

**Air Quality Permit Application  
Form 5.0: Facility Information**

**FACILITY NAME:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
**NDEE 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: _____		

**Vapor Recovery System Information**

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

3) The system will recover vapors from:  Product receiving  Truck loadout  Rail loadout  
 All  Other

4) 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.

**5) New Source Performance Standard Applicability**

The biodiesel production operations located at this facility are subject to:  NSPS, Subpart NNN  Other \_\_\_\_\_  
(If unknown, Contact the Department)  NSPS, Subpart RRR  None

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**Section 5.8: Biodiesel Production Facility Information (continued)**

<b>6) Product Receiving Information</b>		
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.		
<b>7) Emission Calculations for Product Receiving Attached?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>Liquid Product Loadout Information</b>		
8) 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
9) Requested operational limitation(s) for Biodiesel liquid loadout (please be specific and include units):		
10) Biodiesel will be loaded out into: <input type="checkbox"/> Trucks <input type="checkbox"/> Railcars <input type="checkbox"/> Both <input type="checkbox"/> Other _____		
11) 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 _____		
12) 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 _____		
<b>13) Potential to Emit Calculations Attached?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>14) Additional Information Attached?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO		

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**Section 5.8: Biodiesel Production Facility Information (continued)**

Complete the following **ONLY** if completing this Section as Part of an Operating Permit Application

<b>Actual Operating Rates</b>		
15) 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: _____		
<b>16) Actual Emission Calculations Attached? <input type="checkbox"/> YES</b>		
<b>17) Additional Information Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO</b>		