

## South Coast Air Quality Management District

(Adopted January 7, 2005)(Amended September 8, 2006)  
(Preliminary Draft Rule Language – Version June 18, 2026)

### PROPOSED AMENDED RULE 1157. PM10 EMISSION REDUCTIONS FROM AGGREGATE AND RELATED OPERATIONS

(a) Purpose.

The purpose of this rule is to reduce PM10 emissions from Aaggregate and Rrelated Ooperations.

(b) Applicability

This rule applies to all pPermanent and Temporary Aaggregate and Rrelated Ooperations, unless otherwise exempt under subdivision (ih).

(c) Definitions

- (1) AGGREGATE OPERATIONS are defined as operations that produce sand, gravel, crushed stone, and/or quarried rocks.
- (2) AGGREGATE OR RELATED MATERIAL means material that is produced and/or used by the Aaggregate and Rrelated Ooperations.
- (3) AGGREGATE TRUCKS mean trucks with open tops, used to transport the products of the Aaggregate and Rrelated Ooperations to other processors, retailers, or end users.
- (4) BLASTING OPERATIONS are defined as operations that break or displace rock by means of explosives.
- (5) BUNKER is defined as a three-sided enclosure of which one side may be a windscreen with a maximum porosity of 20%.
- (6) CARRY-BACK is defined as materials that fall off the underside of the Conveyor belt and accumulate on the ground.
- (7) CHEMICAL STABILIZERS ~~are~~ means any non-toxic chemical Dust Suppressant which meets all applicable. ~~The chemical stabilizers shall meet any specifications, criteria, and/or tests required by any federal, state, or local water agency.~~
- (8) CONVEYOR means an above-ground, outdoor Conveyor system to move materials from any location, process, or equipment to another in a continuous fashion.

- (9) CONSTRUCTION AND DEMOLITION DEBRIS TRANSFER STATION means a facility/operation that handles, separates, and stores inert construction and demolition debris, such as concrete, fully cured asphalt, brick, slag, ceramics, plaster, clay and clay products. Inert landfills or facilities/operations that crush received materials are not Construction And Demolition Debris Transfer Stations.
- (109) DISTURBED SURFACE AREA means a portion of a surface which has been physically moved, uncovered, destabilized, or otherwise modified from its undisturbed natural soil condition, thereby increasing the potential for emission of Ffugitive Ddust. This definition excludes those areas which have:
- (A) been restored to a natural state, such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby natural conditions;
  - (B) been paved or otherwise completely covered by a permanent structure; or
  - (C) sustained a vegetative ground cover of at least 70 percent of the native cover for a particular area for at least 30 days.
- (114) DUST SUPPRESSANTS ~~are~~ means water, hygroscopic materials, and/or chemical stabilizers used as a treatment material to reduce Ffugitive Ddust emissions.
- (124) ENCLOSED SCREENING EQUIPMENT means screening equipment where
- 1) the top portion of the equipment is enclosed, except for the area where materials enter the screening equipment.
- (134) END OF WORK DAY means the end of a working period that may include
- 2) one or more work shifts, but no later than 8 p.m.
- (144) EQUIPMENT BREAKDOWN means an unforeseeable impairment of an air pollution control equipment or related operating equipment which causes a violation of any emission limitation or restriction prescribed by this rule or by State law and which: is not the result of neglect or disregard of any air pollution control law, rule, or regulation; is not a recurrent breakdown of the same equipment; and, does not constitute a nuisance as defined in ~~the State of California~~ California Health and Safety Code, Section 41700, with the burden of proving the criteria of this section placed upon the person seeking to come under the provisions of this rule.

- ~~(151)~~ EXISTING FACILITY/OPERATION means a facility or an operation that has  
4) begun to operate, or has an application for Permit to Construct that has been deemed complete by the Executive Officer on or before December 3, 2004.
- (15) FRONT-END LOADER means a wheeled or tractor loader, with a bucket or fork hinged to lifting arms that loads or digs entirely at the front end.
- (16) FUGITIVE DUST means any solid particulate matter that becomes airborne, other than that emitted from an exhaust stack, directly or indirectly as a result of the activities of any person.
- (17) GEOTEXTILE means permeable textile, including but not limited to, mesh, net, or even grid that is used in contact with soil or rocks with the purpose of adding stability to the gravel pad.
- (18) HAUL ROAD means an Un~~u~~paved Road that is used by Hhaul Trucks to carry materials from the quarry to different locations within the facility.
- (19) HAUL TRUCK means a diesel heavy-duty truck having a minimum capacity of 50 tons and is used to transport aggregates within the facility.
- (20) HIGH WINDS means instantaneous wind speeds exceed 25 miles per hour.
- (21) INFREQUENT MINING OPERATIONS mean operations that have state mine IDs, approved reclamation plans and bonding as required by State Mining and Reclamation Act of 1975, and only operate on an average of 52 days per year over the past three years ~~from December 3, 2004.~~
- (22) INTERNAL ROADS mean private Ppaved and Un~~u~~paved Roads within the facility's property boundary.
- (23) LOADING means an activity to move materials from any location to a truck.
- (24) MATERIAL SPILLAGE means material inadvertently lost or scattered by spilling.
- (25) MIXER TRUCK means truck that mixes cement and other ingredients in a drum to produce concrete.
- ~~(26)~~ NEW FACILITY/OPERATION means a facility or an operation that has not begun to operate, or does not have an application for Permit to Construct that has been deemed complete by the Executive Officer as of December 3, 2004.
- ~~(262)~~ NON-POROUS WALLS are walls that have zero percent porosity. ~~-Non-~~  
7) Pporous Wwalls include, but are not limited to, concrete and steel walls.

- (~~272~~) OPEN STORAGE PILE is any accumulation of ~~A~~aggregate or ~~R~~related  
8) ~~M~~material which is not fully enclosed, covered or chemically stabilized, and which attains a height of three feet or more and a total surface area of 150 or more square feet.
- (~~282~~) OTHER DUST CONTROL METHODS ~~including~~ include, but are not limited  
9) to, baghouses, filter bags, enclosures, and partial enclosures.
- (~~293~~) PAVED ROAD means a public or private improved street, highway, alley,  
θ) public way, or easement that is covered by Typical ~~R~~roadway ~~M~~materials, but excluding access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public ~~P~~paved ~~R~~oads are those open to public access and that are owned by any federal, state, county, municipal or any other governmental or quasi-governmental agencies. Private ~~P~~paved ~~R~~oads are any ~~P~~paved ~~R~~oads not defined as public.
- (~~303~~) PERMANENT FACILITY/OPERATION means a facility or an operation that  
4) is performed at one physical location for more than two years.
- (~~313~~) PM10 means particulate matter with an aerodynamic diameter smaller than or  
2) equal to 10 microns as measured by the applicable State and Federal reference test methods.
- (~~323~~) PRODUCTION WORK SHIFT is an ~~eight hour~~ eight-hour operating period  
3) based on the 24 hour operating schedule.
- (~~333~~) RELATED OPERATIONS are defined as operations that use sand, gravel,  
4) cement, crushed stone, and/or quarried rocks in their products, or crush miscellaneous base, ~~and~~ inert landfills that handle construction ~~and~~ demolition debris, and Construction and Demolition Debris Transfer Stations.
- (~~343~~) RETURNED PRODUCTS mean left over concrete or asphalt products that  
5) were not used at the job sites and were brought back to the facility.
- (~~353~~) RUMBLE GRATE is a system where the vehicle is vibrated while traveling  
6) over grates with the purpose of removing dust and other debris.
- (~~363~~) SCALPING SCREEN means a screen where debris and oversized materials  
7) are rejected.
- (~~373~~) SENSITIVE RECEPTOR is a school (kindergarten through grade 12),  
8) licensed daycare center, hospital, or convalescent home.
- (~~383~~) SILO means an elevated storage container, with or without a top, that releases  
9) material through the bottom.

- (394) STABILIZED SURFACE means any previously Disturbed Surface Area  
(4) or Open Storage Pile which, through the application of Dust  
Suppressants, shows visual or other evidence of surface crusting and is  
resistant to wind-driven Fugitive Dust and is demonstrated to be stabilized.  
Stabilization can be demonstrated by one or more of the applicable test  
methods contained in the Rule 403 Implementation Handbook.
- (404) STAGING AREA is a place where aggregate and Mixer Trucks temporarily  
(1) queue for their Loading or Unloading turn.
- (414) TEMPORARY FACILITY/OPERATION means a facility that operates or an  
(2) operation that is performed at one physical location for two years or less.  
Temporary Facility/Operation includes portable facility or /operation.
- (424) TRACK-OUT means any material that adheres to and agglomerates on the  
(3) exterior surface of motor vehicles, Haul Trucks, and/or equipment  
(including tires) that has been released onto a Paved Road and can be  
removed by a vacuum sweeper or a broom sweeper under normal operating  
conditions.
- (434) TRANSFER means an activity to move materials from any location to any  
(4) location within a facility.
- (444) TRANSFER POINT is a point in a conveying system where the materials are  
(5) dropped onto a stockpile, equipment, or another Conveyor, or where a  
Conveyor belt enters or exits the processing equipment.
- (454) TRUCK TRIMMING AREA means an area where trucks that are exiting a  
(6) Permanent or Temporary Facility/Operation are inspected to determine  
whether the amount and type of loaded material is correct. Any excess  
material is removed in this area of the Permanent or Temporary  
Facility/Operation.
- (464) TRUCK WASHER means a system that is used to wash the entire surface and  
(7) the tires of a truck.
- (474) TUNNEL FEED is underground belt Conveyor system to move the materials  
(8) from any location to any location within a facility in a continuous fashion.
- (484) TYPICAL ROADWAY MATERIALS means concrete, asphaltic concrete,  
(9) recycled asphalt, asphalt, or any other material of equivalent performance as  
determined by the Executive Officer and the U.S. Environmental Protection  
Agency.

- (495) UNLOADING means an activity to release the materials from a truck or a  
θ) ~~F~~front-~~E~~nd ~~L~~oader to any location located inside the facility.
- (505) UNPAVED ROADS mean any roads, equipment paths, or travel ways that are  
4) not covered by ~~T~~ypical ~~R~~oadway ~~M~~aterials. Public ~~U~~n~~p~~aved ~~R~~oads are any unpaved roadway owned by Federal, State, county, municipal or other governmental or quasi-governmental agencies. -Private ~~U~~n~~p~~aved ~~R~~oads are all other unpaved roadways not defined as public. Internal ~~U~~n~~p~~aved ~~R~~oads are private ~~U~~n~~p~~aved ~~R~~oads within the facility's property boundary.
- (515) WATER IRRIGATION SYSTEM means devices that are mounted above an  
2) ~~O~~pen ~~S~~torage ~~P~~ile to deliver water to a pile.
- (525) WHEEL WASHER means a system that is capable of washing the entire  
3) circumference of each wheel of the vehicle.
- (54) ~~VALIDATED NOTICE OF VIOLATION~~ means a notice of violation issued by a District enforcement officer that has been finally resolved by means of either a settlement with the alleged violator resulting in the payment of a civil penalty in any amount or a court judgment imposing civil or criminal liability on the alleged violator based on the conduct alleged in the notice of violation.

(d) Requirements

~~Unless otherwise stated, effective July 1, 2005, aggregate and related operations shall comply with the following requirements:~~

(1) General Performance Standards

- (A) The owner or operator of a Permanent or Temporary Facility/Operation shall not cause or allow:
- (i) a discharge into the atmosphere of, fugitive dust emissions exceeding 20 percent opacity from any activity, equipment, storage pile, or disturbed surface area, based on an average of 12 consecutive readings, using- the SCAQMD Opacity Test Method No. 9B; or
  - (ii) discharges into the atmosphere of, ~~F~~fugitive ~~D~~dust emissions exceeding 50 percent opacity from any activity, equipment, storage pile, or ~~D~~isturbed ~~S~~urface ~~A~~rea, based on five individual, consecutive readings, using the South Coast

~~AQMD~~~~SCAQMD~~ Opacity Test Method No. 9B, ~~effective December 3, 2005; or~~

- (iii) any visible ~~F~~ugitive ~~D~~ust plume from exceeding 100 feet in any direction from any activity, equipment, storage pile, or ~~D~~isturbed ~~S~~urface ~~A~~rea; or
  - (iv) Track-Out to extend 15 feet or more in cumulative length originating from the exit of the facility.
- (B) The owner or operator of a Permanent or Temporary Facility/Operation shall ~~promptly~~ remove any pile of ~~M~~aterial ~~S~~pillage on any internal ~~P~~aved ~~R~~oads, either. ~~Alternatively, the operator shall maintain in a stabilized condition the pile of material spillage with dust suppressants and remove it by the end of each day.~~
- (i) Within one hour from time of Material Spillage; or
  - (ii) No later than the end of the day, provided the owner or operator applies Dust Suppressants every hour until the pile of Material Spillage is removed
- (C) The owner or operator of a Permanent or Temporary Facility/Operation shall ~~maintain in a stabilized condition all other piles of material spillage and carry-back with~~apply Dust Suppressants to all other Material Spillage and Carry-Back every hour until removal and maintain records specified in subparagraph (f)(1)(B).
- ~~(D) The operator of a facility/operation shall use sufficient dust suppressants or other dust control methods as necessary to meet the performance standards in subparagraph (d)(1)(A).~~
- ~~(E) Where applicable, the owner or operator of a Permanent or Temporary Facility/Operation shall install a gravel pad that:~~
- (i) Contains one-inch or larger washed gravel maintained to a depth of six inches;
  - (ii) Has a geotextile lining underneath the washed gravel; ~~and~~
  - (iii) Is flushed with water daily ~~or is completely replaced, as necessary to~~ and maintain records specified in subparagraph (f)(1)(C) comply with the T~~rack O~~ut threshold set forth in Rule 403; and

(iv) Is completely replaced every 10 years and as necessary to comply with the Track-Out threshold pursuant to clause (d)(1)(A)(iv).

(2) Loading, Unloading, and Transferring

The owner or operator of an ~~existing~~ Permanent or Temporary Facility/Operation shall use Dust Suppressants or Other Dust Control Methods at each emission source during Loading, Unloading, or transferring activities of materials and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A).

(3) Conveyor

The owner or operator of a Permanent or Temporary Facility/Operation using a Conveyor shall apply Dust Suppressants or Other Dust Control Methods at the Conveyor including all Transfer Points where materials are released and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A).

(4) Crushing Equipment

The owner or operator of a Permanent or Temporary Facility/Operation conducting crushing activities of materials shall use a permitted emission control device ~~baghouse~~ to control PM10 emissions. Alternatively, the operator may apply Dust Suppressants or Other Dust Control Methods at the crusher including all discharge points and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A).

(5) Screening Equipment

The owner or operator of a Permanent or Temporary Facility/Operation conducting outdoor screening activities of materials shall use Enclosed Screening Equipment that is equipped with a permitted emission control device ~~baghouse~~. Alternatively, the owner or operator may apply Dust Suppressants or Other Dust Control Methods ~~at the screening equipment~~ including all discharge points during such activities and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A).

(6) Storage Piles

(A) The owner or operator of a Permanent or Temporary Facility/Operation shall maintain in a stabilized condition the entire

surface area of the Open Storage Piles of materials, except for areas of the piles that are actively disturbed during the Loading and/or Unloading activities by applying Dust Suppressants at least once every four hours and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A). ~~Alternatively, the operator may:~~

(B) In lieu of meeting the requirements of subparagraph (d)(6)(A), the owner or operator of a Permanent or Temporary Facility/Operation may:

- (i) store materials in a Silo or a Bunker;
- (ii) maintain at least two feet of freeboard from the highest portion of the Open Storage Piles; and
- (iii) for the Bunker, stabilize the sides of the pile that are not shielded by Non-Porous Walls pursuant to the applicable schedule specified in subparagraph (d)(6)(A).

(CB) At the end of each work day in which loading or unloading activities of materials were performed, the owner or operator of a facility/operation shall re-apply Dust Suppressants to re-stabilize disturbed areas of the Open Storage Piles.

(DE) The owner or operator of a Permanent or Temporary Facility/Operation shall ~~limit~~not allow any Open Storage Piles of materials to ~~less~~be greater than or equal to eight feet in height if such piles are located within 300 feet of off-site occupied buildings or houses and implement one of the following: ~~Alternatively, the operator of a facility/operation shall operate a water irrigation system to maintain in a stabilized condition the entire surface of the piles.~~

- (i) Apply Dust Suppressants at least once every other hour and as necessary to maintain in a stabilized condition the entire surface area of the Open Storage Piles of materials, except for areas of the piles that are actively disturbed during the Loading and/or Unloading activities;
- (ii) Install a wind screen fence of equal or greater height of the Open Storage Pile between the Open Storage Pile and off-site occupied buildings or houses; or



- (i) The owner or operator of a Permanent or Temporary Facility/Operation with a minimum of 60 aggregate and/or Mixer Trucks exiting the facility on any day shall sweep the internal Paved Roads with a street sweeper by the end of each Production Work Shift.
  - (ii) The owner or operator of a Permanent or Temporary Facility/Operation with less than 60 aggregate and/or Mixer Trucks exiting the facility on any day shall sweep the internal Paved Roads with a street sweeper by the end of every other work day. -On the days that the roads are not swept, the owner or operator shall apply water at the end of each Production Work Shift and as necessary to comply with subparagraph (d)(1)(A) on at least 100 feet of Paved Roads, or the entire length of Paved Roads leading to an exit to public Paved Roads, if such roads are less than 100 feet long.
  - ~~(iii) Sweepers that are purchased after December 3, 2004 shall meet the criteria of PM10-efficient Rule 1186-certified sweepers.~~
  - ~~(iii)~~ The owner or operator of a new Permanent or Temporary Facility/Operation shall use Rule 1186-certified-sweepers to sweep the internal Paved Roads.
  - (iv) The owner or operator of a Permanent or Temporary Facility/Operation shall maintain records of street sweeper activity specified in subparagraph (f)(3)(C).
- (8) Track-Out
- (A) The owner or operator of a Permanent or Temporary Facility/Operation shall remove all Track-Out originating from an emission source at an Aggregate or Related Operation at the End Of Work Day or conclusion of each Production Work Shift, whichever is sooner.
  - (BA) The owner or operator of a Permanent or Temporary Facility/Operation and the drivers must take all reasonable steps to ensure that all loads on Aggregate Trucks are leveled and maintained with at least six inches of freeboard, and that the load is

stabilized by applying Dust Suppressants in sufficient quantities to maintain in a stabilized condition the entire surface area of the load so that the performance standards in subparagraph (d)(1)(A) are met, unless the driver tarps or suitably covers the load prior to entering paved public roads or prior to the use of a Rumble Grate and/or Wheel Washer and maintain records specified in subparagraph (f)(4)(A).

(CB) The owner or operator of a Permanent or Temporary Facility/Operation must post signs at the exits of the facility to require all loads to comply with the requirements in subparagraph (d)(8)(AB).

(DC) ~~Effective December 3, 2005,~~ The owner or operator of a Permanent or Temporary Facility/Operation not covered under subparagraph (d)(8)(DE) shall install and utilize a Rumble Grate, a Wheel Washer, or a Truck Washer pursuant to in accordance with the following:

(i) The Rumble Grate, the Wheel Washer, or the Truck Washer must ~~shall~~ be located no less than 30 feet prior to each exit that is used by aggregate and/or Mixer Trucks and leading to a paved public road;

(ii) The Rumble Grate must be of equal width of the facility exit leading to a public paved road and at minimum 10 feet in length;

(iii) The owner or operator must ensure that all aggregate and Mixer Trucks leaving the facility go through the Rumble Grate, the Wheel Washer, or the Truck Washer;

(~~iv~~iii) The owner or operator must ~~shall~~ post a sign by the Rumble ) Grate, the Wheel Washer, or the Truck Washer to designate the speed limit to five ~~5~~ miles per hour for using such control equipment; and

(v) The owner or operator must post a sign indicating all aggregate and Mixer Trucks to drive through a dedicated pathway, which leads to the Rumble Grate, the Wheel Washer, or the Truck Washer, while leaving the facility;

- (vii) If the Internal Road from the Rumble Grate, the Wheel Washer, or the Truck Washer to any paved public road is not paved, the owner or operator must apply a gravel pad that meets the criteria set forth in subparagraph (d)(1)(~~ED~~) to such roads.
  - (viii) An owner or operator is not subject to clause (d)(8)(~~DE~~)(i) if he can demonstrate to the Executive Officer, ~~by July 1, 2005,~~ that there is not adequate space for 30 feet of roadway and that a Rumble Grate, a Wheel Washer, or a Truck Washer at a shorter distance will be adequate to prevent Track-Out of dust to the public road. ~~The~~ owner or operator of a ~~new,~~ Temporary Facility/Operation must provide such demonstration to the Executive Officer prior to the beginning of its operation.
- (~~ED~~) ~~Effective December 3, 2005,~~ The owner or operator of a ~~new~~ Permanent Facility/Operation with land size- in excess of- 25 acres or with a designed daily throughput of 750 tons or higher, and the owner or operator of an ~~existing~~ Permanent Facility/Operation with a minimum of 60 aggregate and/or Mixer Trucks exiting the facility on any day shall install and utilize a Rumble Grate and a Wheel Washer in accordance to the following:
- (i) The Rumble Grate and the Wheel Washer shall be located no less than 30 feet prior to each exit that is used by aggregate and/or Mixer Trucks and leading to a paved public road. The Rumble Grate shall be located within 10 feet from the Wheel Washer.
  - (ii) The Rumble Grate shall be of equal width of the facility exit leading to a public paved road and at minimum 10 feet in length.
  - (iii) The owner or operator must ensure that all aggregate and Mixer Trucks leaving the facility go through the Rumble Grate first and then, the Wheel Washer.
  - (iv) The owner or operator shall post a sign indicating all aggregate and Mixer Trucks to drive through a dedicated

pathway, which leads to the Rumble Grate and the Wheel Washer, while leaving the facility.

- (viii) The owner or operator shall post a sign by the Rumble Grate to designate the speed limit to five miles per hour for traveling over the Rumble Grate and Wheel Washer.
- (vi) The owner or operator shall pave the internal roads from the Rumble Grate and the Wheel Washer to the facility exits leading to paved public roads.
- (vii) The owner or operator must ensure that all aggregate and Mixer Trucks stay on the internal paved roads between the Wheel Washer and the facility exits leading to paved public roads.
- (viii) An owner or operator is not subject to clause (d)(8)(E)(i) if he can demonstrate to the Executive Officer, ~~by July 1, 2005,~~ that there is not adequate space for 30 feet of roadway and that a Rumble Grate and a Wheel Washer at a shorter distance will be adequate to prevent Track-Out of dust to the public road. ~~The~~ owner or operator of a ~~new,~~ Permanent Facility/Operation shall provide such demonstration to the Executive Officer prior to the beginning of its operation.
- (E) The owner or operator of a Permanent or Temporary Facility/Operation shall provide the “Fugitive Dust Advisory” information prepared by the South Coast AQMD District to the aggregate and/or Mixer Truck company and/or broker at least once each calendar year and maintain records specified in paragraph (f)(5).
- (9) ~~The operator of a new permanent facility/operation shall comply with all requirements set forth in this rule and apply Best Available Control Technology required by the Executive Officer.~~
- (9) New and/or modified equipment shall comply with 40 CFR Part 60, Subpart I and/or 40 CFR Part 60, Subpart OOO as applicable appropriate.
- (10) Facilities using Chemical Stabilizers shall maintain up-to-date copies of documentation for all Chemical Stabilizers used on-site such as manufacturer specification sheets, material safety data sheets, technical data sheets, or any other air quality data sheets.

- (e) Construction and Demolition Debris Transfer Station:
- (1) No later than [6 Months After Rule Amendment] or three months after start of initial operation, whichever is later, the owner or operator of a Construction And Demolition Debris Transfer Station shall register with the South Coast AQMD by submitting the following information in a format approved by the Executive Officer:
- (A) Facility name;
  - (B) Facility location address and mailing address;
  - (C) Facility legal owner(s), telephone number, email address, and mailing address;
  - (D) Site manager, email address, and telephone number
  - (E) Hours of operation;
  - (F) Facility acreage; and
  - (H) Facility identification (ID) number issued by the South Coast AQMD, if applicable.
- (2) No later than [6 Months After Rule Amendment] or three months after a change of ownership, whichever is later, the owner or operator of the Construction And Demolition Debris Transfer Station shall register with the South Coast AQMD by submitting the following information in a format approved by the Executive Officer:
- (A) Facility name;
  - (B) Facility location address and mailing address;
  - (C) Facility legal owner(s), telephone number, email address, and mailing address;
  - (D) Site manager, email address, and telephone number
  - (E) Hours of operation;
  - (F) Facility acreage; and
  - (H) Facility identification (ID) number of predecessor facility issued by the South Coast AQMD, if applicable.
- (3) The owner or operator of a Construction And Demolition Debris Transfer Station subject to the registration requirements pursuant to paragraphs (e)(1)

and (e)(2) shall pay a plan filing fee pursuant to Rule 306 – Plan Fees (Rule 306) at the time of registration.

(f) Recordkeeping

The owner or operator of a Permanent or Temporary Facility/Operation shall keep the following records on-site for three~~3~~ years, or five~~5~~ years for a Title V facility, and make such records available to the Executive Officer upon request:

~~(1) Records of watering and sweeping schedule for internal Paved Roads;~~

~~(2) Records of aggregate and/or Mixer Trucks exiting the facility;~~

(1) General Performance Standards

(A) Records of Material Spillage on any internal Paved Roads pursuant to subparagraph (d)(1)(B), including:

(i) Time and location of Material Spillage and removal; and

(ii) Times of Dust Suppressant application as applicable.

(B) Records of Dust Suppressant application and time of removal for all other Material Spillage or Carry-Back pursuant to subparagraph (d)(1)(C).

(C) Records of gravel pad maintenance including location of gravel pad, date of water flush pursuant to clause (d)(1)(D)(iii), and date of latest replacement pursuant to clause (d)(1)(D)(iv).

(2) Storage Piles

(A) Records of dust control method and application frequency for an Open Storage Pile to include:

(i) Material of Open Storage Pile;

(ii) Height of Open Storage Pile;

(iii) Type of dust control method used to meet the performance standards pursuant to subparagraph (d)(1)(A); and

(iv) Dates and times of dust control application pursuant to paragraph (d)(6).

(B) Records of date, time, and method of Dust Suppressant applied to stabilize disturbed areas at the end of each work day pursuant to subparagraph (d)(6)(C).

- (3) Internal Roads
  - (A) Records of time, date, and stabilizer type applied to internal unpaved Haul Roads pursuant to clause (d)(7)(A)(i).
  - (B) Records of time, date, and stabilizer type applied to internal unpaved non-haul roads and parking and Staging Areas pursuant to subparagraph (d)(7)(b).
  - (C) Record date, time, and location of street sweeper activity pursuant to clause (d)(7)(C)(iv).
- (4) Track-Out
  - (A) Records of loaded Aggregate Trucks including time, date, truck license plate, and method of stabilization applied prior to entering public paved roads or the use of Rumble Grate and/or Wheel Washer pursuant to subparagraph (d)(8)(B).
- (53) Records of “Fugitive Dust Advisory” information distribution pursuant to subparagraph (d)(8)(F);
- (6) Additional Requirements Triggered by Recurrent Violation
  - (A) Records of date, time, and results of periodic inspection for equipment and/or structures installed specified in paragraph(s) (h)(1), (h)(2), and/or (h)(3).
  - (B) Records of date and time of which issue(s) to equipment installed pursuant to paragraph(s) (h)(1), (h)(2), and/or (h)(3). was identified.
  - (C) Records of date, time, and repairs completed pursuant to findings from periodic inspections pursuant to paragraph (h)(4).
- (74) Records of new equipment initial start-up and/or existing equipment start-up after a repair to fix an Eequipment Bbreakdown if seeking exemption pursuant to subparagraphs (ih)(1)(AB) and/or (h)(1)(C);
- (85) Records of scheduled maintenance activities if seeking exemption pursuant to subparagraph (ih)(1)(A);
- (96) Records of aggregate materials that meet the descriptions in subparagraphs (ih)(2)(A) and (ih)(2)(B); and
- (107) Records of operating days if seeking exemption pursuant to subparagraph ) (ih)(10)(D).

(gf) Test Methods

The following test methods shall be used to determine compliance with this rule:

- (1) South Coast AQMD~~SCAQMD~~ Opacity Test Method No. 9B
- (2) The Stabilized Surface Test Method included in the ~~SCAQMD~~-Rule 403 Implementation Handbook.

(hg) Additional Requirements Triggered by Recurrent Violation:

- ~~(1) The operator of an existing facility located within 500 meters of off-site occupied buildings or houses or a sensitive receptor, who accrues three or more validated notices of violation for causing or allowing fugitive dust emissions exceeding the opacity limits in clauses (d)(1)(A)(i) as measured by the test methods in (f), or a visible fugitive dust plume exceeding 100 feet in any direction, issued on separate days for violations from the same emission source at the facility in any continuous twelve month period (“recurrent violations”) starting from December 3, 2005 shall, within 30 days of the third notice of violation being validated, submit an emission reduction plan to the Executive Officer that meets the following requirements:~~
  - ~~(A) The plan must propose additional emission control measures sufficient to remedy the causes of the recurrent violations and prevent future violations; and~~
  - ~~(B) It must provide for implementation of the specified additional control measures at the earliest practicable date.~~
- ~~(2) The Executive Officer shall approve the emission reduction plan within 30 days of receipt of a complete plan if it is determined that implementation will likely remedy the causes of the recurrent violations. The Executive Officer may impose additional conditions in the plan if it is determined necessary to remedy the causes of the recurrent violations, however, the Executive Officer may not require, as a condition to approving an emission reduction plan under this paragraph, an operator to implement control measures that are economically or technologically infeasible, that do not directly address the cause of the recurrent violations, or that require the operator to take responsibility for the conduct of a third party over whom the operator has no legal control. A disapproval or conditional approval of a plan by the Executive Officer may be appealed to the Hearing Board.~~

(3) ~~The Executive Officer shall disapprove any plan that does not demonstrate a substantial likelihood of preventing violations in the future. If a plan is disapproved, the responsible party shall submit a revised plan which cures the defects within 30 days of receipt of notice of disapproval.~~

(1) Violations of Fugitive Dust Plume Requirements

(A) The owner or operator of a Permanent or Temporary Facility/Operation, located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least three Notices of Violation in any rolling 24-month period, starting from the date of any Notice of Violation, for causing or allowing fugitive dust emissions exceeding the opacity limit specified in clauses (d)(1)(A)(i) and (d)(1)(A)(ii) or a visible plume exceeding 100 feet in any direction specified in clause (d)(1)(A)(iii), shall:

(i) Install wind screen fence along the Permanent or Temporary Facility/Operation property boundary facing any off-site occupied building(s) or sensitive receptor(s) within 1,640 feet; and

(ii) Not allow any Open Storage Pile to exceed the height of the installed wind screen.

(B) The owner or operator of a Permanent or Temporary Facility/Operation, located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least six Notices of Violation in any rolling 24-month period, starting from the date of any Notice of Violation, for causing or allowing fugitive dust emissions exceeding the opacity limit specified in clauses (d)(1)(A)(i) and (d)(1)(A)(ii) or a visible plume exceeding 100 feet in any direction specified in clause (d)(1)(A)(iii), shall:

(i) Install Non-Porous Wall along the Permanent or Temporary Facility/Operation property boundary facing any off-site occupied building(s) or sensitive receptor(s) within 1,640 feet; and

(ii) Not allow any Open Storage Pile to exceed the height of the installed Non-Porous Wall.

**(2) Violations of Track-Out Requirements for Facilities Subject to Subparagraph (d)(8)(D)**

**(A) The owner or operator of a Permanent or Temporary Facility/Operation subject to subparagraph (d)(8)(D), located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least three Notices of Violation in any rolling 24-month period, starting from the date of any Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall:**

- (i) Install a Rumble Grate in combination with either a Wheel Washer or a Truck Washer; and**
- (ii) Not allow any Haul Trucks and Mixer Trucks to leave the facility without passing through the equipment installed pursuant to clause (h)(2)(A)(i).**

**(B) The owner or operator of a Permanent or Temporary Facility/Operation subject to subparagraph (d)(8)(D), located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least six Notices of Violation in any rolling 24-month period, starting from the date of any Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall:**

- (i) Pave all Internal Roads used by Haul Trucks and Mixer Trucks;**
- (ii) Not allow any Haul Trucks and Mixer Trucks to travel within the facility other than on the Paved Roads installed pursuant to clause (h)(2)(A)(i); and**
- (iii) Post signs on the Paved Roads installed pursuant to clause (h)(2)(A)(i) to restrict speed limit to 15 miles per hour.**

**(3) Violations of Track-Out Requirements for Facilities Subject to Subparagraph (d)(8)(E)**

**(A) The owner or operator of a Permanent or Temporary Facility/Operation subject to subparagraph (d)(8)(E), located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least three Notices of Violation in any rolling 24-month**

period, starting from the date of any Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall:

- (i) Install a Truck Washer;
- (ii) Replace any existing gravel pad and Rumble Grate; and
- (ii) Not allow any Haul Trucks and Mixer Trucks to leave the facility without passing through the equipment as required in subparagraph (d)(8)(E) and Truck Washer installed pursuant to clause (h)(3)(A)(i).

(B) The owner or operator of a Permanent or Temporary Facility/Operation subject to subparagraph (d)(8)(E), located within 1,640 feet of off-site occupied building(s) or sensitive receptor(s), accruing at least six Notices of Violation in any rolling 24-month period, starting from the date of any Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iii), shall:

- (i) Pave all Internal Roads used by Haul Trucks and Mixer Trucks;
- (ii) Not allow any Haul Trucks and Mixer Trucks to travel within the facility other than on the Paved Roads installed pursuant to clause (h)(3)(A)(i); and
- (iii) Post signs on the Paved Roads installed pursuant to clause (h)(3)(A)(i) to restrict speed limit to 15 miles per hour.

(4) The owners or operators of a Permanent or Temporary Facility/Operation subject to requirements specified in paragraph(s) (h)(1), (h)(2), and/or (h)(3) shall conduct inspections of equipment installed as required by paragraph(s) (h)(1), (h)(2), and/or (h)(3) every three calendar months to ensure equipment is in good working order and maintain records of inspection specified in paragraph (f)(6).

(5) The owners or operators of a Permanent or Temporary Facility/Operation subject to requirements specified in paragraph(s) (h)(1), (h)(2), and/or (h)(3) shall make any necessary repairs or maintenance within 15 calendar days after an issue was identified and maintain records of repairs specified in paragraph (f)(6).

(h) Exemptions

- (1) The following activities will be exempt from requirements set forth in clausesubparagraph (d)(1)(A)(i), (d)(1)(A)(ii), and (d)(1)(A)(iii):
  - (A) The first eight8 hours of the new equipment initial start-up and the first two2 hours of the equipment start-up after a repair to fix an Equipment Breakdown or after a maintenance activity scheduled at least 48 hours in advance by the owner or operator of a facility.
  - (B) Blasting Operations.
- (2) During High Winds, the owner or operator of a Permanent or Temporary Facility/Operation will be exempt from the requirements in clausesubparagraph (d)(1)(A)(i) and (d)(1)(A)(ii), and (d)(1)(A)(iii) if:
  - (A) All activities, including aggregate excavation, production, Loading and Unloading activities, and material transport, are ceased, except for dust controls as required by District-South Coast AQMD rules; or
  - (B) All excavation and earthmoving operations, except for underwater dredging and the transporting of dredged materials to the surge pile, and aggregate production (but not Loading or transport) are ceased, provided:
    - (i) dust controls as required by South Coast AQMD District rules are applied; and
    - (ii) Unpaved Roads have had Chemical Stabilizers applied prior to the wind event, or where Unpaved Roads have not had Chemical Stabilizers applied, water is applied twice per hour during active operations; and
    - (iii) within fifteen(15) minutes of each Loading activity, water is applied to un-stabilized areas of Open Storage Ppiles that will be actively disturbed during Loading; or
  - (C) The only activities being conducted at ready-mixed concrete or hot mix asphalt facilities are those activities that produce materials for use in construction projects which are being paved or poured during High Winds, provided that dust controls as required by South Coast AQMD District rules are applied.

- (3) Scalping Screens will be exempt from the enclosure required in paragraph (d)(5).
- (4) The owner or operator of a Permanent or Temporary Facility/Operation is exempt from the use of Chemical Stabilizers for internal Unpaved Roads if the use of applicable chemical Dest Suppressants on those specific Unpaved Roads violates the rules and/or regulations of the local Water Quality Control Board or other government agency. -Alternatively, the owner or operator of a Permanent or Temporary Facility/Operation may use water, proving that:
  - (A) Water is used in sufficient quantity and frequency on those specific internal unpaved roads so that the surface is maintained in a stabilized condition; and
  - (B) The owner or operator notifies the Executive Officer in writing 30 days prior to the use of water and demonstrates that the use of chemical was not allowed on those specific Unpaved Roads.
- (5) Empty Hhaul Trucks traveling to and from maintenance areas are exempt from the requirement to use internal unpaved Hhaul Roads if they travel on internal unpaved non-haul roads that comply with the requirement in subparagraph (d)(7)(B).
- (6) The unpaved non-haul roads will be exempt from the requirement in subparagraph (d)(7)(B) if such roads are used less than twice a day, and signs are posted on such roads to restrict speed limit to 15 miles per hour and to restrict traffic to such vehicles only.
- (7) Carry-Back that is generated by the Tunnel Feed will be exempt from the requirement set forth in subparagraph (d)(1)(C).
- (8) Truck Trimming Areas are exempt from the requirement in subparagraph (d)(1)(C).
- (9) Facilities where Aggregate Trucks are not used to carry Aggregate Oer Related Materials to and off the facility property are exempt from the requirements in paragraph (d)(8).
- (10) The following facilities are not required to install and operate a Wheel Washer pursuant to paragraph (d)(8):
  - (A) Facilities that have their Internal Roads all paved and with the exception of Returned Products, their Aggregate or Related

Materials metered directly to a ready-mix or hot mix asphalt truck. The facilities may accept Returned Products and are still qualified for the exemption from a Wheel Washer. –The facilities are instead required to have a Rumble Grate or a Truck Washer and comply with subparagraph (d)(8)(DC).

- (B) Facilities with less than five acres in land size and handle recycled asphalt and recycled concrete exclusively, provided the facility installs a Rumble Grate, comply with clauses (d)(8)(DC)(i) through (d)(8)(DC)(iv), and applies a gravel pad that meets the criteria set forth in subparagraph (d)(1)(ED) on the entire unpaved non-haul roads leading to a paved public road.
  - (C) Facilities that pave a minimum of ¼ mile from the Rumble Grate to the facility exit leading to a paved public road.
  - (D) Facilities that are Infrequent Mining Operations, provided they install a Rumble Grate and apply a gravel pad that meets the criteria set forth in subparagraph (d)(1)(ED) for a distance of no less than 100 feet from the Rumble Grate to the facility exit leading to a paved public road, and keep records in accordance with paragraph (fe)(96). The facility shall inform the South Coast AQMD District in the case that they operate more than 52 days per year based on the average of a rolling three-year period ~~after December 3, 2004~~. In this case, the facility shall comply with the requirements set forth in paragraph (d)(8).
- (11) The owner or operator of a Permanent or Temporary Facility/Operation is exempt from using the test methods set forth in paragraph (gf)(2) for the demonstration of the surface stabilization of Open Storage Piles where 90% of their volume contain materials that are larger than ½ inch product, providing such piles meet the performance standards in subparagraph (d)(1)(A).
- (12) Prior to [6 Months after Rule Amendment], Construction and Demolition Debris Transfer Stations are not subject to the applicable requirements of subdivision (d) and subdivision (f).

(i) ~~Alternative Control Options~~

~~In lieu of using dust suppressants, the operator of a facility/operation may submit for approval by the Executive Officer and the U.S. Environmental Protection Agency a plan for achieving equivalent emission reductions through alternative control measures.~~