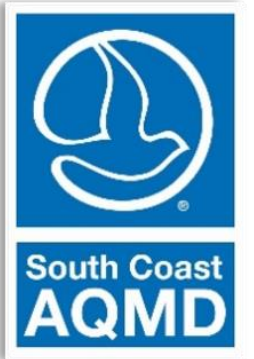


Public Workshop
September 6, 2022, 10:00AM



PROPOSED RULE 1460 – CONTROL OF PARTICULATE EMISSIONS FROM METAL RECYCLING AND SHREDDING OPERATIONS

Join Zoom Meeting

https: <https://scaqmd.zoom.us/j/97315844159>

Zoom Webinar ID: 973 1584 4159

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South Coast AQMD

- Local air pollution control agency
 - Largest of the 35 local air agencies in CA and in the U.S.
 - 10,743 square miles
 - 17 million residents
- Responsibilities
 - Regulate air emissions from stationary sources
 - Permit and inspect 28,400 affected businesses
 - Develop and implement plans to meet State and Federal air quality standards
 - Administer over \$100 million of incentive funding annually



Background

- In 2017, Assembly Bill 617 (AB 617) was signed into law and requires the development of strategies to reduce toxic air contaminants and criteria pollutants in designated communities
- South Coast AQMD has been working with stakeholders to develop Community Emission Reduction Plans (CERPs) to identify air quality issues and emission and exposure reduction within designated AB 617 communities
- Several communities expressed concerns with emissions from metal recycling facilities
- The Southeast Los Angeles CERP (adopted December 2020) and the South Los Angeles CERP (adopted in June 2022) included the following strategy:

Chapter 5e: Metal Processing Facilities

Initiate rule development process to address housekeeping and best management practices at metal recycling facilities to reduce fugitive emissions

Overview

- Preliminary draft rule language based on initial rule concepts presented at Working Group meetings and incorporates stakeholder input
- Proposed Rule 1460 (PR 1460) will minimize fugitive particulate emissions from metal recycling and shredding facilities by incorporating requirements such as:



Best Management Practices



Housekeeping

- Presentation will summarize key provisions of preliminary draft rule language

PRELIMINARY DRAFT RULE LANGUAGE

PR 1460 Structure

- (a) Purpose
- (b) Applicability
- (c) Definitions
- (d) Registration Requirements
- (e) Housekeeping Requirements
- (f) Best Management Practices Requirements
- (g) Signage Requirements
- (h) Prohibitions
- (i) Requirements for New Metal Recycling or New Metal Shredding Facilities
- (j) Recordkeeping
- (k) Fees
- (l) Wind Monitoring Requirements
- (m) Exemptions

Purpose (a) and Applicability (b)

- The purpose of the PR 1460 is to minimize fugitive particulate emissions from metal recycling and metal shredding facilities
- PR 1460 will be applicable to metal recycling and metal shredding facilities
 - All sources of fugitive dust, including PR 1460 facilities, are also subject to the applicable provisions in South Coast AQMD Rule 403



Definitions (c)

- PR 1460 definitions are based on
 - Existing South Coast AQMD rules
 - Industry terminology
 - Adaptations from other regulatory programs
- For clarity throughout the rule, terms defined in subdivision (c) are capitalized
- Metal Recycling and Metal Shredding Facility definitions adapted from California Code of Regulations, Title 14, Section 17402.5
- Key definitions are highlighted throughout the presentation

- (7) METAL RECYCLING FACILITY means any facility used for the receipt, storage, segregation, or separation of Scrap Metal and mixed materials for reuse or resale, whose primary business is the purchasing; processing by shearing, baling, sorting, or torching; trading, or receiving secondhand or castoff metal material which includes, but is not limited to, Ferrous Metals, Non-Ferrous Metals, auto bodies, and major appliances.
- (10) METAL SHREDDING FACILITY means any Metal Recycling Facility that accepts Scrap Metal and uses a Metal Shredder to mechanically rend that Scrap Metal into smaller pieces and separates the Ferrous Metals, Non-Ferrous Metals, and other materials for the purpose of recycling.

Registration (d)(1)

- Existing facilities are required to register with South Coast AQMD by January 1, 2023
 - Registration includes facility information [listed in subparagraphs (d)(1)(A) through (d)(1)(F)]
- Staff will develop a registration form to help facilities comply and consider allowing electronic submittal

(d) Registration Requirements

- (1) On or before January 1, 2023, the owner or operator of an Existing Metal Recycling Facility or Existing Metal Shredding Facility 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) Number of employees at the facility;
 - (F) Hours of operation;


Registration (d)(1) (cont.)

- Information required continues in subparagraphs (d)(1)(G) through (d)(1)(M)]
- Information about surrounding Sensitive Receptors [subparagraph (g)(1)(H)] can be obtained through online mapping tools (e.g., Google Maps)

- (d)(1)(G) Facility acreage;
- (H) Whether a Sensitive Receptor is within 100 meters (328 feet) of facility boundary;
- (I) Identification (ID) and/or permit numbers issued by either the California Integrated Waste Management Board or the Local Enforcement Agency;
- (J) Facility ID issued by the South Coast AQMD, if applicable;
- (K) Any equipment that requires a South Coast AQMD Permit to Operate, if applicable;
- (L) Torch cutting equipment; and
- (M) Facility Throughput in tons per year for the preceding calendar year based on the following ranges:
 - (i) Less than 1,000 tons;
 - (ii) Greater than or equal to 1,000 tons and less than 25,000 tons;
 - (iii) Greater than or equal to 25,000 tons and less than 50,000 tons;
 - (iv) Greater than or equal to 50,000 tons and less than 75,000 tons;
 - (v) Greater than or equal to 75,000 ton and less than 100,000 tons; or
 - (vi) Greater or equal to 100,000 tons.

Registration (d)(2) and (d)(3)

- New metal recycling and metal shredding facilities will also be required to register prior to beginning operations
- If there are changes from the previous registration, facilities are required to update South Coast AQMD by January 15, 2024, and each year thereafter
- Updates are required for information listed in subparagraph (d)(3)(A) through (d)(3)(G)

- (2) After *[Date of Adoption]*, the owner or operator of a New Metal Recycling Facility or New Metal Shredding Facility shall register with the South Coast AQMD by submitting the information in subparagraphs (d)(1)(A) through (d)(1)(~~LM~~) prior to the first day of metal recycling or metal shredding operations. 
- (3) No later than January 15, 2024, and no later than January 15 of every year thereafter, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall submit, the information required by paragraph (d)(1) if there are changes in the previous year to any of the following information included in a prior registration:
- (A) Facility location address and mailing address;
 - (B) Facility legal owner(s), telephone number, email address, and mailing address;
 - (C) Site manager, email address, and telephone number;
 - (D) Facility Throughput range;
 - (E) Installation of new or additional torch cutting equipment;
 - (F) Whether new or additional Sensitive Receptor(s) is located within 100 meters (328 feet) of facility boundary; or
 - (G) Whether a Sensitive Receptor(s) previously located within 100 meters (328 feet) of the facility boundary closes or relocates beyond 100 meters (328 feet) of the facility boundary.

Housekeeping (e)

- Facilities required to use a Prescribed Cleaning Method for daily cleaning
- Requirements specific to:
 - Traffic areas
 - Metal recycling and shredding processing and storage areas
- Store material collected from housekeeping in covered containers to prevent re-entrainment

(e) Housekeeping Requirements

- (1) Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall use a Prescribed Cleaning Method to clean the following areas daily:
 - (A) Traffic areas used by vehicles throughout the facility including, but not limited to, internal travel areas, the entrance, exit, and truck scales; and
 - (B) The exposed exterior ground surfaces where Scrap Metal unloading and loading, sorting, shearing, torch cutting, baling, shredding, or Scrap Metal storage activities take place.
- (2) Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall store all materials collected from the housekeeping requirements pursuant to paragraph (e)(1) in covered containers. The container shall remain covered except when being filled.

(c)(15) **PRESCRIBED CLEANING METHOD** means a process to remove or collect debris using a wet mop, damp cloth, wet wash, low-pressure spray nozzle, wet vacuum, dry vacuum with dust suppression, or a combination of the above methods which minimizes Fugitive Dust emissions.

Best Management Practices (f)(1)

- Facilities required to use water to minimize Fugitive Dust emissions during metal recycling and shredding operations such as:
 - Unloading and loading Scrap Metal
 - Handling Scrap Metal
 - Processing Scrap Metal

(f) Best Management Practices Requirements

(1) Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall apply water at sufficient quantities and frequencies to minimize Fugitive Dust emissions from:

- (A) Unloading or loading Scrap Metal from or into vehicles or containers;
- (B) Handling Scrap Metal for transportation throughout the facility; and
- (C) Processing Scrap Metal by activities including, but not limited to, sorting, shearing, baling, or shredding.

(c)(5) 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.

Best Management Practices (f)(2)

- Scrap Metal storage piles are metal piles composed of mixed metals
- Facilities have three options to minimize Fugitive Dust from Scrap Metal storage piles:
 - Daily watering
 - Three-sided wall enclosure
 - Three-sided windscreen enclosure

- (2) Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall utilize at least one of the following measures to minimize Fugitive Dust emissions from Scrap Metal storage piles, excluding Homogenous Metal Piles:
- (A) Apply water daily, except on days where there is 0.1 inches or more of precipitation, at sufficient quantities and frequencies;
 - (B) Store Scrap Metal storage piles within an enclosure with at least three walls that extend at least two feet above the height of the Scrap Metal storage piles; or
 - (C) Store Scrap Metal storage piles within a three-sided windscreen, with no more than a porosity of 50 percent, that is at least two feet above the height of the Scrap Metal storage piles.

Best Management Practices (f)(3)

- Homogenous Metal Piles are defined in (c)(6) and are composed of metals that do not contain dirt or debris
 - Different from Scrap Metal storage piles
- Homogenous Metal Piles will need to be labeled to keep track of when metal arrived at the facility
 - Recordkeeping requirements also specified in subdivision (j)
- If a Homogenous Metal pile is onsite for more than a week, facilities have three options to mitigate Fugitive Dust emissions:
 - Cover with plastic sheeting
 - Store within three-sided enclosure
 - Store within three-sided windscreen enclosure

- (3) Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility with Homogenous Metal Piles shall label and maintain Homogenous Metal Piles specifying metal type and arrival date of material to the facility. For any Homogenous Metal Pile that remains at the facility for more than a week, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall utilize at least one of the following measures to minimize Fugitive Dust emissions from Homogenous Metal Piles:
- (A) Cover with 10 mil thick intact plastic sheeting, free of tears and holes, when not actively adding or removing material to the pile during storage to minimize Fugitive Dust emissions;
 - (B) Store Homogenous Metal Piles within an enclosure with at least three walls that extend at least two feet above the height of the Homogenous Metal Pile; or
 - (C) Store Homogenous Metal Piles within a three-sided windscreen with no more than a porosity of 50 percent, that is at least two feet above the height of the Homogenous Metal Pile.

Best Management Practices (f)(4) and (f)(5)

- Facilities required to post signage limiting vehicle speeds to 15 miles per hour to reduce emissions generated from on-site vehicular activity by July 1, 2023
- By July 1, 2023, facilities that are within 100 meters of a Sensitive Receptor are required to:
 - Monitor wind speeds
 - Halt specific activities for 30 minutes if there is an instantaneous wind speed greater than 25 miles per hour

- (4) Beginning July 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall post signs at all entrances of the site to designate the vehicle speed limit as 15 miles per hour to minimize Fugitive Dust emissions.
- (5) Beginning July 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility within 100 meters (328 feet) from a Sensitive Receptor shall:
 - (A) Monitor wind speeds in accordance with subdivision (m); and
 - (B) Cease Scrap Metal unloading and loading, sorting, shearing, baling, torch cutting, and shredding activities for a period of at least 30 minutes following an instantaneous wind speed exceedance of 25 miles per hour.

Best Management Practices (f)(6)

- By January 1, 2025, existing facilities are required to pave the following areas with concrete or asphalt:
 - Unloading and loading areas
 - Sorting, shearing, torch cutting, baling, shredding
 - All Scrap Metal storage, including Homogenous Metal Piles
- Pavement is to be maintained in a condition to prevent Fugitive Dust emissions

- (6) Beginning January 1, 2025, the owner or operator of an Existing Metal Recycling Facility or Existing Metal Shredding Facility shall ensure the areas where Scrap Metal unloading and loading, sorting, shearing, torch cutting, baling, shredding, or Scrap Metal storage activities take place are paved with concrete or asphalt that is maintained in good operating condition to prevent the generation of Fugitive Dust.

Best Management Practices (f)(7) and (f)(8)

- Facilities required to control facility Track Out [not to exceed 25 feet in cumulative length from the facility]
 - Track Out to be removed at the end of each workday
- Facilities can install device(s) or use paved surfaces to prevent soil and other material from being tracked off the site by exiting vehicles

(7) Beginning July 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall not allow Track Out to exceed 25 feet or more in cumulative length from the facility. Notwithstanding the preceding, all Track Out from a facility shall be removed at the conclusion of each workday or evening shift.

(8) Beginning July 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall utilize at least one of the following at each vehicle egress:

- (A) A wheel shaker or wheel spreading device consisting of raised dividers (rails, pipe, or grates) at least 24 feet long and 10 feet wide;
- (B) A wheel washing system that is installed, operated, and maintained in accordance with the manufacturer's specifications; or
- (C) A paved surface at least 30 feet wide that extends at least 100 feet in length from the egress into the facility.

(c)(20) TRACK OUT means any material that adheres to and agglomerates on the exterior surface of motor vehicles, haul trucks, and equipment (including tires) that have been released onto a paved road and can be removed by a vacuum sweeper or a broom sweeper under normal operating conditions.

Best Management Practices (f)(9)

- Waste Material is defined in (c)(21) and is different from the material collected from housekeeping requirements pursuant to subdivision (e)
- Waste Material is required to be stored in containers that remain closed except when being filled or emptied

(9) Beginning July 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall store Waste Material in a container that shall remain covered except when being filled or emptied.

(c)(21) WASTE MATERIAL means material generated from Metal Recycling Facility or Metal Shredding Facility activities that is not intended for resale and includes, but is not limited to, plastics, vinyl, sponge, foam, leather, textiles, Soil, rubber, and glass.

Best Management Practices (f)(10) and (f)(11)

- Paragraphs (f)(10) and (f)(11) are specific to Metal Shredding Facilities
- Metal Shredder Residue is a byproduct of shredding activities and can include toxic materials
- Facilities shall store Metal Shredder Residue completely within a three-sided enclosure with no material overflow
- If a facility receives three or more Notices of Violations for failing to comply with the requirements of paragraph (f)(10), the facility has 180 days to store Metal Shredder Residue within a Building Enclosure

- (10) Beginning July 1, 2023, the owner or operator of a Metal Shredding Facility shall ensure:
- (A) All Metal Shredder Residue is stored within an enclosure with at least three walls that extend at least two feet above the height of the Metal Shredder Residue; and
 - (B) Metal Shredder Residue does not extend beyond the perimeter of the enclosure.
- (11) If the owner or operator of a Metal Shredding Facility receives three or more Notices of Violation for failing to comply with paragraph (f)(910), the owner or operator of a Metal Shredding Facility shall store the Metal Residue within a Building Enclosure within 180 days after receiving the third Notice of Violation.

Corrected rule reference

- (c)(1) **BUILDING ENCLOSURE** means a permanent building or physical structure, or a portion of a building, with a floor, walls, and a roof to prevent exposure to the elements, (e.g., precipitation, wind, run-off), with limited enclosure openings where openings are only to allow access for people, vehicles, equipment, or Scrap Metal.

Signage (g)(1)(A), (g)(1)(B), and (g)(1)(C)

- Beginning July 1, 2023, facilities will be required to install a sign identifying facility contacts
- Signage required:
 - Within 50 feet of all entrances to the facility
 - On sides of the facility that are visible to the public
- Subparagraphs (g)(1)(A) through (g)(1)(C) provides guidance on sign requirements (location and formatting)

(g) Signage Requirements

- (1) Beginning July 1, 2023, the owner or operator of an Existing Metal Recycling Facility or Existing Metal Shredding Facility shall install and maintain signage. Unless otherwise approved in writing by the Executive Officer pursuant to provisions of paragraph (g)(3), signage shall:
 - (A) Be installed:
 - (i) In a location visible to the public that is within 50 feet of all entrances to the facility; and
 - (ii) At a location on each side of the facility that is visible to the public.
 - (B) Be located between 6 and 8 feet above grade from the bottom of the sign;
 - (C) Display lettering at least 4 inches tall with text contrasting with the sign background; and

Signage (g)(1)(D)

- Signage will be required in English and Spanish
- Subparagraph (g)(1)(D) provides the notification statement required in both languages

- (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 ODORS, DUST, OR SMOKE FROM THIS FACILITY, PLEASE CALL [FACILITY CONTACT AND PHONE NUMBER] OR THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AT 1-800-CUT-SMOG®”;
 - and
 - (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®”.

Signage (g)(2), (g)(3), and (g)(4)

- New facilities will also be required to install signage pursuant to paragraph (g)(1)
- Facilities may request an alternative to signage requirements by:
 - Submitting a request to the Executive Officer 30 days before the effective date
 - Providing all supporting information to substantiate the request
- Executive Officer will notify facility of determination

- (2) Beginning [*Date of Adoption*], the owner or operator of a New Metal Recycling Facility or New Metal Shredding Facility shall comply with the signage provisions pursuant to paragraph (g)(1), prior to the first day of metal recycling or metal shredding operations.
- (3) **Alternative Signage Provisions**
The owner or operator of a Metal Recycling Facility or Metal Shredding Facility may request an alternative to the signage provisions in paragraph (g)(1) or (g)(2) by:
 - (A) Submitting a written request to the Executive Officer at least 30 days prior to the effective dates specified in paragraph (g)(1) or (g)(2) that includes all relevant information to substantiate the request; and
 - (B) Submitting any additional information requested by the Executive Officer within 14 days of the request.
- (4) The Executive Officer will notify the owner or operator of a Metal Recycling Facility or Metal Shredding Facility requesting an alternative signage provision pursuant to paragraph (g)(3) in writing if the request is approved or rejected. Approved alternative signage provisions are effective on the date of approval.

Prohibitions (h)

- Subdivision (h) is applicable to facilities that install or construct a new Metal Shredder
- Beginning January 1, 2023, all facilities will be required to install and operate new Metal Shredders within a Building Enclosure

(h) Prohibitions

Beginning January 1, 2023, an owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall not install or construct a Metal Shredder unless the equipment is located within a Building Enclosure when operating.

Requirements for New Metal Recycling or New Metal Shredding Facilities (i)

- All New Metal Recycling or New Metal Shredding Facilities are required to pave specified areas with concrete before beginning operations
- All New Metal Shredding Facilities required to store Metal Shredder Residue within a Building Enclosure

- (i) Requirements for New Metal Recycling or New Metal Shredding Facilities
- (1) The owner or operator of a New Metal Recycling Facility or New Metal Shredding Facility shall ensure the areas where Scrap Metal unloading and loading, sorting, shearing, torch cutting, baling, shredding, or Scrap Metal storage activities take place are paved with concrete.
- (2) The owner or operator of a New Metal Shredding Facility shall store Metal Shredder Residue within a Building Enclosure.
- (c)(11) NEW METAL RECYCLING FACILITY means any Metal Recycling Facility that begins operation on or after *[Date of Adoption]*.
- (c)(12) NEW METAL SHREDDING FACILITY mean any Metal Shredding Facility that begins operation on or after *[Date of Adoption]*.

Recordkeeping (j)(1), (j)(2), and (j)(3)

- Facilities required to maintain records of:
 - Monthly throughput
 - Housekeeping
 - Complaints received
- Records to be kept on-site for three years and made available upon request

(j) Recordkeeping

Beginning January 1, 2023, the owner or operator of a Metal Recycling Facility or Metal Shredding Facility shall keep and maintain the following records on-site for three years as follows and shall make them available to the Executive Officer upon request:

- (1) Records of Throughput for each calendar month that shall be completed no later than the 15th of the subsequent calendar month;
- (2) Daily records of housekeeping for all required activities that shall be completed by the end of each business day;
- (3) Complaints received by the facility, including the name of complainant and contact information (if provided), date and time, and action taken to mitigate the source of the complaint (if any);

Recordkeeping (j)(4), (j)(5), and (j)(6) (cont.)

- Facilities required to maintain records of:
 - Homogenous Metal Pile invoices
 - Wind monitoring results (if required)
 - Facility activity start and stop times if subject to wind monitoring requirements
- (4) Invoices for a Homogenous Metal Pile that demonstrate the delivery of Scrap Metal was solely aluminum or aluminum alloys, steel, or copper; and
 - (5) Results of wind monitoring, including:
 - (A) Data log of wind direction and windspeed including corresponding dates and times;
 - (B) Movement of monitoring instruments corresponding to wind direction changes;
 - (C) Instrument make, model and settings;
 - (D) Proof of valid calibration in accordance with manufacturer's recommended schedule;
 - (E) Configuration, calibration, correction, and correlation factors; and
 - (F) Log of maintenance activity.
 - (6) Records of start and stop time pursuant to subparagraph (f)(5)(B).

Fees (k)

- Facilities registering or updating registration information are subject to fees pursuant to Rule 306 - Plan Fees (Rule 306)
- Filing fee is approximately \$180 for most facilities, \$225 for larger (Title V) facilities

(k) Fees

- (1) The owner or operator of a Metal Recycling Facility or Metal Shredding Facility subject to the registration requirements pursuant to paragraphs (d)(1) and (d)(2) shall pay a plan filing fee pursuant to Rule 306 – Plan Fees (Rule 306) at the time of registration.
- (2) The owner or operator of a Metal Recycling Facility or Metal Shredding Facility that updates registration information pursuant to paragraph (d)(3) shall pay a plan filing fee pursuant to Rule 306 at the time of updating registration information.

Wind Monitoring Requirements (I)

- Subdivision (I) includes wind monitor performance standards for facilities that are within 100 meters of a Sensitive Receptor and subject to subparagraph (d)(5)(A) provisions
- The minimum standards for a stationary anemometer are listed in paragraphs (I)(1) through (I)(5) and are based on provisions in existing south Coast AQMD rules

(I) Wind Monitoring Requirements

The owner or operator of a Metal Recycling Facility or Metal Shredding Facility required to conduct wind monitoring pursuant to subparagraph (f)(5)(A), shall monitor wind direction and speed using a minimum of one stationary anemometer or wind sensor that:

- (1) Is sited over open, level terrain within the facility site with minimal obstructions to the wind flow at a minimum height of eight feet above grade;
- (2) Meets the performance criteria of:
 - (A) Wind direction accuracy of ± 7 degrees and resolution of 1 degree; and
 - (B) Wind speed accuracy of 2 miles per hour (mph) or ± 5 percent of the observed wind speed, whichever is greater, and resolution of 1 mph;
- (3) Has a National Institute of Standards and Technology (NIST) Traceability certification;
- (4) Is equipped with a data logger that records wind direction and speed data once every 1 minute or less and archives the recorded wind direction and speed data, including the date and time, calibrated to PST; and
- (5) Is operated, calibrated, and maintained in accordance with manufacturer's specifications, but no less frequent than once every 6 months of cumulative operation.

Exemptions (m)(1)

- PR 1460 will not be applicable to:
 - Auto dismantlers
 - Metal melting facilities
 - Lead processing facilities

(m) Exemptions

(1) The provisions of this rule shall not apply to:

- (A) Auto dismantlers that are engaged in the buying, selling, or dealing in vehicles, including nonrepairable vehicles, for the purpose of dismantling the vehicles, buying, or selling the integral parts and component materials thereof, in whole or in part, or dealing in used motor vehicle parts.
- (B) Metal melting facilities or lead processing facilities that are subject to the following South Coast AQMD rules:
 - (i) Rule 1407 – Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Chromium Metal Melting Operations;
 - (ii) Rule 1407.1 – Control of Toxic Air Contaminant Emissions from Chromium Alloy Melting Operations;
 - (iii) Rule 1420 – Emissions Standard for Lead;
 - (iv) Rule 1420.1 – Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities; or
 - (v) Rule 1420.2 – Emission Standards for Lead from Metal Melting Facilities.

Exemptions (m)(1) (cont.)

- PR 1460 will not be applicable to:
 - Recycling centers
 - Material recovery facilities

- (C) Recycling centers where the primary business is to accept and pay for or provide the refund value for empty beverage containers intended to be recycled from consumers; and
- (D) Material recovery facilities holding a valid solid waste permit where solid waste or recyclable materials are sorted or separated, by hand or by use of machinery, into recyclable materials and residual waste, for the purposes of recycling or composting, and offsite disposal of residual waste.

Exemptions (m)(2)

- Subparagraph (f)(5)(B) requires facilities within 100 meters of a Sensitive Receptor to cease activities following an instantaneous wind speed exceeding 25 miles per hour
- Under paragraph (m)(2), activities conducted within a Building Enclosure do not need to be halted

(2) The provisions of subparagraph (f)(5)(B) shall not apply to Scrap Metal unloading and loading activities, sorting, shearing, baling, torch cutting, or shredding activities conducted within a Building Enclosure.

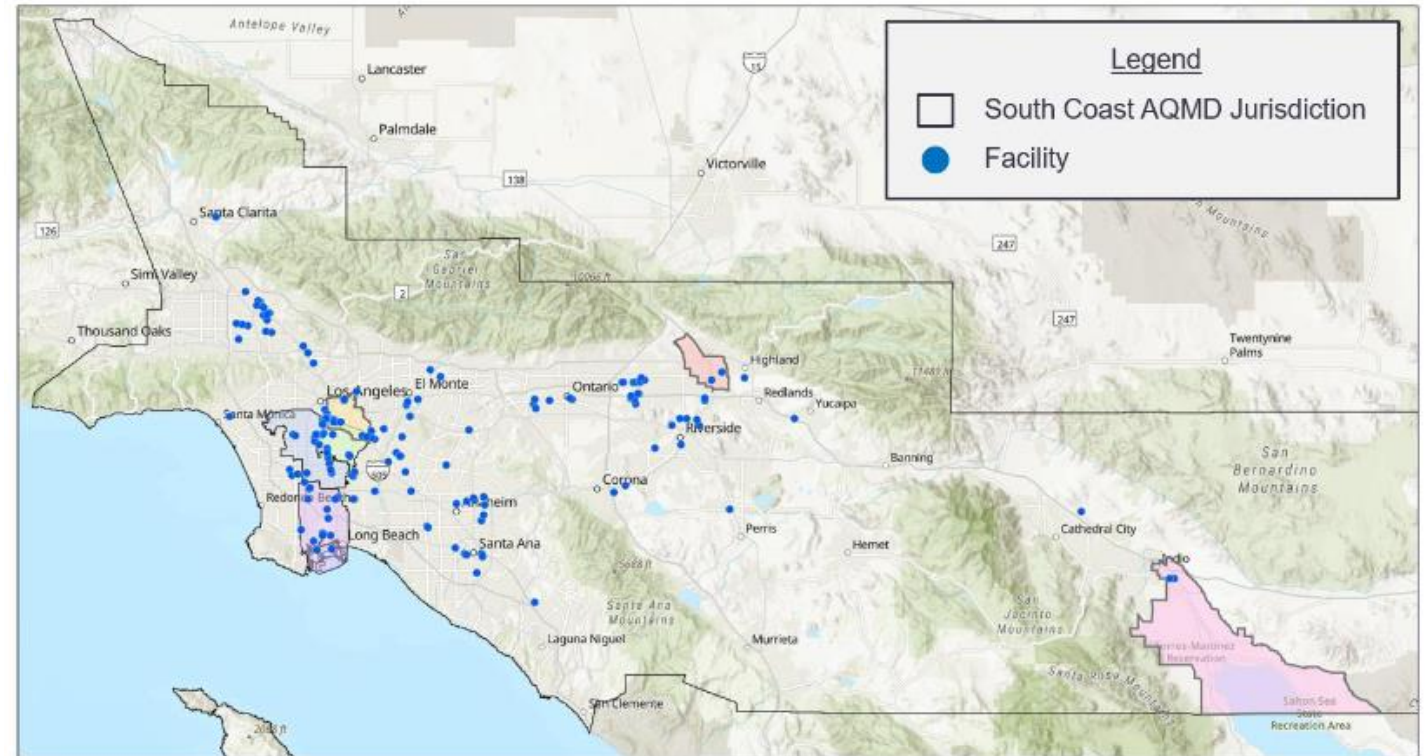
(f)(5)(B) Cease Scrap Metal unloading and loading, sorting, shearing, baling, torch cutting, and shredding activities for a period of at least 30 minutes following an instantaneous wind speed exceedance of 25 miles per hour.

Recent Stakeholder Comments

- Staff has received comments on:
 - Requirements for dust control on different types of storage piles
 - Requests for clarifications to certain definitions
 - Specifying methods to identify Sensitive Receptors in rule language (e.g., Google Maps)
 - South Coast AQMD Rule 403 applicability
 - Requirements for facilities near Sensitive Receptors during windy conditions
 - Requirements for signage
 - Exemptions for maintenance and repair activities
- Staff will consider all stakeholder requests and comments as they are received and will modify PR 1460 as needed

Affected Facilities

- Generally classified under NAICS code 423930 – Recyclable Material Merchant Wholesalers
- Approximately 200 facilities may be subject to PR 1460
- Of the 200 facilities, five metal shredding facilities have been identified



California Environmental Quality Act (CEQA)

- The South Coast AQMD, as lead agency, is reviewing the PR 1460 project to determine if it will result in any potential adverse environmental impacts
- Appropriate CEQA documentation will be prepared based on the analysis

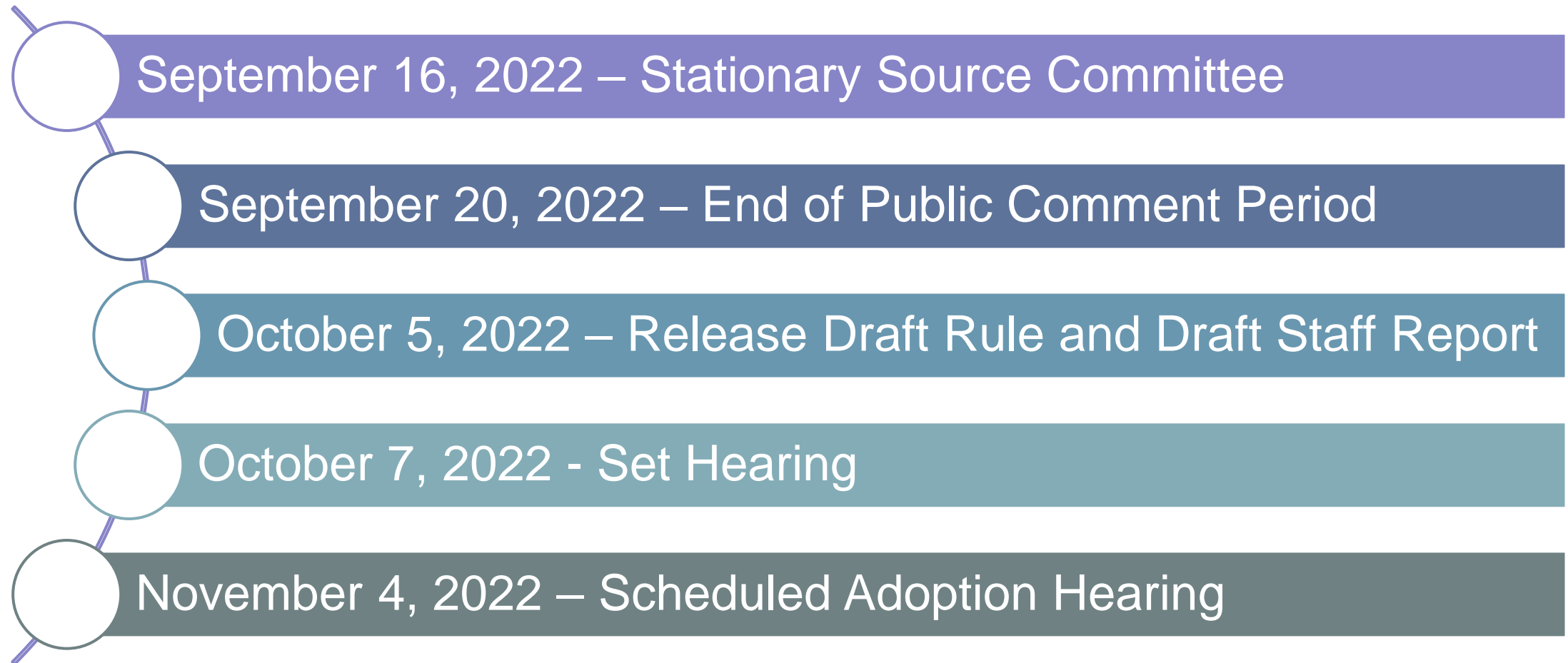
Socioeconomic Impact Assessment

- California Health and Safety Code Section 40440.8 and 40728.5
 - Requires socioeconomic impact assessment for proposed rule or rule amendment which “will significantly affect air quality or emissions limitations”
 - Socioeconomic impact assessment shall consider (to the extent data is available):
 1. Type of affected industries, including small businesses
 2. Impact on regional employment and economy
 3. Range of probable costs, including costs to industry or business
 4. Availability and cost-effectiveness of alternatives
 5. Emissions reduction potential
 6. Necessity of adopting, amending, or repealing the rule

Cost Considerations

- One-time compliance costs
 - Capital costs for signage, registration fees, wind monitoring equipment (if applicable)
- Recurring costs
 - Housekeeping (e.g., cleaning requirements)
 - Best Management Practices (e.g., watering)
 - Recordkeeping (e.g., recordkeeping of housekeeping and best management practices, wind parameter monitoring)
- Recurring costs for housekeeping and recordkeeping assume additional labor hours with existing workforce
- Staff is looking for input on these and/or other costs

Key Dates



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