



Maricopa County
Air Quality Department

Dust Control Plan

RESERVED FOR CONTROL OFFICER

Reviewed By

Rev #

RULE 316 DUST CONTROL PLAN

Is this a modification to a currently approved Dust Control Plan YES or NO

If Yes, please indicate pages on which changes occur:

Date of Request:

Permit Number:

Is this a Portable Permit YES or NO

Permit Holder:

Facility Location:

Submission of this plan indicates that all information is truthful, accurate, and complete.

Requested by: (Print)

(Signature)

Special Instructions:

Equipment change may require a permit modification.

Mail : 1001 N. Central Ave, Ste 400, Phoenix, AZ 85004

Fax: 602-506-0586 **Email** AQPlans@mail.maricopa.gov

Table of Contents

RULE 316 DUST CONTROL PLAN..... 1

Section 1 – Applicant Information 3

1(a) Applicant Information:..... 3

1(b) Person responsible for submitting the Dust Control Plan:..... 3

1(c) Name(s) of person(s) responsible for the implementation of the Dust Control Plan..... 3

1(d) Fugitive Dust Control Technician: (§309)..... 4

1(e) Indicate Soil Designations From Appendix F in Maricopa County Air Pollution Control Regulations or Attach A Copy of The Site Geotechnical Report:..... 4

Section 2 - Dust Control Plan..... 5

2(a) Prior to, and/or while conducting loading and unloading operations: (§307.1a)..... 5

2(b) Not conducting stacking, loading, and/or unloading operations: (§307.1b)..... 5

2(c) New open storage pile(s): (§307.1c)..... 6

2(d) Existing open storage piles: (307.1d)..... 6

2(e) Surface Stabilization Where Support Equipment and Vehicles Operate: (307.2)..... 7

2(f.1) Haul/Access Roads That Are Not in Permanent Areas of a Facility: (§307.3a)..... 7

2(f.2) New facility: (§307.3b)..... 7

2(g) On-Site Traffic: (§307.4) 8

2(h) Off-Site Traffic: (§307.4)..... 8

2(i) Track out control device: (307.6)..... 9

2(j) Wheel wash exemption: (§307.6c) 10

2(k) Cleaning Trackout: (§307.6d)..... 10

2(l) Cleaning Paved Roads: (§307.6e)..... 11

2(m) Pad Construction: (§307.7) 11

2(n) Spillage: (§307.8)..... 12

2(o) Night-Time Operations: (§307.9) 12

2(p) Crushing and/ or Screening: (§301)..... 13

2(q) Asphaltic Concrete Plants: (§302) 13

2(r) Raw Material Storage/Distribution, Concrete Plants, Bagging Operations Equipment: (§303) 14

2(s) Weed Abatement: (R310 §305.8) 14

2(t) Blasting: (R310 §305.9)) 15

2(u) Demolition: (R310 §305.10)..... 15

2(v) Soil Moisture Testing: (§502)..... 15

2(w) Alternative Soil Sampling Methods:..... 16

2(x) Dust Suppressant:..... 18

2(y) Map: 19

Section 1 – Applicant Information

1(a) Applicant Information:

Non-Title V Permit Number	
Applicant Name	
Mailing Address	
Site Location	
Submittal Date	

1(b) Person responsible for submitting the Dust Control Plan:

Name	
Position	
Address	
Phone numbers	Office:
	Cell:
	Fax:

1(c) Name(s) of person(s) responsible for the implementation of the Dust Control Plan

Site Contact (e.g. Site Superintendent)	
Position/Title	
Phone numbers	Office:
	Cell:
	Fax:

List names of all Certified Dust Control Technicians at the Facility (see item 1(d) for requirements)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

1(d) Fugitive Dust Control Technician: (§309)

Required for facilities with a rated or permitted capacity of 25 tons or more of material per hour, or with five acres or more of disturbed surface:

Initial to Indicate Requirement Met	Qualifications
	Be authorized by the owner and/or operator of the facility to have full authority to ensure that fugitive dust control measures are implemented on-site and to conduct routine inspections, recordkeeping, and reporting
	Be trained in accordance with the Comprehensive Dust Control Training Class and have a valid dust training certification identification card readily accessible on-site while acting as a Fugitive Dust Control Technician
	Be authorized to install, maintain, and use fugitive dust control measures, deploy resources, and shutdown or modify activities as needed
	Be on-site at all times during primary dust generating operations related to the purposes for which the permit was obtained
	Be certified to determine visible emissions in accordance with the provisions of the EPA Method 9 as specified in 40 CFR, Part 60, Appendix A
	Ensure that the site superintendent or on-site representative, and water truck and water pull drivers have attended appropriate Dust Control Training class

1(e) Indicate Soil Designations From Appendix F in Maricopa County Air Pollution Control Regulations or Attach A Copy of The Site Geotechnical Report:

If the soil on the work site has been tested, then you should rely on the test results to complete the table and attach a copy of the site soil report (boring logs) to this application. If the soil on the work site has not been tested, then use Appendix F in the Maricopa County Air Pollution Control Regulations to complete the table below.

Soil Texture Naturally Present on Work Site	Soil Texture to be Imported onto Work Site

Section 2 - Dust Control Plan

This plan is to be used for the site to indicate which fugitive dust control measures (or combination thereof) are to be applied to all actual and potential fugitive dust sources; before, during, and after any dust generating operations. Fugitive dust control measures shall be implemented to comply with Rule 316 and Rule 310 emissions limitation standards. **If revisions to an approved dust control plan are needed please resubmit the full dust control plan, with changed pages specified on the cover page.**

SECTION 2 INSTRUCTIONS: Check P if a Primary Control Measure and C if a Contingency Control Measure. A Primary **AND** a Contingency Control measure must be checked unless otherwise indicated. If the Primary Control Measure is water application, the Contingency cannot be water application. **If Control Measures do not apply, explain why.** Note: Ceasing operations does not relieve obligation to comply with control measures or defend failure to apply them.

2(a) Prior to, and/or while conducting loading and unloading operations: (§307.1a)

Indicate at least one Primary and one Contingency Measures

<input type="checkbox"/> P <input type="checkbox"/> C	Spray material with water, as necessary
<input type="checkbox"/> P <input type="checkbox"/> C	Spray material with a dust suppressant other than water, as necessary (List supplements at end of plan)
<input checked="" type="checkbox"/> P <input type="checkbox"/> C	Cease operations until emission and stability standards are met.
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)

or, explain why this control measure is not applicable _____

2(b) When not conducting stacking, loading, and/or unloading operations: (§307.1b)

Indicate at least one Primary and one Contingency Measures

<input type="checkbox"/> P <input type="checkbox"/> C	Spray material with water, as necessary
<input type="checkbox"/> P <input type="checkbox"/> C	Maintain a 1.5% or more soil moisture content of the open storage pile(s)
<input type="checkbox"/> P <input type="checkbox"/> C	Locate open storage pile(s) in a pit/in the bottom of a pit
<input type="checkbox"/> P <input type="checkbox"/> C	Arrange open storage pile(s) such that storage pile(s) of larger diameter products are on the perimeter
<input type="checkbox"/> P <input type="checkbox"/> C	Construct and maintain wind barriers, storage silos, or a three-sided enclosure
<input type="checkbox"/> P <input type="checkbox"/> C	Cover open storage piles with tarps, plastic, or other material
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures will be taken so that the standards are met (Must be approved by Control Officer)

or, explain why this control measure is not applicable _____

2(c) When installing new open storage pile(s): (§307.1c)

<input type="checkbox"/> P (Required)	Install the open storage pile(s) at least 25 feet from the property line
<input type="checkbox"/> P (Required)	Limit the height of the open storage pile(s) to less than 45 feet
<input type="checkbox"/> N/A	Other (not listed) measures taken so that the standards in Rule 316 and 310 are met (Must be approved by Control Officer)
Explain why this control measure is not applicable or feasible. _____ _____	

2(d) Existing open storage pile(s) and when installing open storage pile(s) over eight feet high that will not be covered: (307.1d)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P <input type="checkbox"/> C	Install, use, and maintain a water truck
<input type="checkbox"/> P <input type="checkbox"/> C	Other method that is capable of completely wetting the surfaces of open storage pile(s) (indicate below) _____ <input type="checkbox"/> Sprinkler <input type="checkbox"/> Irrigation <input type="checkbox"/> Other _____
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)
or, explain why this control measure is not applicable. _____ _____	

2(e) Surface Stabilization Where Support Equipment and Vehicles Operate: (Does not include permanent or non permanent roadways): (307.2)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P <input type="checkbox"/> C	Apply and maintain water
<input type="checkbox"/> P <input type="checkbox"/> C	Apply and maintain a dust suppressant, other than water (List suppressants at end of plan)
<input type="checkbox"/> P <input type="checkbox"/> C	Apply a gravel pad
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)_____
or, explain why this control measure is not applicable. _____	

If the facility meets the definition of a new facility please fill out 2(f.1) & 2(f.2)

2(f.1) Haul/Access Roads That Are Not in Permanent Areas of a Facility: (§307.3a)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P <input type="checkbox"/> C	Install and maintain bumps, humps, or dips for speed control and apply water
<input type="checkbox"/> P <input type="checkbox"/> C	Limit vehicle speeds and apply water
<input type="checkbox"/> P <input type="checkbox"/> C	Pave
<input type="checkbox"/> P <input type="checkbox"/> C	Apply and maintain a gravel pad
<input type="checkbox"/> P <input type="checkbox"/> C	Apply a dust suppressant, other than water
<input type="checkbox"/> P <input type="checkbox"/> C	Install and maintain a cohesive hard surface

2(f.2) If the site meets the definition of a new facility: (§307.3b)

<input type="checkbox"/> Yes <input type="checkbox"/> No	If implementing one of the fugitive dust control measures described above is determined to be technically infeasible as obtained/approved in writing by the Control Officer and the Administrator of the Environmental Protection Agency (EPA) then all haul/access roads associated with the facility shall maintain a minimum distance of 25 feet from the property line. (Attach approval letter from the Control Officer and Administrator)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)_____
or, explain why this control measure is not applicable or feasible. _____	

2(g) On-Site Traffic: (§307.4)

Indicate Primary and Contingency Measures	
<input type="checkbox"/> P (Required)	Batch and material delivery trucks remain on internal roads with paved surfaces or cohesive hard surfaces in the permanent areas of the facility/operation
<input type="checkbox"/> P (Required)	Aggregate trucks remain on paved surfaces or cohesive hard surfaces
<input type="checkbox"/> P (Required)	All batch trucks and material delivery trucks exit the facility/operation through exits with approved TOCD
<input type="checkbox"/> P (Required)	Pave or install a cohesive hard surface on permanent areas of a facility on which vehicles drive
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Cease Operations until Emission and Stability Standards are met.
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)
<p>or, explain why this control measure is not applicable.</p> <p>_____</p>	

2(h) Off-Site Traffic: (§307.4)

Indicate Primary and Contingency Measures	
<input type="checkbox"/> P (Required)	Load all haul trucks such that the freeboard is not less than three inches
<input type="checkbox"/> P (Required)	Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment's floor, sides, and/or tailgate(s)
<input type="checkbox"/> P (Required)	Cover haul trucks with a tarp or other suitable closure
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Cease Operations until Emission and Stability Standards are met
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)
<p>or, explain why this control measure is not applicable.</p> <p>_____</p>	

2(i) Track out control device: (307.6)

Indicate at least one Primary and one Contingency Measures

<input type="checkbox"/> P <input type="checkbox"/> C	Install and maintain (> 60 trucks) Check one item in each column.(§307.6a)							
	<input checked="" type="checkbox"/>	EXIT	AND	<input checked="" type="checkbox"/>	WASH DEVICE	AND	<input checked="" type="checkbox"/>	SHAKE DEVICE
	<input type="checkbox"/>	Pave		<input type="checkbox"/>	Wheel Washer		<input type="checkbox"/>	Rumble Grate
	<input type="checkbox"/>	Stabilized Gravel Pad ¹		<input type="checkbox"/>	Vehicle Wash			
				<input type="checkbox"/>	Cosmetic Wash			
		<input type="checkbox"/>		Wheel Wash Exemption ²				

¹ Facilities claiming exemption 307.6c(2) only, complete section 2(j)

² Facilities claiming Wheel Washer Exemption only, complete section 2(j)

<input type="checkbox"/> P <input type="checkbox"/> C	Install and maintain (< 60 trucks) Check each column.(§307.6b)				
	<input checked="" type="checkbox"/>	EXIT	AND	<input checked="" type="checkbox"/>	DEVICE
	<input type="checkbox"/>	Pave		<input type="checkbox"/>	Rumble Grate
	<input type="checkbox"/>	Stabilized Gravel Pad		<input type="checkbox"/>	Wheel Washer
<input type="checkbox"/>		<input type="checkbox"/>		Truck Washer	

C Cease Operations until Track Out Standards (§307.6d) are met

P C Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)

or, explain why this control measure is not applicable. _____

2(j) Indicate which wheel wash exemption below: (§307.6c) (Check only one)

<input type="checkbox"/> N/A	Not claiming a wheel wash exemption
<input type="checkbox"/> Yes	A facility has all paved internal roads and meters aggregate or related materials directly to a ready-mix or hot mix asphalt truck.
<input type="checkbox"/> Yes	A facility is less than five acres in land size and handles recycled asphalt and recycled concrete exclusively.
<input type="checkbox"/> Yes	A facility has a minimum of ¼ mile paved internal roads leading from a rumble grate to the facility exits 1
<input type="checkbox"/> Yes	A facility meets the definition of infrequent operations, as defined in Rule 316 Section 230.

2(k) Cleaning Trackout: (§307.6d)

Indicate required control measures	
<input type="checkbox"/> P (Required)	Clean trackout immediately when it extends 25 feet or more
<input type="checkbox"/> P (Required)	Clean all trackout at the end of the workday
Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P <input type="checkbox"/> C	Manually Sweep
<input type="checkbox"/> P <input type="checkbox"/> C	Street Sweeper
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)
<p>or, explain why this control measure is not applicable.</p> <hr/>	

2(l) Cleaning Paved Roads: (§307.6e)

Indicate at least one Primary	
<input type="checkbox"/> P	<p>Facilities with a minimum 60 trucks:</p> <p>Sweep the paved roads with a street sweeper by the end of each production work shift, if there is 12 or more feet of bulk material present.</p> <p>[§307.6 e.(1)]</p>
<input type="checkbox"/> P	<p>Facilities with less than 60 trucks:</p> <p>Sweep the paved roads with a street sweeper by the end of every other work day.</p> <p>[§307.6 e. (2)]</p>
<input type="checkbox"/> P	<p>Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)</p>
<p>or, explain why this control measure is not applicable.</p> <hr/> <hr/>	

2(m) Pad Construction: (§307.7)

Indicate Primary and Contingency Measures	
<input type="checkbox"/> P (Required)	<p>Maintain, and use fugitive dust control measures during the construction of pads for processing equipment.</p>
<input checked="" type="checkbox"/> P <input type="checkbox"/> C	<p>Cease Operations until Emission and Stability Standards are met.</p>
<input type="checkbox"/> P <input type="checkbox"/> C	<p>Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)</p>
<p>or, explain why this control measure is not applicable.</p> <hr/> <hr/>	

2(n) Spillage: (§307.8)

Indicate Primary control measure	
<input type="checkbox"/> P (Required)	Maintain in a stabilized condition all piles of spillage until removal.
Indicate a Primary and a Contingency control measure	
<input type="checkbox"/> P <input type="checkbox"/> C	Maintain in a stabilized condition any pile of spillage on paved haul/access roads or other paved roads and remove such pile by the end of each day
<input type="checkbox"/> P <input type="checkbox"/> C	Promptly remove any pile of spillage on paved haul/access roads/paved roads
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)
or, explain why this control measure is not applicable. _____	

2(o) Night-Time Operations: (§307.9)

Indicate all that apply	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Does this facility operate at night?
If No go to 2(p). If Yes please fill out below.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is there addition attachments for Night time Operations (Attach Night-Time Supplemental to Dust Control Plan if different from daylight operations)
<input type="checkbox"/> P <input type="checkbox"/> C	Additional Measures _____ _____ _____
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)

2(p) Crushing and/ or Screening: (§301)

<input type="checkbox"/> Yes <input type="checkbox"/> No	Are Crushing and/ or Screening Operations associated with this permit?
If No, continue to 2(q). If yes, continue below	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Does the crushing and/or screening operation have a wet plant?
Indicate Primary and Contingency control measures	
<input type="checkbox"/> P (Required)	Enclose sides of all shaker screens.
<input type="checkbox"/> P (Required)	Permanently mount watering systems on the points listed below: (1) Inlet and outlet of all crushers; (2) Outlet of all shaker screens; and (3) Outlet of all material transfer points, excluding wet plants.
<input type="checkbox"/> P (Required)	Operate watering systems to continuously maintain 4% minimum moisture content (excluding wet plants).
<input type="checkbox"/> P <input type="checkbox"/> C	Enclose and exhaust the regulated process to a properly sized fabric filter baghouse.
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)

2(q) Asphaltic Concrete Plants: (§302)

<input type="checkbox"/> Yes <input type="checkbox"/> No	Are Asphaltic Concrete Operations associated with this permit?
If No, continue to 2(r). If Yes, continue below.	
<input type="checkbox"/> P (Required)	Control and vent exhaust to a properly sized fabric filter baghouse.
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Cease Operations until Emission and Stability Standards are met.
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer) _____ _____

2(r) Raw Material Storage/Distribution, Concrete Plants, Bagging Operations Equipment: (§303)

<input type="checkbox"/> Yes <input type="checkbox"/> No	Are Raw Material Storage and Distribution, Concrete Plants, and/ or Bagging Operations associated with this permit?												
If No, continue to 2(s). If Yes, continue below													
Check all that apply													
<input type="checkbox"/> Yes <input type="checkbox"/> No	Install an operational overflow warning system/device.												
<input type="checkbox"/> Yes <input type="checkbox"/> No	Install a properly sized fabric filter baghouse or equivalent device designed to meet a maximum outlet grain loading of 0.01 gr/dscf.												
<input type="checkbox"/> Yes <input type="checkbox"/> No	On dry mix concrete plant loading stations/truck mixed product, implement one of the following process controls: [Check one or more]												
	<table border="1"> <thead> <tr> <th style="text-align: center;">√</th> <th style="text-align: center;">Control</th> </tr> </thead> <tbody> <tr> <td></td> <td>Install a rubber fill tube;</td> </tr> <tr> <td></td> <td>Install a water spray</td> </tr> <tr> <td></td> <td>Baghouse or delivery system</td> </tr> <tr> <td></td> <td>Enclose mixer loading stations</td> </tr> <tr> <td></td> <td>Conduct mixer loading stations in an enclosed process building</td> </tr> </tbody> </table>	√	Control		Install a rubber fill tube;		Install a water spray		Baghouse or delivery system		Enclose mixer loading stations		Conduct mixer loading stations in an enclosed process building
√	Control												
	Install a rubber fill tube;												
	Install a water spray												
	Baghouse or delivery system												
	Enclose mixer loading stations												
	Conduct mixer loading stations in an enclosed process building												
<input type="checkbox"/> Yes <input type="checkbox"/> No	On cement silo filling processing/loading operations controls, install a pressure control system designed to shut-off cement silo filling processes/loading operations.												
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer)												

2(s) Weed Abatement: (R310 §305.8)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P (Required)	Pre-water site
<input type="checkbox"/> P (Required)	Water in combination with dust suppressant(s) before and during operation
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Limit vehicle speed to 15 m.p.h. during discing and blading operations
<input checked="" type="checkbox"/> <input type="checkbox"/> C	Cease operations
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer) _____
or, explain why this control measure is not applicable. _____ _____	

2(t) Blasting: (R310 §305.9)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P (Required)	Discontinue if wind gusts above 25 m.p.h.
<input type="checkbox"/> P <input type="checkbox"/> C	Apply water
<input type="checkbox"/> P <input type="checkbox"/> C	Apply water in combination with dust suppressant(s)
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer) _____
or, explain why this control measure is not applicable. _____ _____	

2(u) Demolition (owner operator responsible for any NESHAP requirements) (R310 §305.10)

Indicate at least one Primary and one Contingency Measures	
<input type="checkbox"/> P (Required)	Apply dust suppressant(s) to demolition debris immediately following demolition activity
<input type="checkbox"/> P (Required)	Apply dust suppressant(s) to all surrounding areas and to all disturbed soil surfaces immediately following demolition activity
<input type="checkbox"/> P (Required)	Clean and stabilize debris from all surfaces following demolition activity
<input type="checkbox"/> P <input type="checkbox"/> C	Other (not listed) measures taken so that the standards are met (Must be approved by Control Officer) _____
or, explain why this control measure is not applicable. _____ _____	

2(v) Soil Moisture Testing: (§502)

This basic moisture testing protocol may be revised through the submittal and approval of alternative demonstrations or justifications. **Note: The results of all moisture tests must be recorded to the nearest tenth of a percent.**

<input type="checkbox"/> Yes <input type="checkbox"/> No	Does the facility conduct crushing and/or screening operations containing 0.25 minus material?
If No, continue to 2(x), If Yes, continue below.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the crusher and/or screen plant equipped with an emissions control system (excluding wet spray bars)?
If No continue below, If Yes continue to 2(x).	
Please check which method the facility is using for soil moisture testing	
<input type="checkbox"/> ASTM C 566-97 (2004)	<input type="checkbox"/> Speedy Moisture Meter

2(v.a)	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Does this facility require a certified Dust Technician (If No continue to 2(v.2b). If yes, continue below and skip 2(v.2b).)
<input type="checkbox"/> Yes	Twice daily moisture sampling will be conducted within one hour of startup and again at 3 pm, within one hour prior to daily shutdown, or no less frequently than once every 8-hour period.
2(v.2b)	
<input type="checkbox"/> Yes	Sampling shall be conducted within one hour after startup

2(v.3) Please attach the following:

- A. Process diagram identifying progression of material containing 1/4 minus product through the process:
 1. Identify all screen outlets and corresponding sampling points of material containing 1/4 minus product
 2. Identify all crusher outlets and corresponding sampling points of material containing 1/4 minus product
 3. Identify all stacker points and corresponding sampling points of material containing 1/4 minus product
- B. Provide an explanation or justification for each sampling point that a sample cannot be taken from.

2(w) Alternative Soil Sampling Methods:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the facility requesting an alternative sampling method?
If No, continue to 2(x). If Yes, continue below.	
If the facility is requesting to reduce sampling points fill out 2(w.1)	
If the facility is requesting to use the Speedy Moisture Meter fill out 2(w.2)	
20 soil sample results from all sampling points containing 1/4 minus product	
Sampling results from the primary crusher showing an operation consistency of greater than 5.0%	
Sampling results from all other sampling points showing operations consistency of greater than 4.0%	

2 (w.1) Reduction in sampling points:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the facility requesting to reduce the number of sampling points?
If No, continue to 2(w.2). If Yes, continue below.	
Please indicate if requirement has been met, and attach required documents.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Written request to the Control Officer for approval
<input type="checkbox"/> Yes <input type="checkbox"/> No	20 soil sample results from all sampling points containing 1/4 minus product
<input type="checkbox"/> Yes <input type="checkbox"/> No	Sampling results from the primary crusher showing an operation consistency of greater than 5.0%
<input type="checkbox"/> Yes <input type="checkbox"/> No	Sampling results from all other sampling points showing operations consistency of greater than 4.0%

2 (w.2) Speedy Moisture Meter:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the facility requesting to use the Speedy Moisture Meter?
If No, continue to 2(v.6). If Yes, continue below.	
Please indicate if requirement has been met, and attach required documents.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Description of product. (product specification sheets)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Correlated results from both the ASTM C 566-97 (2004) and Speedy Moisture Meter for 20 samples
<input type="checkbox"/> Yes <input type="checkbox"/> No	Description of the calibration process
<input type="checkbox"/> Yes <input type="checkbox"/> No	Agreement to calibrate the Speedy Moisture Meter on a bi-weekly basis
<input type="checkbox"/> Yes <input type="checkbox"/> No	Identification of at least 3 sampling points per process line used for calibration. (3 at each: beginning, middle, and end of process)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Agreement to revert back to ASTM C 566-97(2004) if Speedy Moisture Meter results do not correlate with ASTM C 566-97(2004).

2 (w.3) Alternative Minimum Moisture Content:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the facility requesting an alternative to the 4% minimum moisture content
If No, continue to 2(s.7). If Yes, continue below.	
Please indicate if requirement has been met, and attach required documents.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Explanation of technical infeasibility limitations (include any necessary documents)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Correlated results from both the ASTM C 566-97 (2004) and Speedy Moisture Meter for 20 samples
<input type="checkbox"/> Yes <input type="checkbox"/> No	Description of the calibration process
<input type="checkbox"/> Yes <input type="checkbox"/> No	Agreement to calibrate the Speedy Moisture Meter on a bi-weekly basis
<input type="checkbox"/> Yes <input type="checkbox"/> No	Identification of at least 3 sampling points per process line used for calibration. (3 at each: beginning, middle, and end of process)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Agreement to revert back to ASTM C 566-97(2004) if Speedy Moisture Meter results do not correlate with ASTM C 566-97(2004).

2 (w.4) Reduction in sampling points for alternative minimum moisture content:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the facility requesting to reduce the number of sampling points and using an alternative to the 4% minimum moisture?
If No, continue to 2(s.8). If Yes, continue below.	
Please indicate if requirement has been met, and attach required documents.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Identify requested sampling frequency (time and day of week)
<input type="checkbox"/> Yes <input type="checkbox"/> No	4 weeks of sampling results from all sampling points with ¼ minus product
<input type="checkbox"/> Yes <input type="checkbox"/> No	Sampling results from the primary crusher showing an operation consistency that are greater than the approved alternative moisture content plus 1.0%.
<input type="checkbox"/> Yes <input type="checkbox"/> No	Sampling results from all other sampling points showing operations consistency of greater than the approved alternative minimum moisture content.

2 (w.5) Alternative Moisture testing equipment or method:

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the permit requesting an alternative to testing using ASTM C 566-97(2004) or the Speedy Moisture Meter
If No, continue to 2(t). If Yes, continue below.	
Please indicate if requirement has been met, and attach required documents.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Description of product. (product specification sheets)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Analysis of the correlation between results from ASTM C 566-97(2004) and alternative testing equipment
<input type="checkbox"/> Yes <input type="checkbox"/> No	QA/QC for the alternative equipment. (calibration frequency, system failure contingency)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Limitations of the alternative testing equipment

2(x) Dust Suppressant:

Must attach product specification information

Products to be applied**		Method, frequency, and intensity of application	
Application equipment			
Type	Quantity	Capacity	Serial Number

2(y) Map:

A Dust Control Plan will not be approved unless a drawing is submitted. Attach a separate (8 ½" x 11") page with a drawing showing all of the following elements.

- Property boundaries and project site boundaries with linear dimensions
- Nearest public cross roads with streets names
- Identify staging areas, areas for stockpiles, haul roads, access roads, storage and parking areas, and permanent areas of site.
- Identify paved areas and cohesive hard surfaces.
- Exit locations, with type of track out control equipment and dimensions
- North arrow
- Acres to be disturbed