

**Biodiesel Task Force
Biodiesel Dispensing and Storage
Site Permitting Summary**

INTRODUCTION

Biodiesel and vegetable based fuels move through a distribution infrastructure prior to deposition into vehicle tanks. The fuel is transferred to and from storage tanks in both the residential and commercial sectors. Biodiesel will be stored and used in a more diverse manner than traditional petroleum based fuels due to accessibility issues and differing physical characteristics of the fuels. Both supplier and consumer scenarios will be reviewed to identify the permitting scope.

Scenario 1 - Business dispensing biodiesel blended or neat

In a commercial area, a current business such as an automobile repair shop, would like to begin dispensing biodiesel for their customers. All commercial business that have a space for holding a tank and vehicle access are potential options.

Scenario 2 - Buyers club dispensing biodiesel blended or neat

Buyers clubs purchase fuel in bulk quantity and have it delivered to a location, residential or commercial, to be picked up by members. This fuel can be poured directly into vehicle's tanks or into plastic fueling jugs.

Scenario 3 - Personal use in a residential and/or commercial area blended or neat

Residents of San Francisco can purchase fuel in bulk to store at home or in their vehicle. This storage capability allows for ease of fueling and reduced frequency of searching for a fueling location.

Scenario 4 - Commercial use in a commercial area blended or neat

Commercial fleets wishing to use biodiesel can purchase fuel in bulk and store it on site to be used as needed. This fuel will be used only by the commercial entity and the volume of storage will be maximized to reduce cost and frequency of delivery.

Scenario 5 - Filling of residential and commercial storage tanks

The tanks at both residential and commercial sites will need to be filled by a fueling truck. This activity will need to take place periodically as fuel is used.

Scenario 6 - Mobile Dispensing of fuel for special events and fleet vehicles, blended or neat

Public events such as car shows, earth day events, parades, concerts and press conferences, may include fueling of generators, trucks and specialized equipment. In addition, construction equipment on construction sites, will need to be filled periodically. Other mobile fueling activities would include "wet" fueling which is one truck filling an entire truck fleet that has been parked for the night.