

**Comment 1 for Research Plan, Fiscal Year 2014-2015 (researchplan14) - Non-Reg.**

First Name: Jerilyn Lopez

Last Name: Mendoza

Email Address: jmendoza5@semprautilities.com

Affiliation: Southern California Gas Company

Subject: Proposed Research Plan, Fiscal Year 2014-2015

Comment:

I will be present in person to provide verbal support for the Proposed Research plan, two specifically: first, the Potential to Build Current Natural Gas Infrastructure to Accommodate the Future Conversion to Near-Zero Transportation Technology; and second, the Well to Wheel Pathways for Zero and Near-Zero Technology in California's Heavy Duty Sector. We believe these projects will advance the idea of natural gas as a long-term clean fuel for the future of California, as we discussed with Chair Nichols and senior staff last month. Also, these projects help move forward AB 32 greenhouse gas reduction requirements, as well as further ARB's progress in its Low Carbon Fuel Standard Program.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2013-12-11 10:51:41

No Duplicates.

## **Comment 2 for Research Plan, Fiscal Year 2014-2015 (researchplan14) - Non-Reg.**

First Name: Joyce

Last Name: Dillard

Email Address: dillardjoyce@yahoo.com

Affiliation:

Subject: Comments to CARB Proposed Research Plan Fiscal Year 2014-2015 due 12.11.2013  
Noon

Comment:

You state:

In the development of the research topics included in this plan, ARB staff coordinated with numerous State and federal agencies and partners, including federal agencies spanning the United States Environmental Protection Agency (U.S. EPA), the Department of Energy, the Department of Transportation, the National Highway Traffic Safety Administration, the National Institute of Environmental Health Sciences; other State agencies including the Governor's Office of Planning and Research, the California Energy and Public Utilities Commissions, the California Department of Transportation (Caltrans), the Office of Environmental Health Hazard Assessment, Housing and Community Development, the Strategic Growth Council; and local air districts and non-governmental organizations such as the Health Effects Institute (HEI) and the Coordinating Research Council.

Comments:

Missing is coordination of agencies around the unexpected or unplanned aspects of air quality such as the Fukushima Nuclear Plant incident release of a radioactive plume expected to arrive on the West Coast from Japan.

You state:

Using California's existing GHG monitoring network, ARB is investigating the sources and trends of CH<sub>4</sub> emissions in Los Angeles by complementing a five-year GHG monitoring project funded by the National Institute of Standards and Technology. The initial analysis, utilizing the monitoring network data, suggests a potentially large underestimation of CH<sub>4</sub> and N<sub>2</sub>O, but further work is necessary to confirm the results and then attempt to identify the source(s) of the poorly characterized emissions. ARB's mobile monitoring platform was successfully deployed at a landfill and a natural gas compression station, and further work is planned to use mobile GHG instruments to better characterize sources of CH<sub>4</sub> and N<sub>2</sub>O and assess local impacts of implemented regulations. Some of the sources to be monitored may include oil and gas production sites, natural gas pipelines, wastewater treatment plants, landfills, and composting facilities.

Comments:

Missing from Los Angeles is a study of any hydraulic fracturing and release of emissions. With oil underground and methane systems with minimal to no monitoring, methane emissions are an issue. There is a ongoing study from a Boston professor on methane release (in Los Angeles). Grassroots Coalition, citizen activists, has met with the South Coast AQMD regarding new equipment that monitors this release.

Densely populated areas are affected with Health and Safety issues aka lives at risk.

These real issues affecting the health of the population must be addressed as emergency measures and included in this plan.

Joyce Dillard  
P.O. Box 31377  
Los Angeles, CA 90031

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2013-12-11 12:01:42

No Duplicates.

**There are no comments posted to Research Plan, Fiscal Year 2014-2015 (researchplan14) that were presented during the Board Hearing at this time.**