

# Appendix J

Pre-Rulemaking Workshop Notices and Email  
Soliciting Alternatives

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To: All Interested Parties

Date: September 5, 2019

Subject: PUBLIC WORKSHOP TO DISCUSS POTENTIAL CHANGES TO THE SMALL OFF-ROAD ENGINE REGULATIONS

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California Air Resources Board (CARB or Board) staff invites you to participate in a public workshop to learn about potential changes to CARB's small off-road engine (SORE) exhaust and evaporative emission regulations. Potential changes the Board may consider at a later date include: tighter emission standards and a transition of the SORE category to zero-emission equipment to achieve additional emission reductions; updates to the zero-emission equipment emission reduction credit program; and improvements to the test procedures to prevent fuel spillage and leakage. Staff will also present the results of a recently completed statewide survey of SORE population and activity. The workshop will consist of a presentation by staff lasting approximately 45 minutes, followed by a question-and-answer session.

The workshop will be held at the following location and time:

Date: September 26, 2019  
Time: 10:00 a.m. to 12:00 p.m. PDT  
Location: California Air Resources Board  
Monitoring and Laboratory Division  
1927 13<sup>th</sup> Street  
Sacramento, California 95811

Background: SORE are spark-ignition engines rated at 19 kilowatts or less. They are used in applications such as lawn and garden equipment, industrial equipment, and specialty vehicles. Emissions from SORE have been reduced through exhaust emission standards implemented between 1995 and 2008 and evaporative emission standards implemented between 2006 and 2013. CARB's 2016 State SIP Strategy includes a measure to further reduce SORE emissions. CARB staff are developing an updated emission inventory for SORE to assess the magnitude of emissions from SORE, which will help determine the emission reductions that can be achieved.

Participants are encouraged to attend in person. The workshop will be webcast to accommodate those who are unable to attend in person. The workshop agenda, webcast details, survey report, and an electronic copy of the staff presentation will be posted by September 25<sup>th</sup> on CARB's website at:

<https://ww2.arb.ca.gov/our-work/programs/small-off-road-engines-sore>.

September 5, 2019

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Please note that under the California Public Records Act (Government Code section 6250 et seq.), your written and verbal comments, attachments, and associated contact information (e.g., your address, phone, email, etc.) become part of the public record and can be released to the public upon request.

If you require a special accommodation or need this document in an alternate format (i.e. Braille, large print) or another language, please contact Christopher Dilbeck at (916) 319-0106 or via email at [christopher.dilbeck@arb.ca.gov](mailto:christopher.dilbeck@arb.ca.gov) as soon as possible, but no later than 10 business days before the scheduled event/meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

If you cannot attend the workshops and have technical comments or questions regarding the content that will be discussed, please contact Angus MacPherson at (916) 445-4686 or via email at [angus.macpherson@arb.ca.gov](mailto:angus.macpherson@arb.ca.gov), or Christopher Dilbeck at (916) 319-0106 or via email at [christopher.dilbeck@arb.ca.gov](mailto:christopher.dilbeck@arb.ca.gov). If you have questions regarding the population and activity survey, please contact Dorothy Fibiger at (916) 324-8426 or via email at [dorothy.fibiger@arb.ca.gov](mailto:dorothy.fibiger@arb.ca.gov).

Sincerely,



Catherine Dunwoody, Chief  
Monitoring and Laboratory Division

cc: Angus MacPherson, P.E., Manager  
Testing and Certification Section

Dr. Christopher W. Dilbeck  
Monitoring and Laboratory Division

Dr. Dorothy Fibiger  
Monitoring and Laboratory Division

To: All Interested Parties

Date: May 20, 2020

Subject: PUBLIC WORKSHOP TO DISCUSS POTENTIAL CHANGES TO THE  
SMALL OFF-ROAD ENGINE REGULATIONS

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California Air Resources Board (CARB or Board) staff invites you to participate in a public workshop to learn about potential changes to CARB's small off-road engine (SORE) exhaust and evaporative emission regulations. Potential changes the Board may consider include: tighter criteria air pollutant emission standards and a transition of the SORE category to zero-emission equipment to achieve additional criteria air pollutant emission reductions, updates to the zero-emission equipment emission reduction credit program, and improvements to the test procedures to prevent fuel spillage and leakage. The workshop will consist of a presentation by staff lasting approximately 45 minutes, followed by a question-and-answer session.

