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RECIPROCATING INTERNAL COMBUSTION ENGINES AIR GENERAL PERMIT REGISTRATION FORM

Bureau of Air Monitoring
& Mobile Sources

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- ☐ Construct and operate a proposed new facility.
☒ Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- ☐ Continue operating the facility after expiration of the current term of air general permit use.
☐ Continue operating the facility after a change of ownership.
☐ Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- ☐ All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
☒ No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Pristine BioDiesel, LLC

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Vero Beach Plant

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address:

City: Vero Beach

County: Indian River

Zip Code: 32967 -5502

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Harry Leonard Sr. VP Research and Development

Owner/Authorized Representative Mailing Address

Organization/Firm: Pristine BioDiesel, LLC

Street Address: 4415 77th St

City: Vero Beach

County: Indian River

Zip Code: 32967 -5502

Owner/Authorized Representative Telephone Numbers

Telephone: 772 562-7881

Fax:

Cell phone (optional): 772-488-7349

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Same

Facility Contact Mailing Address

Organization/Firm: Same

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone: Same

Fax:

Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature

Date

Fuel Consumption

If this is an **initial registration** for reciprocating internal combustion engine operations, provide an estimate of the total amount of fuel expected to be consumed over a 12-month period. Note: the general permit limits fuel consumption by all reciprocating internal combustion engines at the facility to 20,000 gallons per year of gasoline, 250,000 gallons per year of diesel fuel, 1.15 million gallons per year of propane, 40 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used

1st year 1,290 gal of B20 and 14,310 gal of B100 for a total of 15,600 gallons of bio-diesel.

Subsequent years up to 44,500 gallons of B100 bio-diesel

If this is a **re-registration** for reciprocating internal combustion engine operations, provide the highest 12-month total fuel consumption amount, in appropriate units, for the last five years. Indicate the 12-month period over which this fuel consumption occurred.

Description of Facility

Below, or as an attachment to this form, provide a description of the reciprocating internal combustion engine operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

Description of Facility

This Reciprocating Internal Combustion Engine Air General Permit Registration request is for a diesel generator to be used at biodiesel production facility which is in the process of being established.

This diesel generator will be operated on a periodic basis to supply power to certain components such as pumps and/or heating elements to be used in the production process. This diesel generator will only be operated using biodiesel fuel.

For the first year of operation the following usage and fuel types are anticipated:

- The first 172 hours of operation the engine will be operated using B20 biodiesel
- The next 1908 hours of operation the engine will be operated using B100 biodiesel which will output significantly less pollutants than either petroleum diesel or B20 biodiesel.

Once properly permitted and approved, the facility will commence a five day, single shift operation. This will gradually increase to a five day, two shift operation over a period of 12 to 18 months. This will increase fuel consumption to approximately 44,500 gallons per year.

The above is the only reciprocating engine currently planned to be used at the facility.

Pristine BioDiesel, LLC
4415 77th St.
Vero Beach, FL 32967

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FDEP Receipts
PO Box 3070
Tallahassee, FL 32315-3070

32315+3070

