOR CROSS STREETS	
PARCEL NUMBERS	

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PM10 PLAN**(FORM A)****PAGE #2**

Fugitive Dust Control Plan Application Form
 (Form A - Page 2 of 4)

3. Project Acreage (total land to be disturbed)

(include project site and associated unpaved access roads, stockpiles, and staging areas)

PROJECT SIZE (ACRES)	
WATER SOURCE (GPM)	

4. Project Owner (if Fugitive Dust Control Plan preparer is not the property owner)

NAME	
COMPANY NAME (IF APPLICABLE)	
ADDRESS (INCLUDE CITY, STATE, & ZIP CODE)	
TELEPHONE NUMBER	
FACSIMILE NUMBER	

5. The Person(s) responsible for dust control measures and to whom official notices should be sent if necessary

RESPONSIBLE PERSON	
COMPANY NAME	
ADDRESS (INCLUDE CITY, STATE, & ZIP CODE)	
TELEPHONE NUMBER	
24-HOUR, MANNED AFTER-HOURS TELEPHONE NUMBER	
FACSIMILE NUMBER	
AQMD DUST CLASS CERTIFICATE #	



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PM10 PLAN

(FORM A)

PAGE #3

Fugitive Dust Control Plan Application Form
(Form A - Page 3 of 4)

6. On-Site Superintendent/Supervisor/Foreman contact

NAME	
COMPANY NAME	
ADDRESS (INCLUDE CITY, STATE, & ZIP CODE)	
TELEPHONE NUMBER	
24-HOUR, MANNED AFTER-HOURS TELEPHONE NUMBER	
AQMD DUST CLASS CERTIFICATE #	

7. Site Mapping

Provide a map showing the vicinity of the project clearly identifying the closest major cross streets or other landmarks and the project location. Label this map “Vicinity Map”. Required map size is 8 ½” by 11”.

Provide an 8 ½” by 11” or larger **Site Exhibit** for the property(s) on which the project will be occurring. Identify the affected parcels. Identify location of site entrances, internal unpaved haul routes, wind fencing, areas to be chemically stabilized and other proposed and required dust control mitigations. Projects that are only installing or constructing linear features such as roads, pipelines or other utilities that border or cross more than one Assessor’s parcel do not require a Site Exhibit, but must provide a detailed vicinity map adequately depicting the entire project area. If the project is divided into construction phases (separate physical project areas), provide an exhibit clearly identifying the phases.

8. Attach a Fugitive Dust Control Plan

- ✓ Projects with less than 10 acres of disturbed surfaces must complete and attach a Fugitive Dust Control Plan (Form DCP) or equivalent.
- ✓ Projects with 10 acres or more of disturbed surfaces must complete and attach a Site-Specific Fugitive Dust Control Plan. Guidance for preparation of a Site-Specific Fugitive Dust Control Plan is available upon request.



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PM10 PLAN

(FORM A)

PAGE #4

Fugitive Dust Control Plan Application Form
(Form A - Page 4 of 4)

9. Project notifications

For projects with 10 acres or more of disturbed surfaces, the dust control ordinance requires notification to the local permitting authority and to the AQMD prior to project initiation and at project completion. (Refer to Chapter 4 of the Coachella Valley Fugitive Dust Control Handbook for specific requirements and forms).

10. Project Signage

Construction signage must be installed on-site prior to construction. Guidelines for construction signage are found attached to this packet.

11. Owner Agreement

A signature on this application constitutes an agreement by the owner to be the person with authority to enforce compliance by all contractors and subcontractors of the Dust Control Ordinance, Fugitive Dust Control Plan conditions, and any supplements identified by the permitting authority. Once approved, this application is incorporated by reference and becomes a part of the approved site grading plan.

Owner or Owner Designee Signature

Date

Printed Name

Title and Company

AQMD Coachella Valley Fugitive Dust Control Class Certificate #

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PM10 PLAN**(FORM OD)****PAGE #1**

Ownership Designee Form
 (Form OD)

An owner's designee form is required if a Fugitive Dust Control Plan is not prepared/implemented by the property owner, developer or prime contractor.

PROJECT INFORMATION	PLEASE ENTER INFORMATION BELOW
DESIGNEE'S NAME	
COMPANY NAME	
ADDRESS/LOCATION	
PHONE NUMBER	
AFTER-HOURS PHONE NUMBER	
AQMD DUST CLASS CERTIFICATE #	

PROPERTY OWNER INFORMATION	PLEASE ENTER INFORMATION BELOW
PROPERTY OWNER'S NAME	
ADDRESS/LOCATION	
PHONE NUMBER	
24-HOUR, MANNED AFTER-HOURS PHONE NUMBER	

OWNER STATEMENT

I hereby authorize the person listed as my designee to act on my behalf in all matters regarding the issuance and requirements of the Fugitive Dust Control Plan for construction activities. The designee is responsible for project duration. The designee has successfully completed the AQMD Coachella Valley Fugitive Dust Control Class. Furthermore, the designee is responsible for ensuring the contractor(s), subcontractor(s), and all other persons associated with the project are in compliance with the approved Fugitive Dust Control Plan, dust control ordinance requirements, and AQMD regulations.

Owner's Signature _____ Date _____

Printed Name _____



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PM10 PLAN

(FORM DCP)

INSTRUCTIONS

**FUGITIVE DUST CONTROL PLAN PREPARATION GUIDANCE FOR
 SMALLER CONSTRUCTION PROJECTS
 (LESS THAN 10 ACRES)**

The following instructions have been prepared to assist project operators in preparing a Fugitive Dust Control Plan for construction activities with less than 10 acres of disturbed surfaces. Submitting a complete Fugitive Dust Control Plan is essential in expediting the process, so please read and follow the instructions carefully.

Fugitive Dust Control Plan Guidance

Use the attached pages (Form DCP) to designate the dust control actions to be implemented on-site. Separate the actions to be implemented during the various project phases (e.g., clearing/grubbing and mass grading, finish grading, and site construction, etc.). If applicable, describe the additional control actions to be implemented on-site.

Please remember the following when preparing a Fugitive Dust Control Plan:

- ✓ A complete copy of the Fugitive Dust Control Plan and all maps must be on-site prior to beginning construction activity and must be retained on-site at all times during project construction.
- ✓ Construction signage must be installed on-site prior to construction. Guidelines for construction signage are found in this packet.
- ✓ Dust control is required 24 hours a day, 7 days a week for the duration of the project regardless of wind conditions or construction project status.
- ✓ Daily recordkeeping of dust control actions is required to be compiled and retained during project duration and for three years after project completion.
- ✓ Grading plans must include a statement that incorporates the approved fugitive dust control plan into the approved grading plan.

Example

Backfilling	Stabilize backfill material: <input checked="" type="checkbox"/> 01-1 when not actively handling; <input checked="" type="checkbox"/> 01-2 during handling; <input type="checkbox"/> 01-3 at completion of activity.	Stabilize backfill material: N/A <input type="checkbox"/> 01-1 when not actively handling; & <input type="checkbox"/> 01-2 during handling; & <input type="checkbox"/> 01-3 at completion of activity.	Stabilize backfill material: <input type="checkbox"/> 01-1 when not actively handling; & <input type="checkbox"/> 01-2 during handling; & <input checked="" type="checkbox"/> 01-3 at completion of activity.
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PM10 PLAN
(FORM DCP)
PAGE #1

Fugitive Dust Control Plan
 For Projects < 10 Acres (Form DCP, Page 1 of 5)

Project Name: _____ **Water Source** _____
Permit Number (if applicable): _____ **No. Water Trucks** _____
Owner Name: _____ **No. Water Towers** _____
Anticipated Start Date: _____ **Anticipated Completion Date:** _____
Total Earth-Movement (Cubic Yards): _____

Note: Complete entire form by checking applicable boxes. Write "N/A" over box if not applicable.

Project Phases

Source Category	Clearing, Grubbing, & Mass Grading <i>(Describe Control Actions)</i>	Finish Grading <i>(Describe Control Actions)</i>	Site Construction <i>(Describe Control Actions)</i>
Backfilling	Stabilize backfill material: <input type="checkbox"/> 01-1 when not actively handling; <input type="checkbox"/> 01-2 during handling; <input type="checkbox"/> 01-3 at completion of activity.	Stabilize backfill material: <input type="checkbox"/> 01-1 when not actively handling; & <input type="checkbox"/> 01-2 during handling; & <input type="checkbox"/> 01-3 at completion of activity.	Stabilize backfill material: <input type="checkbox"/> 01-1 when not actively handling; & <input type="checkbox"/> 01-2 during handling; & <input type="checkbox"/> 01-3 at completion of activity.
Clearing and Grubbing	<input type="checkbox"/> 02-1 Maintain soil stability by pre-watering of site prior to activities; <input type="checkbox"/> 02-2 Stabilize soil during activities; <input type="checkbox"/> 02-3 Stabilize soil immediately after activities.	<input type="checkbox"/> 02-1 Maintain soil stability by pre-watering of site prior to activities; <input type="checkbox"/> 02-2 Stabilize soil during activities; <input type="checkbox"/> 02-3 Stabilize soil immediately after activities.	<input type="checkbox"/> 02-1 Maintain soil stability by pre-watering of site prior to activities; <input type="checkbox"/> 02-2 Stabilize soil during activities; <input type="checkbox"/> 02-3 Stabilize soil immediately after activities.
Clearing Forms	<input type="checkbox"/> 03-1 water spray to clear forms; or <input type="checkbox"/> 03-2 sweeping and water spray to clear forms; or <input type="checkbox"/> 03-3 vacuum system to clear forms.	<input type="checkbox"/> 03-1 water spray to clear forms; or <input type="checkbox"/> 03-2 sweeping and water spray to clear forms; or <input type="checkbox"/> 03-3 vacuum system to clear forms.	<input type="checkbox"/> 03-1 water spray to clear forms; or <input type="checkbox"/> 03-2 sweeping and water spray to clear forms; or <input type="checkbox"/> 03-3 vacuum system to clear forms.
Crushing	<input type="checkbox"/> 04-1 Stabilize surface soils prior to operation of support equip. <input type="checkbox"/> 04-2 Stabilize mater. after crushing.	<input type="checkbox"/> 04-1 Stabilize surface soils prior to operation of support equip. <input type="checkbox"/> 04-2 Stabilize mater. after crushing.	<input type="checkbox"/> 04-1 Stabilize surface soils prior to operation of support equip. <input type="checkbox"/> 04-2 Stabilize mater. after crushing.



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PM10 PLAN

(FORM DCP)

PAGE #2

Fugitive Dust Control Plan

For Projects < 10 Acres (Form DCP, Page 2 of 5)

Project Phases

Source Category	Clearing, Grubbing, and Mass Grading <i>(Describe Control Actions)</i>	Finish Grading <i>(Describe Control Actions)</i>	Site Construction <i>(Describe Control Actions)</i>
Cut and Fill	<input type="checkbox"/> 05-1 Pre-water soils prior to cut and fill activities; and. <input type="checkbox"/> 05-2 Stabilize soil during and after cut and fill activities.	<input type="checkbox"/> 05-1 Pre-water soils prior to cut and fill activities; and. <input type="checkbox"/> 05-2 Stabilize soil during and after cut and fill activities.	<input type="checkbox"/> 05-1 Pre-water soils prior to cut and fill activities; and. <input type="checkbox"/> 05-2 Stabilize soil during and after cut and fill activities.
Demolition mechanical /manual	<input type="checkbox"/> 06-1 Stabilize wind erodible surfaces to prevent dust; and <input type="checkbox"/> 06-2 Stabilize surface soil where support equipment and vehicles will operate; and <input type="checkbox"/> 06-3 Stabilize loose soil and demolition debris; and <input type="checkbox"/> 06-4 Comply with AQMD Rule 1403.	<input type="checkbox"/> 06-1 Stabilize wind erodible surfaces to prevent dust; and <input type="checkbox"/> 06-2 Stabilize surface soil where support equipment and vehicles will operate; and <input type="checkbox"/> 06-3 Stabilize loose soil and demolition debris; and <input type="checkbox"/> 06-4 Comply with AQMD Rule 1403.	<input type="checkbox"/> 06-1 Stabilize wind erodible surfaces to prevent dust; and <input type="checkbox"/> 06-2 Stabilize surface soil where support equipment and vehicles will operate; and <input type="checkbox"/> 06-3 Stabilize loose soil and demolition debris; and <input type="checkbox"/> 06-4 Comply with AQMD Rule 1403.
Disturbed soil	<input type="checkbox"/> 07-1 Stabilize disturbed soil throughout the construction site; and <input type="checkbox"/> 07-2 Stabilize disturbed soil between structures	<input type="checkbox"/> 07-1 Stabilize disturbed soil throughout the construction site; and <input type="checkbox"/> 07-2 Stabilize disturbed soil between structures	<input type="checkbox"/> 07-1 Stabilize disturbed soil throughout the construction site; and <input type="checkbox"/> 07-2 Stabilize disturbed soil between structures
Earth-moving activities	<input type="checkbox"/> 08-1 Pre-apply water to depth of proposed cuts; and <input type="checkbox"/> 08-2 Re-apply water as necessary to maintain soils in a damp condition; and <input type="checkbox"/> 08-3 Stabilize soils once earth-moving activities are complete.	<input type="checkbox"/> 08-1 Pre-apply water to depth of proposed cuts; and <input type="checkbox"/> 08-2 Re-apply water as necessary to maintain soils in a damp condition; and <input type="checkbox"/> 08-3 Stabilize soils once earth-moving activities are complete.	<input type="checkbox"/> 08-1 Pre-apply water to depth of proposed cuts; and <input type="checkbox"/> 08-2 Re-apply water as necessary to maintain soils in a damp condition; and <input type="checkbox"/> 08-3 Stabilize soils once earth-moving activities are complete.
Importing/exporting of bulk materials	<input type="checkbox"/> 09-1 Stabilize material while loading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-2 Maintain at least six inches of freeboard on haul vehicles; and <input type="checkbox"/> 09-3 Limit vehicular speeds to 15 miles per hour while traveling on-site; and	<input type="checkbox"/> 09-1 Stabilize material while loading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-2 Maintain at least six inches of freeboard on haul vehicles; and <input type="checkbox"/> 09-3 Limit vehicular speeds to 15 miles per hour while traveling on-site; and	<input type="checkbox"/> 09-1 Stabilize material while loading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-2 Maintain at least six inches of freeboard on haul vehicles; and <input type="checkbox"/> 09-3 Limit vehicular speeds to 15 miles per hour while traveling on-site; and



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PM10 PLAN

(FORM DCP)

PAGE #3

Fugitive Dust Control Plan

For Projects < 10 Acres (Form DCP, Page 3 of 5)

Project Phases

Source Category	Clearing, Grubbing, and Mass Grading <i>(Describe Control Actions)</i>	Finish Grading <i>(Describe Control Actions)</i>	Site Construction <i>(Describe Control Actions)</i>
Importing/ exporting of bulk materials (cont.)	<input type="checkbox"/> 09-4 Stabilize material while transporting to prevent fugitive dust emissions; and <input type="checkbox"/> 09-5 Stabilize material while unloading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-6 Comply with Vehicle Code Section 23114.	<input type="checkbox"/> 09-4 Stabilize material while transporting to prevent fugitive dust emissions; and <input type="checkbox"/> 09-5 Stabilize material while unloading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-6 Comply with Vehicle Code Section 23114.	<input type="checkbox"/> 09-4 Stabilize material while transporting to prevent fugitive dust emissions; and <input type="checkbox"/> 09-5 Stabilize material while unloading to prevent fugitive dust emissions; and <input type="checkbox"/> 09-6 Comply with Vehicle Code Section 23114.
Landscap- ing	<input type="checkbox"/> 10-1 Stabilize soils, materials, slopes	<input type="checkbox"/> 10-1 Stabilize soils, materials, slopes	<input type="checkbox"/> 10-1 Stabilize soils, materials, slopes
Road shoulder maint.	<input type="checkbox"/> 11-1 Apply water to unpaved shoulders prior to clearing; and <input type="checkbox"/> 11-2 Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.	<input type="checkbox"/> 11-1 Apply water to unpaved shoulders prior to clearing; and <input type="checkbox"/> 11-2 Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.	<input type="checkbox"/> 11-1 Apply water to unpaved shoulders prior to clearing; and <input type="checkbox"/> 11-2 Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.
Screening	<input type="checkbox"/> 12-1 Pre-water material prior to screening; and <input type="checkbox"/> 12-2 Limit fugitive dust emissions to opacity and plume length standards; and <input type="checkbox"/> 12-3 Stabilize material immediately after screening.	<input type="checkbox"/> 12-1 Pre-water material prior to screening; and <input type="checkbox"/> 12-2 Limit fugitive dust emissions to opacity and plume length standards; and <input type="checkbox"/> 12-3 Stabilize material immediately after screening.	<input type="checkbox"/> 12-1 Pre-water material prior to screening; and <input type="checkbox"/> 12-2 Limit fugitive dust emissions to opacity and plume length standards; and <input type="checkbox"/> 12-3 Stabilize material immediately after screening.
Staging Areas	<input type="checkbox"/> 13-1 Stabilize staging areas during use; and <input type="checkbox"/> 13-2 Stabilize staging area soils at project completion.	<input type="checkbox"/> 13-1 Stabilize staging areas during use; and <input type="checkbox"/> 13-2 Stabilize staging area soils at project completion.	<input type="checkbox"/> 13-1 Stabilize staging areas during use; and <input type="checkbox"/> 13-2 Stabilize staging area soils at project completion.



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PM10 PLAN

(FORM DCP)

PAGE #4

Fugitive Dust Control Plan For Projects < 10 Acres (Form DCP, Page 4 of 5)

Project Phases

Source Category	Clearing, Grubbing, and Mass Grading <i>(Describe Control Actions)</i>	Finish Grading <i>(Describe Control Actions)</i>	Site Construction <i>(Describe Control Actions)</i>
Stockpiles/ bulk materials handling	<input type="checkbox"/> 14-1 Stabilize stockpiled materials; or <input type="checkbox"/> 14-2 Install and maintain wind barriers with no less than 50 percent porosity on three sides of the pile, such that the barrier is equal to or greater than the pile height. <input type="checkbox"/> 14-3 Stockpiles within 100 yards of occupied buildings must not be greater than eight feet in height; or <input type="checkbox"/> 14-4 Stockpiles greater than eight feet in height and not covered must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.	<input type="checkbox"/> 14-1 Stabilize stockpiled materials; or <input type="checkbox"/> 14-2 Install and maintain wind barriers with no less than 50 percent porosity on three sides of the pile, such that the barrier is equal to or greater than the pile height. <input type="checkbox"/> 14-3 Stockpiles within 100 yards of occupied buildings must not be greater than eight feet in height; or <input type="checkbox"/> 14-4 Stockpiles greater than eight feet in height and not covered must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.	<input type="checkbox"/> 14-1 Stabilize stockpiled materials; or <input type="checkbox"/> 14-2 Install and maintain wind barriers with no less than 50 percent porosity on three sides of the pile, such that the barrier is equal to or greater than the pile height. <input type="checkbox"/> 14-3 Stockpiles within 100 yards of occupied buildings must not be greater than eight feet in height; or <input type="checkbox"/> 14-4 Stockpiles greater than eight feet in height and not covered must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.
Traffic areas for const. activities	<input type="checkbox"/> 15-1 Stabilize all off-road traffic and parking areas; and <input type="checkbox"/> 15-2 Ensure that on-site vehicular traffic does not exceed 15 miles per hour; and <input type="checkbox"/> 15-3 Stabilize all haul routes; and <input type="checkbox"/> 15-4 Direct construction traffic over established haul routes.	<input type="checkbox"/> 15-1 Stabilize all off-road traffic and parking areas; and <input type="checkbox"/> 15-2 Ensure that on-site vehicular traffic does not exceed 15 miles per hour; and <input type="checkbox"/> 15-3 Stabilize all haul routes; and <input type="checkbox"/> 15-4 Direct construction traffic over established haul routes.	<input type="checkbox"/> 15-1 Stabilize all off-road traffic and parking areas; and <input type="checkbox"/> 15-2 Ensure that on-site vehicular traffic does not exceed 15 miles per hour; and <input type="checkbox"/> 15-3 Stabilize all haul routes; and <input type="checkbox"/> 15-4 Direct construction traffic over established haul routes.
Trenching	<input type="checkbox"/> 16-1 Stabilize surface soils where trencher or excavator and support equipment will operate; and <input type="checkbox"/> 16-2 Stabilize soils at the completion of trenching activities.	<input type="checkbox"/> 16-1 Stabilize surface soils where trencher or excavator and support equipment will operate; and <input type="checkbox"/> 16-2 Stabilize soils at the completion of trenching activities.	<input type="checkbox"/> 16-1 Stabilize surface soils where trencher or excavator and support equipment will operate; and <input type="checkbox"/> 16-2 Stabilize soils at the completion of trenching activities.
Truck loading	<input type="checkbox"/> 17-1 Pre-water material prior to loading; and <input type="checkbox"/> 17-2 Ensure that freeboard does not exceed six inches	<input type="checkbox"/> 17-1 Pre-water material prior to loading; and <input type="checkbox"/> 17-2 Ensure that freeboard does not exceed six inches	<input type="checkbox"/> 17-1 Pre-water material prior to loading; and <input type="checkbox"/> 17-2 Ensure that freeboard does not exceed six inches