The workshop will be held via webinar on the following date and time:

Date: June 9, 2020  
Time: 10:00 a.m. to 12:00 p.m. PDT

Audio will be available through the webinar or by telephone. The webinar will also have a chat dialog input box for questions and comments related to the presentation. The workshop agenda, webinar participation details, draft regulatory language, and an electronic copy of the staff presentation will be posted before the workshop on the SORE website: <https://arb.ca.gov/sore>.

**Background:** SORE are spark-ignition engines rated at 19 kilowatts or less. They are used in applications such as lawn and garden equipment, industrial equipment, and specialty vehicles. Criteria air pollutant emissions from SORE have been reduced through exhaust emission standards implemented between 1995 and 2008 and evaporative emission standards implemented between 2006 and 2013. CARB's 2016 State Implementation Plan Strategy includes a measure to further reduce criteria air pollutant emissions from SORE. In addition, CARB staff are developing an updated emission inventory for SORE to assess the statewide magnitude of criteria air pollutant emissions from SORE, which will help CARB staff estimate the criteria air pollutant emission reductions from the proposed regulation relative to the existing statewide inventory.

Please note that under the California Public Records Act (Government Code section 6250 et seq.), your written and verbal comments, attachments, and associated contact

May 20, 2020

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information (e.g., your address, phone, email, etc.) become part of the public record and can be released to the public upon request. CARB staff invite interested members of the public to submit written comments on the draft regulatory language or the material presented at the workshop and ask that comments be submitted no later than June 23, 2020.

If you require a special accommodation or need this document in an alternate format (i.e. Braille, large print) or another language, please contact Jenna Ostad at [jenna.ostad@arb.ca.gov](mailto:jenna.ostad@arb.ca.gov) or (916) 445-7278 as soon as possible, but no later than 10 business days before the scheduled event. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Comments or questions regarding the content that will be discussed at the workshop may be submitted to Dorothy Fibiger at [dorothy.fibiger@arb.ca.gov](mailto:dorothy.fibiger@arb.ca.gov) or Christopher Dilbeck at [christopher.dilbeck@arb.ca.gov](mailto:christopher.dilbeck@arb.ca.gov).

Sincerely,



Manisha Singh, Chief  
Quality Management Branch  
Monitoring and Laboratory Division

cc: Dr. Christopher W. Dilbeck, Manager  
Testing and Certification Section

Dr. Dorothy Fibiger  
Monitoring and Laboratory Division

Jenna Ostad  
Monitoring and Laboratory Division

To: All Interested Parties  
Date: March 9, 2021  
Subject: Public Workshop to Discuss Potential Changes to the Small Off-Road Engine Regulations

California Air Resources Board (CARB or Board) staff invites you to participate in a public workshop to learn about potential changes to CARB's small off-road engine (SORE) exhaust and evaporative emission regulations. Potential changes the Board may consider include: tighter criteria air pollutant emission standards and a transition of the SORE category to zero-emission equipment to achieve additional criteria air pollutant emission reductions, addition of a zero-emission generator credit program, improvements to the test procedures to prevent fuel spillage and leakage, and repeal of the variance provision. The workshop will consist of a presentation by staff lasting approximately 45 minutes, followed by a question-and-answer session.

The workshop will be held via webinar on the following date and time:

Date: March 24, 2021  
Time: 10:00 a.m. to 12:00 p.m. PDT

Audio will be available through the webinar or by telephone. The webinar will also have a chat dialog input box for questions and comments related to the presentation. The workshop agenda, webinar participation details, and an electronic copy of the staff presentation will be posted before the workshop on the SORE website: <https://arb.ca.gov/sore>.

**Background:** SORE are spark-ignition engines rated at 19 kilowatts or less. They are used in applications such as lawn and garden equipment, industrial equipment, and specialty vehicles. Criteria air pollutant emissions from SORE have been reduced through exhaust emission standards implemented between 1995 and 2008 and evaporative emission standards implemented between 2006 and 2013. CARB's 2016 State Implementation Plan Strategy includes a measure to further reduce criteria air pollutant emissions from SORE. In addition, CARB staff have developed an updated emission inventory for SORE to assess the statewide magnitude of criteria air pollutant emissions from SORE, which will help CARB staff estimate the criteria air pollutant emission reductions from the proposed regulatory amendments relative to the existing statewide inventory.

