ENVIRONMENTAL JUSTICE ADVISORY GROUP

Advisory Group Members

Dr. Joseph Lyou, Chair
Dr. Clark E. Parker, Vice-Chair
Ben Benoit, Councilmember, City of Wildomar

Rhetta Alexander
Marc Ang
Manuel Arredondo
Dr. Lawrence Beeson
Suzanne Bilodeau
Paul Choe
Kerry Doi
Dr. Afif El-Hasan
Mary Figueroa
Myron Hale

Dr. Monique Hernandez
Dr. Jill Johnston
Maria Elena Kennedy
Evelyn Knight
Angelo Logan
Humberto Lugo
David McNeill
Daniel Morales
Donald Smith
Rafael Yanez

January 18, 2019 ◆ 12:15 p.m. ◆ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765-4182

Call-in for listening purposes only is available by dialing:
Toll Free: 1-888-450-5996
Listen Only Passcode: 5186941
In addition, a webcast is available for viewing and listening at:
http://www.aqmd.gov/home/library/webcasts

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov’t. Code Section 54854.3(a)). Please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item. If no cards are available, please notify SCAQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.
CALL TO ORDER

ACTION ITEMS (Items 1 through 3):

1. Call to Order/Opening Remarks
   (No Motion Required)
   Dr. Joseph Lyou
   Chair

2. Approval of October 26, 2018 Meeting Minutes
   (Motion Required)
   Dr. Joseph Lyou
   [Attachment 1]

3. Review of Follow-Up/Action Items
   (No Motion Required)
   Fabian R. Wesson
   Assistant Deputy Executive Officer
   Legislative, Public Affairs & Media
   SCAQMD
   Staff will review the follow-up/action items identified in the previous meeting.

DISCUSSION ITEMS (Items 4 through 6):

4. AB 617 Updates
   (No Motion Required)
   Jo Kay Ghosh
   Health Effects Officer
   Planning, Rule Development & Area Sources
   SCAQMD
   Staff will provide updates on AB 617 implementation process in the three communities within the South Coast Air Basin.

5. Electric Leaf Blower Incentive Programs
   (No Motion Required)
   Lourdes Cordova Martinez
   Senior Public Affairs Manager
   Science & Technology Advancement
   SCAQMD
   Staff will provide information and current status of electric leaf blower incentive programs.

6. Smartphone Air Quality Applications Update
   (No Motion Required)
   Ron Moskowitz
   Chief Information Officer
   Information Management
   SCAQMD
   Staff will provide a status update on the SCAQMD smartphone application and information on similar applications.

OTHER MATTERS:

7. Other Business
   Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2)
   Staff
8. Public Comment Period
   At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

9. Next Meeting Date – Friday, April 26, 2019

ADJOURNMENT

Document Availability
All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.

Americans with Disabilities Act
The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Environmental Justice Advisory Group meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Brandee Keith at (909) 396-3952 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to bkeith@aqmd.gov.
AGENDA ITEM #2

APPROVAL OF October 26, 2018
MEETING MINUTES
[ATTACHMENT 1]
MEMBERS PRESENT:

Dr. Joseph Lyou, SCAQMD Governing Board, EJAG Chairman
Rhetta Alexander, Valley Interfaith Council
Manuel Arredondo, Coachella Valley School District, Retiree
Dr. Larry Beeson, Loma Linda University, School of Public Health
Suzanne Bilodeau, Knott’s Berry Farm
Kerry Doi, Pacific Asian Consortium in Employment
Mary Figueroa, Riverside Community College
Dr. Jill Johnston, University of Southern California
Daniel Morales, National Alliance for Human Rights
David McNeill, Baldwin Hills Conservancy
Donald Smith, 136th Street Block Club
Rafael Yanez, Member of the Public

MEMBERS ABSENT:

