# CITY OF PALM SPRINGS
# GUIDELINES AND APPLICATION

## FUGITIVE DUST CONTROL PLAN (PM-10)

**(UPDATED: APRIL 2014)**

## FOR PROJECTS 10 ACRES OR GREATER

**The Coachella Valley dust control ordinances require submittal and approval of a Fugitive Dust Control Plan prior to:**

- **Issuance of grading permit. Approval of this plan does not constitute a City Engineering grading permit for project initiation.**
- **Issuance of a building permit for projects with 5,000 or more square feet of soil disturbance. Approval of this plan does not constitute a City Building permit for project initiation.**
- **Issuance of permits for projects that import or export more than 50 cubic yards of bulk material per day**

**Projects with more than 5,000 square feet of disturbed surfaces must post a cash deposit of $2000 per acre with the City prior to project initiation.**

**The person(s) completing this plan must attach a copy of the "Certificate of Completion" for Coachella Valley Fugitive Dust Control Class issued by the South Coast Air Quality Management District.**

# FUGITIVE DUST CONTROL PLAN (PM-10) REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

1. Complete the "project information" sheets for the property owner, general contractor, and sub-contractor involved in earth movement/soil stabilization (pages 7, 8 and 9). This information will allow the City to establish who is responsible for implementing the dust control plan and will provide emergency contact information.

2. Fill out the Fugitive Dust Control Agreement on pages 11 & 12. Both the owner and the grading contractor must sign the agreement.

3. Grading plans must include a statement that incorporates the approved fugitive dust control plan into the approved grading plan. An 8 ½" x 11" (letter-size) stand alone fugitive dust control plan is required if the information is included on an approved grading plan.

4. Notify the City of Palm Springs, Public Works and Engineering Division at (760) 323-8253, Ext. 8740 at least 72 hours prior to project initiation and after completion of construction.

5. The site shall be pre-watered for at least 72 hours prior to the physical start of clearing, grubbing or grading.

6. A complete copy of the approved Fugitive Dust Control Plan (PM-10) and all maps must be on-site prior to beginning construction activity and must be retained on-site at all times during project construction.

7. Projects one (1) acre and larger are required to meet National Pollutant Discharge Elimination System (NPDES) requirements. Contact the Public Works Department Engineering Division at (760) 323-8253 for information.

8. An environmental observer acceptable to the City, whose primary dust is oversee dust control on the site, is to be used for construction project with a disturbed surface area equal to or greater than fifty (50) acres. Depending on the nature of the project, the City may require an environmental observer on projects smaller than fifty (50) acres. The environmental observer is tasked with monitoring dust abatement measures and is authorized to deploy additional water trucks and other dust control actions (i.e., wind fencing, street sweepers, chemical dust suppressants, etc.) as necessary to prevent or control fugitive dust. In the event that the City requires an environmental observer, contact information must be provided (page 10). The environmental observer will be required to use daily log sheets to record dust control information (pages 38-40).

# FUGITIVE DUST CONTROL PLAN (PM-10) REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

9. Any operations in the Coachella Valley Blowsand Zone (defined as the corridor of land extending two miles to either side of the centerline of I-10 Freeway) shall stabilize new man-made deposits of bulk material within 24 hours of making such bulk material deposits. Stabilization procedures shall include one or more of the following:

    A. Application of water to at least 70 percent of the surface area of any bulk material deposits at least 3 times for each day that there is evidence of wind drive fugitive dust;

    B. Application of chemical stabilizers in sufficient concentrations so as to maintain a stabilized surface for a period of at least 6 months;

    C. Install windbreaks of such design so as to reduce maximum wind gusts to less than 25 miles per hour in the area of the bulk material deposits.

10. To minimize track-out of soil or debris, wheels, tires and other surfaces of vehicles (i.e. truck beds, mud flaps, side boards, etc.) that may collect loose material shall be inspected and washed prior to exiting onto public streets. The dust control ordinance also requires at least one of the following track-out control devices for projects **greater than five acres** or those that **import or export more than 100 cubic yards** of material per day:

    A. Gravel pad consisting of minimum one inch or larger washed gravel maintained to a depth of six inches at least 50 feet long and 30 feet wide; OR

    B. Paved surface extending at least 100 feet into the site and at least 20 feet wide; OR

    C. Wheel shaker/wheel spreading device consisting of raised dividers (rails, pipes, or grates) at least 3 inches tall at least 6 Inches apart; OR

    D. Installation and maintenance of wheel washing system

11. City streets shall be cleaned on a daily basis to remove soil, or other debris originating from the site to the satisfaction of the Public Works and Engineering Division inspector. If at anytime material (i.e. dust, mud, soil, gravel, sand, etc.) extends on the street for a cumulative distance of more than 25 feet from any site access, immediate removal is required.

12. Soil or other potential dust generation materials transported onto or from the site using public streets, shall be watered sufficiently to prevent generation of dust and then covered so as to prevent any spillage during transport. If deemed necessary, the Public Works and Engineering Division may specify additional measures.

# FUGITIVE DUST CONTROL PLAN (PM-10) REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

13. Within 10 days of ceasing activity, an operator shall implement at least one of the following long-term stabilization techniques for any disturbed surface area where construction activities are not scheduled to occur for at least 30 days. **Following stabilization of all disturbed area, perimeter fencing shall be removed, as required by the City Engineer.** :

    A. Revegetation that results in 75 percent ground coverage provided that an active watering system is in place at all times; OR

    B. Establishment of a stabilized surface through watering with physical access restriction surrounding area; OR

    C. Use chemical stabilizers to establish a stabilized surface with physical access restriction surrounding the area.

14. Failure to abide by these regulations may be cause for abatement by the Public Works and Engineering Division and any costs billed to the responsible party.

15. Appropriate signs meeting City and South Coast Air Quality Management District (SCAQMD) specifications are to be posted at the perimeter of each construction site. Generally, signage should be located on each side of the project area and within 50 feet of the project site boundary. **No clearing, grubbing, grading, or import/export of soil or other potential dust generating materials (i.e. base, gravel, sand, etc.) shall be allowed to occur at the site prior to placement of the required signs. Inspections by Public Works and Engineering Division will not be conducted unless signs are erected and lettered with the required information.** The signs shall be maintained at all times and remain in place until completion of the project. Each sign shall include the information shown on pages 33-34.

16. A map showing the vicinity of the project and clearly identifying the closest major cross streets or other landmarks and the project location must be included with the Fugitive Dust Control Plan application. Lave this map **"Vicinity Map".** Required map size is 8 ½" x 11" (letter-size).

17. An 8 ½" x 11" (letter-size) **Assessor Parcel Map** for the property(ies) on which the project will be occurring must be included with the Fugitive Dust Control Plan application. Outline or highlight 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 Assessor's Parcel Maps. However, a detailed vicinity map adequately depicting the entire project area must be provided. If the project is divided into construction phases (separate physical project areas), provide a map clearly identifying the phases.

# FUGITIVE DUST CONTROL PLAN (PM-10) INITIAL SITE INSPECTION

## FOR PROJECTS 10 ACRES OR GREATER

**This form is to be presented to the City Dust Control Inspector at the time of initial on-site inspection. No import/export of materials onto or off-site, grubbing, or grading are to be conducted at the site prior to inspection and approval by the City Dust Inspector**

**Project Name:** _____

**Project Address:** _____

**Contractor:** _____

**Title:** _____

---

**Date of Inspection:** _____

**Dust Control Inspector:** _____

**Wind Fence:** _____

**DUST CONTROL SIGN**

**Size and Lettering:** _____

**Location:** _____

**Mounting:** _____

**Water Source:** _____

☐ **Approved** ☐ **NOT Approved**

**Inspector Signature:** _____

**Contractor or Owner Signature:** _____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN
# (PM-10) APPLICATION

## FOR PROJECTS 10 ACRES OR GREATER

**Project Name:** _____

**Project Address:** _____

**Project Type:** ☐ **Single Family** ☐ **Commercial** ☐ **Subdivision** ☐ **Demolition**

**Number of:** _____**Square Feet OR** _____**Acres**

**↓ ↓ ↓ ↓ FOR CITY USE ONLY ↓ ↓ ↓ ↓**

**Based on all the provision contained in this Fugitive Dust Control Plan (PM-10), this plan is:**

☐ **Approved** ☐ **Dust Deposit: $**_____ ☐ **Paid:** _____
**Amount** **Date**

***NOTE:** ANY REFUND ISSUED WILL BE RETURNED DIRECTLY TO THE NAME AND ADDRESS ON THE CHECK UNLESS OTHERWISE NOTED HERE:* _____

☐ **Conditionally Approved (conditions specified below)**

☐ **Denied (explanation attached)**

_____ _____
SIGNATURE OF CITY REPRESENTATIVE DATE

**The following conditions have been added to the Plan by staff in order to ensure an adequate level of fugitive dust control.**

_____
_____
_____
_____
_____

**(Attach additional information if necessary)**

**↑ ↑ ↑ ↑ FOR CITY USE ONLY ↑ ↑ ↑ ↑**

**I have read the above additional conditions of the Fugitive Dust Control Plan (PM-10) and I agree to implement all of the provisions at the concentrations and frequencies identified.**

_____ _____
SIGNATURE OF OWNER DATE

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS** 6/42

# FUGITIVE DUST CONTROL PLAN (PM-10) OWNER/REPRESENTATIVE INFORMATION

## FOR PROJECTS 10 ACRES OR GREATER

**Name:** _____

**Title (If applicable):** _____

**Company Name (If applicable):** _____

**Mailing Address:** _____

**City:** _____

**Zip Code:** _____

**Location Address:** _____

**Primary Phone:** _____

**Fax:** _____

**24 Hour Access/Emergency Phone:** _____

**Cell Phone:** _____

**Email Address:** _____

**Responsible for dust control during construction activities?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____

_____

_____

_____

**Responsible for dust control during off hours?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____

_____

_____

_____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) GENERAL CONTRACTOR INFORMATION

## FOR PROJECTS 10 ACRES OR GREATER

**Name:** _____

**Title (If applicable):** _____

**Company Name (If applicable):** _____

**Mailing Address:** _____

**City:**_____

**Zip Code:**_____

**Location Address:**_____

**Primary Phone:**_____

**Fax:**_____

**24 Hour Access/Emergency Phone:**_____

**Cell Phone:**_____

**Email Address:**_____

**Responsible for dust control during construction activities?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____

_____

_____

**Responsible for dust control during off hours?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____

_____

_____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) SUB-CONTRACTOR(S) INVOLVED IN EARTH MOVEMENT AND/OR SOIL STABILIZATION

## FOR PROJECTS 10 ACRES OR GREATER

**Name:** _____

**Title (If applicable):** _____

**Company Name (If applicable):** _____

**Mailing Address:** _____

**City:**_____

**Zip Code:**_____

**Location Address:**_____

**Primary Phone:**_____

**Fax:**_____

**24 Hour Access/Emergency Phone:**_____

**Cell Phone:**_____

**Email Address:**_____

**Responsible for dust control during construction activities?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____
_____
_____

**Responsible for dust control during off hours?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____
_____
_____

# FUGITIVE DUST CONTROL PLAN (PM-10) PROJECT INFORMATION FOR ENVIRONMENTAL OBSERVER

## FOR PROJECTS 10 ACRES OR GREATER

**Name:** _____

**Title (If applicable):** _____

**Company Name (If applicable):** _____

**Mailing Address:** _____

**City:** _____

**Zip Code:** _____

**Location Address:** _____

**Primary Phone:** _____

**Fax:** _____

**24 Hour Access/Emergency Phone:** _____

**Cell Phone:** _____

**Email Address:** _____

**Responsible for dust control during construction activities?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____
_____
_____

**Responsible for dust control during off hours?**

☐ **Yes** ☐ **No**

**If No, explain:**

_____
_____
_____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) AGREEMENT

## FOR PROJECTS 10 ACRES OR GREATER

**Tract #:**_____ **Thomas Guide Page & Grid:**_____

**Property Address:** _____

_____

## PROPERTY OWNER

The signature of the property owner(s) below shall act as their acknowledgement of dust control requirements and their enforceability pursuant to South Coast Air Quality Management District (SCAQMD) Rules 403 and 403.1. This document shall constitute an agreement to comply with all project conditions as identified in the approved dust control plan.

**FAILURE TO CALL FOR INSPECTION PRIOR TO INITIATING ANY WORK AT THE SITE WILL RESULT IN THE ISSUANCE OF AN ADMINISTRATIVE CITATION WITH A MINIMUM FINE OF $100 PER DAY.**

The property owner shall:

1. Acknowledge that dust control is required 24 hours a day, 7 days a week, throughout the period of project performance, regardless of project size or status; ground must remain in a damp condition.

2. Shall retain a copy of the approved dust control plan on-site during the duration of the project;

3. Shall ensure that each and every contractor/subcontractor and all other persons associated with the project shall be in continuous compliance with all requirements of the approved dust control plan;

4. Shall take all necessary precautions to minimize dust, even if additional measures beyond those listed in the dust control plan are necessary;

5. Shall notify the City at (760) 323-8253, Ext. 8740 at least 72 hours prior to project initiation for inspection. Proper placement of the wind fence, dust control signage and on-site water source must be approved by the City inspector prior to import/export of material onto or off-site, grubbing, or grading of site;

6. Shall authorize representatives of the City to enter upon the above mentioned properly for inspection and/or abatement purposes;

7. Shall hold harmless the City and its representatives from liability for any actions related to this dust control plan or City initiated abatement activities.

# FUGITIVE DUST CONTROL PLAN (PM-10) AGREEMENT

## FOR PROJECTS 10 ACRES OR GREATER

## PARTY RESPONSIBLE FOR ADMINISTRATIVE CITATIONS:

**Name:** _____

**Title:** _____

**Address:** _____

_____

**Office Phone:** _____ **Extension:** _____

**Cell Phone:** _____ **Fax Phone:** _____

**Email Address:** _____

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**Property Owner:** _____
PRINT NAME

**Signature:** _____**Date:**_____

**Title:** _____

**Company:** _____

◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆

## GRADING CONTRACTOR

**I have read the conditions of the Fugitive Dust Control Plan (PM-10) and the owner has authorized the implementation of all provisions through project build out.**

**Contractor:** _____
PRINT NAME

**Signature:** _____**Date:**_____

**Title:** _____

**Company:** _____

# FUGITIVE DUST CONTROL PLAN (PM-10) PREPARATION GUIDANCE FOR CONSTRUCTION

## FOR PROJECTS 10 ACRES OR GREATER

The dust control ordinance requires a City approved Site-Specific Fugitive Dust Control Plan for projects with 10 acres or more of disturbed surfaces. The following guidance has been prepared to describe the required elements of a Site-specific Fugitive Dust Control Plan, Remember: two copies of the Site-Specific Fugitive Dust Control Plan must be forwarded by the operator to the AQMD in an 8.5 x 11" format, using the supplied forms within 10 days after approval by the City of Palm Springs. Please submit copies of approved Site-Specific Fugitive Dust Control Plans to:

**Dust Program Group**
**South Coast AQMD**
**21865 East Copley Drive**
**Diamond Bar, CA 91765**
**(866) 861-DUST (866-861-3878)**
**EMAIL: dustcontrol@aqmd.gov**

## REQUIRED ELEMENTS OF SITE-SPECIFIC FUGITIVE DUST CONTROL PLAN

### Project Description

This section of the Fugitive Dust Control Plan must provide a complete description of the project, a development plan, a schedule of activities, and a time frame for project completion. Additionally, this section must contain a description of soil types on site and an estimated proposed expenditure for the total project dust control budget.

### Water Source Identification

This section must contain a description and location of the water supply that is dedicated to dust control. Also, identify sources of a back-up water supply if proposed in conjunction with a contingency measure. This section covers earth-moving activities for the life of the project.

### Control Measures Guidance

This section must include a description of the primary dust control measures selected for each source at the project site (e.g,, No.1-Earth-Movement, No.2-Unpaved Roads, etc.) based on the list of Coachella Valley, Best Available Control Measures (BACM) which can be found in the Coachella Valley Fugitive Dust Control Handbook. This section must also have a description of the fugitive dust control measures to be implemented during non-working hours. Suggested minimum standards for a Site-

**Control Measures Guidance (cont.)**

Specific Fugitive Dust Control Plan are presented below. As a reminder, specific applicable dust control ordinance requirements are provided in italics. Additionally, grading plans must include a statement that incorporates the Site-specific Fugitive Dust Control Plan into the approved grading plan.

## No. 1 EARTH-MOVEMENT

**Project Phasing**

lf feasible, use grading permit conditions to break the project into phases so that only a portion of the site is disturbed at any given time to ensure control of fugitive dust. This technique is critical for project sites with 100 acres or more.

**Pre-Watering**

Pre-water site through use of portable irrigation lines prior to initiating activity,. At least 72 hours of pre-watering is recommended for each area prior to initiating earth-movement. The operator must specify water source and available flow rate (o/m).

**Watering During Earth-Movement Activities**

Water applied continuously to all disturbed portions of the site by means of water truck/water pull as necessary to maintain sufficient visible moisture on the soíl surface. For reference, one 2,000 gallon water truck can treat approximately 4 acres of active construction per hour during non high-wind conditions. Also, for cut and fill activities, one 10,000 gallon water pull is estimated to be necessary for each 7,000 cubic yards of daily earth-movement. Multiple 4,000 gallon water trucks may be used in place of one 10,000 gallon water pull. Touch and visual contrast are reasonably good indicators of soil moisture. Surface areas that are dry to the touch and appear lighter-colored require the application of additional water to prevent fugitive dust. The operator must specify the number and type of watering vehicles available for dust control during each project phase as well as during off-hours and the availability of back-up water trucks if the site experiences dust control problems (see contingency measure requirements below).

Water towers are necessary for projects with more than 10 acres of active construction. Without a water tower, it can take up to 30 minutes to fill a 2,000 gallon water truck. Also, multiple water towers are necessary for projects that use water pulls as filling one 10,000 gallon water pull can drain a water tower that can take up to 40 minutes to refill.

# FUGITIVE DUST CONTROL PLAN (PM-10) PREPARATION GUIDANCE FOR CONSTRUCTION

## FOR PROJECTS 10 ACRES OR GREATER

### Perimeter Controls

**Wind fencing** is necessary between the sites and nearby residences or businesses. Offsite upwind fencing and on-site wind fencing for larger projects can also keep blowsand from being deposited onto the site or traveling through the site. Block walls, if part of the final project, can replace wind fencing during the site construction phase. A perimeter watering system or fence line misting system consisting of portable irrigation equipment may be an effective fugitive dust mitigation system to protect surrounding residences and businesses.

### Site Stabilization

**Chemical dust suppressants** are to be applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods. Recordkeeping is necessary to demonstrate compliance. Wind fencing or other obstructions can keep areas previously treated with dust control suppressants free from future disturbances.

**Vegetation** can be a cost-effective alternative to chemical stabilization for areas that will remain inactive for long periods. Wind fencing or other obstructions can keep the vegetated area free from future disturbances.

### Specific Dust Control Ordinance Requirements:

The dust control ordinance includes the following short-term and long-term stabilization requirements:

Short-term stabilization (after-hours/weekends) options include maintaining soils in a damp condition, watering to develop a surface crust, or use of chemical stabilization products.

### Contingency Measures

This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., plume length of greater than 100 feet, or crossing any property line, or 20 percent opacity). Also, describe the steps that will be taken to initiate a contingency measure.

## No. 2 -UNPAVED ROAD TRAVEL

**Surface Improvements**

Paving of the internal roadway network early in a project's development phase can reduce chemical dust suppressant reapplication costs. Periodic street cleaning throughout project construction will likely be required to ensure compliance with the dust control ordinance track-out requirements and to reduce entrained road dust.

Application of gravel or other material with a lower silt content than the underlying soils can be an effective surface improvement for dust control. For reference, the specific requirements for a gravel pad to prevent track-out are minimum one inch or larger washed gravel maintained to a depth of six inches. Periodic maintenance (grading and spot reapplication) may be required.

**Surface Treatments**

Use chemical dust suppressants designed by the manufacturer for traffic areas, and applied in accordance with manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods once final roadway elevations have been reached. Limiting/restricting access to non-road areas can also reduce the need to retreat areas previously stabilized.

Constant watering of unpaved roads, haul routes, and equipment paths represents a short-term, cost-effective dust control action. High evaporation rate may justify use of chemical dust suppressants for a longer-term control. For reference, U.S. EPA studies have documented a 50 percent reduction in PM10 emissions under a water application rate of 0.2 gallons per square yard per hour.

**Source Extent Reduction**

Unpaved road emissions are a function of the number of vehicles traversing the area and the vehicle speeds. Accordingly, programs to reduce vehicular trips or vehicle speeds can reduce fugitive dust emissions. Frequent watering or application of chemical stabilizers would likely be required in addition to the source extent measures to ensure that the applicable performance standards are met.

**Contingency Measures**

Contingency measures must be identified for each unpaved haul road/internal access route. This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., plume length of greater than 100 feet, or crossing any property line, or 2O percent opacity). Also, describe the steps that will be taken to initiate a contingency measure.

## No. 3 -STORAGE PILES/BULK MATERIAL HANDLING

**Wind Sheltering**

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. Coverings can be used on smaller storage piles to prevent windblown dust. Any covering must be Storage Pile Stabilization

Water applied continuously to all disturbed portions of the storage piles by means of water truck or sprinkler system as necessary to maintain sufficient visible moisture on the pile surface.

**Chemical dust suppressants** can be an effective control measure for storage piles with infrequent disturbances. Any product used must be applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods. Recordkeeping is necessary to demonstrate compliance.

**Vegetation** can be a cost-effective alternative to chemical stabilization for storage piles that will remain inactive for long periods. Wind fencing or other obstructions can keep the vegetated area free from future disturbances.

**Material Handling**

Confining **load-in/load-out** of material to the leeward (downwind) side of the pile can reduce wind erosion of storage piles. This control measure would likely need to be implemented in conjunction with other control measures to achieve the applicable performance standards. **Stockpiles within 100 yards of occupied buildings** must not be greater than eight feet in height. **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.

**Contingency Measures**

Contingency measures must be identified for each storage pile/material handling source. This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., plume length of greater than 100 feet, or crossing any property line, or 20 percent opacity). Also, describe the steps that wíll be taken to initiate a contingency measure.

## No. 4 – VEHICULAR TRACK-OUT, HAULING, CLEANUP

**Track-Out Prevention**

**Construction site accesses** are to be improved with paving or gravel. lf the project site is not balanced (e.9., off-site material transport), a wheel washing system and/or ribbed steel plates must be placed in the roadway before the vehicle enters the paved/graveled area to clean the tires and prevent track-out.

**Covering haul vehicles or utilizing bedliners** can prevent material from being lofted out of the vehicle or from falling out of the bottom of the vehicle. Specific Dust Control Ordinance Requirements:

The dust control ordinance also requires at least one of the following track-out control devices for projects greater than five acres or those that import or export more than 100 cubic yards of material per day:

Gravel pad consisting of minimum one inch or larger washed gravel maintained to a depth of six inches at least 50 feet long and 30 feet wide; OR

Paved surface extending at least 100 feet into the site and at least 20 wide; OR

Wheel shaker/wheel spreading device consisting of raised dividers (rails, pipes, or grates) at least three inches tall and at least six inches apart; OR

Installation and maintenance of a wheelwashing system.

**Track-Out Mitigation**

Street sweeping can be an effective mitigation measure if material is tracked out on to paved roads surrounding the site. Efforts to prevent material track-out will reduce sweeping costs.

# FOR PROJECTS 10 ACRES OR GREATER

**Specific Dust Control Ordinance Requirements**

The dust control ordinance requires removal of material anytime it extends for a cumulative distance of more than 25 feet from any site access and at the conclusion of the workday.

**Contingency Measures**

Contingency measures must be identified for each track-out source. This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., track-out extending more than 25 feet from any site access point). Also, describe the steps that will be taken to initiate a contingency measure.

## NO. 5 - DISTURBED SURFACES/INACTIVE SITES

**During Dust Generating Activities**

**Water applied continuously** to all disturbed portions of the site by means of water truck/water pull as necessary to maintain sufficient visible moisture on the soil surface. For reference, one 2,000 gallon water truck can treat approximately 4 acres of active construction per hour during non hígh-wind conditions. Also, for cut and fill activities, one (1) 10,000 gallon water pull is estimated to be necessary for each 7,000 cubic yards of daily earth-movement. Multiple 4,000 gallon water trucks may be used in place of one 10,000 gallon water pull. Touch and visual contrast are reasonably good indicators of soil moisture. Surface areas that are dry to the touch and appear lighter-colored require the application of additional water to prevent fugitive dust. The operator must specify the number and type of watering vehicles available for dust control during each project phase as well as during off-hours and the availability of back-up water trucks if the site experiences dust control problems (see also contingency measure requirements below).

**Water towers** are necessary for projects with more than 1O acres of active construction.

Without a water tower, it can take up to 30 minutes to fill a 2,000 gallon water truck. Also, multiple water towers are necessary for projects that use water pulls as filling one 10,000 gallon water pull can drain a water tower that can take up to 40 minutes to refill.

**Perimeter Controls**

**Wind fencing** is necessary between the site and nearby residences or businesses. Off-site upwind fencing and on-site wind fencing for larger projects can also keep blowsand from being deposited onto the site or traveling through the site. Block walls, if

part of the final project, can replace wind fencing during the site construction phase.

A perimeter **watering system** or fence line misting system consisting of portable irrigation equipment may be an effective fugitive dust mitigation system to protect surrounding residences and businesses.

**Temporarv Stabilization During Weekends. After Work Hours. Holidavs**

Depending on site soil types, **water** can be used to either maintain soils in a damp condition or to develop a surface crust.

**Chemical dust suppressants**, diluted in accordance with the manufacturer's specifications for short-term stabilization can be an effective technique for areas that will be subject to future disturbances.
Access Restriction

Fencing or other obstructions can keep the stabilized area free from future disturbances and thereby reduce the potential for windblown dust.

**Specific Dust Control Ordinance Requirements**

The dust control ordinance includes the following short-term (weekend, after hour, and holiday) stabilization requirements:

- maintaining soils in a damp condition,
- watering to develop a surface crust, or
- use of chemical stabilization products.

**Long Term Stabilization**

**Chemical dust suppressants**, applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods can be an effective long-term stabilization technique. Recordkeeping is necessary to demonstrate compliance. Portable irrigation is necessary to ensure adequate site coverage. Wind fencing or other obstructions can keep areas previously treated with dust control suppressants free from future disturbances.

**Vegetation** can be a cost-effective alternative to chemical stabilization for areas that will remain inactive for long periods. Wind fencing or other obstructions can keep the vegetated area free from future disturbances.

**Specific Dust Control Ordinance Requirements**

The dust control ordinance includes the following long-term stabilization requirement (required within 10 days of ceasing activity for sites with no planned activity for at least 30 days):

- vegetation with an, active watering system or
- application of chemical dust suppressants with physical access restrictions surrounding the disturbed surface.

**Perimeter Controls**

**Wind fencing** is necessary between the site and nearby residences or businesses. Off-site upwind fencing and on-site wind fencing for larger projects can also keep blowsand from being deposited onto the site or traveling through the site. Block walls, if part of the final project, can replace wind fencing during the site construction phase. A perimeter watering system or fence line misting system consisting of portable irrigation equipment may be an effective fugitive dust mitigation system to protect surrounding residences and businesses. The portable **watering system** may be used in place of or in conjunction with watering trucks.

**Contingency Measures**

Contingency measures must be identified for disturbed surface areas or inactive portions of a construction site. This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., plume length of greater than 100 feet, or crossing any property line, or 20 percent opacity). Also, describe the steps that will be taken to initiate a contingency measure.

## NO. 6. UNPAVED PARKING LOTS

**Areas Subject to Frequent Disturbances**

**Equipment staging areas** are to be treated with at least one inch washed gravel maintained to a depth of four inches or treated with chemical dust suppressants designed by the manufacturer for traffic areas, and applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods.

**Employee parking areas** are to be covered with at least one inch washed gravel maintained to a depth of four inches or treated with chemical dust suppressants designed by the manufacturer for traffic areas, and applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods. lf an internal roadway network is paved, employees are to be instructed to park only on paved areas.

### Contingency Measures

Contingency measures must be identified for each unpaved parking lot. This section must describe the contingency measures to be implemented if a primary control measure fails to adequately control dust emissions according to the applicable performance standards (e.9., plume length of greater than 100 feet, or crossing any property line, or 20 percent opacity). Also, describe the steps that will be taken to initiate a contingency measure.

## NO. 7 – EMPLOYEE TRAINING

### Employee Dust Control Training and Compliance

This section must describe how on-site personnel will ensure that the project remains in compliance with the Site-Specific Fugitive Dust Control Plan. This section must include a statement of the authority and training of personnel that will allow the attainment of this goal.

### Specific Dust Control Ordinance Requirements

The dust control ordinance requires that any Fugitive Dust Control Plan preparer, environmental observer and at least one representative of any on-site general contractor or subcontractor involved in soil disturbance activities to complete the AQMD Coachella Valley Fugitive Dust Control Class and maintain a valid certificate of completion.

### Environmental Observer

The dust control ordinance requires an environmental observer for projects with greater than or equal to 50 acres of disturbed surfaces. The environmental observer must have completed the AQMD Coachella Valley Fugitive Dust Control Class and have dust control as the primary responsibility with the authority to immediately employ additional dust control efforts.

## NO. 8 - DUST CONTROL PLAN TEMPLATE

A template to assist in the preparation of a Site-Specific Fugitive Dust Control Plan is provided in the following pages. Operators may use this template as a guide; however, all the elements listed in the preceding pages must be included in the Site-Specific Fugitive Dust Control Plan. Additionally use of an 8.5 by 11 inch, stand alone Site-Specific Fugitive Dust Control Plan is required regardless if the information is included on an approved grading plan.

# FUGITIVE DUST CONTROL PLAN (PM-10) SITE SOURCES

## FOR PROJECTS 10 ACRES OR GREATER

**DESCRIPTION OF SOURCE (S)** *[Provide best estimates]*

**1.) Earth-moving**
Maximum cubic yards of earth-movement:_____/month or _____/year
Anticipated start date _____ End date_____ or Ongoing_____
Amount of export _____ (Disposal site)_____

**2.) Unpaved Roads**
Mileage _____ Estimate of average daily traffic levels _____
Type of motor vehicles using roads _____

**3.) Storage Piles/Bulk Material Handling**
Maximum number of piles _____
Average height_____ length/width_____
Configuration - Cone _____ Windrow _____ Other (specify)_____

**4.) Vehicular Track-out/Cleanup**
Number of access points which connect to public roads _____
Estimate of the maximum number of vehicles that will exit the site _____/ day

**5.) Disturbed Surface Areas**
Maximum acreage _____
Will any disturbed surface areas remain inactive for at least 10 days? Yes_ No_

**6.) Unpaved Parking Lots**
Number of unpaved lots at this site _____
Size of each lot _____

**Soil Types**
Primary soil type on-site _____

**Dust Control Budget**
Estimate of project dust control budget _____

**Water Source Identification**
Water Source (g/m) _____
Back-up water source _____

# FUGITIVE DUST CONTROL PLAN (PM-10) SITE CONTROL MEASURES

## FOR PROJECTS 10 ACRES OR GREATER

| Control Measure | Control Action |
|---|---|
| **Pre-grading Planning** | Number of acres to be graded at one time _____<br>Number of parcels to be phase graded _____ |
| **Watering (pre-grading)** | Number of water trucks _____<br>Frequency of application _____<br>Sprinkler/hose system _____<br>Describe _____ |
| **Watering (during-grading)** | Number of water trucks _____<br>Frequency of application _____<br>Sprinkler/hose system _____<br>Describe _____<br>_____ |
| **Watering (post-grading)** | Number of water trucks _____<br>Frequency of application _____<br>Sprinkler/hose system _____<br>Describe _____ |
| **Wind Fencing** | Maximum Height _____<br>Location _____<br>Describe _____<br>_____ |
| **Chemical Stabilization** | Type of Product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____ |
| **Haul Vehicles Covers/Bedliners** | Operator of haul vehicles, if other than site owner _____<br>_____ |
| **Contingency Measure (s)** | _____<br>_____ |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) UNPAVED ROAD TRAVEL

## FOR PROJECTS 10 ACRES OR GREATER

| Control Measure | Control Action |
|---|---|
| **Paving** | Frequency of street sweeping_____<br>Describe _____<br>_____ |
| **Gravel** | Depth of gravel _____<br>Describe _____<br>_____ |
| **Chemical Stabilization** | Type of Product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____ |
| **Watering** | Frequency of application _____<br>Describe _____<br>_____ |
| **Reduce Speed** | Maximum speed limit _____miles per hour<br>How are speeds controlled: Post signs_____ Briefing workers_____<br>Describe _____<br>_____ |
| **Trip Reduction Stabilization** | Describe how achieved_____<br>_____<br>_____ |
| **Other (specify)** | _____<br>_____ |
| **Contingency Measure (s)** | _____<br>_____ |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) STORAGE/BULK MATERIALS

## FOR PROJECTS 10 ACRES OR GREATER

| Control Measure | Control Action |
|---|---|
| **Wind sheltering** | Type of barriers _____<br>Average height of barriers _____<br>Describe _____<br>_____ |
| **Coverings** | Types of coverings_____<br>Describe _____<br>_____ |
| **Chemical Stabilization** | Type of Product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____ |
| **Watering** | Method of application _____<br>Frequency of application _____<br>Describe _____<br>_____ |
| **Vegetation** | Describe _____<br>_____ |
| **Loadin/loadout** | Orientation of loadin/loudout procedures: N S E W<br>Describe _____<br>_____<br>_____ |
| **Contingency Measure (s)** | Describe _____<br>_____<br>_____ |

# FUGITIVE DUST CONTROL PLAN (PM-10) VEHICULAR TRACK-OUT

## FOR PROJECTS 10 ACRES OR GREATER

**VEHICULAR TRACK-OUT, HAULING, CLEANUP**

***Note: If track-out spillage, or carry-out extends more than 25 feet along a paved public roadway, finalize clean-up activities within one hour. Also remove any track-out, spillage or carry-out at the conclusion of the workday.***

| Control Measure | Control Action |
|---|---|
| **Gravel pads** | Location _____<br>Size _____<br>(Minimum dimensions: 1" or larger washed gravel, maintained at 6" depth, 50' long x 30' wide)<br>_____ |
| **Paving** | Location _____<br>(Minimum dimensions: 100' long x 20' wide) |
| **Track-out device**<br>**Type of device**<br>**Wheel washers** | Location _____<br>Describe _____<br>Location _____<br>Describe _____<br>_____ |
| **Cover haul vehicles/**<br>**Bed liners in haul**<br>**Vehicles** | Operator of haul vehicles,<br>if other than site operator _____<br>_____<br>_____<br>_____ |
| **Sweep/clean**<br>**roadways** | Frequency _____<br>Type of Equipment _____<br>Describe _____<br>_____ |
| **Other (specify)** | _____<br>_____ |
| **Contingency**<br>**Measure (s)** | _____<br>_____<br>_____ |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) DISTURBED/INACTIVE SITES

## FOR PROJECTS 10 ACRES OR GREATER

### DURING DUST GENERATING ACTIVITIES

| Control Measure | Control Action |
|---|---|
| **Watering** | Method of Application _____<br>Frequency _____<br>Describe_____<br>_____ |
| **Wind Fencing** | Location _____<br>Height _____<br>Describe_____<br>_____ |
| **Site Access** | Method of vehicle restriction _____<br>_____ |
| **Chemical stabilization** | Type of product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____<br>_____ |
| **Vegetation** | Location _____<br>Plant type _____<br>Describe _____<br>_____ |

### Temporary Stabilization During Weekends, After Work Hours, and on Holidays

| | |
|---|---|
| **Watering** | Method of Application _____<br>Frequency _____<br>Describe_____<br>_____ |
| **Chemical stabilization** | Type of product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____ |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK**
**REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) DISTURBED/INACTIVE SITES

## FOR PROJECTS 10 ACRES OR GREATER

**TEMPORARY STABILIZATION DURING WEEKENDS, AFTER WORK HOURS, AND ON HOLIDAYS**

| Control Measure | Control Action |
|---|---|
| **Site Access** | Method of vehicle restriction _____ _____ |

**Long –Term Stabilization**

| | |
|---|---|
| **Chemical stabilization** | Type of product _____<br>Frequency of application _____<br>Concentration _____<br>Describe _____<br>_____<br>_____ |
| **Vegetation** | Location _____<br>Plant type _____<br>Describe _____<br>_____ |
| **Wind Fencing** | Location _____<br>Height _____<br>Describe_____<br>_____ |
| **Other (specify)** | _____<br>_____ |
| **Contingency Measure (s)** | _____<br>_____ |

# FUGITIVE DUST CONTROL PLAN (PM-10) UNPAVED PARKING LOTS

## FOR PROJECTS 10 ACRES OR GREATER

| Control Measure | Control Action |
|---|---|
| **Gravel Chemical stabilization** | Location _____<br>Size _____<br>_____ |
| **Paving** | Location _____<br>(Minimum dimensions: 100' long x 20' wide) |
| **Track-out device Type of device Wheel washers** | Location _____<br>Describe _____<br>Location _____<br>Describe _____<br>_____ |
| **Cover haul vehicles/ Bed liners in haul Vehicles** | Operator of haul vehicles,<br>if other than site operator _____<br>_____<br>_____<br>_____ |
| **Sweep/clean roadways** | Frequency _____<br>Type of Equipment _____<br>Describe _____<br>_____ |
| **Other (specify)** | _____<br>_____<br>_____ |
| **Contingency Measure (s)** | _____<br>_____<br>_____ |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) EMPLOYEE EDUCATION

## FOR PROJECTS 10 ACRES OR GREATER

**EMPLOYEE DUST CONTROL TRAINING AND COMPLIANCE:**

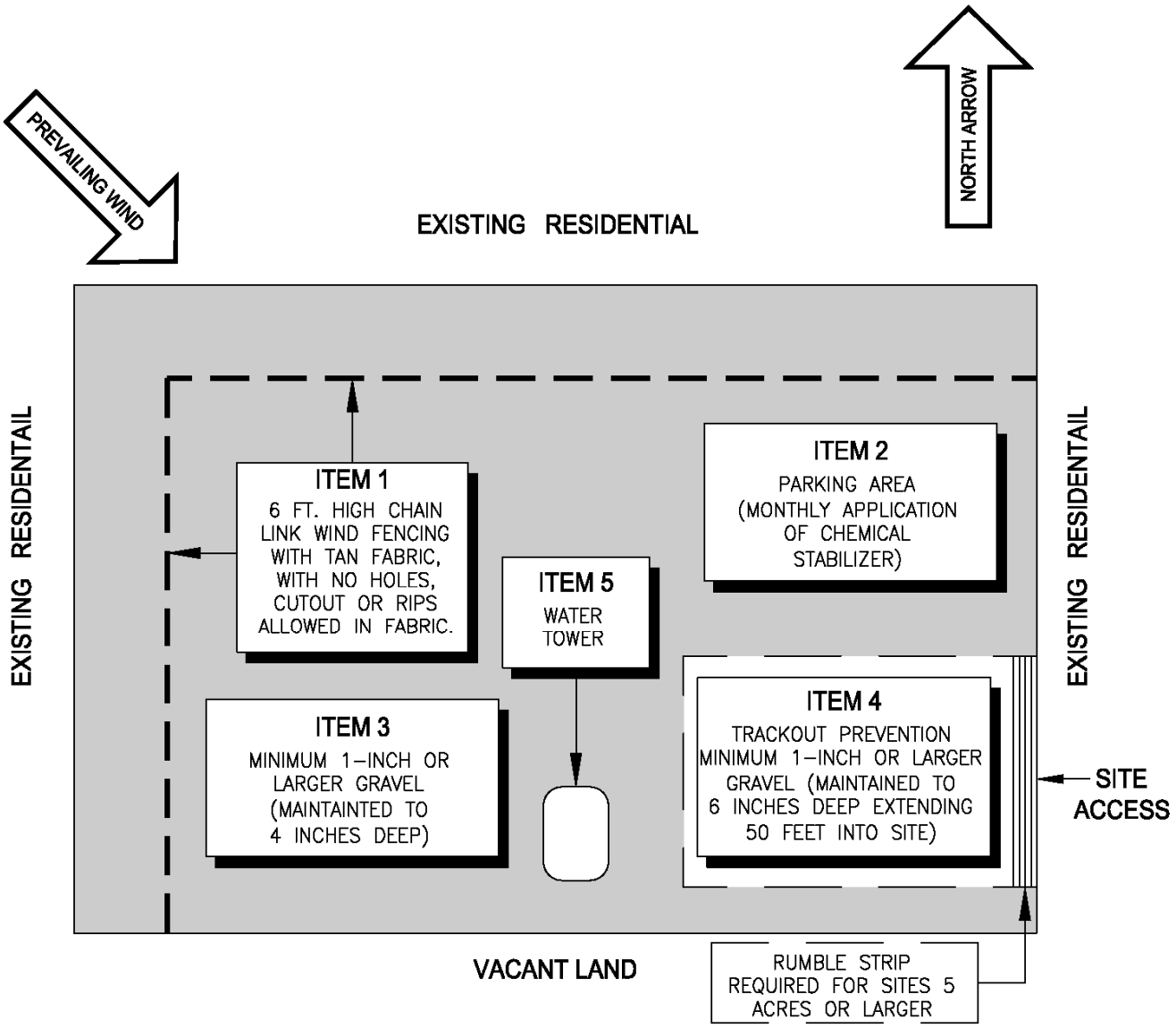
This section must provide a summary of the method by which on-site personnel will ensure that the project remains in compliance with the requirements contained in the Site-Specific Fugitive Dust Control Plan. This section must include a statement of the authority and training of personnel that will allow attainment of this goal.

**DESCRIBE**

# FUGITIVE DUST CONTROL PLAN (PM-10) SAMPLE SITE PLAN

## FOR PROJECTS 10 ACRES OR GREATER

ALL SITES REGARDLESS OF SIZE REQUIRE A WIND FENCE.
SITES LESS THAN 1 ACRE ONLY REQUIRE ITEM 1.




**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) DUST CONTROL SIGNAGE REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

1. The following information shall be included on all signs:
    a. Developer's Name
    b. Tract Number (if applicable)
    c. Project Name
    d. Contractor's Name
    e. Grading Permit Number (Issued by the City)
    f. If applicable – E-number (File number issued by the City)
    g. Name and phone of person(s) responsible for dust control at the site. This number should be local or toll free number manned 24-hours a day, 7 days a week.
    h. Phone number for City complaints.
    i. Phone number of the South Coast Air Quality Management District complaint line (1-800-CUT-SMOG)

2. The sign(s) shall be constructed with materials capable of withstanding the harsh environment (e.g. strong winds, intense sunlight, and rain) of the Palm Springs area.
    a. 1-inch thick A/C laminated plywood board
    b. One (1) 4 x 4 post set in 2 foot deep foundation
    c. Post shall be attached to plywood with two (2) carriage bolts.
    d. The front surface of the sign should be painted in the contrasting colors of a white background with black lettering. (Other color combinations must be approved in advance by the Public Works and Engineering Division).
    e. Commercially prepared metal signs mounted on steel posts are also acceptable.
    f. Quantity and location of signs must be approved in advance by the Public Works and Engineering Division.
    g. Refer to page 22 for proper sign and letter dimensions with relation to project site acreage.

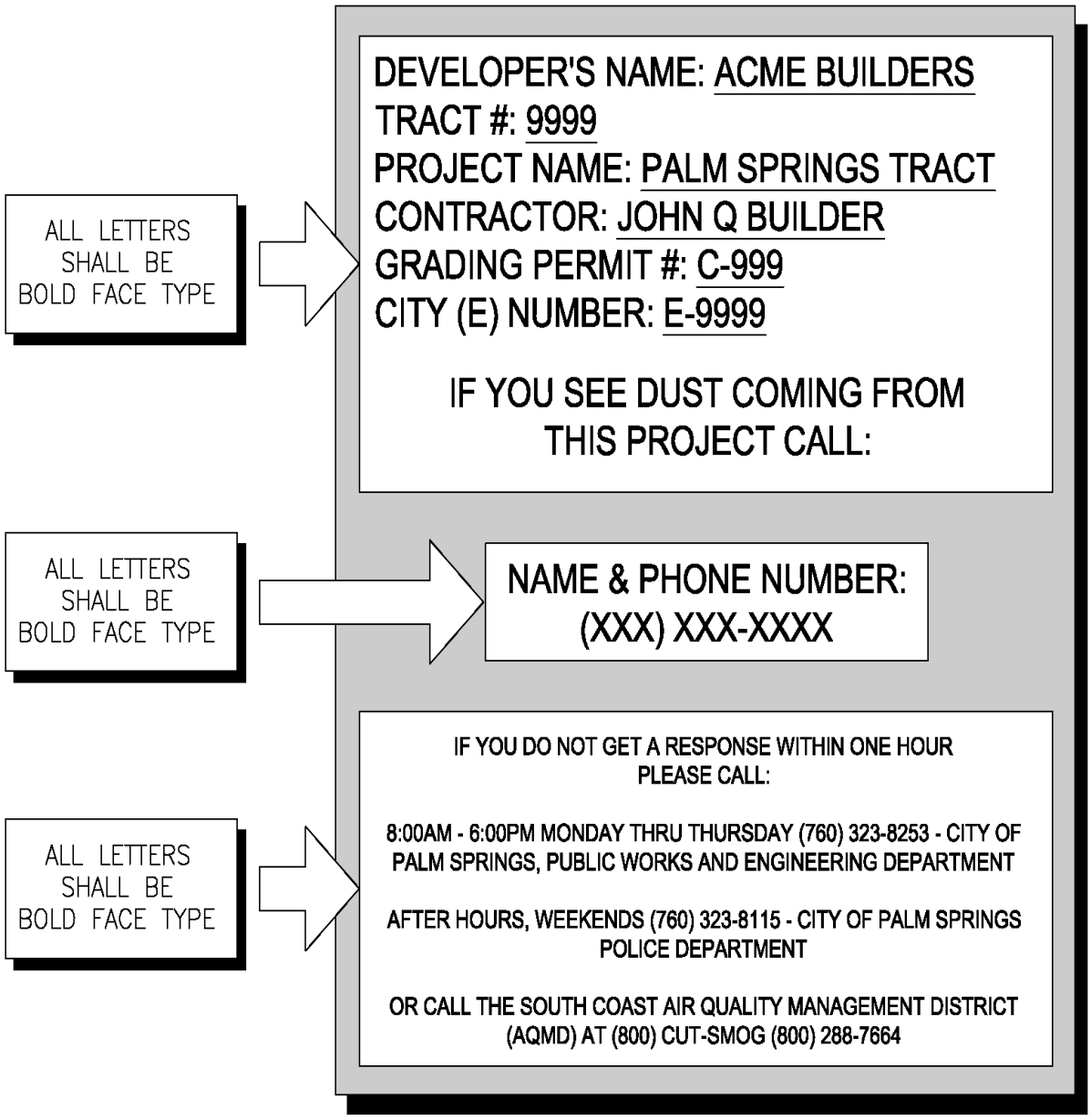
**NO HANDWRITTEN SIGNS WILL BE ACCEPTED. STENCILED PROFESSIONALLY PREPARED SIGNS ARE REQUIRED.**

3. The sign(s) shall be installed and maintained in a condition such that members of the public can easily view, access, and read the signs(s). Additionally:
    a. The lower edge of the sign(s) shall be mounted a minimum of 6 feet and a maximum of 7 feet above the existing ground level for easy viewing.
    b. On the construction site, sign(s) should be positioned so as to be visible from all major streets on each side, or sides of the project within 50 feet of the project boundary.
    c. For construction projects that are developed in phases, the sign(s) should be relocated to the areas, which are under active construction.

# FUGITIVE DUST CONTROL PLAN (PM-10) SIGN REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

REFER TO PAGE 35 FOR SIGN & LETTERING SIZE REQUIREMENTS




**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) DUST CONTROL SIGNAGE REQUIREMENTS

## FOR PROJECTS 10 ACRES OR GREATER

| SIGN AND LETTERING REQUIREMENTS *(ALL DIMENSIONS IN INCHES)* | | | |
|---|---|---|---|
| **PROJECT SIZE** | **< 1 ACRE** | **1.01-9.99 ACRES** | **OVER 10 ACRES** |
| **SIGN SIZE** | 24H X 36W | 36H X 48W | 48H X 96W |
| | ↓ | ↓ | ↓ |
| **PERMIT #** | 2 | 3 | 4 |
| **DEVELOPER'S NAME** | 2 | 3 | 4 |
| **PROJECT NAME/TRACT #** | 2 | 3 | 4 |
| **IF YOU SEE DUST COMING FROM** | 2 | 3 | 4 |
| **THIS PROJECT CALL:** | 2 | 3 | 4 |
| **NAME/PHONE NUMBER/XXX-XXXX** | 3 | 4.5 | 6 |
| **IF YOU DO NOT RECEIVE A RESPONSE, PLEASE CALL** | 1.5 | 2.25 | 3 |
| **CITY POLICE AT XXX-XXXX** | 1.5 | 2.25 | 3 |
| **OR CALL AQMD 800-CUT-SMOG** | 1.5 | 2.25 | 3 |

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) PROJECT INITIATION FORM

## FOR PROJECTS 10 ACRES OR GREATER

The dust control ordinance requires notification at least 24-hours prior to initiating earth-moving activities (includes clearing and grubbing). Submittal of the form to the local permitting authority and the AQMD satisfies this requirement.

| Project Information | Please Enter Information Below |
|---|---|
| **PLAN/PERMIT NUMBER** | |
| **CONSTRUCTION PROJECT NAME** | |
| **PROJECT ADDRESS LOCATION** | |
| **OWNER NAME** | |
| **PHONE NUMBER** | |
| **24-HOUR, MANNED AFTER-HOURS PHONE NUMBER** | |

**OWNER (DESIGNEE) STATEMENT**

Earth-moving activities for the above entitled project will commence on the following dates:

Clearing and/or Grubbing: _____
(If applicable) _____
_____
_____

Eath-moving: _____
_____
_____
_____

Owner (Designee) Signature: _____ Date: _____

# FUGITIVE DUST CONTROL PLAN (PM-10) PROJECT COMPLETION

## FOR PROJECTS 10 ACRES OR GREATER

The dust control ordinance requires submittal of the following form to the local permitting authority and the AQMD within 10 days of establishment of final elevations or at the conclusion of the finished grading inspection, whichever is first.

| Project Information | Please Enter Information Below |
|---|---|
| **PLAN/PERMIT NUMBER** | |
| **CONSTRUCTION PROJECT NAME** | |
| **PROJECT ADDRESS LOCATION** | |
| **OWNER NAME/DESIGNEE NAME** | |
| **PHONE NUMBER** | |
| **24-HOUR, MANNED AFTER-HOURS PHONE NUMBER** | |

**OWNER (DESIGNEE) STATEMENT**

I certify that all exterior construction activity has ceased on all of the land area subject to the approved Fugitive Dust Control Plan. No further soil disturbing activity will be occurring. All soil areas have been stabilized to prevent wind erosion of soil by the following method (s):

_____ landscaping
_____ chemical dust suppressants
_____ gravel cover
_____ building covering entire surface

_____ paving
_____ other method *(describe)*

Owner Signature _____ Date _____

**INSPECTION RESULTS**

An inspection by a representative of the City of Palm Springs has been performed with the following noted:

_____ Construction has ceased and the entire site has been adequately treated for long-term stabilization
_____ Construction has ceased but portions of the site have not been adequately treated for long-term stabilization *(Attach additional stabilization requirements)*

Enforcement Officer_____ Date _____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) BOOKKEEPING FORMS

## FOR PROJECTS 10 ACRES OR GREATER

Under dust control ordinance requirements, construction activities are required to maintain daily self-inspection records and this information must be retained for at least 3 years after project completion.

Additionally, any activity that utilizes chemical dust suppressants for dust control is required to maintain records indicating 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.

All recordkeeping information must be made available to the local permitting authority and to AQMD immediately upon request. A copy of all recordkeeping information must also be retained on-site.

The following forms have been prepared to assist in complying with these requirements.

## DAILY SELF- INSPECTION RECORDKEEPING FORM - AM HOURS

DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK
REGARDLESS OF CONSTRUCTION STATUS

| ELEMENTS MONITORED | 12 am | 1 am | 2 am | 3 am | 4 am | 5 am | 6 am | 7 am | 8 am | 9 am | 10 am | 11 am | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Forecasted high winds | | | | | | | | | | | | | |
| Wind speed | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | |
| Number of water trucks operating | | | | | | | | | | | | | |
| Number of water trucks available | | | | | | | | | | | | | |
| Roads moist/watered | | | | | | | | | | | | | |
| Unstabilized areas moist/watered | | | | | | | | | | | | | |
| Dry areas observed | | | | | | | | | | | | | |
| Irrigation working | | | | | | | | | | | | | |
| Irrigation maintenance | | | | | | | | | | | | | |
| Water trucks filled | | | | | | | | | | | | | |
| Water pumps working | | | | | | | | | | | | | |
| Soil cement 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: _____

## DAILY SELF- INSPECTION RECORDKEEPING FORM - PM HOURS

| ELEMENTS MONITORED | 12 pm | 1 pm | 2 pm | 3 pm | 4 pm | 5 pm | 6 pm | 7 pm | 8 pm | 9 pm | 10 pm | 11 pm | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Forecasted high winds | | | | | | | | | | | | | |
| Wind speed | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | |
| Number of water trucks operating | | | | | | | | | | | | | |
| Number of water trucks available | | | | | | | | | | | | | |
| Roads moist/watered | | | | | | | | | | | | | |
| Unstabilized areas moist/watered | | | | | | | | | | | | | |
| Dry areas observed | | | | | | | | | | | | | |
| Irrigation working | | | | | | | | | | | | | |
| Irrigation maintenance | | | | | | | | | | | | | |
| Water trucks filled | | | | | | | | | | | | | |
| Water pumps working | | | | | | | | | | | | | |
| Soil cement 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: _____

DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK
REGARDLESS OF CONSTRUCTION STATUS

# FUGITIVE DUST CONTROL PLAN (PM-10) DUST SUPPRESSANT RECORD KEEPING FORM

## FOR PROJECTS 10 ACRES OR GREATER

| PROJECT INFORMATION | PLEASE ENTER INFORMATION BELOW |
|---|---|
| **PLAN/PERMIT NUMBER** *(IF APPLICABLE)* | |
| **PROPERTY OWNER NAME/PHONE** | |
| **CONSTRUCTION PROJECT NAME** | |
| **PROJECT ADDRESS/LOCATION** | |
| **CITY, STATE, ZIP** | |
| **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** (IF APPLICABLE) | |

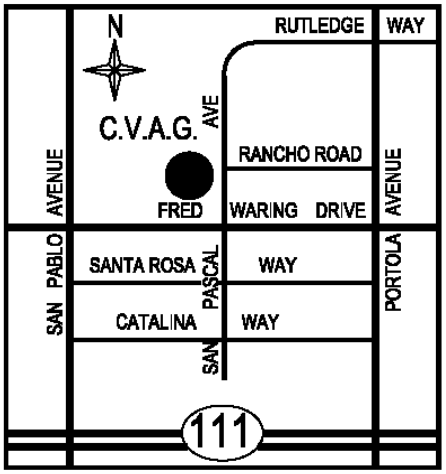
Signature of Form Preparer: _____ Date: _____

Print Name: _____

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**

# FUGITIVE DUST CONTROL PLAN (PM-10) AQMD DUST CONTROL CLASS INFORMATION

**TO OBTAIN A FUGITIVE DUST CONTROL CERTIFICATION, YOU MUST ATTEND A THREE (3) HOUR SEMINAR AT THE COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS (C.V.A.G.) OFFICES AT:**




**C.V.A.G.**
**Conference Room 119**
**73-710 Fred Waring Drive**
**Palm Desert, CA 92260**

**South Coast Air Quality Management District**
Regional air pollution control agency with the authority to regulate emissions, including fugitive dust.

## WHO SHOULD ATTEND:

- City Managers
- Public Works Officers
- City Planners
- City Engineers
- Builders
- Large Site Landscapers
- Landfill Operators
- Developers
- Contractors

## WHAT THE SEMINAR WILL COVER:

- AQMD Rule Requirements
  - Rule 403 (Fugitive Dust)
  - Rule 402 (Public Nuisance)
  - Rule 401 (Visible Emission)
- AQMD Dust Control Review Guidelines
- Dust Mitigation Plan Approval
- Offered the third Thursday of the month

## RESERVATIONS REQUIRED:

- Call 1-866-861-DUST (1-866-861-3878)

  or EMAIL

  dust_control@aqmd.gov. Please leave you name, phone number and the number of attendees.

**DUST CONTROL IS REQUIRED 24 HOURS A DAY – 7 DAYS A WEEK REGARDLESS OF CONSTRUCTION STATUS**