Please note that under the California Public Records Act (Government Code section 6250 et seq.), your written and verbal comments, attachments, and associated contact information (e.g., your address, phone, email, etc.) become part of the public record and can be released to the public upon request. CARB staff invite interested members of the public to submit written comments on any potential regulatory proposals or the material presented at the workshop and ask that comments be submitted no later than April 8, 2021.

If you require a special accommodation or need this document in an alternate format (i.e. Braille, large print) or another language, please contact Jenna Ostad at [jenna.ostad@arb.ca.gov](mailto:jenna.ostad@arb.ca.gov) or (916) 445-7278 as soon as possible, but no later than three business days before the scheduled event. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Comments or questions regarding the content that will be discussed at the workshop may be submitted to Chris Burford at [christopher.burford@arb.ca.gov](mailto:christopher.burford@arb.ca.gov) or Dorothy Fibiger at [dorothy.fibiger@arb.ca.gov](mailto:dorothy.fibiger@arb.ca.gov).

Sincerely,



Dr. Manisha Singh, Chief, Quality Management Branch

cc: Chris Burford, P.E., Monitoring and Laboratory Division  
Dr. Dorothy Fibiger, Monitoring and Laboratory Division  
Jenna Ostad, Monitoring and Laboratory Division



# Solicitation for Alternative Strategies to Reduce Emissions from Small Off-Road Engines

California Air Resources Board sent this bulletin at 11/19/2019 03:54 PM PST

Having trouble viewing this email? [View it as a Web page.](#)



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November 19, 2019

## Solicitation for Alternative Strategies to Reduce Emissions from Small Off-Road Engines

**Staff concepts presented during September 26, 2019, public workshop in Sacramento**

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California Air Resources Board (CARB or Board) staff presented concepts for reducing emissions from small off-road engines (SORE) at a [public workshop](#) on September 26, 2019, in Sacramento. The concepts presented included proposing new emissions standards to the Board in 2020 to be implemented in three phases: 1) tighter emissions standards 2) moving to zero emission standards while continuing to allow the use of emission reduction credits, and 3) phasing out sales of spark-ignition engines in California. These actions would help achieve maximum emission reductions from SORE in California to support the attainment of ambient air quality standards, including the 2008 ozone standard, for which the attainment deadline in extreme nonattainment areas is 2031. Additional details on the concepts presented by CARB staff are in the [presentation](#).

Staff invites you to submit alternative strategies to those presented at the public workshop for reducing emissions from SORE. Please submit information on strategies, including details on cost, if known, by December 31, 2019. Parties wishing to submit confidential business information in support of their comments should know that CARB protects confidential information that is submitted meeting the requirements of California Code of Regulations, title 17, sections 91011 and 91022. More information about submitting confidential information is available on

our [website](#).

If you would like to submit a strategy or have questions, please contact [Christopher Dilbeck](#) at (916) 319-0106 or [Dorothy Fibiger](#) at (916) 324-8426.

[More Information](#)

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## Background

SORE are spark-ignition engines rated at 19 kilowatts or less. They are used in applications such as lawn and garden equipment, industrial equipment, and specialty vehicles. Emissions from SORE have been reduced through exhaust emission standards implemented between 1995 and 2008 and evaporative emission standards implemented between 2006 and 2013. CARB's 2016 State SIP Strategy includes a measure to further reduce SORE emissions. CARB staff are developing an updated emission inventory for SORE to assess the magnitude of emissions from SORE, which will help determine the emission reductions that can be achieved.

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Please note that under the California Public Records Act (Government Code section 6250 et seq.), your written and verbal comments, attachments, and associated contact information (e.g., your address, phone, email, etc.) become part of the public record and can be released to the public upon request, unless protected as confidential data under California Code of Regulations, title 17, sections 91011 and 91022. More information about submitting confidential information is available on our [website](#).

### CLEARING CALIFORNIA SKIES FOR 50 YEARS

CARB is the lead agency for California's fight against climate change, and oversees all air pollution control efforts in the state to attain and maintain health-based air quality standards. [Learn more at www.arb.ca.gov](http://www.arb.ca.gov).

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