Ben Benoit, SCAQMD Governing Board
Dr. Clark E. Parker, SCAQMD Governing Board, Vice Chair
Paul Choe, Korean Drycleaners & Laundry Association
Dr. Afif El-Hasan, American Lung Association
Myron Hale, SLMQM
Dr. Monique Hernandez, California State University, Los Angeles
Maria Elena Kennedy, Quail Valley Task Force
Evelyn Knight, Long Beach Economic Development Commission
Angelo Logan, Occidental College & East Yard Communities for Environmental Justice

SCAQMD STAFF:

Fabian Wesson, Assistant Deputy Executive Officer, LPAM
Nancy Feldman, Principal Deputy District Counsel, Legal
Alicia Rodriguez, Senior Public Information Specialist
Dr. Jo Kay Ghosh, Health Effects Officer
Anna Yoo, Staff Assistant
Brandee Keith, Secretary
CALL TO ORDER
Dr. Joseph Lyou called the meeting to order at 12:00 p.m.

APPROVAL OF JULY 27, 2018 MEETING MINUTES
Mr. Manuel Arredondo motioned to approve the July 27 minutes without changes. Mr. Rafael Yanez seconded the motion and minutes were approved.

REVIEW OF FOLLOW-UP/ACTION ITEMS – MS. FABIAN R. WESSION
There were no follow-up actions from the previous meeting.

DISCUSSION ITEMS
AB 617 Updates – Dr. Jo Kay Ghosh

Dr. Jo Kay Ghosh delivered a presentation detailing updates on the AB 617 implementation, notably the current search for interested parties to participate in community steering committees to advise and guide implementation efforts.

Mr. David McNeill asked what the criteria was for participating in one of the community steering committees. Dr. Ghosh listed the criteria by which interested parties might be chosen, including active participation in community organizations. Also to be considered would be members of public agencies, current residents in the respective communities, and owners or employees of local businesses.

Ms. Rhetta Alexander asked if there would be a specific target number of members for the steering committees, and Dr. Ghosh explained SCAQMD would be looking for about 30 members.

Mr. Rafael Yanez asked for details on the scheduling and time commitments expected of members. Dr. Ghosh outlined the approximate plan for meetings, saying SCAQMD would request a 1-year commitment and expected dynamic involvement from selected members. Mr. Yanez asked what time of day the meetings might be held and Dr. Ghosh replied that while so far the meetings had been scheduled during late afternoon and evening hours, there could be adjustments made to the schedules based on the needs and availability of steering committee members.

Mr. McNeill asked for a copy of the Interest Card and Dr. Ghosh directed him to the website to find the form. Mr. Daniel Morales inquired as to the deadlines for the interest forms to be submitted for the Muscoy area, since according to Dr. Ghosh's presentation, the deadline of October 19 had already passed. Dr. Ghosh said the deadline would be extended for more applicants in the area.

Ms. Rhetta Alexander asked which entities would be making the suggestions or decisions regarding the selection for the committees. Dr. Ghosh explained a panel would be convened including members of local agencies and organizations.

Ms. Mary Figueroa asked for clarification on outreach efforts to generate local interest in the steering committees. Dr. Ghosh explained that in addition to the community meetings at which
interest cards were made available, information had been sent out via email blasts and direct contact, as well as outreach to local elected officials’ offices.

Dr. Joseph Lyou drew attention to the deadlines involved in proposing best practices or best available technologies, and asked for clarification on whether steering committee members would be offered a per diem for their participation. Dr. Ghosh stated there had not been any per diem outlined so far, but one could be implemented after discussion and approval. Dr. Lyou also asked for clarification on issues raised in inter-agency relations to emissions reporting. Ms. Jill Whynot was asked to comment.

Ms. Whynot explained that SCAQMD had programs to collect inventory reporting from area sources. The State would also be required to establish a unified reporting program for emitters under the cap-and-trade program. CARB and SCAQMD are determining which facilities must provide inventory reporting. Mr. Rafael Yanez brought up that the State intended to move to a more unified permitting process for certain sources. He explained communities expressed concerns the area sources were not always required to demonstrate relevant reporting data. Mr. Yanez suggested that concerned parties would prefer to cast a wide net for reporting and permitting. He asked if the steering committees would be exposed to CARB-related issues and have any input on CARB-related matters. Dr. Ghosh confirmed the steering committees would.

Dr. Jill Johnston expressed concern that not all members involved in the discussion on implementation would have as much understanding and first-hand experience with air quality monitoring and emissions reduction. Dr. Lyou expressed agreement on the importance of bringing communities up to speed on issues pertaining to their specific regulatory needs. He also expressed understanding community concerns about possible sources that had not yet been identified. Ms. Whynot mentioned future monitoring efforts would account for “unknown” toxics more easily than extensive inventory reporting.

Mr. Yanez suggested the District might find methods to assist companies with better and more efficient source testing. Mr. McNeill proposed some thoughts on being able to break information down to be more easily shared out to residents. Dr. Lyou and Ms. Whynot shared some past and future efforts undertaken in order to help disperse information and educate residents.

**Fourth Annual Environmental Justice Conference Update – Alicia Rodriguez**

Ms. Alicia Rodriguez delivered a presentation on the recent Environmental Justice Conference. Ms. Rhetta Alexander expressed her congratulations to the staff for a successful conference, and Mr. Kerry Doi asked if there had been any impact studies done on matters like emissions reductions, and expressed that would be a subject of interest for a future conference. Ms. Alexander expressed that she heard about a Proposed Rule 1410 during a Q&A at the conference, and asked if it might become the subject of a future presentation.

**Action Item:** Staff to work with Planning, Rule Development & Area Sources on providing information to Ms. Alexander about Proposed Rule 1410.

**OTHER MATTERS:**
Member Updates

Mr. Daniel Morales brought up an ongoing dispute in Colton and a meeting held by AQMD, and expressed thanks to the staff for participation. Ms. Fabian Wesson promised a flyer would be sent out to the Advisory Group pertaining to future meetings on the dispute.

**Action Item:** Staff to send EJAG information on the upcoming Facility-Based Mobile Source Measures meeting.

**Action Item:** Staff to send EJAG the link of the Facility-Based Mobile Source Measures webpage with information on where to find presentations and future meetings.

Mr. Donald Smith asked about efforts to address emissions from leaf blowers, and Dr. Lyou explained there were ongoing efforts within the agency, and the subject could be brought forward in a presentation at a future meeting.

**Action Item:** Staff to give a presentation to EJAG on the Electric Lawn and Garden Equipment program at SCAQMD.

Dr. Jill Johnston requested that SCAQMD commit to giving regular timeline updates on AB 617.

**Action Item:** Staff to give regular timeline updates to EJAG.

Ms. Mary Figueroa shared a concern for the lack of information available to communities in close proximities to toxic emissions sources and indirect sources. She listed several new developments being approved in spite of community concerns. Dr. Lyou request staff put Ms. Figueroa in contact with appropriate SCAQMD contacts to improve communication and response to specific incidents. Ms. Figueroa asked whether SCAQMD and the Governing Board was made of aware of each project as it was approved, and Dr. Lyou explained that not all projects were necessarily brought to SCAQMD’s attention.

**Action Item:** Staff connect Ms. Mary Figueroa to Planning, Rule Development & Area Sources regarding indirect source rules in Riverside.

Ms. Rhetta Alexander asked if anything was being done to require conscientious practices in new developments, and Dr. Lyou shared efforts in conjunction with rules and rule proposals with the intention of improving adoption of better environmentally friendly procedures.

Ms. Alexander asked how close the industry was to adopting alternative-fuel trucks, and Dr. Lyou outlined ongoing efforts to generate adoption of alternative-fuel truck transport.

Public Comment Period

There was no public comment.

Next Meeting Date – Friday, January 18, 2019.

Dr. Lyou requested a possible poll to reschedule the January meeting.
Action Item: Staff to send a poll to EJAG regarding whether the next meeting be held on January 18, 2019 or January 25, 2019.

ADJOURNMENT – Dr. Lyou adjourned the meeting at 1:45 pm.
AGENDA ITEM #5

Overview on Commercial Electric Lawn & Garden Equipment Incentive and Exchange and Residential Lawn Mower Rebate Programs

[ATTACHMENT 2]
EJAG Presentation

Overview on Commercial Electric Lawn & Garden Equipment Incentive and Exchange and Residential Lawn Mower Rebate Programs

Lourdes Cordova Martinez
Sr. Public Affairs Manager

AQMD Early Programs

• In 2006 introduced a Commercial Leaf Blower Exchange Program to encourage purchase of lower-emission equipment
• Over 12,000 leaf blowers exchanged
  – In 2016 introduced battery-electric models
  – In 2017 only offered battery electric blowers
  – In 2019 new Commercial Electric Lawn & Garden Equipment Incentive and Exchange Program
CARB Efforts

• Small Off Road Engine Exhaust Standards
  – Includes lawn and garden equipment
  – 16.5 million pieces of equipment statewide
    ■ 14.3 million residential
    ■ 2.2 million commercial

• Address Operator Exposure, Health Risks and Pathways to Zero Emission Equipment

Commercial Lawn & Garden Program

• Funded with $2.4 million from U.S. EPA Targeted Air Shed Grant Program and AQMD’s Air Quality Investment program
• Promote the use of battery-electric lawn and garden equipment to reduce air toxics, fine particles and CO
  – Six manufacturers selected to participate who will offer trimmers, chainsaws, pruners, backpack and handheld leaf blowers and ride-on, stand-on, walk-behind and robotic lawn mowers
Manufacturers Selected

- Echo
- Husqvarna Group
- Makita U.S.A.
- Mean Green Products
- Oregon
- Pacific STIHL

Commercial Electric Lawn and Garden Equipment Exchange Program

- Replace up to 5,600 pieces of old gasoline or diesel-powered commercial lawn and garden equipment with new battery-electric models
- Must scrap a working piece of equipment to be eligible to purchase new battery electric equipment at a discounted price
- Program will start January 29 and eligible participants include commercial landscapers and gardeners, local governments, school districts, colleges and nonprofit organizations
**Commercial Electric Lawn and Garden Equipment Exchange Program**

- Manufacturers have dealer locations throughout AQMD’s four county region
- Old equipment will be tested for operation, drained of all fluids and permanently destroyed by a licensed dismantler
- SCAQMD will share participant data with CARB, who will conduct a future survey of participants and quantify the actual emissions reduced from equipment scrapped through the program—and also use of zero emission equipment

**Commercial Electric Lawn and Garden Equipment Exchange Program (Example)**

- STIHL leaf blower with backpack battery and a charger
- MSRP = $1,390
- Discounted price = $1,080
- Participant cost = $540
- SCAQMD incentive = $540
Commercial Electric Lawn and Garden Equipment Exchange Program Outreach

- Distribute program brochure and factsheet through cities, school districts, non-profits, trade associations
  - AQMD website, list of past program participants, equipment dealer locations, media advisories and targeted outreach events
  - Manufacturers will also publicize event through their marketing department
  - AQMD bilingual staff available to respond to questions

Residential Lawn Mower Rebate Program

- 2002-AQMD hosts first electric lawn mower exchange program
  - Program sells out- exchanges 2,000 mowers first come, first served
  - Over the next 12 years over 50,000 gasoline lawn mowers are replaced with electric lawn mowers
  - 2015-16 program experiences a dramatic decrease in participation (due to drought and water rationing). Also more availability of electric lawn mowers (over 30 brands available).
  - 2017-transition to a year-round, rebate program
Lawn Mower Rebate (cont.)

• Since program inception in April 2017 AQMD has processed 870 lawn mower applications totaling $184,000 in rebates

• Consumer can select from a wide variety of battery-electric lawn mowers; purchase a new mower, scrap the old gasoline mower and submit the rebate application
  – $150, $200 or $250 rebates direct to the consumer

Program Resources

• AQMD Commercial and Residential programs
  – www.aqmd.gov/lawnmower
  – Email lawngarden@aqmd.gov
  – Call 888-425-6247 (Tuesday-Friday)

• CARB Zero-Emission Equipment Roadshow
  – Demonstrate and loan equipment to interested cities, school districts and parks.
  – Contact Dorothy.Fibiger@arb.ca.gov
List of 2019 Meetings
# 2019 Meeting Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>Friday, January 18, 2019</td>
<td>12:15 PM</td>
<td>South Coast AQMD Headquarters&lt;br&gt;21865 Copley Drive, Diamond Bar, CA 91765&lt;br&gt;Room: GB</td>
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<td>Friday, April 26, 2019</td>
<td>12:00 PM</td>
<td>South Coast AQMD Headquarters&lt;br&gt;21865 Copley Drive, Diamond Bar, CA 91765&lt;br&gt;Room: GB</td>
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<td>Friday, July 26, 2019</td>
<td>12:00 PM</td>
<td>South Coast AQMD Headquarters&lt;br&gt;21865 Copley Drive, Diamond Bar, CA 91765&lt;br&gt;Room: GB</td>
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<td>Friday, October 25, 2019</td>
<td>12:00 PM</td>
<td>South Coast AQMD Headquarters&lt;br&gt;21865 Copley Drive, Diamond Bar, CA 91765&lt;br&gt;Room: GB</td>
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List of Acronyms
ENVIRONMENTAL JUSTICE COMMUNITY PARTNERSHIP
ADVISORY COUNCIL

LIST OF ACRONYMS

AQIP = Air Quality Investment Program
AVR = Average Vehicle Ridership
Cal/EPA = California Environmental Protection Agency
CARB = California Air Resources Board
CEMS = Continuous Emissions Monitoring Systems
CEQA = California Environmental Quality Act
CE-CERT = College of Engineering-Center for Environmental Research and Technology
CNG = Compressed Natural Gas
CO = Carbon Monoxide
CTG = Control Techniques Guideline
DERA = Diesel Emissions Reduction Act
EV = Electric Vehicle
FY = Fiscal Year
GHG = Greenhouse Gas
HRA = Health Risk Assessment
IAIC = Interagency AQMP Implementation Committee
IGA = Intergovernmental Affairs
LEV = Low Emission Vehicle
LNG = Liquefied Natural Gas
MATES = Multiple Air Toxics Exposure Study
MOU = Memorandum of Understanding
MSERCs = Mobile Source Emission Reduction Credits
MSRC = Mobile Source (Air Pollution Reduction) Review Committee
NTTS = National Air Toxics Trends Stations
NESHAPS = National Emission Standards for Hazardous Air Pollutants
NGV = Natural Gas Vehicle
NOx = Oxides of Nitrogen
NSPS = New Source Performance Standards
NSR = New Source Review
PAMS = Photochemical Assessment Monitoring Stations
PAR = Proposed Amended Rule
PM10 = Particulate Matter ≤ 10 microns
PM2.5 = Particulate Matter ≤ 2.5 microns
PR = Proposed Rule
RFP = Request for Proposals
RFQ = Request for Quotations
SCAG = Southern California Association of Governments
SIP = State Implementation Plan
SOx = Oxides of Sulfur
SULEV = Super Ultra Low Emission Vehicle
TCM = Transportation Control Measure
ULEV = Ultra Low Emission Vehicle
U.S. EPA = United States Environmental Protection Agency
VMT = Vehicle Miles Traveled
VOC = Volatile Organic Compound
ZEV = Zero Emission