

# BIODIESEL

## Green Energy for Nevada



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**EXHIBIT B - ENERGY**  
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Entire exhibit provided.  
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# Bently Biofuels Company



- ❑ Founded in 2005 by Nevada businessman and long time resident Donald E. Bently, P.E.
- ❑ Original scope was to replace 250,000 gallons per year diesel use in ag operations.
- ❑ Now a regional biodiesel producer and retailer of biodiesel and ethanol blends with 14 employees.



# What we do?



Bulk fuel delivery

- ❑ Collect used cooking oil feedstock.
- ❑ Convert the cooking oil to biodiesel at our Nevada production plant.
- ❑ Operate a commercial fuel quality testing laboratory
- ❑ Wholesale biodiesel distribution in Northern Nevada and California.
- ❑ Retail biodiesel and ethanol blends at our Minden biofuel station.
- ❑ Biodiesel use in our fleet and ag operations.



# Biodiesel Benefits

- ❑ Reduced emissions: carbon monoxide, unburned hydrocarbons, sulfur oxides, carcinogens, and particulates as documented by EPA studies
- ❑ Made from waste material biodiesel has a net CO<sub>2</sub> reduction of 80%.
- ❑ Creates green jobs and tax revenues.
- ❑ Produced locally from domestic feedstock (revenues stay in local economy).
- ❑ Biodiesel can be used in existing infrastructure and diesel equipment with **NO** conversion necessary!
- ❑ Best current alternative to fossil based liquid fuels proven in millions of fleet miles.



# How is biodiesel used?



Fueling the V&T

- ❑ Diesel transportation (trucks, buses, cars, rail, marine, ag & construction equipment)
- ❑ Diesel power generators
- ❑ Heating appliances (BioHeat)
- ❑ In most instances can be used neat (100%) or blended in any percentage with petroleum diesel.
- ❑ Most common blend for fleets is B20 (20% biodiesel).



# Current Limitations



Soybeans don't  
grow well in NV!

- ❑ Not necessarily cheaper at today's energy prices (long term investment).
- ❑ Waste feedstocks are a limited resource.
- ❑ Sources of regionally appropriate feedstock must be developed (R&D needed).
- ❑ Need greater public acceptance (tied to manufacturer's recommendations)
- ❑ Need steady base demand to justify plant investments (tied to fleet use).
- ❑ Investment needed in distribution infrastructure.





# What is needed?



Other states have moved ahead to promote biofuels.

- ❑ Statewide biodiesel mandate (B2 – B5)
- ❑ Statewide fleet mandate (B20)
- ❑ Level playing field with carbon credit or carbon tax.
- ❑ Tax based incentives or producer credits.
- ❑ Public education and pressure on equipment manufacturers to produce alternative fuel compliant and more fuel efficient vehicles.



# What does Nevada get?

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- ❑ Larger and more diversified job base.
- ❑ Local recycling of waste streams.
- ❑ A step toward energy security and energy independence.
- ❑ Reduction in greenhouse gas emissions.
- ❑ Transportation tax revenues.
- ❑ Cleaner air.





# QUESTIONS?



Thank you.

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