

Air Quality Permit Application

Form 5.0: Facility Information

FACILITY NAME: _____	DATE: _____
DWEE Facility ID: _____	

Section 5.8: Biodiesel Production Facility Information

IMPORTANT: READ THE INSTRUCTIONS ACCOMPANYING THIS SECTION BEFORE COMPLETING.
Do NOT use pencil to fill out this application. Please type responses or print using black ink.

General Information

1) Indicate the quantity of the following products that have been/will be produced:

Products Produced	Current Amount	Maximum Proposed Amount
Biodiesel (B-100)	gallons/year	gallons/year
Crude Glycerin (excluding distilled glycerin)	gallons/year	gallons/year
Distilled Glycerin		
Other: _____		
Other: _____		
Other: _____		

2) Note: Manufacturer's specifications are required for each emission unit and/or control device listed in vapor recovery system as part of Step 15.

Vapor Recovery System Information

Attach the manufacturer's specifications for each unit as part of Step 15.

3) Will a vapor recovery system with flare be installed on the liquid product receiving/loadout operations? ☐ YES ☐ NO

4) The system will recover vapors from: ☐ Product receiving ☐ Truck loadout ☐ Rail loadout ☐ All ☐ Other _____

5) Capture and Control Efficiencies of Vapor Recovery System

	Product Receiving	Truck Loadout	Rail Loadout
(A) Capture Efficiency			
(B) VOC Control Efficiency			
(A x B) Overall Control Efficiency			

For each combustion flare at the facility, also complete Section 7.1 for combustion flares.

6) New Source Performance Standard Applicability

The biodiesel production operations located at this facility are subject to:
(If unknown, Contact the Department)

☐ NSPS Subpart NNN ☐ Other _____
☐ NSPS Subpart RRR ☐ None

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Section 5.8: Biodiesel Production Facility Information (continued)

7) Product Receiving Information		
Raw Materials Received	Current Amount	Maximum Proposed Amount
Type(s) of feedstock Oil used for biodiesel production: <input type="checkbox"/> Soybean <input type="checkbox"/> Sunflower <input type="checkbox"/> Tallow/Grease <input type="checkbox"/> Other _____	gallons/year	gallons/year
Crude Glycerin: <input type="checkbox"/> Yes <input type="checkbox"/> No	gallons/year	gallons/year
Catalyst: _____	gallons/year	gallons/year
Other: _____		
Other: _____		
Other: _____		
If there are/will be more than four product receiving pumps located at the facility, attach additional information so that each unit is described.		
If any solid products will be received at the facility, complete Section 5.3 as appropriate and attach additional information so that each unit is described.		
8) Emission Calculations for Product Receiving Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO		
Liquid Product Loadout Information		
9) Indicate the amounts of the following products that have been/will be loaded out:		
Product	Current Amount	Anticipated Total Amount
Biodiesel (B-100)	gallons/year	gallons/year
Distilled Glycerin	gallons/year	gallons/year
Crude Glycerin	gallons/year	gallons/year
Other: _____	gallons/year	gallons/year
Other: _____	gallons/year	gallons/year
10) Requested operational limitation(s) for Biodiesel liquid loadout (please be specific and include units): 		
11) Biodiesel will be loaded out into: <input type="checkbox"/> Trucks <input type="checkbox"/> Railcars <input type="checkbox"/> Both <input type="checkbox"/> Other _____		
12) Type of Biodiesel loading into Trucks: <input type="checkbox"/> None <input type="checkbox"/> Submerged Loading <input type="checkbox"/> Bottom-Fill Loading <input type="checkbox"/> Other _____		
13) Type of Biodiesel loading into Railcars: <input type="checkbox"/> None <input type="checkbox"/> Submerged Loading <input type="checkbox"/> Bottom-Fill Loading <input type="checkbox"/> Other _____		
14) Attach Potential to Emit Calculations		<input type="checkbox"/>
15) Attach Manufacturer's Specifications for Each Emission Unit Listed in Vapor Recovery System		<input type="checkbox"/>
16) Additional Information Attached?		<input type="checkbox"/> YES <input type="checkbox"/> NO

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Section 5.8: Biodiesel Production Facility Information (continued)

Complete the following section **ONLY** if completing this form as part of an Operating Permit Application

Actual Operating Rates		
17) Indicate the quantity of the following products that have been produced or received:		
Product	Maximum Annual Amount in the Previous Five Years	Amount Last Year
Biodiesel	gallons/year	gallons/year
Crude Glycerin Shipped	gallons/year	gallons/year
Distilled Glycerin Shipped	gallons/year	gallons/year
By-products from Oil Extraction	tons/year	tons/year
Feedstock Received	gallons/year	gallons/year
Catalyst Received	gallons/year	gallons/year
Crude Glycerin Received	gallons/year	gallons/year
Other: _____		
Other: _____		
Other: _____		
18) Attach Actual Emission Calculations <input type="checkbox"/>		
19) Additional Information Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO		