# PLACER COUNTY AIR POLLUTION CONTROL DISTRICT DUST CONTROL PLAN INSTRUCTIONS AND APPLICATION

#### Introduction

Placer County Air Pollution Control District (District) Rule 228, Fugitive Dust, addresses fugitive dust generated by construction and grading activities, and by other land use practices including recreational activities.

Fugitive dust is particulate matter discharged into the atmosphere due to a man-made activity or condition. Examples of dust sources that are subject to Rule 228 are excavating and trenching, drilling, boring, earthmoving and grading operations, pavement or masonry cutting operations, brush clearing, travel on unpaved roads within construction sites, and wind-blown dust from uncovered graded areas and storage piles. Private recreational uses that could be affected include horse arenas and dirt motorcycle and ATV tracks.

Good practices to minimize dust generation are required to prevent dust plumes and dust from leaving the property and creating a public nuisance. The minimum dust control requirements of Rule 228 must be met regardless of whether a dust control plan is required.

When a Dust Control Plan (DCP) is required, the failure to submit a plan to the District or to obtain District approval of a plan, or to implement required dust control measures, is punishable by penalties of up to \$25,000 per violation, with each day during any portion of which a violation occurs being a separate offense, when a failure is due to negligence. Higher penalties apply for willful or intentional violations.

#### **Applicability**

Unless exempted from Rule 228 Section 102, Applicability, summarized below, a Dust Control Plan is required for any construction project or construction-related activity where greater than one acre of the site's surface will be disturbed, and where this requirement has been established as a Condition of Approval of a discretionary permit or as a mitigation measure within an environmental document (such as an Environmental Impact Report for example).

The DCP must be submitted to the District for approval prior to the start of earth-disturbing activities. Note that the Dust Control Standards of Rule 228 apply to disturbed surface areas that are less than one acre, even when no Dust Control Plan is required.

### **General Exemptions**

Rule 228 exemptions include the following;

- Agricultural activities for commercial purposes,
- Operations conducted during an emergency or disaster, including by essential service utilities,
- Solid waste landfill operations,
- Operations within State or Federal lands,
- Active operations complying with California Forest Practice Rules,
- Any contractor subsequent to the time the contract ends, provided that such contractor implemented the required control measures during the contractual period,
- Fire hazard abatement operations associated with county, state, or municipal entities or ordinances.
- Fire access roads.
- Unpaved roads unless associated with a development or construction activity,
- Mitigating actions that are in conflict with the Endangered Species Act,
- Emergency maintenance of flood control systems,
- Blasting operations permitted by California Division of Industrial Safety, and.
- Quarrying, surface mining, aggregate, and sand processing operations permitted by the District.

Exemptions may be contingent on specific factors, please consult RULE 228, Section 103. However, regardless of exemption status, when excessive dust results in a nuisance, the District may take enforcement action as necessary to halt actions related to nuisance emissions per Rule 205, Nuisance.

An Authority to Construct/Permit to Operate may also be required if any of the following equipment (including, but not limited to) will be used; engines/portable engines with greater than 50 horsepower, rock crushers, screens, trommels, concrete batch plants and any other equipment related to, or that may cause regulated air pollutants. If any such equipment will be used during the project, list the equipment in box 3.A., Project Information - Description of the Dust Control Plan Application form, and contact the District for a Permit Application at (530) 745-2330.

## **DUST CONTROL PLAN APPLICATION**

Complete and submit the following Dust Control Plan Application pages 1 through 5. This application, once completed, submitted to, and approved by the District, will stand as the applicant's Dust Control Plan. No fees will apply for properly completed applications.

Alternatively, an original Plan may be submitted in lieu of the attached application, but the applicant will be billed for additional review time at the General Time and Materials Rate found in the current **PLACER COUNTY AIR POLLUTION CONTROL DISTRICT FEE SCHEDULE**, TABLE 601 – M.1.



1. FOR DISTRICT USE ONLY						
Fees Due:			Da	ate Received by District		
No Fees Apply for Complete Application						
DISTRICT PLAN APPROVAL						
	Per information contained in the submitted Dust Control Plan documents and					
Application, the Plan is:  ☐ Approved						
☐ Conditionally Approved						
□ Denied						
Comments/Conditions	Comments/Conditions					
			_	_		
☐ ☐ If this box is checke	d, additional comments are con	tinued in block 4	<b>Comments</b> or	n page 2.		
Ciamatona		Data				
Signature		Date				
Placer County Air Pol	lution Control Officer or Designo	ee				
2. CONTRACTOR AND	OWNER INFORMATION	ı				
Contractor Informatio		Owner Infor	mation			
Name		Name				
Address		Address				
Address		Address				
City/State/Zip		City/State/Zip				
Contact		Contact				
Dhana	T	Dhone		To.		
Phone	Fax	Phone		Fax		
E-mail Address		E-mail Address				
3.A. PROJECT DESCR	RIPTION	Assessor	's Parcel Num	ber (APN)		
Project Name		Project N	umber			
Estimated Size of Project (total acres): Disturbed Surface Area (acres):						
Brief Description of Project Including List of Equipment to be used. (For example engines/portable engines rated						
greater than 50 horsepower, rock crushers, screens, trommels, concrete batch plants, etc.) If more space is needed,						
please continue in block <b>4 Comments</b> on page 2.						
	·····					
Start Date		Estimated	d Completion [	Date		

2 D DDO IECT I OCATION	
3.B. PROJECT LOCATION	
Location (Attach sketch/map of work area on pa	rcel, and list nearby cross streets or give detailed directions to project
areas.)	
Address	
autiess	
City/State/Zip	
3.C. DECLARATION - PROJECT NOT	
3.C. DECLARATION - PROJECT NOT	IN A NOA AREA
We declare that the area to be disturbed during	
	fic Rock Unit area "most likely" to contain NOA (naturally occurring
	partment of Conservation, California Geologic Survey) 2006 map
PLACER COUNTY, CALIFORNIA," and	
☐ Does <b>not</b> have naturally occurring asbe	stos, serpentine, or ultramafic rock as determined by the
owner/operator, registered geologist, or	District Air Pollution Control Officer.
Note: If NOA, serpentine or ultramafic rock is di	scovered in the area to be disturbed after the start of any construction
elated activity, an Asbestos Dust Mitigation Pla	n must be submitted to the District within 14 days of the discovery, and
subparagraphs 5.A. through 5.E. of the ADMP (	Guidance must be implemented within 24 hours of the discovery.
4. COMMENTS	
4. COMINICIATS	
Additional Comments	
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5. PROJECT TYPE						
Activity: (At least one selection is required, please check all applicable selections.)						
		Construction		Commercial Property Development		
		Grading		Quarrying		
		Road or Railway Construction		Surface Mining		
		Road Maintenance		Trenching / Utilities Work		
		Housing Development		Other (please describe)		
6. TR	ACK-C	UT PREVENTION				
The fo	llowing	control measure MUST be addressed:				
<ul> <li>Any visible track-out on a paved public road where vehicles enter and exit the work area must be removed at the end of the workday or at least one time per day. Removal shall be accomplished by using wet sweeping or a HEPA filter equipped vacuum device. (Rule 228 Sections 304.1 and 304.2)</li> </ul>						
Other control measures: (At least one selection is required.):						
<ul> <li>□ A gravel pad designed using good engineering practices to clean the tires of exiting vehicles</li> <li>□ A tire shaker</li> <li>□ A wheel wash system</li> <li>□ Pavement extending for not less than fifty (50) consecutive feet from the intersection with the paved public road</li> <li>□ Any other measure(s) as effective as the measures listed above (please describe)</li> </ul>						

## 7A. VISIBLE EMISSIONS

### **Visible Emissions not Allowed Beyond Boundary Line:**

- A person shall not cause or allow the emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area (including disturbance as a result of the raising and/or keeping of animals or by vehicle use), such that the presence of such dust remains visible in the atmosphere beyond the boundary line of the emissions source. (Rule 228 Sections 301 and 401.4)
- When wind speeds are high enough to result in dust emissions crossing the boundary line, despite the
  application of dust control measures, grading and earthmoving operations shall be suspended and inactive
  disturbed surface areas shall be stabilized. (Rule 228 Section 401.6 and 402)

### **Visible Emissions from Active Operations:**

A person shall not cause or allow fugitive dust generated by active operations, an open storage pile, or a
disturbed surface area, such that the fugitive dust is of such opacity as to obscure an observer's view to a
degree equal to or greater than does smoke as dark or darker in shade as that designated as No. 2 on the
Ringelmann Chart (or 40% opacity), as published by the United States Bureau of Mines. (District Rule 228
Sections 302 and 401.4)

7B. VISIBLE EMISSIONS		
Contro	ols for Earthmoving Activities will include: (At least one selection is required.)	
•	Suspending grading operations when wind speeds are high enough to result in dust emissions crossing the property line, despite the application of dust mitigation measures (Rule 228 Section 401.6)  Application of water prior to any land clearing (Rule 228 Section 401.4)  Pre-wetting the ground to the depth of the anticipated cuts  Reduction in earthmoving equipment operational speed  Any other measure(s) as effective as the measures listed above (please describe)	
Contro	ols for Active Storage Piles will include: (At least one selection is required.)	
	Keeping the surface adequately wetted Covering with tarps Treating with a chemical dust suppressant Other (please describe)	
8. TR	AFFIC CONTROL FOR ON-SITE UNPAVED ROADS, PARKING LOTS AND STAGING AS	
The fo	llowing control measure shall be addressed:	
•	A maximum speed limit of 15 miles per hour (mph) unless the road surface and surrounding area is sufficiently stabilized to prevent vehicles and equipment traveling more than 15 mph from emitting dust exceeding Ringelmann 2 or visible emissions from crossing the project boundary line. (Rule 228 Section 401.2) If a local jurisdiction's Ordinance is more restrictive than the above control measure, then the Ordinance must be adhered to. Contact the local jurisdiction so that the more restrictive control measure is met.	
Additio	onal control measures: (At least one selection is required.)	
	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 Apply covering (please describe)  Any other measure(s) as effective as the measures listed above (please describe)	
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9. OF	F-SITE TRANSPORT	
	vner/operator must ensure that no trucks are allowed to transport excavated material off-site unless 228 Sections 401.5 and 401.7):	
•	Vehicles leaving the site are cleaned to prevent dust, silt, mud and dirt from being released or tracked off site Trucks are maintained such that no spillage can occur from holes or other openings in cargo compartments Loads are adequately wetted	
And ei	ther: (At least one selection required.)	
	Covered with tarps Wetted and loaded 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	

## **10. MONITORING**

Sampling (Rule 228 Sections 303 and 501):

Sampling to determine compliance with the particulate concentration limit of Section 303 is required only when
deemed necessary by the Air Pollution Control Officer and requested, with reasonable notice, of the person
discharging emissions, or sampling may be conducted by the District with the costs of sampling borne by the
person discharging emissions. Sampling must be carried out according to Section 501.

### 11. RECORDKEEPING

13. COMMENTS

The owner/operator must ensure that the following District Rule 228 measures are observed:

- Any contractor engaged in any active operation subject to this rule shall maintain records of actions to stabilize surface areas sufficient to establish location, type, and date of treatment. Records shall be maintained and be readily accessible for two (2) years after the date of each entry and shall be provided to the District upon request and shall be open for inspection during unscheduled audits during normal business hours. (Rule 228 Section 503.1)
- Results of any air sampling or air monitoring conducted at the request of the Air Pollution Control Officer shall be maintained for at least two (2) years. (Rule 228 Section 503.2)

## 12. CONSTRUCTION EMISSIONS

The owner/operator must comply with the following if required as a Condition of Approval:

- A comprehensive equipment inventory list compliant with the pertinent Condition of Approval shall be submitted thirty days prior to ground-breaking, and
- The inventory list must be updated beginning thirty days after any initial work has begun, and must be in accordance with the applicable Conditions of Approval.

Additional Comments				
-				
-				
-				
14. RESPONSIBLE PERSON				
By signing this form and under penalty of perjury, I certify that based on information and belief formed after reasonable inquiry, that the information provided is true and accurate, and that all Dust Control Plan requirements outlined in this document and Rule 228, Fugitive Dust, will be met.				
Signatu	re of Company's			
Respon	sible Person	Date		
Name a	nd Title (Printed)	Phone Number		
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