STATE OF MISSOURI

PERMIT BOOK

DEPARTMENT OF NATURAL RESOURCES

MISSOURI AIR CONSERVATION COMMISSION

PERMIT TO CONSTRUCT

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to construct the air contaminant source(s) described below, in accordance with the laws, rules and conditions as set forth herein.

Permit Number: 022016-017

Project Number: 2015-09-008
Installation Number: 175-0084

Parent Company: Lakeview Energy LLC

Parent Company Address: 300 West Adams St., Chicago, IL 60606

Installation Name: Lakeview Biodiesel, LLC

Installation Address: 607 Fowler Road, Moberly, MO 65270

Location Information: Randolph County, S26, T54N, R14W

Application for Authority to Construct was made for:
Installation of a 10,000,000 gallon per year biodiesel facility. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060 *Construction Permits Required.*

☐ Standard Conditions (on reverse) are applicable to this permit.

☑ Standard Conditions (on reverse) and Special Conditions are applicable to this permit.

Alana L. Hess

Prepared by
Alana Hess
New Source Review Unit

Kyra L. Moore

Director or Designee
Department of Natural Resources

FEB 29 2016

Effective Date

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Department's Air Pollution Control Program of the anticipated date of start up of these air contaminant sources. The information must be made available within 30 days of actual startup. Also, you must notify the Department of Natural Resources' regional office responsible for the area within which you are located within 15 days after the actual start up of these air contaminant sources.

A copy of this permit and permit review shall be kept at the installation address and shall be made available to Department of Natural Resources' personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant sources(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit at (573) 751-4817. If you prefer to write, please address your correspondence to the Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, attention: Construction Permit Unit.

SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060(12)(A)10. "Conditions required by permitting authority."

Lakeview Biodiesel, LLC
Randolph County, S26, T54N, R14W

1. Cooling Tower Operating Requirements
   A. The cooling tower(s) shall be operated and maintained in accordance with the manufacturer's specifications. A copy of the manufacturer's specifications shall be retained onsite.

   B. Cooling water circulation shall not exceed 499,320,000 gallons in any consecutive 12-month rolling period.

   C. Lakeview Biodiesel, LLC shall demonstrate compliance with Special Condition 1.B by maintaining records of monthly and 12-month rolling total cooling water circulation using Attachment A or an equivalent form approved by the Air Pollution Control Program.

   D. The drift loss of the cooling tower(s) shall not exceed 0.02 percent of the water circulation rate. Verification of drift loss shall be by the manufacturer's guaranteed drift loss. A copy of the manufacturer's guaranteed drift loss shall be retained onsite.

   E. The total dissolved solids (TDS) concentration in the cooling water shall not exceed a TDS concentration of 12,000 ppm.

   F. A TDS sample shall be collected each month and the results analyzed to demonstrate compliance with Special Condition 1.E. The frequency of TDS sampling may be reduced or eliminated upon written approval by the Air Pollution Control Program if TDS sampling results demonstrate compliance for 24 consecutive months.

2. Methanol Emission Limitation
   A. Lakeview Biodiesel, LLC shall emit less than 10.0 tons of methanol (67-56-1) in any consecutive 12-month rolling period from the entire installation as specified in Table 1.

SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

Table 1: Lakeview Biodiesel, LLC Methanol Emission Sources

Emission Source	Description
EP20	Equipment Leaks
EP24	Methanol Storage Tank
T-301	Methylate Storage Tank
T-201	Bulk Glycerin Tank

B. Attachment B or an equivalent form approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Condition 2.A.

3. Record Keeping and Reporting Requirements

A. Lakeview Biodiesel, LLC shall maintain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request. These records shall include SDS for all materials used.

B. Lakeview Biodiesel, LLC shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after the end of the month during which any record required by this permit shows an exceedance of a limitation imposed by this permit.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (5) REVIEW
Project Number: 2015-09-008
Installation ID Number: 175-0084
Permit Number:

Installation Address:
Lakeview Biodiesel, LLC
607 Fowler Road
Moberly, MO 65270

Parent Company:
Lakeview Energy LLC
300 West Adams St.
Chicago, IL 60606

Randolph County, S26, T54N, R14W

REVIEW SUMMARY

- Lakeview Biodiesel, LLC has applied for authority to install a 10,000,000 gallon per year biodiesel facility.

- The application was deemed complete on December 7, 2015.

