



Air Resources Board
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State of California

Edmund G. Brown Jr.



Office of Environmental
Health Hazard Assessment
George V. Alexeeff, Ph.D., D.A.B.T
Director

TO: Ms. Jennifer Kalafut
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California Public Utilities Commission
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Mr. Richard Myers, Supervisor
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FROM: Mr. Daniel Donohoue, Chief
Emissions Assessment Branch
Stationary Source Division
California Air Resources Board

Dr. Melanie Marty
Supervising Toxicologist
Assistant Deputy Director
Division of Scientific Affairs
Office of Environmental Health Hazard Assessment

DATE: May 15, 2013

SUBJECT: **RECOMMENDATIONS REGARDING HEALTH PROTECTIVE
STANDARDS FOR THE INJECTION OF BIOMETHANE INTO THE
COMMON CARRIER PIPELINE**

Attached is a report providing Air Resources Board (ARB) and Office of Health Hazard Assessment (OEHHA) staff's recommendations for health protective standards for constituents of concern in biogas that is upgraded to biomethane and injected into the common carrier pipeline. These recommendations were developed in accordance with the provisions of Assembly Bill 1900 (AB 1900).

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

Jennifer Kalafut, Interim Advisor
Richard Myers, Supervisor
May 15, 2013
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AB 1900, authored by Assemblyman Mike Gatto and chaptered into law on September 27, 2012 (Chapter 602, Statutes of 2012), requires the California Public Utilities Commission (CPUC) to develop standards for constituents of concern in biogas to protect human health and pipeline integrity and safety by December 31, 2013. To support the CPUC's standards development efforts, AB 1900 specifies that ARB and OEHHA work together, in consultation with a number of other State agencies, to provide recommendations by May 15, 2013 on the public health aspects of injecting biomethane into the common carrier pipeline. The enclosed recommendations satisfy these requirements, and include a list of constituents of concern, their associated health protective levels, and recommendations for monitoring, testing, reporting and recordkeeping requirements.

During the CPUC regulatory process, ARB and OEHHA staff will be available to address any issues pertaining to incorporating health considerations into the standards to maintain pipeline integrity and safety as required by AB 1900. In addition, as required by AB 1900, ARB and OEHHA staff will update the list of constituents of concern, the health protective levels, and the monitoring, testing, reporting and recordkeeping requirements at least every five years, if the data warrant.

For your information, the report is also posted on our website at <http://www.arb.ca.gov/energy/biogas/biogas.htm> and a notice indicating the report is available has been sent to the AB 1900 list serve. If you have any questions regarding the recommendations, please contact Mr. Daniel Donohoue, Chief, Emissions Assessment Branch, Air Resources Board, at (916) 322-8277, or ddonohou@arb.ca.gov, or Dr. David Siegel, Chief, Air, Community and Environmental Research Branch, Office of Environmental Health Hazard Assessment, at (916) 322-5624, or david.siegel@oehha.ca.gov.

Attachment

cc: Richard W. Corey
Executive Officer
Air Resources Board

Dr. George Alexeeff, Director
Office of Environmental Health Hazard Assessment

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cc: (continued)

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