



**City of Desert Hot Springs
FUGITIVE DUST CONTROL / PM-10 PLAN
(OWNER/DEVELOPER NAME)
(PROJECT NAME)
TENTATIVE MAP No. XXXXX
DESERT HOT SPRINGS, CALIFORNIA**

Prepared for:

(Developer Name)
(Developer Address)
Contact: (Name)
Tel. (xxx) xxx-xxxx

Prepared by:

(Engineer Name)
(Engineer Address)
Contact: (Name)
Tel. (xxx) xxx-xxxx

Date: XX/XX/2006

Approved by: _____ **Date** _____
City of Desert Hot Springs

I accept all the provisions of this plan and the City of Desert Hot Springs City Ordinances pertaining to PM-10 and Dust Control and shall be subject to fines, penalties, and revocation of permits if I fail to comply with these rules and Ordinances as approved here-in:

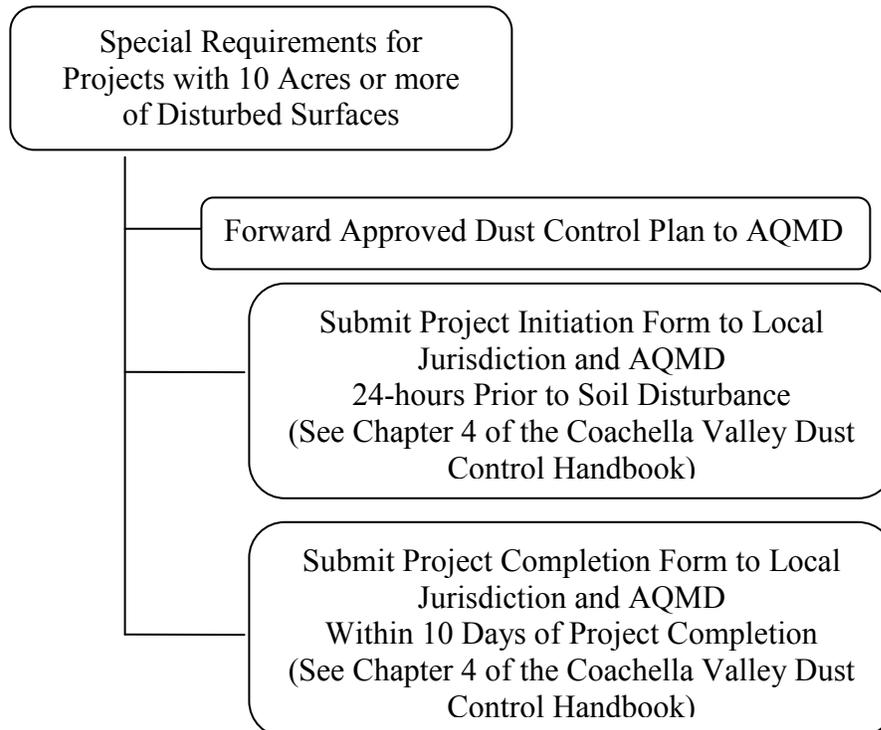
Developer/Owner **Date**

Developer/Owner **Date**

SUMMARY FLOWCHART FOR CONSTRUCTION ACTIVITY REQUIREMENTS

The following is a summary checklist and flowchart for the construction activity dust control ordinance requirements. Project operators, Fugitive Dust Control / PM-10 Plan reviewers, and code enforcement personnel can use this to ensure that all dust control ordinance requirements are met throughout the construction process. Additional information on specific requirements is included in the referenced Handbook Chapters.

- Implement Coachella Valley BACM for all sources (Coachella Valley Dust Control Handbook Chapter 2)
- All Sites requiring a grading permit, or that involve more than 5,000 square feet of soil disturbance, or import/export more than 100 cubic yards of material per day must prepare and have a Fugitive Dust Control / PM-10 Plan approved by the permitting authority (Coachella Valley Dust Control Handbook Chapter 3)



- Install construction project signage (Coachella Valley Dust Control Handbook Chapter 5)
- Maintain daily dust control log and chemical stabilization recordkeeping (Coachella Valley Dust control Handbook Chapter 6)
- Ensure compliance with applicable test methods (Coachella Valley Dust Control Handbook Chapter 8)

SUMMARY OF DUST CONTROL ORDINANCE REQUIREMENTS

The Coachella Valley dust control ordinances require local government approval of a Fugitive Dust Control Plan prior to:

- Issuance of a grading permit.
- Issuance of a building permit for projects with 5,000 or more square feet of soil disturbance.
- Issuance of permits for projects that import or export more than 100 cubic feet of bulk material per day.

The Fugitive Dust Control / PM-10 Plan Requirements consist of two elements:

- (1) Fugitive Dust Control / PM-10 Plan Application (Form A);

and

- (2) Fugitive Dust Control / PM-10 Plan (Form DCP or equivalent for projects with less than 10 acres of disturbed surfaces or a Site-Specific Fugitive Dust Control Plan for projects with 10 or more acres of disturbed surfaces)

The following guidance has been prepared for construction project operators to facilitate preparation of consistent Fugitive Dust Control / PM-10 Plans throughout the Valley.

FUGITIVE DUST CONTROL / PM-10 PLAN APPLICATION FORM

The following instructions have been prepared to assist project operators in preparing a Fugitive Dust Control / PM-10 Plan application (**form A**) for construction activities. Submitting a complete application is essential in expediting the process, so please read and follow the instructions carefully.

In addition to the Fugitive Dust Control / PM-10 Plan application (Form A), construction activities are required to prepare a Fugitive Dust Control / PM-10 Plan.

Guidance for preparing Fugitive Dust Control / PM-10 Plans for smaller projects (less than 10 acres of disturbed surfaces) and larger projects (10 acres or more of disturbed surfaces) is also included in this Chapter.

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 | |
| Tract/Parcel and Lot Numbers | |

Fugitive Dust Control Plan Application Form
(Form A – 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) | Source from Mission Springs Water District |

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 # | |

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 8 1/2 by 11”.

Provide an 8 1/2” by 11” or larger **Assessor Parcel Map** for the property(s) on which the project will be occurring. 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, 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), provided a map clearly identifying the phases.

8. Attached 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 included later in this Chapter.

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 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 in Chapter 5 of the Coachella Valley Dust Control Handbook.

11. Owner Agreement

The signatory 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 apart of the approved site grading plan.

Owner Signature **Date**

Printed Name **Title and Company**

AQMD Coachella Valley Fugitive Dust Control Class Certificate #

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 | |
| <p>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.</p> | |
| Owner's Signature _____ Date _____ | |
| Printed Name _____ | |

**FUGITIVE DUST CONTROL / PM-10 PLAN PREPARATION GUIDANCE
FOR LARGER CONSTRUCTION PROJECTS
(10 ACRES OR LARGER)**

In addition to the Fugitive Dust Control Plan application (Form A), the dust Control ordinance requires a City (County) 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 ½ x 11 format, using the supplied form within 10 days after approval by the permitting authority. Please submit copies of approved Site-Specific Fugitive Dust Control Plans to:

Patrick Hotra
Senior Staff Specialist
South Coast AQMD
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2995
(909) 396-2608 [Facsimile]
photra@aqmd.gov

Project Description:

Water Source Identification:

The primary source of water will be from Mission Spring Water District.

Coachella Valley Best Available Control Measures:

This section includes 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 CV BACM included. This section also has a description of the fugitive dust control measures to be implemented during non-working hours.

Control Measures Guidance:

Suggested minimum standards for a Site-Specific Fugitive Dust Control Plan are presented below. The project grading plans must include a statement that incorporates the Site-Specific Fugitive Dust Control Plan into the approved grading plan.

******Please Note: The following sections have specific examples for projects and may need to be modified as necessary to address specific project sites and regulatory guidelines pertaining to individual projects******

No. 1 EARTH-MOVEMENT

Project Phasing:

In accordance with the projects conditions of approval, the project site will be phased into XX (XX) separate phases.

Pre-Watering:

Prior to initiating activity, the site will be pre-watered through use of portable irrigation lines. The project site will be pre-watered at least 72 hours for each area prior to initiating earth-movement.

Watering During Earth-Movement Activities:

Water will be 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, (XX) 2,000 gallon water truck(s) 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 subject project will be disturbing (XX) acres at a time, therefore requiring a minimum of three (X) water pulls. Each (XXXX) gallon water pull can deliver (XX) gallons per hour, producing (XX) acres of coverage per hour. The water pulls will also be available for after hour's operations. An additional two water trucks will be on-site as back-up watering devices. Water towers will be utilized to fill these trucks in an efficient manner.

Perimeter Controls:

Wind fencing will be utilized between the project site and nearby properties for construction projects. Off-site upwind fencing and on-site wind fencing for the subject project will also aid blowsand from being deposited onto the site or traveling through the side.

Site Stabilization:

Chemical dust suppressants will be applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency

to ensure compliance with the applicable test methods. Recordkeeping will be required and will demonstrate program compliance. Wind fencing or other obstructions will be utilized to keep areas previously treated with dust control suppressants free and clear 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 will be utilized to keep areas previously treated with dust control suppressants free and clear 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, use of chemical stabilization products, or dilute mixture of soil stabilizers.

Contingency Measures:

In the event that the necessary amount of water trucks do not adequately water the project area, additional water trucks will be implemented to handle the added demand.

If additional problems occur, construction activity will be limited to minimize ground disturbance, a soil stabilizer will be used in accordance with the manufacturer's recommendations and fencing will be utilized to eliminate fugitive dust.

No. 2 – UNPAVED ROAD TRAVEL

Surface Improvements:

Paving of the internal roadway network will be promoted early in the project's development phase. This will also be advantageous to the Developer to possibly reduce the volume of chemical dust suppressant and eliminate costly reapplication costs.

Periodic Street cleaning will be provided throughout project and perimeter street to ensure compliance with the dust control ordinance track-out requirements and reduce entrained road dust.

Application of gravel/aggregate base or other material with a lower silt content than the underlying soils may be utilized as an interim condition to reduce surface disturbance and minimize dust control.

Surface Treatments:

Chemical dust suppressants designed by various manufactures may be used for problematic 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 will also reduce the need to retreat areas previously stabilized.

Consistent watering of unpaved roads will be the initial method of choice watering haul routes and equipment paths. Due to the high evaporation rate, the subject project may utilize a chemical dust suppressant for a longer-term control. (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. The subject project will aim to reduce the trips traveled on site and post construction site speed limit signs that will be enforced by the project superintendent and a junior superintendent specifically assigned to this task. This may reduce the volume to fugitive dust emissions and the amount of surface treatments. 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:

The project will utilize water pulls to disperse adequate water to limit the amount of fugitive dust. Speed limit signs will also be posted to limit the velocity of all construction traffic.

Construction traffic will be limited specific haul roads throughout the necessary phase of construction. In the event that these primary devices appear to not add adequate dust control, a chemical surface treatment will be applied per the manufactures recommendations.

No. 3 – STORAGE PILES/BULK MATERIAL HANDLING

Wind Sheltering:

Wind barriers will be installed around project stock piles with no more than 50 percent porosity on three sides of the pile, such that the barrier is equal to or greater than the pile height.

Coverings may be used on smaller storage piles to prevent windblown dust. Any covering must be secured to ensure that it remains in place and effective.

Storage Pile Stabilization:

Water will be 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 may be utilized as a control measure for storage piles with infrequent disturbances. Any product used shall be applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods. Record keeping will be necessary to demonstrate compliance.

Vegetation can also be used to stabilize storage piles that will remain inactive for long periods of time. 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 may reduce wind erosion of storage piles. This control measure will be implemented in conjunction with other control measures to achieve the applicable performance standards.

Stockpiles within 100 yards of occupied buildings shall 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:

The (Project Name) project will utilize water pulls to properly disperse adequate volumes of water on stock piles to minimize fugitive dust. A perimeter screen fence will be installed when necessary to block wind around stored material.

In the event that the above mentioned devices are not properly discouraging dust, a chemical surface treatment will be applied per the manufacturer's recommendations.

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

Track-Out Prevention:

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

Covering haul vehicles or utilizing **bed liners** may be used to prevent material from being lofted out of the vehicle or from falling out of the bottom of the vehicle.

Specific Dust Control Ordinance Requirements:

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. A metal “rumble grate” shall be installed at the inbound/outbound entrance in order to minimize track-out. The “rumble gate” shall be immediately adjacent to the entrance.

The device shall be properly installed and maintained throughout the duration of construction activity.

Track-Out Mitigation:

Street sweeping may be an effective mitigation measure if material is traced out onto paved roads surrounding the site. Efforts to prevent material track-out will ultimately reduce sweeping costs.

Contingency Measures:

In the event that the aggregate base track out device does not appear to properly maintain track-out, a street sweeper will be initiated to clean all surface streets.

At this time investigation into a more elaborate track-out reduction device will be initiated.

No. 5 – DISTURBED SURFACES/INACTIVE SITES

During Dust Generating Activities:

Water will be 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 (XXXX) gallon water truck can treat approximately (XX) acres of active construction per hour during

non high-wind conditions. Also, for cut and fill activities, one (XXXX) gallon water pull is estimated to be necessary for each (XXXX) cubic yards of daily earth-movement. Multiple (XXXX) gallon water trucks may be used in place of one (XXXX) 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 subject project will be disturbing (XX) acres at a time, therefore requiring a minimum of three (X) water pulls. Each (XXXX) gallon water pull can deliver (XXXX) gallons per hour, producing (XX) acres of coverage per hour. The water pulls will also be available for after hour's operations. An additional (XX) water trucks will be on-site as back-up watering devices.

Perimeter Controls:

Wind fencing will be utilized between the project site and nearby residences or construction projects. Off-site upwind fencing and on-site wind fencing for the subject project will also aid blowsand from being deposited onto the site or traveling through the site.

The project will utilize the projects block walls in lieu of perimeter wind fencing.

Temporary Stabilization During Weekends, After Work Hours, Holidays:

Pending on site soil types, water may 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 may be an effective technique for areas that will be subject to future disturbances.

Access Restriction:

Fencing or other obstructions may keep the stabilized area free from future disturbances and thereby possibly 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:

- Maintain soils in a damp condition
- Water soil to develop a surface crust, or
- Use a chemical stabilization product

Long Term Stabilization:

Chemical dust suppressant applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency may ensure compliance with the applicable test methods. This may be an effective long-term stabilization technique. Record keeping is necessary to demonstrate compliance. Portable irrigation is necessary to ensure adequate site coverage. Wind fencing or other obstructions may keep areas previously treated with dust control suppressants 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 water system or
- Application of chemical dust suppressants with physical access restrictions surrounding the disturbed surface.

Contingency Measures:

The project will utilize water tanks/pulls to disperse adequate water to limit the amount of fugitive dust. Construction traffic will be limited to specific project area by utilizing various fencing or object to discourage entering.

In the event that these primary devices appear to not add adequate dust control, a chemical surface treatment will be applied per the manufacturer's recommendations.

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. If an internal roadway network is paved, employees are to be instructed to park only on paved areas.

Contingency Measures:

In the event that aggregate base placed on the staging area and employee parking does not properly work correctly, water pulls will disperse adequate water over the subject area timed throughout the day to minimize fugitive dust or a chemical dust suppressant designed will be applied in accordance with the manufacturer's specifications and in sufficient concentrations and frequency to ensure compliance with the applicable test methods.

No. 7 – EMPLOYEE TRAINING

Employee Dust Control Training and Compliance:

This section describes how on-site personnel will ensure that the project remains in compliance with the Site-Specific Fugitive Dust Control Plan. This section includes a statement of 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 complete the AQMD Coachella Valley Fugitive Dust Control Class and maintain a current 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.

DUST CONTROL PLAN TEMPLATE

All the elements listed in the preceding pages must be included in the Site-Specific Fugitive Dust Control Plan. Additionally use of an 8 ½ "x 11" stand alone Site-Specific Fugitive Dust Control Plan is required regardless if the information is included on an approved grading plan.

Water Source Identification:

Water source (gpm): Mission Spring Water District

Back-up water source:

No. 1 - EARTH-MOVEMENT

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

| <u>Control Measure</u> | <u>Control Action</u> |
|---|---|
| Pre-grading Planning Watering (pre-grading): | Number of acres to be graded at one time: _____ Number of parcels to be phase-graded: _____ Number of water trucks: _____ Frequency of application: _____ Sprinkler/hose system: _____ Describe: _____ |
| Watering (during grading): | Number of water trucks: _____ Frequency of application: _____ Sprinkler/hose system: _____ Describe: _____ |
| Watering (post grading): | Number of water trucks: _____ Frequency of application: _____ Sprinkler/hose system: _____ Describe: _____ |
| Wind Fencing: | Maximum height: _____ Location: _____ Describe: _____ |
| Chemical Stabilization: | Type of product: _____ Frequency of application: _____ Concentration: _____ _____ |
| Cover haul Vehicles/Bedliners in haul vehicles: | Operator of haul vehicles, If other than site owner: _____ _____ |
| Other (specify) | _____ _____ |

**Contingency
measure(s):**

If necessary, attach additional information.

Additional backup water trucks will be kept on-site and an adequate supply of soil stabilizer will be kept on site and ready for immediate application if necessary.

No. 2 – UNPAVED ROAD TRAVEL *

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

| <u>Control Measure</u> | <u>Control Action</u> |
|--------------------------------|---|
| Paving: | Frequency of street sweeping: _____ Describe: _____ _____ |
| Gravel: | Depth of gravel: _____ Describe: _____ |
| Chemical Stabilization: | Type of product: _____ Frequency of application: _____ Concentration: _____ Describe: _____ _____ |
| Watering: | Frequency of Application: _____ Describe: _____ |
| Reduce Speed: | Maximum speed limit: _____ How are speeds controlled: <u>Post Signs</u> <u> </u> ; Briefings to workers <u> </u> |
| Trip Reduction: | Describe how achieved: _____ _____ |
| Other (specify): | _____ _____ _____ |
| Contingency Measure(s): | _____ _____ |

If necessary, attach additional information.

* All unpaved haul roads and parking areas must be identified on the Dust Control Plan site map and all vehicles shall only use established haul routes and parking areas.

No. 3 – STORAGE PILES/BULK MATERIAL HANDLING

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

| <u>Control Measure</u> | <u>Control Action</u> |
|--------------------------------|---|
| Wind Sheltering: | Maximum Height: _____ Location: _____ Describe: _____ _____ |
| Coverings: | Types of coverings: _____ Describe: _____ _____ |
| Watering: | Method of application: _____ Frequency of application: _____ Describe: _____ _____ |
| Chemical Stabilization: | Type of Product: _____ Frequency of application: _____ Concentration: _____ Describe: _____ _____ |
| Vegetation: | _____ |
| Loadin/loadout: | Orientation of loadin/loadout procedures: _____ Describe: _____ _____ |
| Contingency measure(s): | _____ _____ |

If necessary, attach additional information.

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

Note: If trackout, 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.

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

| <u>Control Measure</u> | <u>Control Action</u> |
|---|---|
| Gravel Pads: | Location: _____ Size: _____ <i>(Minimum dimensions: 1" or larger washed gravel, maintained at 6" depth, 50' long x 30' Wide)</i> Location: _____ |
| Paving: | Locations: _____ Describe: _____ |
| Track-out device Type of device Wheel Washers: | Location: _____ Describe: _____ _____ _____ |
| Cover haul vehicles/Bedliners in haul vehicles: | <u>Operator of haul vehicles</u> If other than site operator: _____ _____ |
| Sweep/clean roadways: | Frequency: _____ Type of equipment: _____ Describe: _____ _____ _____ _____ |
| Other (specify): | _____ |
| Contingency measure(s): | _____ _____ |

If necessary, attach additional information.

No. 5 – DISTURBED SURFACES/INACTIVE SITES

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

Control Measure Control Action

During Dust Generating Activities:

Watering: Method of Application: _____
Frequency: _____
Describe: _____

Wind Fencing: Location: _____
Height: _____
Describe: _____

Site Access: Method of vehicle restriction:

Chemical Stabilization: Type of product: _____
Frequency of application: _____
Concentration: _____
Describe: _____

Vegetation: Location: _____
Plant Type: _____
Describe: _____

Temporary Stabilization During Weekends, After Hours, and on Holidays

Watering: Method of Application: _____
Frequency: _____
Describe: _____

Chemical Stabilization: Type of product: _____
Frequency of application: _____
Concentration: _____

Site Access: Method of vehicle restriction:

No. 5 – DISTURBED SURFACES/INACTIVE SITES (Continued)

Coachella Valley Best Available Control Measures:

In the space provided below, please check and describe your dust control measures:

Control Measure Control Action

Long Term Stabilization:

Chemical Stabilization: Type of product: _____
Frequency of application: _____
Concentration: _____
Plant Type: _____

Wind Fencing: Location: _____
Height: _____
Describe: _____

Other (specify): _____

Contingency measure(s): _____

If necessary, attach additional information.

NOTIFICATOIN FORMS

Summary of Dust Control Ordinance Requirements:

The dust control ordinance requires the project operator for sites with 10 acres or more of soil disturbance to notify the local permitting authority and AQMD at the following construction phases:

Project Initiation Phase:

Project Initiation Form must be submitted to local permitting authority and AQMD at least 24 –hours prior to conducting earth-movement activities

Project Completion Phase:

Project Completion Form must be submitted to local permitting authority and AQMD within 10 days of establishment of final elevations or at the conclusion of the finished grading inspection.

The following sample forms have been prepared to assist project operators in complying with these requirements. Once complete, the AQMD contact where forms can be directed to is:

Patrick Hotra
Senior Staff Specialist
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2608 [Facsimile]
photra@aqmd.gov

Questions on submittal of the forms can be directed to Phil Hubbard at (909) 396-2966.