- HAP emissions are expected from the proposed equipment. HAPs are emitted from equipment leaks in biodiesel production process, storage tanks, and from the combustion of natural gas. The primary HAP of concern from this facility is methanol.

- 40 CFR Part 60, Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units* applies to EP04 Boiler.

- 40 CFR Part 60, Subpart Kb – *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984* applies to EP24 Methanol Storage Tank. This regulation does not apply to the raw feed oil storage tanks (T-501, T-502, and T-503) at this time as the raw feed oil has a maximum true vapor pressure of less than 15.0 kPa. This regulation does not apply to T-201 Bulk Glycerin Storage Tank at this time as glycerin has a maximum true vapor pressure of less than 15.0 kPa. This regulation does not apply to the biodiesel storage tanks (T-101, T-102, and T-103) at this time as biodiesel has a maximum true vapor pressure of less than 15.0 kPa.

- 40 CFR Part 60, Subpart VVa – *Standards of Performance for Equipment Leaks for VOC in the Synthetic Organic Chemicals Manufacturing Industry (SOCMI) for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006* applies to the biodiesel production process, equipment leak emissions are reported under EP20.

- 40 CFR Part 60, Subpart NNN – *Standards of Performance for VOC Emissions From SOCMI Distillation Operations* applies to the installation.

- 40 CFR Part 60, Subpart RRR – *Standards of Performance for VOC Emissions From SOCMI Reactor Processes* applies to the installation.

- 40 CFR Part 63, Subpart JJJJJJ - *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources* does not apply to EP04 Boiler as gas-fired boilers are exempted at §63.11195(e).

- No air pollution control equipment is being used in association with the new equipment.

- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of methanol are conditioned below the de minimis level and SMAL.

- This installation is located in Randolph County, an attainment area for all criteria pollutants.

- This installation is on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2 Item #20 Chemical Process Plants. The installation's major source level is 100 tons per year and fugitive emissions are counted toward major source applicability.

- Ambient air quality modeling was not performed since potential emissions of the application are below de minimis levels and are limited to below the SMALs.

- Emissions testing is not required for the equipment.

- A Basic Operating Permit application is required for this installation within 30 days of commencement of operations.

- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

Producers' Choice Soy Energy, LLC (175-0076) constructed a 250 tons per day mechanical soybean oil extraction plant and a 10,000,000 gallon per year biodiesel plant in 2009 under Construction Permit 082009-001. In 2015 Producers' Choice Soy Energy, LLC sold the biodiesel plant to Lakeview Biodiesel, LLC (175-0084). The mechanical soybean oil extraction plant and the biodiesel plant no longer meet the definition of installation at 10 CSR 10-6.020(2)(I)17.B:

> "...all source operations including activities that result in fugitive emissions, that belong to the same industrial grouping (that have the same two-digit code as described in the *Standard Industrial Classification Manual*, 1987), and any marine vessels while docked at the installation, located on one or more

contiguous or adjacent properties and under the control of the same person (or persons under common control)."

The sale of the biodiesel plant results in the two facilities being under separate control. Additionally, the crude soybean oil pipeline between the two facilities has been severed. Lakeview Biodiesel, LLC (175-0084) has indicated that more than 50% of their crude soybean oil will come from other facilities; therefore, the mechanical soybean oil extraction plant is not considered a support facility for the biodiesel plant.

In order to clarify which emission sources are under the control of Lakeview Biodiesel, LLC and which requirements apply, a new construction permit is being issued; however, no new equipment is being installed/constructed.

The potential to emit of the installation is less than de minimis levels; however, as NSPS apply to the installation a Basic Operating Permit is required.

PROJECT DESCRIPTION

The facility produces biodiesel via the base-catalyzed transesterification of soy oil with methanol. Glycerin is created as a byproduct. Excess methanol is recovered by a methanol recovery system which includes six distillation columns and a cooling tower. Most of the plant operates under vacuum. There are no process vents releasing methanol from the system; however, emergency release vents do exist. The natural gas boiler is used to supply heat to the methanol recovery system. An emission source list is provided in Table 2.

