



Public Biodiesel Availability
Installation Process and Best Practices
San Francisco Biodiesel Task Force
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TOC

- Foundation for a Successful Project
- Location, Location, Location
- Permits and Partners
- Tanks and Dispensing Equipment
- Assuring Quality Fuel Supply
- Utilizing Incentives

Foundation for a Successful Project

- Committed project owner
- Establish a realistic budget
- Build trust with experienced partners
- Customer education and support

Location, Location, Location

- Go where the diesel users are
- Meet or beat the petroleum experience
- Create trust, then extend
- Size the facility correctly

Permits and Partners

- Follow the rules
 - Identify all applicable permits and agencies
 - Treat it like petroleum
 - Expect to educate
- Choose experienced partners
 - Choose contractors who are familiar with fuel permitting
 - NBB will provide precedent cases
 - Listen and teach, collaborate as a team

Tanks and Dispensing Equipment

- Tanks
 - “Cleaning” old tanks can be problematic
 - Spill containment and monitoring.
 - Spec to UL 2085/142 (double walled, fireguard)
 - Above or below ground?
 - Protect the tank vent from moisture and debris
- Pumps and piping
 - No yellow metals
 - Viton or equivalent fittings
 - Suction or turbine pumps
- Dispenser hoses and handles
 - Handles can be problematic
 - ULSD rated/Marine hoses
 - Heating: Passing the buck?

Assuring Quality Fuel Supply

- Fuel quality is paramount
- BQ9000 or equivalent
- Biodiesel is not petroleum
- Distribution partners?

Utilizing Incentives

- Plan ahead
- Who is eligible for what?
- The Feds: Form 8911
- State/Local
 - WA State example: No sales or B&O on products and services
 - Keep on top of evolving legislation

Questions?

Thanks!

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