Resolution urging Muni to start a pilot program utilizing biodiesel within the next 8 months, as well as research and adopt the use of biodiesel, a cleaner burning alternative fuel, that will significantly reduce emissions.

WHEREAS, Biodiesel is a cleaner burning alternative fuel to petroleum diesel that may be used instead of petroleum diesel or may be blended with petroleum in any percentage as a mixture that reduces air pollution; and

WHEREAS, Biodiesel is the only alternative fuel to fully complete the health effects testing requirements of the Clean Air Act and EPA tier 2 testing, meet clean diesel standards established by the California Air Resources Board (CARB), and further be approved by both the Department of Energy (DOE) and US Department of Transportation; and

WHEREAS, Biodiesel has been proven in studies by the DOE to help mitigate global warming by reducing carbon dioxide emissions by 78 percent compared to petroleum diesel as well as significantly reducing pollutants that are hazardous to human health; and

WHEREAS, Biodiesel can be operated in any diesel engine with little or no modification to the engine or fuel system; and

WHEREAS, Biodiesel is a renewable, biodegradable (within 30 days), non-flammable, non-toxic bio-fuel that is domestically produced, economically viable and also a natural by-product sourced and collected from used restaurant oil; and

WHEREAS, Biodiesel may be produced en masse by using locally available feed stocks; and

 Supervisor Matt Gonzalez, Chris Daly
 BOARD OF SUPERVISORS
WHEREAS, Truck fleets using biodiesel may transition back to traditional diesel at any time should there be problems with the supply of biodiesel or the use of biodiesel in a particular engine; and

WHEREAS, Congress has approved the use of biodiesel as an Energy Policy Act compliance strategy that allows federal, state and public utility fleets to meet their alternative fuel vehicle purchase requirements by buying 450 gallons of pure biodiesel and burning it in new or existing diesel vehicles in at least a 20 percent blend with diesel fuel; and

WHEREAS, The Congressional Budget and the US Department of Agriculture have confirmed that the biodiesel option is the lowest cost alternative fuel option for meeting the Federal government’s EPAct compliance requirements; and

WHEREAS, Historical problems with biodiesel regarding a 5% increase in Nox emissions are overshadowed by an 85% decrease in polycyclic aromatic hydrocarbons, 85% decrease in overall mutagens, 85% decrease in carcinogens, 55% decrease in particulates, 56% decrease in carbon monoxide and 78% decrease in global warming gases; and

WHEREAS, New emerging technologies such as Platinum Plus (manufactured by Clean Diesel Technologies) have been shown in studies to reduce NOx emissions by 5% when used in combination with regular diesel at a percentage of 20% biodiesel and 80% diesel; and

WHEREAS, The cities of Berkeley, Cleveland, Cedar Rapids, Cincinnati, St. Louis, have successfully instituted pilot programs using biodiesel in their public transportation programs, reducing air pollution; and

WHEREAS, The City of Berkeley has operated its 180 vehicle fleet of semi-trucks, garbage trucks, school buses, ambulances, public works vehicles and pick-up trucks for one year on 100% biodiesel with success; and

Supervisor Matt Gonzalez
BOARD OF SUPERVISORS
WHEREAS, Biodiesel may be an interim solution to San Francisco's diesel problem while San Francisco voters are considering Proposition I and other ongoing efforts to phase out diesel usage in the San Francisco MUNI fleet; and

WHEREAS, Biodiesel is an excellent transition fuel as part of a long term strategy to decrease emissions; and

WHEREAS, San Francisco seeks to be at the forefront of environmentally friendly new technologies that improve health, reduce global warming and reduce US dependency on overseas oil and petroleum consumption; now, therefore be it

RESOLVED, The San Francisco Board of Supervisors urges Muni to create a pilot program utilizing biodiesel within the next 8 months as well as research and adopt the use of biodiesel in public transportation in order to protect the health of San Franciscans, promote alternatives to petroleum, promote the use of renewable resources and lead the effort in transforming an oil-based economy into a green economy.
Resolution urging MUNI to start a pilot program utilizing biodiesel within the next 8 months, as well as research and adopt the use of biodiesel, a cleaner burning alternative fuel, that will significantly reduce emissions.

April 27, 2004 Board of Supervisors — ADOPTED
Ayes: 11 - Alioto-Pier, Ammiano, Daly, Dufty, Gonzalez, Hall, Ma, Maxwell, McGoldrick, Peskin, Sandoval

I hereby certify that the foregoing Resolution was ADOPTED on April 27, 2004 by the Board of Supervisors of the City and County of San Francisco.

MAY 06 2004

Date Approved

Gloria L. Young
Clerk of the Board

Mayor Gavin Newsom