Table 2: Installation Emission Source List

Emission Source	Description	Maximum Hourly Design Rate	Control Equipment	Process SCC
EP04	Boiler	10.5 MMBtu/hr natural gas	None	10200602
EP20	Equipment Leaks	115 light liquid valves, 24 light liquid pumps, 296 connectors, 6 open-ended lines, 24 sampling connections, 11 pressure relief valves	LDAR to comply with NSPS VVa	N/A
EP21	Cooling Tower	950 gpm	None	N/A
HR01	Unpaved Haul Road #1	0.05 VMT/hr	None	N/A
EP24	30,000 gallon Methanol Storage Tank	6,054,048 gallons per year	Vents to Methanol Recovery System to comply with NSPS Kb	40700815 (breathing) 40800816 (working)
T-301	12,000 gallon Methylate Storage Tank	266,112 gallons per year	None	N/A
T-201	30,000 gallon Glycerin Storage Tank	1,083,456 gallons per year	None	N/A
T-101	40,000 gallon Biodiesel Storage Tank #1	10,000,000 gallons per year	None	N/A
T-102	40,000 gallon Biodiesel Storage Tank #2		None	N/A
T-103	40,000 gallon Biodiesel Storage Tank #3		None	N/A
T-501	40,000 gallon Raw Feed Oil Tank #1	10,117,008 gallons per year	None	N/A
T-502	40,000 gallon Raw Feed Oil Tank #2		None	N/A
T-503	40,000 gallon Raw Feed Oil Tank #3		None	N/A
EP25	Biodiesel Loadout	10,000,000 gallons per year	None	N/A

EMISSIONS/CONTROLS EVALUATION

Emissions from the combustion of natural gas were calculated using emission factors obtained from the EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 1.4 “Natural gas Combustion” (July 1998).

Emissions from EP20 Equipment Leaks were calculated using emission factors from EPA’s “Protocol for Equipment Leak Emission Estimates” (November 1995) and are based on the equipment listed in Table 3.

Table 3: Equipment Leak Sources

Equipment Type	Number of Sources	Control Efficiency
Light Liquid Pumps	24	69% for NSPS VVa LDAR
Light Liquid Valves	115	84% for NSPS VVa LDAR
Pressure Relief Valves	11	None
Open Ended Lines	6	100% for blind, cap, plug or second valve
Connectors	296	None
Sampling Connections	24	100% for closed-loop sampling

Emissions from EP21 Cooling Tower were calculated based on the maximum water circulation rate of 950 gpm, 0.02% drift loss, and a maximum TDS content of 12,000 ppm.

Emissions from HR01 Unpaved Haul Road #1 were calculated using equations from AP-42 Section 13.2.2 “Unpaved Roads” (November 2006), a length of 350 feet, a silt content of 8.3%, unloaded truck weights of 15 tons, loaded truck weights of 36 tons, and 105 days of rain per year.

Emissions from the vertical fixed roof storage tanks (EP24, T-301, T-201, T-101, T-102, T-103, T-501, T-502, and T-503) were calculated using TANKS4.0.9d. The glycerin stored was assumed to contain trace amounts (0.4 wt%) of methanol. The methylate stored contains 64 wt% methanol.

Emissions from EP25 Biodiesel Loadout were calculated using the loading loss equation from AP-42 Section 5.2 “Transportation and Marketing of Petroleum Liquids” (July 2008).

The following table provides an emissions summary for this project. Potential emissions of the application represent the potential of the biodiesel plant, assuming continuous operation (8,760 hours per year).

Table 4: Emissions Summary (tpy)

Pollutant	Regulatory *De Minimis* Levels	Potential Emissions of the Project	Installation Conditioned Potential
PM	25.0	6.56	N/A
PM_{10}	15.0	1.29	N/A
$PM_{2.5}$	10.0	0.89	N/A
SO_x	40.0	0.01	N/A
NO_x	40.0	1.33	N/A
VOC	40.0	19.67	N/A
CO	100.0	1.12	N/A
HAPs	25.0	19.55	N/A
Methanol (67-56-1)	10.0[1]	19.53	<10.0
Hexane (110-54-3)	10.0[2]	0.02	N/A

N/A = Not Applicable

The installation has accepted a 10.0 tons per year methanol (67-56-1) limit (see Special Condition 2) to avoid SMAL modeling and become a synthetic minor HAP source.

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of methanol are conditioned below the de minimis level and SMAL.

APPLICABLE REQUIREMENTS

Lakeview Biodiesel, LLC shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved. For a complete list of applicable requirements for your installation, please consult your operating permit.

GENERAL REQUIREMENTS

- 10 CSR 10-6.065 *Operating Permits*

- 10 CSR 10-6.110 *Submission of Emission Data, Emission Fees, and Process Information*
    - Per 10 CSR 10-6.110(4)(B)2.B(II) and (4)(B)2.C(II) a full EIQ is required for the first full calendar year the equipment approved by this permit is in operation.

- 10 CSR 10-6.165 *Restriction of Emission of Odors*

[1] The SMAL for methanol is also 10 tons per year.
2 The SMAL for hexane is also 10 tons per year.

- 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*

- 10 CSR 10-6.220 *Restriction of Emission of Visible Air Contaminants*

SPECIFIC REQUIREMENTS

- 10 CSR 10-6.070 *New Source Performance Regulations*
    - 40 CFR Part 60, Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*
    - 40 CFR Part 60, Subpart Kb - *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984*
    - 40 CFR Part 60, Subpart VVa – *Standards of Performance for Equipment Leaks for VOC in the Synthetic Organic Chemicals Manufacturing Industry (SOCMI) for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006*
    - 40 CFR Part 60, Subpart NNN – *Standards of Performance for VOC Emissions From SOCMI Distillation Operations*
    - 40 CFR Part 60, Subpart RRR – *Standards of Performance for VOC Emissions From SOCMI Reactor Processes*

STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, it is recommended that this permit be granted with special conditions.

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated December 2, 2015, received December 7, 2015, designating Lakeview Energy LLC as the owner and operator of the installation.

Attachment A – Cooling Water Circulation Compliance Worksheet

Lakeview Biodiesel, LLC
Randolph County, S26, T54N, R14W
Project Number: 2015-09-008
Installation ID Number: 175-0084
Permit Number:

This sheet covers the period from _____ to _____.
(month, year) (month, year)

Date (Month/Year)	Monthly Cooling Water Circulation (gallons)	12-Month Rolling Total Cooling Water Circulation[3] (gallons)

[3] 12-Month Rolling Total Cooling Water Circulation (gallons) = the sum of the 12 most recent Monthly Cooling Water Circulation (gallons). **12-Month Rolling Total Cooling Water Circulation of less than 499,320,000 gallons indicates compliance with Special Condition 1.B.**

Attachment B – Methanol Compliance Worksheet

Lakeview Biodiesel, LLC
Randolph County, S26, T54N, R14W
Project Number: 2015-09-008
Installation ID Number: 175-0084
Permit Number:

This sheet covers the period from _____ to _____.
(month, year) (month, year)

Equipment Leaks		
Emission Source	**Quantity of Leaking Components Detected During the Month**	**Monthly Emissions (tons)**
115 Light Liquid Valves		[4]
24 Light Liquid Pumps		[5]
296 Connectors		[6]
6 Open-ended Lines		0[7]
24 Sampling Connections		0[8]
11 Pressure Relief Valves		[9]
Storage Tanks		
Emission Source	**Monthly Throughput (gallons)**	**Monthly Emissions (tons)**
EP24 Methanol Storage Tank		[10]
T-301 Methylate Storage Tank		[11]
T-201 Bulk Glycerin Storage Tank		[12]
Monthly Installation Methanol Emissions[13] (tons):		
12-Month Rolling Total Installation Methanol Emissions[14] (tons):		

[4] Monthly Emissions (tons) = [0.047 x Quantity of Leaking Components Detected During the Month / 115 + 2.7e-5] x 115 light liquid valves x 0.0011023 ton/kg x 2190 hours/calendar quarter.
[5] Monthly Emissions (tons) = [0.13 x Quantity of Leaking Components Detected During the Month / 24 + 6.7e-4] x 24 light liquid pumps x 0.0011023 ton/kg x 730 hours/month.
[6] Monthly Emissions (tons) = [0.047 x Quantity of Leaking Components Detected During the Month / 296 + 1.7e-5] x 296 connectors x 0.0011023 ton/kg x 8,760 hours/year.
[7] §60.482-6a requires open-ended lines be equipped with a cap, blind flange, plug, or second valve. These lines may be opened during an emergency shutdown. Emissions from emergency shutdowns shall be reported to the Air Pollution Control Program's Compliance/Enforcement Section as start-up, shutdown, and malfunction (SSM) emissions.
[8] §60.482-5a requires sampling connection systems to be equipped with a closed-purge, closed-loop, or closed-vent system.
[9] Monthly Emissions (tons) = [0.089 x Quantity of Leaking Components Detected During the Month / 11 + 1.7e-4] x 11 pressure relief valves x 0.0011023 ton/kg x 730 hours/month.
[10] Monthly Emissions (tons) = Monthly Throughput (gallons) x 2.7248e-4 lb/gal x 0.0005 ton/lb + 7.7963e-3.
[11] Monthly Emissions (tons) = Monthly Throughput (gallons) x 7.1541e-4 lb/gal x 0.0005 ton/lb + 3.4792e-3.
[12] Monthly Emissions (tons) = Monthly Throughput (gallons) x 7.1332e-5 lb/gal x 0.0005 ton/lb + 7.0478e-4.
[13] Monthly Installation Methanol Emissions (tons) = the sum of Monthly Emissions (tons) from each emission source.
[14] 12-Month Rolling Total Installation Methanol Emissions (tons) = the sum of the 12 most recent Monthly Installation Methanol Emissions (tons) + the sum of all SSM emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section during the same 12-month period. **12-Month Rolling Total Installation Methanol Emissions of less than 10.0 tons indicates compliance with Special Condition 2.**

