



El Dorado County Air Quality Management District (AQMD)

330 Fair Lane, Placerville, CA 95667
Phone: 530-621-7501 / Fax: 530-295-2774
www.edcgov.us/AirQualityManagement

Fugitive Dust Plan (FDP) Application

- This plan is required for grading projects that are outside of Naturally Occurring Asbestos (NOA) designated areas, as shown on the Western El Dorado County Asbestos Review Map.
- Please complete every section. Incomplete applications will be returned.
- Any discovery of NOA on the project must be reported to the AQMD by the next business day (Rule 223-1.1.C).
- You must notify AQMD by calling 530-621-7501 at least 48 hours prior to commencing grading activities and 2 hours prior to commencing any blasting.
- An approved FDP must be available on site at all times.

1. ADMINISTRATIVE INFORMATION	
Size of Project	Fees and Checklist
Estimated Size of DISTURBED area (acres): <div style="border: 1px solid black; width: 150px; height: 30px; margin: 5px auto;"></div> <p><i>If size of DISTURBED area exceeds 50 acres, the project is designated as a "Large Operation" and additional requirements apply.</i></p>	Fee due: \$127.00 - <i>This fee covers up to 1 hour of staff time. Any additional hours will be billed at the District's approved hourly rate.</i> <input type="checkbox"/> Fee submitted with FDP Application <input type="checkbox"/> Application signed by a Responsible Party <input type="checkbox"/> Project Map

2A. OWNER INFORMATION	2B. CONTRACTOR INFORMATION <input type="checkbox"/> N/A
Name:	Name:
Mailing Address:	Mailing Address:
City/State: Zip:	City/State: Zip:
Contact Name:	Site Contact Name:
Phone: Email/Fax:	Site Phone: Email/Fax:

3. PROJECT INFORMATION	
Address:	Project Description:
City/State/Zip:	Est. Project Start Date:
Parcel (APN) Number:	Est. Completion Date of Soil Disturbing Activities:

FOR AQMD USE ONLY:

AQMD S/R NUMBER: _____

BLDG/GRADING: _____

4. MAP INFORMATION (11x17 format or smaller preferred)

Map(s) clearly indicating the following **MUST** be included:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Property lines / boundaries | <input type="checkbox"/> Storage areas / piles |
| <input checked="" type="checkbox"/> Adjacent streets / easements | <input type="checkbox"/> Staging areas for removal |
| <input checked="" type="checkbox"/> Areas to be disturbed or graded | <input type="checkbox"/> Truck routes |
| <input type="checkbox"/> Trenching areas | <input type="checkbox"/> On-site parking lots |
| <input type="checkbox"/> Excavation sites | <input type="checkbox"/> Landmarks and roads |

5. PROJECT TYPE

Activity: (Check all that apply):

- | | |
|---|--|
| <input type="checkbox"/> Residential Construction | <input type="checkbox"/> Commercial Property Development |
| <input type="checkbox"/> Grading | <input type="checkbox"/> Pool Construction |
| <input type="checkbox"/> Road Construction | <input type="checkbox"/> Trenching / Utilities Work |
| <input type="checkbox"/> Road Maintenance | <input type="checkbox"/> Landscaping |
| <input type="checkbox"/> Housing Development | <input type="checkbox"/> Other (please describe):
_____ |

6. LARGE OPERATIONS (> 50 acres of DISTURBED surface)

N/A

- Additional requirements (Rule 223-1.7): Large Operations must include Dust Controls Measures specified in Tables 5 or 6 of Rule 223-1: and shall comply with both of the following:

- Maintain daily records to document the specific dust control actions taken
- Onsite Dust Control Supervisor (available within 30 minutes during working hours):

Name: _____ Phone/Mobile Number: _____

7. POTENTIAL SOURCES OF FUGITIVE DUST EMISSIONS

- There shall be no visible emissions (0% opacity as determined in accordance with US EPA Method 9) at 50 feet from the point-of-origin and at the property line. Visible emissions shall not exceed 20% opacity as determined in accordance with US EPA Method 9 at the point-of-origin. Applicable Best Management Practices included in Table 1 - 4 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-1.4.A.

Activity: (Check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Disturbing Soil | <input type="checkbox"/> Road Construction / Maintenance |
| <input type="checkbox"/> Cleaning and Grubbing | <input type="checkbox"/> Stockpiles/Bulk Material Handling |
| <input type="checkbox"/> Grading | <input type="checkbox"/> Traffic Areas for Construction Activities |
| <input type="checkbox"/> Backfilling | <input type="checkbox"/> Trenching |
| <input type="checkbox"/> Clearing Forms, Foundations and Slabs | <input type="checkbox"/> Truck Loading |
| <input type="checkbox"/> Demolition – Mechanical/Manual | <input type="checkbox"/> Unpaved Road/Parking Lots |
| <input type="checkbox"/> Large Earth-moving Equipment Operations | <input type="checkbox"/> Blasting |
| <input type="checkbox"/> Importing/Exporting of Bulk Materials | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Landscaping | |

8. EARTHMOVING ACTIVITIES

- You must notify AQMD at least 48 hours prior to beginning grading activities.
- There shall be no visible emissions 50 feet from the point-of-origin and at the property line. Visible emissions shall not exceed 20% opacity at the point-of-origin. Applicable Best Management Practices included in Table 1 - 4 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-1.4.A.
- Suspend earthmoving operations when wind speeds are high enough to result in dust emissions in excess of standards in Rule 223-1.4.A, despite the application of dust mitigation measures

Controls for earthmoving activities: (Check all that apply)

- Application of water, as necessary, prior and during earthmoving or land clearing activities (maintain live perennial vegetation where possible)
- Pre-wetting the ground to the depth of the anticipated cuts
- Stabilize soils once soils disturbing activities are complete
- Any other measure(s) as effective as the measures listed above (please describe)

9. ACTIVE STORAGE PILES

N/A

- There shall be no visible emissions 50 feet from the point-of-origin or at the property line. Visible emissions shall not exceed 20% opacity at the point-of-origin. Applicable Best Management Practices included in Table 1 - 4 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-1.4.A.

The following control measure MUST be addressed:

- Keep active storage piles adequately wetted or covered with tarps (please describe):

- When handling bulk material apply water or chemical/organic stabilizers/suppressants
- Any other measure(s) as effective as the measures listed above (please describe)

10. INACTIVE STORAGE PILES

N/A

- For piles to remain undisturbed for more than 7 consecutive days, there shall be no visible emissions 50 feet from the point-of-origin or at the property line. Visible emissions shall not exceed 20% at the point-of-origin. Applicable Best Management Practices included in Table 1 - 4 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-1.4.A.
- Suspend soil disturbing activities when wind speeds are high enough to result in dust emissions in excess of standards in Rule 223-2.4.A, despite the application of dust mitigation measures.

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 (Check all that apply):

- Keep the surface adequately wetted
- Establish and maintain surface crusting sufficient to satisfy test in Rule 223-1.10.C or Title 14 §93105(h)(6)
- Application of chemical dust suppressants or chemical stabilizers according to the manufacturer's recommendations
- Covering with tarp(s) or vegetative cover
- Installation of wind barriers of fifty (50) percent porosity around three (3) sides of a storage pile
- Installation of wind barriers across open areas
- Any other measure(s) as effective as the measures listed above (please describe)

11. TRACK-OUT PREVENTION

- Any visible track-out on a paved road where vehicles enter and exit the work area must be removed when it extends 50 ft. It must be removed at least at the end of each workday. Removal shall be by wet sweeping, a PM10-efficient street sweeper or flushing with water (if not in violation of any National Pollutant Discharge Elimination System permit program). Applicable Best Management Practices included in Table 3 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-2.4.A. **The use of blower devices, or dry rotary brushes is expressly prohibited!**

Other control measures (Check all that apply):

- A gravel pad designed using good engineering practices to clean the tires of exiting vehicles
- Grizzlies, or similar devices designed to remove mud/dirt from tires
- A tire shaker
- A wheel wash system (mechanical or manual)
- Paving of interior roads
- Any other measure(s) as effective as the measures listed above (please describe)

12. BLASTING ACTIVITIES N/A

- You must notify AQMD at least two (2) hours prior to blast.
- Visible emissions shall not exceed 0% opacity 50 feet from the point-of-origin or at the property line. Visible emissions shall not exceed 20% opacity at the point-of-origin. Applicable Best Management Practices included in Table 4 of Rule 223-1 or similar effective measures shall be utilized to comply with standards per Rule 223-1.4.A.
- Suspend blasting activities when wind speeds result in dust emissions in excess of standards in Rule 223-1.4.A, despite the application of dust mitigation measures. Consider wind direction with respect to property line and nearby residences

Controls for blasting activities: (Check all that apply)

- Pre-wetting blast area
- Place blast mats or soil mounds over charges
- Stabilize soils once blasting activities are complete
- Any other measure(s) as effective as the measures listed above (please describe)

13. TRAFFIC CONTROL ON UNPAVED ROADS, PARKING LOTS, STAGING AREAS

N/A

Limit onsite vehicle speed to comply with Rule section 223-1.4.A.

AND (Check all that apply):

- Water every two hours of active operation or sufficiently often to keep the area adequately wetted
- Apply chemical dust suppressants consistent with manufacturer's directions
- Maintain a gravel cover with a silt content that is less than five (5) percent
- Direct construction traffic over established haul routes
- Any other measure(s) as effective as the measures listed above (please describe)

14. OFF-SITE TRANSPORT

N/A

Maintain trucks transporting excavated material such that no spillage can occur from holes or other openings in cargo compartments

Loads must be adequately wetted

AND (Check all that apply):

- Covered with tarps or other suitable cover
- Trucks loaded such that the freeboard is not less than six (6) inches (material does not touch the front, back or sides of the cargo compartment at any point less than six inches from the top)
- Any other measure(s) as effective as the measures listed above (please describe)

15. STATEMENT OF RESPONSIBLE PARTY (Owner or Licensed Contractor on behalf of Owner)

By signing below I agree:

1. The project activity information and data submitted with the application are true and correct,
2. I am familiar with the Rules and Regulations of the County of El Dorado AQMD that are applicable to my project and will implement them to adequately control fugitive dust,
3. I will contact AQMD at least 48 hours prior to commencing grading activities,
4. I will contact AQMD at least 2 hours prior to commencing blasting activities, and
5. An approved copy of this plan will be provided to all contractors and be available on site at all times.

 Name (print)

 Name (sign)

 Title

 Date

 Address

 Phone Number

FOR AQMD USE ONLY

DATE STAMP

APPLICATION APPROVED

APPLICATION **NOT** APPROVED

APPROVAL DATE: _____

REVIEWER NAME: _____

REVIEWER SIGNATURE: _____

INSPECTION DATE: _____

INSPECTION SIGNATURE: _____

COMMENTS: