(Adopted January 7, 2005)(Amended September 8, 2006)
(Amended September 4, 2026)

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

(a) Purpose

The purpose of this rule is to reduce PM10 emissions from Aggregate and Related Operations.

(b) Applicability

This rule applies to all Permanent and Temporary Aggregate and Related Operations, unless otherwise exempt under subdivision (j).

(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 Aggregate and Related Operations.

(3) AGGREGATE TRUCKS mean trucks with open tops, used to transport the products of the Aggregate and Related Operations 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 a minimum of two sides are Non-Porous Walls and one side may be a wind barrier 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 means any non-toxic chemical Dust Suppressant which meets all applicable specifications, criteria, and/or tests required by any federal, state, or local water agency.

(8) CONSTRUCTION AND DEMOLITION DEBRIS means nonhazardous waste materials generated from construction, deconstruction, remodeling, repair, cleanup, or demolition of any part of a structure or building, including the foundations or the utility/commodity pipeline of the structure or building.

(c) (9) CONSTRUCTION AND DEMOLITION DEBRIS TRANSFER STATION means a facility that receives, stores, and Transfers only Construction And Demolition Debris. Inert landfills or facilities that crush received materials are not Construction And Demolition Debris Transfer Station.

(10) CONVEYOR means an above-ground, outdoor Conveyor system to move materials from any location, process, or equipment to another in a continuous fashion.

(11) 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 Fugitive Dust. 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.

(12) DUST SUPPRESSANTS means water, hygroscopic materials, and/or Chemical Stabilizers used as a treatment material to reduce Fugitive Dust emissions.

(13) ENCLOSED SCREENING EQUIPMENT means screening equipment where the top portion of the equipment is enclosed, except for the area where materials enter the screening equipment.

(14) END OF WORK DAY means the end of a working period that may include one or more work shifts, but no later than 8 p.m.

(15) 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 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.

(c) (16) 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.

(17) 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.

(18) 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.

(19) HAUL ROAD means an Unpaved Road that is used by Haul Trucks to carry materials from the quarry to different locations within the facility.

(20) HAUL TRUCK means a diesel heavy-duty truck having a minimum capacity of 50 tons and is used to transport aggregates within the facility.

(21) HIGH WINDS means instantaneous wind speeds exceed 25 miles per hour.

(22) 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.

(23) INTERNAL ROADS mean private Paved and Unpaved Roads within the facility's property boundary.

(24) LOADING means an activity to move materials from any location to a truck.

(25) MATERIAL SPILLAGE means material inadvertently lost or scattered by spilling.

(26) MIXER TRUCK means truck that mixes cement and other ingredients in a drum to produce concrete.

(27) NON-POROUS WALLS are walls that have zero percent porosity. Non-Porous Walls include, but are not limited to, concrete and steel walls.

(28) OPEN STORAGE PILE is any accumulation of Aggregate or Related Material which is not fully enclosed in a structure with Non-Porous Walls, 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.

(29) OTHER DUST CONTROL METHODS including but not limited to baghouses, filter bags, enclosures, and partial enclosures.

(c) (30) PAVED ROAD means a public or private improved street, highway, alley, public way, or easement that is covered by Typical Roadway Materials, but excluding access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public Paved Roads 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 Paved Roads are any Paved Roads not defined as public.

(31) PERMANENT FACILITY/OPERATION means a facility or an operation that is performed at one physical location for more than two years.

(32) PM10 means particulate matter with an aerodynamic diameter smaller than or equal to 10 microns as measured by the applicable State and Federal reference test methods.

(33) PRODUCTION WORK SHIFT is an eight-hour operating period based on the 24 hour operating schedule.

(34) RELATED OPERATIONS are defined as operations that use sand, gravel, cement, crushed stone, and/or quarried rocks in their products, or crush miscellaneous base, inert landfills that handle Construction And Demolition Debris, and Construction And Demolition Debris Transfer Stations.

(35) RETURNED PRODUCTS mean left over concrete or asphalt products that were not used at the job sites and were brought back to the facility.

(36) RUMBLE GRATE is a system where the vehicle is vibrated while traveling over grates with the purpose of removing dust and other debris.

(37) SCALPING SCREEN means a screen where debris and oversized materials are rejected.

(38) SENSITIVE RECEPTOR means any residence including private homes, condominiums, apartments, and living quarters; education resources such as preschools and kindergarten through grade twelve (k-12) schools; daycare centers; and health care facilities such as hospitals or retirement and nursing homes. A Sensitive Receptor includes long term care hospitals, hospices, prisons, and dormitories or similar live-in housing.

(39) SILO means an elevated storage container, with or without a top, that releases material through the bottom.

(40) STABILIZED SURFACE means any previously Disturbed Surface Area 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.

(c) (41) STAGING AREA is a place where Aggregate and Mixer Trucks temporarily queue for their Loading or Unloading turn.

(42) TEMPORARY FACILITY/OPERATION means a facility that operates or an operation that is performed at one physical location for two years or less. Temporary Facility/Operation includes portable facility or operation.

(43) TRACK-OUT means any material that adheres to and agglomerates on the 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.

(44) TRANSFER means an activity to move materials from any location to any location within a facility.

(45) TRANSFER POINT is a point in a conveying system where the materials are dropped onto a stockpile, equipment, or another Conveyor, or where a Conveyor belt enters or exits the processing equipment.

(46) TRUCK TRIMMING AREA means an area where trucks that are exiting a 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.

(47) TRUCK WASHER means a system that is used to wash the entire surface and the tires of a truck.

(48) TUNNEL FEED is underground belt Conveyor system to move the materials from any location to any location within a facility in a continuous fashion.

(49) TYPICAL ROADWAY MATERIALS means concrete, asphaltic concrete, recycled asphalt, asphalt, or any other material of equivalent performance as determined by the Executive Officer and the U.S. Environmental Protection Agency.

(50) UNLOADING means an activity to release the materials from a truck or a Front-End Loader to any location located inside the facility.

(51) UNPAVED ROADS mean any roads, equipment paths, or travel ways that are not covered by Typical Roadway Materials. Public Unpaved Roads are any

unpaved roadway owned by Federal, State, county, municipal or other governmental or quasi-governmental agencies. Private Unpaved Roads are all other unpaved roadways not defined as public. Internal Unpaved Roads are private Unpaved Roads within the facility's property boundary.

(c) (52) WATER IRRIGATION SYSTEM means devices that are mounted above an Open Storage Pile to deliver water to a pile.

(53) WHEEL WASHER means a system that is capable of washing the entire 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 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

(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, Fugitive Dust emissions exceeding 50 percent opacity from any activity, equipment, storage pile, or Disturbed Surface Area, based on five individual, consecutive readings, using the South Coast AQMD Opacity Test Method No. 9B; or

(iii) any visible Fugitive Dust plume from exceeding 100 feet in any direction from any activity, equipment, storage pile, or Disturbed Surface Area; or

(iv) Track-Out to extend 15 feet or more in cumulative length originating from the exit of the facility.

(d) (1) (B) The owner or operator of a Permanent or Temporary Facility/Operation, excluding a Construction and Demolition Debris Transfer Station, shall remove any pile of Material Spillage on any internal Paved Roads, either:

(i) Within one hour from the time a Material Spillage is identified; or

(ii) No later than the End Of Work Day, provided the owner or operator beginning within one hour of identification of the Material Spillage applies either:

(I) Dust Suppressants, excluding Chemical Stabilizers, every hour until the pile is removed; or

(II) Chemical Stabilizers according to manufacturer recommended application frequency until the pile is removed.

(C) The owner or operator of a Construction And Demolition Debris Transfer Station shall remove any pile of Material Spillage on any internal Paved Roads within one hour from time a Material Spillage is identified.

(D) The owner or operator of a Permanent or Temporary Facility/Operation shall apply Dust Suppressants to all other Material Spillage or Carry-Back every hour, or according to manufacturer recommended application frequency for Chemical Stabilizers, after Material Spillage or Carry-Back is identified until removal.

(E) Where applicable, the owner or operator of a Permanent or Temporary Facility/Operation shall install and maintain a gravel pad that meets the following:

(i) Contains one-inch or larger washed gravel maintained to a depth of six inches;

(ii) Has a Geotextile lining underneath the washed gravel;

(iii) Is flushed with water as necessary to comply with the Track Out threshold set forth in Rule 403 and clause (d)(1)(A)(iv);and

(iv) Replaced at least every 10 years or as necessary, whichever is sooner, to comply with the Track-Out threshold pursuant to Rule 403 and clause (d)(1)(A)(iv).

(d) (1) (F) Where applicable, the owner or operator of a Permanent or Temporary Facility/Operation shall maintain a wind barrier with no more than 50 percent porosity and free of breaks, tears, or non-designed openings.

(2) Loading, Unloading, and Transferring

The owner or operator of a 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 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 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 to control PM10 emissions. Alternatively, the operator may apply Dust Suppressants or Other Dust Control Methods at the crusher including all discharge points 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. 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 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 during each work day by applying one of the following:

(d) (6) (A) (i) Dust Suppressants, excluding Chemical Stabilizers, at least twice per day with no less than four hours between applications and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A); or

(ii) Chemical Stabilizers according to manufacturer recommended application frequency and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A).

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

(i) Conduct inspection at least twice per day, with no less than four hours between inspections, for all sides of an Open Storage Pile during each work day; and

(ii) Apply Dust Suppressants as necessary to meet the applicable performance standards in subparagraph (d)(1)(A) during each work day.

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

(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 by applying Dust Suppressant pursuant to the applicable frequency specified in clause (d)(6)(A)(i) or (d)(6)(A)(ii).

(D) The owner or operator of a Permanent or Temporary Facility/Operation shall re-apply Dust Suppressants to re-stabilize disturbed areas of the Open Storage Piles at the End of Work Day in which Loading or Unloading activities of materials were performed.

(E) The owner or operator of a Permanent or Temporary Facility/Operation shall apply Dust Suppressants to undisturbed areas of the Open Storage

Pile at the End of Work Day prior to any scheduled period of facility inactivity greater than 24 hours.

(d) (6) (F) The owner or operator of a Permanent or Temporary Facility/Operation shall limit any Open Storage Piles of materials to less than or equal to eight feet in height if such piles are located within 300 feet of Sensitive Receptors.

(G) The owner or operator of a Permanent or Temporary Facility/Operation shall not allow any Open Storage Piles of materials to be within 30 feet of the facility's property boundary that faces any public road.

(H) In lieu of meeting the requirements of subparagraph (d)(6)(F) or (d)(6)(G), the owner or operator of a Permanent or Temporary Facility/Operation shall install a Water Irrigation System and:

(i) Conduct periodic inspections for all sides of the Open Storage Pile, except for areas of the Open Storage Pile that is actively disturbed during the Loading and/or Unloading activities, at least twice per day, with no less than four hours between inspections, and apply water using a Water Irrigation System as necessary to meet the applicable performance standards in subparagraph (d)(1)(A);

(ii) Apply water using a Water Irrigation System to the Open Storage Pile, except for areas of the Open Storage Pile that is actively disturbed during the Loading and/or Unloading activities, at least once every other hour during each work day and as necessary to meet the applicable performance standards in subparagraph (d)(1)(A);

(iii) Install and maintain a wind barrier that meets the criteria set forth in subparagraph (d)(1)(F) equal to or greater than the height of the Open Storage Pile; or

(iv) Store materials in a Silo or Bunker that meets the criteria set in clause (d)(6)(C)(ii), and, if applicable, (d)(6)(C)(iii).

(7) Internal Roads

(A) Unpaved Haul Roads

(i) The owner or operator of a Permanent or Temporary Facility/operation shall apply Chemical Stabilizers, according

to manufacturer recommended application frequency, on the internal unpaved Haul Roads so that the surface is maintained in a stabilized condition to meet general performance standards pursuant to subparagraph (d)(1)(A).

(d) (7) (A) (ii) The owner or operator of a Permanent or Temporary Facility/Operation shall post signage at the ends of the internal unpaved Haul Roads, which include ”HAUL TRUCKS SHALL USE THESE ROADS UNLESS TRAVELING TO MAINTENANCE AREAS”, and update in accordance with paragraph (i)(1).

(B) Unpaved Non-Haul Roads and Parking and Staging Areas

The owner or operator of a Permanent or Temporary Facility/Operation shall apply Chemical Stabilizers, according to manufacturer recommended application frequency, on Unpaved Roads and parking and Staging Areas so that the surface is maintained in a stabilized condition to meet general performance standards pursuant to subparagraph (d)(1)(A), or apply a gravel pad that meets the criteria set forth in subparagraph (d)(1)(D) on the entire unpaved non-haul road and/or the parking and Staging Areas.

(C) Paved Roads

(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.

(d) (7) (C) (iii) The owner or operator of a Permanent or Temporary Facility/Operation shall use Rule 1186-certified-sweepers to sweep the internal Paved Roads.

(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 each End of Work Day or conclusion of each Production Work Shift, whichever is sooner.

(B) The owner or operator of a Permanent or Temporary Facility/Operation and the drivers shall 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.

(C) The owner or operator of a Permanent or Temporary Facility/Operation must post signage at the exits of the facility which include "ALL LOADS MUST BE STABLIZED OR COVERED PRIOR TO EXITING THE FACILITY" and update in accordance with paragraph (i)(1).

(D) The owner or operator of a Permanent or Temporary Facility/Operation not covered under subparagraph (d)(8)(E) shall install and utilize a Rumble Grate, a Wheel Washer, or a Truck Washer pursuant to the following:

(i) The Rumble Grate, the Wheel Washer, or the Truck Washer must 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;

(d) (8) (D) (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) The owner or operator must post signage by the Rumble Grate, the Wheel Washer, or the Truck Washer to designate the speed limit to five miles per hour for using such control equipment; and

(v) The owner or operator must post signage in accordance with paragraph (i)(1) and include "AGGREGATE AND MIXER TRUCKS MUST STAY ON DEDICATED PATHWAY AND UTILIZE TRACK-OUT CONTROLS PRIOR TO LEAVING THE FACILITY";

(vi) 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)(D) to such roads.

(vii) An owner or operator is not subject to clause (d)(8)(D)(i) if the owner or operator can demonstrate to the Executive Officer 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 Temporary Facility/Operation must provide such demonstration to the Executive Officer prior to the beginning of its operation.

(E) The owner or operator of a 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 a 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 with 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.

(d) (8) (E) (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 signage by the Rumble Grate to designate the speed limit to five miles per hour for traveling over the Rumble Grate and Wheel Washer.

(v) The owner or operator shall post signage in accordance with paragraph (i)(1) and include "AGGREGATE AND MIXER TRUCKS MUST STAY ON DEDICATED PATHWAY AND UTILIZE TRACK-OUT CONTROLS PRIOR TO LEAVING THE FACILITY";

(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 the owner or operator can demonstrate to the Executive Officer 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 Permanent Facility/Operation shall provide such demonstration to the Executive Officer prior to the beginning of its operation.

(F) The owner or operator of a Permanent or Temporary Facility/Operation shall provide the "Fugitive Dust Advisory" information prepared by the

South Coast AQMD to the Aggregate and/or Mixer Truck company and/or broker at least once each calendar year.

(d) (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.

(10) The owner or operator of a Permanent or Temporary Facility/Operation using Chemical Stabilizers to meet the requirements of this rule shall maintain up-to-date copies of manufacturer documentation for all Chemical Stabilizers used on-site that list direction for application and chemical composition.

(e) Construction and Demolition Debris Transfer Station:

(1) No later than March 4, 2027 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 March 4, 2027 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;

(e) (2) (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 and maintain the following records, as applicable, on-site for three years, or five years for a Title V facility, and make such records available to the Executive Officer upon request:

(1) Records of total number of daily Aggregate and/or Mixer Trucks exiting the facility;

(2) General Performance Standards

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

(i) Date and time Material Spillage was identified;

(ii) Date and time of Material Spillage removal; and

(iii) Dust Suppressant type with date and time of application, if applicable;

(B) Records of all other Material Spillage or Carry-Back pursuant to subparagraph (d)(1)(D), including:

(i) Date and time Material Spillage or Carry-Back was identified;

(ii) Date and time of Material Spillage or Carry-Back removal; and

(iii) Dust Suppressant type with date and time of application, if applicable; and

(f) (2) (C) Records of gravel pad maintenance including location of gravel pad, date of water flush pursuant to clause (d)(1)(E)(iii), and date of latest replacement pursuant to clause (d)(1)(E)(iv);

(3) Storage Piles

(A) Facility plot plan with identifier and location of each Open Storage Pile; and

(B) Records for each Open Storage Pile, including:

(i) Unique identifier for the Open Storage Pile;

(ii) Material of each Open Storage Pile;

(ii) Is the Open Storage Pile;

(I) Greater than eight feet in height;

(II) Within 300 feet of a Sensitive Receptor

(III) Within 30 feet of the facility's property boundary that faces any public road;

(iii) Observed condition of the Open Storage Pile at the time of recording;

(iv) Weather and wind conditions of the facility at the time of recording;

(v) Type of Dust Suppressant used, if applicable; and

(vi) Date and time of Dust Suppressant application, if applicable;

(4) 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); and

(C) Record date, time, and location of street sweeper activity pursuant to clause (d)(7)(C)(iv);

(5) Records of "Fugitive Dust Advisory" information distribution pursuant to subparagraph (d)(8)(F);

(6) Additional Requirements Triggered by Recurrent Violation

(f) (6) (A) Records of date, time, and observations from periodic inspection of 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; and

(C) Records of date, time, and repairs completed pursuant to findings from periodic inspections pursuant to paragraph (h)(4);

(7) Records of new equipment initial start-up and/or existing equipment start-up after a repair to fix an Equipment Breakdown if seeking exemption pursuant to subparagraphs (j)(1)(A);

(8) Records of scheduled maintenance activities if seeking exemption pursuant to subparagraph (j)(1)(A);

(9) Records of aggregate materials that meet the descriptions in subparagraphs (j)(2)(A) and (j)(2)(B); and

(10) Records of operating days if seeking exemption pursuant to subparagraph (j)(10)(D).

(g) Test Methods

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

(1) South Coast AQMD Opacity Test Method No. 9B

(2) The Stabilized Surface Test Method included in the Rule 403 Implementation Handbook.

(h) Additional Requirements Triggered by Recurrent Violation

(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 Sensitive Receptor(s), accruing at least three Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated 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, within 90 days of the third Validated Notice of Violation resolution:

(h) (1) (A) (i) Install a wind barrier that meets the criteria set forth in subparagraph (d)(1)(F) along the Permanent or Temporary Facility/Operation property boundary facing any off-site occupied building(s) or Sensitive Receptor(s) located within 1,640 feet; and

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

(B) The owner or operator of a Permanent or Temporary Facility/Operation, located within 1,640 feet of Sensitive Receptor(s), accruing at least six Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated 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, within 90 days of the sixth Validated Notice of Violation resolution:

(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 Sensitive Receptor(s), accruing at least three Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall, within 90 days of the third Validated Notice of Violation resolution:

(h) (2) (A) (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 Sensitive Receptor(s), accruing at least six Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall, within 90 days of the sixth Validated Notice of Violation resolution:

(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 signage in accordance with subparagraphs (i)(1)(A) and (i)(1)(B) 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 Sensitive Receptor(s), accruing at least three Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iv), shall, within 90 days of the third Validated Notice of Violation resolution:

(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).

(h) (3) (B) The owner or operator of a Permanent or Temporary Facility/Operation subject to subparagraph (d)(8)(E), located within 1,640 feet of Sensitive Receptor(s), accruing at least six Validated Notices of Violation in any rolling 36-month period, starting from the date of issuance of any Validated Notice of Violation, for causing or allowing Track-Out exceeding the cumulative length limit specified in clause (d)(1)(A)(iii), shall, within 90 days of the sixth Validated Notice of Violation resolution:

(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 signage in accordance with subparagraphs (i)(1)(A) and (i)(1)(B) 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.

(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.

(6) No later than 30 days prior to the applicable compliance date, the owner or operator of a Permanent or Temporary Facility/Operation electing to request a one-time extension to the compliance deadline date specified in paragraphs (h)(1), (h)(2), (h)(3), or (h)(4) shall submit to the Executive Officer documentation to demonstrate the delay is caused by reasons beyond the facility/operation's control.

(7) The Executive Officer will notify the owner or operator of a Permanent or Temporary Facility/Operation in writing whether the extension requested

pursuant to paragraph (h)(6) is approved. Approval of the extension will be based on information submitted pursuant to paragraph (h)(6).

(i) Signage Requirements

(1) Beginning March 4, 2027 or prior to the start of initial operation, whichever is later, the owner or operator of a Permanent or Temporary Facility/Operation shall install and maintain applicable on-site signage specified in clause (d)(7)(A)(ii), subparagraph (d)(8)(C), clause (d)(8)(D)(v), and clause (d)(8)(E)(v) that meets the following:

(A) Install in a location at a minimum of six feet and maximum of seven feet above grade from the bottom of the sign and visible to all drivers of Aggregate or Mixer Trucks traveling across the facility/operation; and

(B) Display lettering at least four inches tall with text contrasting with the sign background.

(2) Beginning March 4, 2027 or prior to the start of initial operation, whichever is later, the owner or operator of a Permanent or Temporary Facility/Operation shall install and maintain signage that meets the following:

(A) Visible to the public and installed in a location within 50 feet of each facility entrance with the lower edge of the sign located at a minimum of six feet and maximum of seven feet above grade;

(B) Minimum dimensions of 48 inches by 96 inches constructed with one-inch-thick A/C laminated plywood board or material with similar strength and durability;

(C) Display lettering at least four inches tall with text contrasting with sign background; and

(D) Display the following information in English and Spanish:

(i) Local or toll-free phone number for the site contact that is accessible 24 hours a day;

(ii) Notification statement:

"TO REPORT AIR QUALITY ISSUES SUCH AS DUST FROM THIS FACILITY, PLEASE CALL [FACILITY CONTACT AND PHONE NUMBER] OR THE SOUTH

COAST AIR QUALITY MANAGEMENT DISTRICT AT 1-800-CUT-SMOG"; and

(i) (2) (D) (iii) Notification statement:

"PARA REPORTAR PROBLEMAS DE CALIDAD DEL AIRE COMO OLORES, POLVO O HUMO DE UNA INSTALACIÓN, LLAME A [CONTACTO DE LA INSTALACIÓN Y NÚMERO DEL TELÉFONO] O AL EL DISTRITO DE ADMINISTRACIÓN DE LA CALIDAD DEL AIRE DE LA COSTA SUR AL 1-800-CUT-SMOG".

(j) Exemptions

(1) The following activities will be exempt from requirements set forth in clauses (d)(1)(A)(i), (d)(1)(A)(ii), and (d)(1)(A)(iii):

(A) The first eight hours of the new equipment initial start-up and the first two 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 clauses (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 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 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

(j) (2) (B) (iii) within 15 minutes of each Loading activity, water is applied to un-stabilized areas of Open Storage Piles 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 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 Dust 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 Haul Trucks traveling to and from maintenance areas are exempt from the requirement to use internal unpaved Haul 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)(D).

(j) (8) Truck Trimming Areas are exempt from the requirement in subparagraph (d)(1)(D).

(9) Facilities where Aggregate Trucks are not used to carry Aggregate Or 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)(D).

(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)(D)(i) through (d)(8)(D)(vii), and applies a gravel pad that meets the criteria set forth in subparagraph (d)(1)(E) 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)(E) 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 (f)(9). The facility shall inform the South Coast AQMD in the case that they operate more than 52 days per year based on the average of a rolling three-year period. 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 (g)(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).

(j) (12) Prior to March 4, 2027, Construction And Demolition Debris Transfer Stations are not subject to the applicable requirements of subdivision (d) and subdivision (f).

(13) The provisions of this rule shall not apply to facilities subject to Rule 410 – Odors From Transfer Stations and Material Recovery Facilities.