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PM10 PLAN

(FORM DCP)

PAGE #5

Fugitive Dust Control Plan

For Projects < 10 Acres (Form DCP, Page 5 of 5)

Project Phases

Source Category	Clearing, Grubbing, and Mass Grading <i>(Describe Control Actions)</i>	Finish Grading <i>(Describe Control Actions)</i>	Site Construction <i>(Describe Control Actions)</i>
Turf overseeding	<input type="checkbox"/> 18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and <input type="checkbox"/> 18-2 Cover haul vehicles prior to exiting the site.	<input type="checkbox"/> 18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and <input type="checkbox"/> 18-2 Cover haul vehicles prior to exiting the site.	<input type="checkbox"/> 18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and <input type="checkbox"/> 18-2 Cover haul vehicles prior to exiting the site.
Unpaved roads/ parking lots	<input type="checkbox"/> 19-1 Stabilize soils to meet the applicable performance standards; and <input type="checkbox"/> 19-2 Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots	<input type="checkbox"/> 19-1 Stabilize soils to meet the applicable performance standards; and <input type="checkbox"/> 19-2 Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots	<input type="checkbox"/> 19-1 Stabilize soils to meet the applicable performance standards; and <input type="checkbox"/> 19-2 Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots
Vehicular track-out, clean-up	<input type="checkbox"/> 19-3 Use wheel washes at construction entrances <input type="checkbox"/> 19-4 Use street sweeping as required.	<input type="checkbox"/> 19-3 Use wheel washes at construction entrances <input type="checkbox"/> 19-4 Use street sweeping as required.	<input type="checkbox"/> 19-3 Use wheel washes at construction entrances <input type="checkbox"/> 19-4 Use street sweeping as required.
Weather monitoring/ work practices	<input type="checkbox"/> 20-1 Monitor current weather conditions predictions from the AQMD's wind forecast system (800) CUT-SMOG [Press 1, then Press 5] or the National Weather Service; & <input type="checkbox"/> 20-2 Cease all construction activities if fugitive dust emissions exceed 20 percent opacity or if 100 foot visible plume restriction cannot be met. Control measures must continue to operate unless operation of such equipment cannot reduce emissions or if visibility is limited to such an extent that it is hazardous to operate such equipment.	<input type="checkbox"/> 20-1 Monitor current weather conditions predictions from the AQMD's wind forecast system (800) CUT-SMOG [Press 1, then Press 5] or the National Weather Service; & <input type="checkbox"/> 20-2 Cease all construction activities if fugitive dust emissions exceed 20 percent opacity or if 100 foot visible plume restriction cannot be met. Control measures must continue to operate unless operation of such equipment cannot reduce emissions or if visibility is limited to such an extent that it is hazardous to operate such equipment.	<input type="checkbox"/> 20-1 Monitor current weather conditions predictions from the AQMD's wind forecast system (800) CUT-SMOG [Press 1, then Press 5] or the National Weather Service; & <input type="checkbox"/> 20-2 Cease all construction activities if fugitive dust emissions exceed 20 percent opacity or if 100 foot visible plume restriction cannot be met. Control measures must continue to operate unless operation of such equipment cannot reduce emissions or if visibility is limited to such an extent that it is hazardous to operate such equipment.
Other <i>(describe)</i>			



CITY OF PALM DESERT

73-510 FRED WARING DRIVE
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 TEL: (760) 776-6450
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PM10 PLAN

(FORM BACM)

PAGE #1

PM10 - BEST AVAILABLE CONTROL MEASURES (BACM)

Source Category	Control Measure	Guidance
Backfilling	01-1 Stabilize backfill material when not actively handling; and 01-2 Stabilize backfill material during handling; and 01-3 Stabilize soil at completion of activity.	<ul style="list-style-type: none"> ✓ Mix backfill soil with water prior to moving ✓ Dedicate water truck or high capacity hose to backfilling equipment ✓ Empty loader bucket slowly so that no dust plumes are generated ✓ Minimize drop height from loader bucket
Clearing and grubbing	02-1 Maintain stability of soil through pre-watering of site prior to clearing and grubbing; and 02-2 Stabilize soil during clearing and grubbing activities; and 02-3 Stabilize soil immediately after clearing and grubbing activities.	<ul style="list-style-type: none"> ✓ Maintain live perennial vegetation and desert pavement where possible ✓ Apply water in sufficient quantity to prevent generation of dust plumes
Clearing forms	03-1 Use water spray to clear forms; or 03-2 Use sweeping and water spray to clear forms; or 03-3 Use vacuum system to clear forms.	<ul style="list-style-type: none"> ✓ Use of high pressure air to clear forms may cause exceedance of opacity/plume length restrictions
Crushing	04-1 Stabilize surface soils prior to operation of support equipment; and 04-2 Stabilize material after crushing.	<ul style="list-style-type: none"> ✓ Follow permit conditions for crushing equipment ✓ Pre-water material prior to loading into crusher ✓ Monitor crusher emissions opacity ✓ Apply water to crushed material to prevent dust plumes
Cut and fill	05-1 Pre-water soils prior to cut and fill activities; and 05-2 Stabilize soil during and after cut and fill activities.	<ul style="list-style-type: none"> ✓ For large sites, pre-water with sprinklers or water trucks and allow time for penetration ✓ Use water trucks/pulls to water soils to depth of cut prior to subsequent cuts



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PM10 PLAN

(FORM BACM)

PAGE #2

Source Category	Control Measure		Guidance
Demolition – mechanical/manual	06-1 06-2 06-3 06-4	Stabilize wind erodible surfaces to prevent dust; and Stabilize surface soil where support equipment and vehicles will operate; and Stabilize loose soil and demolition debris; and Comply with AQMD Rule 1403.	✓ Apply water in sufficient quantities to prevent the generation of visible dust plumes
Disturbed soil	07-1 07-2	Stabilize disturbed soil throughout the construction site; and Stabilize disturbed soil between structures	<ul style="list-style-type: none"> ✓ Limit vehicular traffic and disturbances on soils where possible ✓ If interior block walls are planned, install as early as possible ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes
Earth-moving activities	08-1 08-2 08-3	Pre-apply water to depth of proposed cuts; and Re-apply water as necessary to maintain soils in a damp condition; and Stabilize soils once earth-moving activities are complete.	<ul style="list-style-type: none"> ✓ Grade each project phase separately, timed to coincide with construction phase ✓ Upwind fencing can prevent material movement on site ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes
Importing/exporting of bulk materials	09-1 09-2 09-3 09-4 09-5 09-6	Stabilize material while loading to prevent fugitive dust emissions; and Maintain at least six inches of freeboard on haul vehicles; and Limit vehicular speeds to 15 miles per hour while traveling on-site; and Stabilize material while transporting to prevent fugitive dust emissions; and Stabilize material while unloading to prevent fugitive dust emissions; and Comply with Vehicle Code Section 23114.	<ul style="list-style-type: none"> ✓ Use tarps or other suitable enclosures on haul trucks ✓ Check belly-dump truck seals regularly and remove any trapped rocks to prevent spillage ✓ Comply with track-out prevention/mitigation requirements ✓ Provide water while loading and unloading to prevent visible dust plumes



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PM10 PLAN

(FORM BACM)

PAGE #3

Source Category		Control Measure	Guidance
Landscaping	10-1	Stabilize soils, materials, slopes	<ul style="list-style-type: none"> ✓ Apply water to materials to stabilize ✓ Maintain materials in a crusted condition ✓ Maintain effective cover over materials ✓ Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slopes ✓ Hydroseed prior to rain season
Road shoulder maintenance	11-1 11-2	<p>Apply water to unpaved shoulders prior to clearing; and</p> <p>Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.</p>	<ul style="list-style-type: none"> ✓ Installation of curbing and/or paving of road shoulders can reduce recurring maintenance costs ✓ Use of chemical dust suppressants can inhibit vegetation growth and reduce future road shoulder maintenance costs
Screening	12-1 12-2 12-3	<p>Pre-water material prior to screening; and</p> <p>Limit fugitive dust emissions to opacity and plume length standards; and</p> <p>Stabilize material immediately after screening.</p>	<ul style="list-style-type: none"> ✓ Dedicate water truck or high capacity hose to screening operation ✓ Drop material through the screen slowly and minimize drop height ✓ Install wind barrier with a porosity of no less than 50% upwind of screen to the height of the drop point
Staging areas	13-1 13-2	<p>Stabilize staging areas during use; and</p> <p>Stabilize staging area soils at project completion.</p>	<ul style="list-style-type: none"> ✓ Limit size of staging area ✓ Limit vehicle speeds to 15 miles per hour ✓ Limit number and size of staging area entrances/exists



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PM10 PLAN

(FORM BACM)

PAGE #4

Source Category	Control Measure	Guidance
Stockpiles/ Bulk Material Handling	14-1 Stabilize stockpiled materials; or 14-2 Install and maintain wind barriers with no less than 50 percent porosity on three sides of the pile, such that the barrier is equal to or greater than the pile height. 14-3 Stockpiles within 100 yards of occupied buildings must not be greater than eight feet in height; or 14-4 Stockpiles greater than eight feet in height and not covered must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.	<ul style="list-style-type: none"> ✓ Add or remove material from the downwind portion of the storage pile ✓ Maintain storage piles to avoid steep sides or faces
Traffic areas for construction activities	15-1 Stabilize all off-road traffic and parking areas; and 15-2 Ensure that on-site vehicular traffic does not exceed 15 miles per hour; and 15-3 Stabilize all haul routes; and 15-4 Direct construction traffic over established haul routes.	<ul style="list-style-type: none"> ✓ Apply gravel/paving to all haul routes as soon as possible to all future roadway areas ✓ Barriers can be used to ensure vehicles are only used on established parking areas/haul routes
Trenching	16-1 Stabilize surface soils where trencher or excavator and support equipment will operate; and 16-2 Stabilize soils at the completion of trenching activities.	<ul style="list-style-type: none"> ✓ Pre-watering of soils prior to trenching is an effective preventive measure. For deep trenching activities, pre-trench to 18 inches soak soils via the pre-trench and resuming trenching ✓ Washing mud and soils from equipment at the conclusion of trenching activities can prevent crusting and drying of soil on equipment
Truck loading	17-1 Pre-water material prior to loading; and 17-2 Ensure that freeboard does not exceed six inches	<ul style="list-style-type: none"> ✓ Empty loader bucket such that no visible dust plumes are created ✓ Ensure that the loader bucket is close to the truck to minimize drop height while loading



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PM10 PLAN

(FORM BACM)

PAGE #5

Source Category	Control Measure	Guidance
Turf overseeding	18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and 18-2 Cover haul vehicles prior to exiting the site.	✓ Haul waste material immediately off-site
Unpaved roads/parking lots	19-1 Stabilize soils to meet the applicable performance standards; and 19-2 Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots.	✓ Restricting vehicular access to established unpaved travel paths and parking lots can reduce stabilization requirements
Weather monitoring/work practices	20-1 Monitor current weather conditions and weather predictions from the AQMD's toll free wind forecast system (800) CUT-SMOG [Press 1, then Press 5] and / or the National Weather Service; and 20-2 Cease all construction activities if fugitive dust emissions exceed 20 percent opacity or if 100 foot visible plume restriction cannot be met. Control measures (e.g., water trucks/pulls) must continue to operate unless operation of such equipment cannot reduce fugitive dust emissions or if visibility is limited to such an extent that it is hazardous to continue operating such equipment.	✓ Documentation of weather (e.g., wind) conditions can facilitate compliance determinations when using an affirmable defense to dust control ordinance and Fugitive Dust Control Plan requirements

SUMMARY OF DUST CONTROL ORDINANCE REQUIREMENTS

The Coachella Valley dust control ordinances require:

- ✓ at least one of the Coachella Valley Best Available Control Measures (CV BACM) is required to be implemented for each fugitive dust source category.
- ✓ CV BACM must be implemented such that the applicable performance standards (e.g., visible emissions not to exceed 100 feet or 20 percent opacity, or cross any property line, etc.) are met.

A description of the performance standards and applicable test methods is included in Chapter 8 of the Coachella Valley Fugitive Dust Control Handbook.

I hereby certify that I have read and understand the foregoing requirements.

Signature _____ **Date** _____

Print Name _____ **Dust Certificate #** _____

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PM10 PLAN**(FORM BOND)****PAGE #1**

Surety Bond or Certificate of Deposit
 (Form BOND)

The City Council of the City of Palm Desert shall require a bond, a cash Certificate of Deposit, or an equivalent form approved by the City, in an amount equal to at least two thousand dollars (\$2,000.00) per acre or portion thereof. Such funds shall be in an amount sufficient to completely stabilize all disturbed areas in the event that the Operator fails to adequately control dust, or abandons the site in lieu of mitigating fugitive dust problems; and shall be easily accessible to the City in order to initiate stabilization measures without a significant delay.

FORM OF PAYMENT	PARCEL SIZE IN ACRES	\$2,000.00/ACRE	AMOUNT OF BOND
Cash Deposit		\$2,000.00	
Certificate of Deposit		\$2,000.00	
Letter of Credit		\$2,000.00	
Other (specify)		\$2,000.00	

Parcel Size x \$2,000.00 Per Acre = Amount of Bond



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PM10 PLAN

DAILY LOG

DATE: _____

Daily Self-Inspection Recordkeeping Form - AM HOURS

Elements Monitored	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	Comments
Forecasted high winds													
Wind speed													
Wind direction													
# Water trucks operating													
# Water trucks available													
Roads moist/watered													
Unstabilized areas moist/watered													
Dry areas observed													
Irrigation working													
Water tanks filled													
Water pumps working													
Chemical stabilization used													
Track-out observed													
Blow sand observed on-site													
Blowing dust observed on-site													
Blowing dust observed off-site													
Wind/snow fencing maintained													
# Complaints received													
Corrective action taken													

N= No or none Y = Yes N/A = Not applicable Name: _____ Date: _____

Additional Comments:



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PM10 PLAN

DAILY LOG

DATE: _____

Daily Self-Inspection Recordkeeping Form - PM HOURS

Elements Monitored	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	Comments
Forecasted high winds													
Wind speed													
Wind direction													
# Water trucks operating													
# Water trucks available													
Roads moist/watered													
Unstabilized areas moist/watered													
Dry areas observed													
Irrigation working													
Water tanks filled													
Water pumps working													
Chemical stabilization used													
Track-out observed													
Blow sand observed on-site													
Blowing dust observed on-site													
Blowing dust observed off-site													
Wind/snow fencing maintained													
# Complaints received													
Corrective action taken													

N= No or none Y = Yes N/A = Not applicable Name: _____ Date: _____

Additional Comments:

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PM10 PLAN**(FORM CDS)****DATE:** _____

Chemical Dust Suppressant Recordkeeping Form
 (Form CDS)

The dust control ordinance requires activities that utilize chemical dust suppressants must retain records indicating the type of product applied, vendor name, and the method, frequency, concentration, quantity and date of application. A copy of invoices for chemical dust suppressant products or application services is also required. These records must be retained for at least three years after project completion.

PROJECT INFORMATION	PLEASE ENTER INFORMATION BELOW
PLAN/PERMIT NUMBER <i>(IF APPLICABLE)</i>	
PROPERTY OWNER NAME/PHONE	
CONSTRUCTION PROJECT NAME	
PROJECT ADDRESS/LOCATION	
DUST SUPPRESSANT PRODUCT INFORMATION	
DATE/TIME OF APPLICATION	
NAME OF PRODUCT	
DILUTION RATE	
APPLICATION RATE	
ACREAGE/SQUARE FOOTAGE TREATED	
TRAFFIC OR NON-TRAFFIC AREA	
DUST SUPPRESSANT APPLICATOR INFORMATION	
APPLICATOR NAME	
CONTACT	
PHONE	
WARRANTEE TERMS <i>(IF APPLICABLE)</i>	

Signature of Form Preparer: _____ Date: _____

3' (MIN.)

② GRADING PERMIT XX-XXXX
SITE ADDRESS OR PRJ. NM & CASE #

② IF YOU SEE DUST COMING
FROM THIS PROJECT CALL

③ **CONTRACTOR**
③ **760-###-###**

①.5 IF YOU DO NOT GET A RESPONSE WITHIN ONE HOUR,
PLEASE CALL PUBLIC WORKS AT 760-776-6450 (DAY) OR
760-272-6607 (24 HRS) OR CALL A.Q.M.D. AT 1-800-CUT-SMOG

5000 SF TO 1 ACRE PM10 SIGN

2' (MIN.)

4' (MIN.)

③ GRADING PERMIT (GR. PMT. #)
ADDRESS OR PRJ. NM & CASE #

③ IF YOU SEE DUST COMING
FROM THIS PROJECT CALL

④.5' **CONTRACTOR**
④.5' **760-###-###**

②.25" IF YOU DO NOT GET A RESPONSE WITHIN ONE HOUR,
PLEASE CALL PUBLIC WORKS AT 760-776-6450 (DAY) OR
760-272-6607 (24 HRS) OR CALL A.Q.M.D. AT 1-800-CUT-SMOG

1 ACRE TO 10 ACRE PM10 SIGN

3' (MIN.)

8' (MIN.)

④ GRADING PERMIT (GR. PERMIT #)
ADDRESS OR PROJ. NAME & CASE #

④ IF YOU SEE DUST COMING
④ FROM THIS PROJECT CALL

⑥ **CONTRACTOR**

⑥ **NAME 760-###-####**

IF YOU DO NOT GET A RESPONSE WITHIN ONE HOUR,
③ PLEASE CALL PUBLIC WORKS AT 760-776-6450 (DAY) OR
760-272-6607 (24 HRS) OR CALL A.Q.M.D. AT 1-800-CUT-SMOG

10+ ACRE PM10 SIGN

4' (MIN.)