

1 [Urging Muni to implement the use of biodiesel]
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3 **Resolution urging Muni to start a pilot program utilizing biodiesel within the next 8**
4 **months, as well as research and adopt the use of biodiesel, a cleaner burning**
5 **alternative fuel, that will significantly reduce emissions.**
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7 WHEREAS, Biodiesel is a cleaner burning alternative fuel to petroleum diesel that may
8 be used instead of petroleum diesel or may be blended with petroleum in any percentage as
9 a mixture that reduces air pollution; and

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

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

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

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

22 WHEREAS, Biodiesel may be produced en masse by using locally available feed
23 stocks; and
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1 WHEREAS, Truck fleets using biodiesel may transition back to traditional diesel at any
2 time should there be problems with the supply of biodiesel or the use of biodiesel in a
3 particular engine; and

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

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

11 WHEREAS, Historical problems with biodiesel regarding a 5% increase in Nox
12 emissions are overshadowed by an 85% decrease in polycyclic aromatic hydrocarbons, 85%
13 decrease in overall mutigens, 85% decrease in carcinogens, 55% decrease in particulates,
14 56% decrease in carbon monoxide and 78% decrease in global warming gases; and

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

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

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

1 WHEREAS, Biodiesel may be an interim solution to San Francisco's diesel problem
2 while San Francisco voters are considering Proposition I and other ongoing efforts to phase
3 out diesel usage in the San Francisco MUNI fleet; and

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

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

9 RESOLVED, The San Francisco Board of Supervisors urges Muni to create a pilot
10 program utilizing biodiesel within the next 8 months as well as research and adopt the use of
11 biodiesel in public transportation in order to protect the health of San Franciscans, promote
12 alternatives to petroleum, promote the use of renewable resources and lead the effort in
13 transforming an oil-based economy into a green economy.



City and County of San Francisco

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Tails
Resolution

File Number: 040238

Date Passed:

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

File No. 040238

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

Adela Dentis

for
Gloria L. Young
Clerk of the Board

[Signature]
Mayor Gavin Newsom