APPENDIX A

Abbreviations and Acronyms

% ..... percent
ºF ..... degrees Fahrenheit
acfm ..... actual cubic feet per minute
BACT ..... Best Available Control Technology
BMPs ..... Best Management Practices
Btu..... British thermal unit
CAM ..... Compliance Assurance Monitoring
CAS..... Chemical Abstracts Service
CEMS ..... Continuous Emission Monitor System
CFR ..... Code of Federal Regulations
CO ..... carbon monoxide
CO_2..... carbon dioxide
CO_2e..... carbon dioxide equivalent
COMS..... Continuous Opacity Monitoring System
CSR..... Code of State Regulations
dscf ..... dry standard cubic feet
EIQ ..... Emission Inventory Questionnaire
EP..... Emission Point
EPA ..... Environmental Protection Agency
EU..... Emission Unit
fps ..... feet per second
ft ..... feet
GACT ..... Generally Available Control Technology
GHG ..... Greenhouse Gas
gpm..... gallons per minute
gr..... grains
GWP..... Global Warming Potential
HAP..... Hazardous Air Pollutant
hr..... hour
hp ..... horsepower
lb ..... pound
lbs/hr..... pounds per hour
MACT ..... Maximum Achievable Control Technology
$\mu g/m^3$..... micrograms per cubic meter
m/s ..... meters per second
Mgal ..... 1,000 gallons
MW ..... megawatt
MHDR..... maximum hourly design rate
MMBtu.... Million British thermal units
MMCF..... million cubic feet
MSDS ..... Material Safety Data Sheet
NAAQS... National Ambient Air Quality Standards
NESHAPs National Emissions Standards for Hazardous Air Pollutants
NO_x..... nitrogen oxides
NSPS..... New Source Performance Standards
NSR..... New Source Review
PM ..... particulate matter
$PM_{2.5}$..... particulate matter less than 2.5 microns in aerodynamic diameter
PM_{10}..... particulate matter less than 10 microns in aerodynamic diameter
ppm..... parts per million
PSD ..... Prevention of Significant Deterioration
PTE..... potential to emit
RACT..... Reasonable Available Control Technology
RAL ..... Risk Assessment Level
SCC..... Source Classification Code
scfm ..... standard cubic feet per minute
SDS ..... Safety Data Sheet
SIC..... Standard Industrial Classification
SIP..... State Implementation Plan
SMAL ..... Screening Model Action Levels
SO_x..... sulfur oxides
SO_2..... sulfur dioxide
tph..... tons per hour
tpy ..... tons per year
VMT..... vehicle miles traveled
VOC..... Volatile Organic Compound

Mr. Charles Stremick
VP Operations
Lakeview Biodiesel, LLC
607 Fowler Road
Moberly, MO 65270

RE: New Source Review Permit - Project Number: 2015-09-008

Dear Mr. Stremick:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions, your new source review permit application, and submittal of a basic operating permit application are necessary for continued compliance. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; it will be deemed filed on the date it is received by the administrative hearing commission, U.S. Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, www.oa.mo.gov/ahc. If you have questions regarding this permit, contact Alana Hess, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 , (573) 751-4817.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Susan Heckenkamp
New Source Review Unit Chief

SH:ahl

Enclosures

c: Northeast Regional Office
PAMS File: 2015-09-008
Permit Number: