



November 7, 2006

**Biodiesel Task Force
Pure (100%) Biodiesel Dispensing and Storage
Site Permitting Summary**

INTRODUCTION

Alternative fuels such, as biodiesel, move through an alternative distribution infrastructure prior to fueling vehicle tanks due to limited availability and differing physical characteristics allowing for more diverse storage and dispensing options. The fuel is transferred to and from storage tanks in both the residential and commercial sectors for resale and for private use.

To identify the scope of how pure biodiesel can be safely stored and dispensed in a different manner than traditional petroleum, several pilot permitting projects have been developed. These pilot permits will attempt to address the extent of how regulatory agencies within San Francisco guide the use of this green alternative fuel. The biodiesel fueling permits are separated into two categories, For Sale Fuel and Not for Sale Fuel. In addition, an industry supply category has been included to facilitate access for biodiesel providers.

FOR SALE PURE BIODIESEL

1. Rainbow Grocery, 1745 Folsom Street – This is a cooperatively organized organic food grocery store that wishes to offer the ecological equivalent, pure biodiesel. Their customer parking lot is directly adjacent to their retail building. The intent is to locate an outdoor storage tank with a card lock system for their customers to use. This outdoor dispensing system is to perform similar to two precedents located here in California, Real Goods/Solar Living Institute in Hopland and Laytonville Biofuels in Laytonville. This dispensing system is also commonly referred to a propane model of dispensing, in that it can be located at an existing gas station not under the canopy and managed through an auxiliary company.

2. Auto Service Center, 38 Otis Street – This is an auto repair shop that would like to provide biodiesel to their customers. The building is not owned by the business and would be an indoor fuel dispensing system. This set up would be similar to a precedent located here in the Bay Area, The Biofuel Oasis in Berkeley.

3. Building Resources, 701 Amador Drive – This is a building material reuse yard and a temporary Mobile Fueling Permit is requested for this site. Vehicles will be filled from a trailer that contains a tank and dispensing pump. This fueling set up is not for permanent use on site for two reasons; identification of biodiesel market demand and the site operations require all equipment to be mobile. This permit will help identify the ability to use the Mobile Fueling Permit for dispensing at temporary events across the city such as construction sites, the circus, concerts, parades and alternative car shows. This property is located within the Port of San Francisco.

Wet Fueling – no current permit is requested. Wet Fueling is an industry phrase that describes the process of a mobile fueling truck to enter the property of a business and fuel the transportation trucks. This activity usually happens during the night or when then the transportation trucks are not in service. The understanding of what this permit covers is requested or if the permit is needed at all.

NOT FOR SALE PURE BIODIESEL

Commercial Businesses – Private use for fueling the commercial fleet covering storage and dispensing options and requirements. The intent is to find out if permitting or registration is needed for this activity.

Residential Homes – Private use for fueling personnel vehicles covering storage and dispensing options and requirements. The intent is to find out if permitting or registration is needed for this activity.

INDUSTRY SUPPLY

4. Handling and Storage, Railcar – San Francisco has freight railroad lines, which can provide increased access to biodiesel. LB RailCo operates the Port of San Francisco's freight rail yard and is a location for rail cars filled with biodiesel for the City municipal fleet. The San Francisco Petroleum Company is requesting a Storage and Handling Permit to service the existing biodiesel component of the City and County of San Francisco Master Fuel Contract.

Moving Sustainability

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