



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
 375 Beale Street, Suite 600  
 San Francisco, California 94105  
 (415) 771-6000

For District Use Only	
Date Rec'd	
File #	

## ASBESTOS AIRBORNE TOXIC CONTROL MEASURE FOR **CONSTRUCTION AND GRADING OPERATIONS**

§ 93105, Title 17, California Code of Regulations

# ASBESTOS DUST MITIGATION PLAN APPLICATION

## For the Discovery of Asbestos, Ultramafic Rock, or Serpentine

### 1. Company and Project Information

Company Name and Address		Project Location	
Name		Location	
Address		Address	
City/State	Zip	City/State	Zip
Contact		<b>Date of Discovery of asbestos, ultramafic rock, or serpentine:</b>	
Phone	Fax	Estimated Completion Date:	Start Date:

The following information is requested to assist in the evaluation of your Asbestos Dust Mitigation Plan. Omission of this information may result in a delay of the completion of the evaluation and approval of the plan. Please provide the information requested below; place a checkmark in front of each of the categories that applies.

### 2. Detailed Project Information

<b>Type of Project:</b> (Check all that applies)	
Road or Railway Construction	Trenching / Utilities Work
Road Maintenance	Other (please describe)
Housing Development	_____
Commercial Property Development	

### 3. Detailed Site Information

<b>Areas and Facilities within a quarter mile (400 meters) of the Project:</b> (Check all that applies)		
Residential	Hospital / Nursing Home	Other (please describe)
Commercial	School	
Industrial	Park / Playground	
Rural		_____

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## 4. Addition Information

**The following information MUST be included:**

Map(s) clearly indicating:

- |                               |                           |
|-------------------------------|---------------------------|
| Property lines / boundaries   | Storage areas / piles     |
| Rights of way / easements     | Track-out control         |
| Areas to be cleared or graded | Staging areas for removal |
| Trenching areas               | Truck routes              |
| Excavation sites              | On-site parking lots      |

**If available, please attach the following information:**

- Geologic Information
- Topographical Maps
- Meteorological Data

## CONSTRUCTION AND GRADING OPERATIONS CHECKLIST FOR PROJECTS GREATER THAN AN ACRE

### ELEMENTS THAT MUST BE INCLUDED:

Each of the following sources of dust emissions **MUST** be addressed in the Asbestos Dust Mitigation Plan:

- Track-out onto the paved public road;
- Active storage piles;
- Inactive disturbed surface areas and storage piles;
- Traffic on unpaved on-site roads;
- Earthmoving activities;
- Off-site transport of materials; and
- Post-project stabilization of disturbed soil surfaces.

### ASBESTOS AIR MONITORING PLANS:

**If required by the District, complete an Asbestos Air Monitoring Plan for District approval.**

An air monitoring plan **MAY BE** required if one or more of the following lies within a quarter mile (400 meters) of any boundary of an area to be disturbed:

- Residence;
- School / Daycare center;
- Industrial Facility
- Business;
- Park / Playground;
- Hospital / Nursing Home

**Development of an Asbestos Air Monitoring Plan does not constitute a requirement to implement air monitoring.**

However, if the District would like to determine the effectiveness of the application of the dust mitigation measures listed in your dust mitigation plan, the plan would be required to be implemented within one business day of notification from the District.

## 5. Track-out onto the paved public road

Please mark the box preceding each measure that will be implemented:

### **THIS MEASURE MUST BE ADDRESSED:**

Any visible track-out on a paved public road at any location where vehicles exit the work site **MUST** be removed; Removal **MUST** be done using wet sweeping or a HEPA filter-equipped vacuum device at the end of the work day or at least one time per day.

### **AND installation of one or more of the following track-out prevention measures:**

A gravel pad designed using good engineering practices to clean the tires of exiting vehicles

A tire shaker

A wheel wash system

Pavement extending for not less than fifty (50) consecutive feet from the intersection with the paved public road

Any other measure(s) as effective as the measures listed above: (Briefly describe below)

## 6. Active Storage Piles

### **THIS MEASURE MUST BE ADDRESSED:**

Keep active storage piles adequately wet or covered with tarps.

## 7. Inactive Areas and Storage Piles

Please mark the box preceding each measure that will be implemented:

Control for disturbed surface areas and storage piles that will remain inactive for more than seven (7) days shall include **one or more of the following:**

Keep the surface adequately wet;

Establish and maintain of surface crusting sufficient to satisfy the test in subsection 93105(h)(6);

Apply chemical dust suppressants or chemical stabilizers according to the manufacturer's recommendations;

Cover with tarp(s) or vegetative cover;

Install wind barriers of fifty percent (50%) porosity around three (3) sides of a storage pile;

Install wind barriers across open areas;

Any other measure(s) deemed as effective as the measures listed above. (Briefly describe below)

## 8. Traffic on On-Site Unpaved Roads, Parking Lots, and Staging Areas

Please mark the box preceding each measure that will be implemented:

**THIS MEASURE MUST BE ADDRESSED:**

A maximum vehicle speed limit of fifteen (15) miles per hour or less;

**AND one or more of the following:**

Water every two hours of active operations or sufficiently often to keep the area adequately wetted;

Apply chemical dust suppressants consistent with manufacturer's directions;

Install wind barriers of fifty (50) percent porosity around three (3) sides of a storage pile;

Maintain a gravel cover with a silt content that is less than five (5) percent and asbestos content that is less than 0.25 percent, as determined using an approved asbestos bulk test method, to a depth of three (3) inches on the surface being used for travel; or

Any other measure(s) deemed as effective as the measures listed above. (Briefly describe below)

## 9. Earth Moving Activities

Please mark the box preceding each measure that will be implemented:

Control for earthmoving activities must include **one or more of the following:**

Pre-wet the ground to the depth of anticipated cuts;

Suspend grading operations when wind speeds are high enough to result in dust emissions crossing the property line, despite the application of dust mitigation measures;

Apply water prior to any land clearing; or

Any other measure(s) deemed as effective as the measures listed above. (Briefly describe below)

## 10. Off-Site Transport

Please mark the box preceding each measure that will be implemented:

**THIS MEASURE MUST BE ADDRESSED:**

The owner or operator must ensure that no trucks are allowed to transport excavated material off-site unless:

- Maintain trucks such that no spillage can occur from holes or other openings in cargo compartments; **AND**
- Loads are adequately wet;

**AND Either of the following measures:**

- Cover with tarps; or
- Load such that the material does not touch the front, back, or sides of the cargo compartment at any point less than six inches from the top and that no point of the load extends above the top of the cargo compartment.

## 11. Post Construction Stabilization of Disturbed Areas

Please mark the box preceding each measure that will be implemented:

Upon completion of the project, disturbed surfaces shall be stabilized using **one or more of the following:**

- Establish a vegetative cover;
- Place at least three (3.0) inches of non-asbestos-containing material;
- Paving; or
- Any other measure deemed sufficient to prevent wind speeds of ten (10) miles per hour or greater from causing visible dust emissions. (Briefly describe below)