

September 30, 2026

Mr. Blaine Gilles
AERAS Technologies, LLC
192 North Marina Drive
Long Beach, California 90803
blaine@aeras-technologies.com

Dear Mr. Gilles:

California Air Resources Board (CARB) is issuing the enclosed Executive Order (EO) G-23-293-001 for the AERAS-1 capture and control system for auxiliary marine diesel engines on container vessels under the 2020 At Berth Regulation, California Code of Regulations, title 17, section 93130.5. EO G-23-293-001 identifies the monitoring, reporting, and record-keeping requirements for the approved AERAS-1 and stipulates the approved operating conditions for use of AERAS-1. EO G-23-293 is hereby superseded and is of no further force and effect.

EO G-23-293-001 reflects the following changes:

CAECS Auxiliary Generator Load and Carbon Intensity Limit

AERAS requested to change the auxiliary generator used to power equipment on the barge. CARB staff reviewed the request and worked with AERAS to confirm changes to EO G-23-293. The new generator has a higher power limit and corresponding fuel rate than was previously approved in EO G-23-293 and therefore required an update to the allowable carbon intensity limit for fuel used in the generator. EO G-23-293-001 reflects the new approved limit for the auxiliary generator power and the allowable carbon intensity for fuel to remain grid neutral, as specified in section 93130.5(g)(4) and (5) of the 2020 At Berth Regulation.

Approval Duration

AERAS may operate under the terms specified in the EO for AERAS-1 as a CARB Approved Emission Control Strategy (CAECS) for five years from the date when the AERAS-1 was approved (December 4, 2023) before needing to apply for an extension, as specified in section 93130.5(i)(1) of the 2020 At Berth Regulation.

The Executive Officer may revoke the EO, or approval of AERAS-1, if the system fails to demonstrate that the expected emissions reductions are being achieved or if the AERAS-1 design or approved operating parameters are changed without prior notification and approval by the Executive Officer.

Blaine Gilles
September 30, 2026
Page 2

If you have any questions, please contact shorepower@arb.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Tracy Haynes". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Tracy Haynes, Chief, Freight Activity Branch, Transportation and Toxics Division

Attachment: EO G-25-098-002