# **Renewable Fuel Standard (RFS)**

#### Anne Hill Bureau of Development Services City of Portland

#### **PURPOSE of the RFS**

Promote the use of biofuels
 Stimulate growth in the biofuels industry
 Provide consumer protection in a new industry
 Support the statewide RFS

# **RFS History**

On July 12, 2006 Portland City Council approved a citywide Renewable Fuels Standard

Portland became the first city in the nation to adopt an RFS.

July 1st 2007 : RFS Requirements effective

# **RFS Workgroup**

- 4 month rule revision process
  Dec. 2006- April 2007
- 45 representatives from petroleum, trucking, biofuels and agriculture industries, the City of Portland, and State Departments of Agriculture and Energy
- The Administrative Rules provide further detail and specifics regarding requirements of the Portland City Code Chapter 16.60

## **Administrative Rules**

Apply to fuel for on-road motor vehicles

 Do not apply to fuel sold in the City of Portland for subsequent delivery beyond the City limits.

#### **2007 Biodiesel Requirements**

 July 1st: All diesel fuel sold by fuel marketers to fuel vendors must be B5 or higher.

 August 15th: All diesel fuel dispensed by fuel vendors in the City of Portland shall be B5 or higher.

## **2007 Ethanol Requirements**

 September 16th: All gasoline sold by fuel marketers to fuel vendors must be E10.

 November 1st: All gasoline dispensed by fuel vendors in the City of Portland shall be E10.



## **2010 Biodiesel Requirements**

 July 1st:
 All diesel fuel sold by fuel marketers to fuel vendors must be B10 or higher

 July 1st:
 All diesel fuel dispensed by fuel vendors in the city of Portland shall be B10 or higher

## **Retailer Exemption**

A fuel retailer who sells B20 or greater at one or more standard, fixed pumps, at the retail location, may also offer for sale diesel on the same or contiguous location.

## **Biodiesel Certification**

Biodiesel produced within or imported into the State of Oregon for the purpose of complying with PCC Chapter 16.60 or these rules, must be accompanied by a Certificate of Analysis for that specific production lot or batch of biodiesel.

# "Certificate of Analysis"

A document verifying that B100 has been analyzed and complies with the following ASTM D 6751 biodiesel fuel test methods and specifications:

- Flash Point
- Acid Number
- Cloud Point
- Water and Sediment
- Free Glycerin and Total Glycerin

**AND ALSO: Visual Appearance and feedstock requirements** 

# Why Now

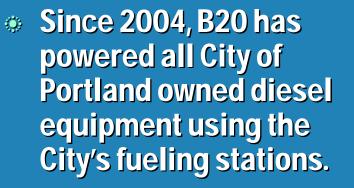
- 15% of all diesel sold in Oregon is sold in Portland
- Local and state businesses face competition from petroleum interests
- State and City have a commitment to greenhouse gas reduction and air quality.
  Decreases dependence on petroleum

## **Economic Benefits**

Reliable demand:

- 4 million + gallons of biodiesel
- 16 million gallons of ethanol
- Market development of Oregon based biodiesel production facilities
- Markets for Oregon grown feed-stocks

#### **Successful Use**



 373 trucks, 166 pieces of construction equipment, and 62 towed units use about 600,000 gallons of B20 fuel each year.



#### **BDS Contacts**

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#### Web Resources

Portland Office of Sustainable Development <u>www.portlandonline.com/osd</u>

US Dept. of Energy, Efficiency and Renewable Energy www1.eere.energy.gov/biomass/index

> National Biodiesel Board <u>www.biodiesel.org/resources/faqs</u>