



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Koch Farms of Mississippi LLC
278 Herring Road
Morton, MS
Scott County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: DEC 12 2012

Expires: NOV 30 2017

Permit No. 2420-00051

Agency Interest # 24305

Table of Contents

Subject Item Inventory.....	i
Facility Requirements.....	1
General Information.....	A-1
Other Relevant Documents:	

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Subject Item Inventory

Permit Number:2420-00051

Activity ID No.: PER20120001

Subject Item Inventory:

ID	Designation	Description
AI24305	24305	Animal Feed Mill
EQPT1	AA-001	20.925 MMBTU/hr Natural Gas Boiler (FB-001)
EQPT2	AA-002	20.925 MMBTU/hr Natural Gas Boiler (FB-002)
EQPT3	AB-001	Truck Receiving Controlled via Baghouse (AA-107)
EQPT4	AB-002	Rail Receiving Line No. 1 Controlled via Baghouse (AA-140)
EQPT5	AB-003	Rail Receiving Line No. 2 Controlled via Baghouse (AA-144)
EQPT6	AC-001	Grain Storage Silo Venting System Controlled via Baghouse (AA-126)
EQPT7	AC-002	Soy Meal Storage Silo Venting System Controlled via Baghouse (AA-127)
EQPT8	AC-003	Mill Ingredient Transfer Conveyor Venting System Controlled via Baghouse (AA-131)
EQPT9	AC-004	Soy Meal Transfer Conveyor Venting System Controlled via Baghouse (AA-209)
EQPT10	AC-005	Hammermill No. 1 Controlled via Baghouse (AA-327)
EQPT11	AC-006	Hammermill No. 2 Controlled via Baghouse (AA-328)
EQPT12	AC-007	Hammermill No. 3 Controlled via Baghouse (AA-329)
EQPT13	AC-008	Ground Grain Transfer Leg Venting System Controlled via Baghouse (AA339)
EQPT17	AC-009	Pellet Crumbles Transfer Venting System No. 1 Controlled via Baghouse (AA-599A)
EQPT18	AC-010	Pellet Crumbles Transfer Venting System No. 2 Controlled via Baghouse (AA-599B)
EQPT27	AD-001	Meal Cleaner Vent Controlled via Baghouse (AA-458)
EQPT14	AE-001	Pellet Mill No. 1 Controlled via Cyclone (AA-519)
EQPT15	AE-002	Pellet Mill No. 2 Controlled via Cyclone (AA-551)
EQPT16	AE-003	Pellet Mill No. 3 Controlled via Cyclone (AA-584)
EQPT21	AF-001	Phosphate Receiving Controlled via Baghouse
EQPT22	AF-002	Limestone Receiving Controlled via Baghouse

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Subject Item Inventory

Permit Number:2420-00051

Activity ID No.: PER20120001

ID	Designation	Description
EQPT23	AF-003	Salt Receiving Controlled via Baghouse
EQPT24	AF-004	Finished Feed Loadout A
EQPT25	AF-005	Finished Feed Loadout B
EQPT26	AF-006	Methionine Receiving Controlled via Baghouse
EQPT28	AF-007	Lysine Receiving Controlled via Baghouse
EQPT19	AG-001	20,000 Gallon Diesel Fuel Storage Tank (AA-101)
EQPT20	AG-002	10,000 Gallon Diesel Fuel Storage Tank (AA-102)

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 1 of 12

AI0000024305 (24305) Animal Feed Mill:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, the permittee shall limit the facility's PM10 emissions to no more than 99.0 tons/year (TPY) as determined for each consecutive 12-month period. [APC-S-2 II.B(10)]</p>
L-2	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. [APC-S-1 3.4(a)(1)]</p>
L-3	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall be limited as follows:</p> <p>Emissions from installations equal to or greater than 10 million BTU per hour heat input but less than 10,000 million BTU per hour heat input shall not exceed an emission rate as determined by the relationship</p> $E = 0.8808 * I^{-0.1667}$ <p>where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour. [APC-S-1 3.4(a)(2)]</p>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 2 of 12

AI0000024305 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-4	Particulate Matter	<p>Particulate Matter:</p> <p>Except as otherwise specified, no person shall cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship</p> $E = 4.1 p^{0.67}$ <p>where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [APC-S-1 3.6(a)]</p>
L-5	Opacity	<p>Opacity:</p> <p>For the entire facility, the permittee shall not cause or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty percent opacity. Startup operations may produce emissions which exceed 40% opacity for up to fifteen minutes per startup in any one hour and not to exceed three startups per stack in any twenty-four hour period. [APC-S-1 3.1]</p>
L-6	Sulfur Dioxide	<p>Sulfur Dioxide:</p> <p>For the entire facility, the permittee shall limit total combined emissions of Sulfur Dioxide to no more than 99.0 tons/year (TPY) as determined for each consecutive 12-month period. [APC-S-2 II.B(10)]</p>
L-7	Fuel Combusted	<p>Fuel Combusted:</p> <p>For Emission Points AA-001 and AA-002, the permittee shall only combust natural gas and/or No. 2 Fuel Oil. [APC-S-2 II.B(10)]</p>
L-8	Fuel Combusted	<p>Fuel Combusted:</p> <p>The permittee shall not burn/combust natural gas or distillate oil that contains more than 0.5 weight percent sulfur. [40 CFR 60.47c(c)]</p>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 3 of 12

AI0000024305 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-9		The permittee must operate the control devices at all times when processing. Should any control device become non-operational then the respective process(es) shall be shutdown immediately, but not as to cause damage to equipment or property, or cause further environmental problems. The process(es) shall not startup until such time that the control device becomes operational. [APC-S-2 II.B(10)]
L-10		Total feed mill production will be limited to 1,572,480 tons per year. [APC-S-2 II.B(10)]
L-11		<p>In all areas of the affected source where materials containing chromium or manganese are stored, used, or handled, the permittee must perform housekeeping measures to minimize excess dust. These measures must include, but not be limited to:</p> <ol style="list-style-type: none">(1) Use either an industrial vacuum system or manual sweeping to reduce the amount of dust.(2) At least once per month, dust must be removed from walls, ledges, and equipment using low pressure air or by other means, and then sweep or vacuum the area.(3) Exterior doors in the immediate affected areas must be kept shut except during normal ingress and egress, as practicable. This paragraph (3) does not apply to areas where finished product is stored in closed containers, and no other materials containing chromium or manganese are present. [40 CFR 63.11621(a)]
L-12		The permittee must store any raw materials containing chromium or manganese in closed containers. [40 CFR 63.11621(b)]
L-13		The mixer where materials containing chromium or manganese are added must be covered at all times when mixing is occurring, except when the materials are being added to the mixer. Materials containing chromium or manganese must be added to the mixer in a manner that minimizes emissions. [40 CFR 63.11621(c)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 4 of 12

AI0000024305 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-14		<p>For the bulk loading process where materials containing chromium or manganese are loaded into trucks or railcars, the permittee must lessen fugitive emissions by reducing the distance between the loadout spout and the vehicle being loaded by either (1) or (2) below:</p> <p>(1) The permittee must use a device of any kind at the bulk loadout spout that minimizes the distance to the vehicle being loaded.</p> <p>(2) The permittee may use any other means to minimize the distance between the loadout spout and the vehicle being loaded. [40 CFR 63.11621(d)]</p>
L-15		<p>For pelleting operations, the permittee must capture emissions and route them to a cyclone. The cyclone must be maintained in accordance with good air pollution control practices and manufacturer's specifications and operating instructions, if available. If manufacturer's specifications and operating instructions are not available, you must develop and follow standard operating procedures that ensure proper operation and maintenance of the cyclone. [40 CFR 63.11621(f)]</p>

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>The permittee shall demonstrate compliance with PM10/PM2.5 emissions by performing a stack test once every five years for either Emission Point AC-005, AC-006 or AC-007. Stack testing shall be performed during periods when the relevant process area is being operated at or near full production rate. Stack testing shall be performed in accordance with EPA Test Methods 201 or 201A in conjunction with Method 202, 40 CFR 51, Appendix M. [APC-S-2 II.B(10)]</p>
M-2		<p>The permittee shall demonstrate compliance with PM10/PM2.5 emissions by performing a stack test once every five years for either Emission Point AE-001, AE-002 or AE-003. Stack testing shall be performed during periods when the relevant process area is being operated at or near full production rate. Stack testing shall be performed in accordance with EPA Test Methods 201 or 201A in conjunction with Method 202, 40 CFR 51, Appendix M. [APC-S-2 II.B(10)]</p>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 5 of 12

AI0000024305 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		For all emission points with a Particulate Matter (PM) control device, excluding the pellet mills and hammer mills, the permittee shall perform visible emission observations (Method 22) on a weekly basis when boilers are operating. If during the visible emission observation any visible emissions are observed, the permittee shall perform an EPA Reference Method 9 Visible Emission Evaluation (VEE). The permittee shall record the results of these observations/evaluations. [APC-S-2 II.B(10)]
M-4		For the entire facility, the permittee shall monitor and record a rolling 12-month total volume of poultry feed produced. [APC-S-2 II.B(10)]
M-5		The permittee must perform monthly inspections of each device referenced in L-14 to ensure it is in proper working condition. [40 CFR 63.11622(a)]
M-6		For each device described in L-15, the permittee must perform quarterly inspections of the cyclone for corrosion, erosion, or any other damage that could result in air in-leakage, and record the results. The permittee must also perform a weekly visual inspection of the operating cyclone to ensure it is operating consistent with good air pollution control practices. [40 CFR 63.11622(b)(1), 40 CFR 63 11622(b)(3)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For the entire facility, the permittee shall record a consecutive rolling 12-month total of Particulate Matter (PM) emissions. Emissions calculations shall be derived from stack testing results as well as other calculated emissions. [APC-S-2 II.B(10)]
R-2	For Emission Points AA-001 and AA-002, the permittee shall maintain a log of the date, duration (in hours), and amount of fuel oil combusted for each occurrence during the calendar year and shall note the reason that fuel oil was combusted (e.g., maintenance test, natural gas curtailment, etc.). [APC-S-2 II.B(10)]
R-3	The permittee shall maintain monthly records containing the information specified in 40 CFR 60.48c (f)(1) and (f)(4) for determining compliance with the Fuel Supplier Certification requirements. [40 CFR 60.48c(f)(1 and 4)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 6 of 12

AI0000024305 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-4	The permittee shall record and maintain records of the amount of each fuel combusted during each calendar month. [40 CFR 60.48c(g)(2)]
R-5	The permittee must keep a copy of each notification and all documentation supporting any initial notification or notification of compliance status as required by 40 CFR 63.11624(a) and in accordance with 40 CFR 63.10(b)(2)(xiv). [40 CFR 63.11624(c)(1)]
R-6	The permittee must prepare an annual compliance certification report for the previous calendar year containing the information specified in 40 CFR 63.11624 (b)(1), (b)(2), (b)(3), and (b)(5). The permittee must keep a copy of each Annual Compliance Certification Report. [40 CFR 63.11624(c)(2), 40 CFR 63.11624(b)]
R-7	The permittee must keep the records of all inspections required by condition M-5, including the information identified in paragraphs 40 CFR 63.11624(c)(3)(i) through (iii). [40 CFR 63.11624(c)(3)]
R-8	The permittee must keep records of all quarterly inspections of cyclones required by Condition M-6, including the information identified in 40 CFR 63.11624 (c)(5)(i)(A) through (C). The permittee must also keep records of weekly visual inspections of cyclones as required in Condition M-6, including a record of any corrective action taken as a result of the inspection. [40 CFR 63.11624(c)(5)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [APC-S-2 II.B(11)]
S-2	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [APC-S-2 II.B(10)]
S-3	The permittee shall submit a stack test report required by Condition M-1 and M-2 of this permit within one-hundred eighty (180) days prior to the expiration date of the permit. [APC-S-2 II.B(10)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 7 of 12

AI0000024305 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	For the entire facility, the permittee shall submit a report of the particulate matter emissions for each month and each consecutive 12-month period due annually by the 31st of January. [APC-S-2 II.B(10)]
S-5	Fuel supplier certification records are required to be submitted only if distillate fuel oil is combusted during a reporting period. The reporting period for the fuel supplier certification records is each six month-period. These reports shall be submitted to the MDEQ and shall be postmarked by the 30th day of January and July for the preceding six-month period. [40 CFR 60.48c(j)]
S-6	The permittee must submit the annual compliance certification report as required in R-5 of this permit by January 31 of each year, if there are any instances of the source not being in compliance. This report must include a description of deviations from the applicable requirements, the time periods during which the deviations occurred, and the corrective actions taken. Also, for Emission Points AA-001 and AA-002, the report shall indicate if fuel oil was not combusted during the reporting period or if fuel oil was combusted. The report shall also include the log required by Condition R-2 and the report required by Condition R-3. [APC-S-2 II.B(11)]

Narrative Requirements:

Condition No.	Condition
T-1	This facility is subject to and shall comply with 40 CFR Part 60 Subpart A - General Provisions, and must comply with all applicable conditions and standards listed therein. [40 CFR 60]
T-2	The facility is subject to and shall comply with all applicable conditions and standards of 40 CFR Part 60 Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. [40 CFR 60_SUBPART Dc]
T-3	This facility is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants specified in 40 CFR Part 63, Subpart A (General Provisions). [40 CFR 63.Subpart A]
T-4	This facility is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Area Sources specified in 40 CFR Part 63, Subpart DDDDDDD (Prepared Feeds Manufacturing). [40 CFR 63_Subpart DDDDDDD]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 8 of 12

AI0000024305 (continued):

Narrative Requirements:

Condition No.	Condition
T-5	Emission Points AA-001 and AA-002 meet the definition of a gas-fired boiler, as defined in 40 CFR 63.11237, and is not subject to the requirements of 40 CFR Part 63, Subpart JJJJJ for Industrial, Commercial, and Institutional Boilers at Area Sources. A Gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year. [40 CFR 63.11195]. [40 CFR 63.11237]
T-6	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-7	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [APC-S-2 V.A]
T-8	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-9	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 Section 10]
T-10	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [APC-S-2 X]
T-11	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials: (a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and (b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]
T-12	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [APC-S-2 II.C]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 9 of 12

AI0000024305 (continued):

Narrative Requirements:

Condition No.	Condition
T-13	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of the permit. [APC-S-2 II.B(15)b]
T-14	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]
T-15	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [APC-S-2 II.B(15)c]
T-16	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [APC-S-2 II.B(7)]
T-17	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]
T-18	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]
T-19	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in Regulation APC-S-2, Section IV.D. [APC-S-2 IV.D]
T-20	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [APC-S-2 I.D(7)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 10 of 12

AI0000024305 (continued):

Narrative Requirements:

Condition No.	Condition
T-21	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [APC-S-2 II.B(15)d]
T-22	General Condition: This permit does not authorize a modification as defined in APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include: (a) routine maintenance, repair, and replacement; (b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act; (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act; (d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166; (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or (f) any change in ownership of the stationary source" [APC-S-2 I.D(2)]
T-23	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [APC-S-2 II.B(15)a]
T-24	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [APC-S-2 IX]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 11 of 12

AI0000024305 (continued):

Narrative Requirements:

Condition No.	Condition
T-25	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [APC-S-2 II.B(5)]
T-26	<p>General Condition: Emergencies</p> <p>(a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [APC-S-2 II.B(10)]</p>
T-27	<p>General Condition: Upsets</p> <p>(a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [APC-S-1 Section 10]</p>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Koch Farms of Mississippi LLC

Facility Requirements

Permit Number:2420-00051

Activity ID No.: PER20120001

Page 12 of 12

AI0000024305 (continued):

Narrative Requirements:

Condition No.	Condition
T-28	<p>General Condition: Startups and Shutdowns</p> <p>(a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]</p>
T-29	<p>General Condition: Maintenance</p> <p>(a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]</p>
T-30	<p>General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [APC-S-2 VIII]</p>

GENERAL INFORMATION

Koch Farms of Mississippi LLC
278 Herring Road
Morton, MS
Scott County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
24305	Koch Farms of Mississippi, LLC	Official Site Name	5/26/2010	
242000051	Koch Farms of Mississippi LLC	Air-Title V Fee Customer	9/25/2006	3/21/2008
2812300051	Koch Farms of Mississippi LLC	Air-AIRS AFS	9/25/2006	
35036	Koch Foods, Inc., Morton Feed Manufacturing Facility	Official Site Name	12/7/2006	12/7/2006
MSR104441	Koch Foods, Inc., Morton Feed Manufacturing Facility	GP-Construction	2/8/2007	5/31/2010
242000051	Koch Foods of Mississippi Inc, Morton Feedmill	Air-Construction	3/21/2008	6/8/2010
242000051	Koch Foods of Mississippi Inc, Morton Feedmill	Air-Synthetic Minor Operating	3/21/2008	6/8/2010
24305	Koch Foods, Inc., Morton Feedmill	No Exposure Certification	8/24/2009	8/23/2014
24305	Koch Foods Inc	Air-Notification	8/24/2009	
24305	Koch Foods of Mississippi, Inc.	Historic Site Name	9/25/2006	5/26/2010
242000051	Koch Farms of Mississippi LLC	Air-Construction	6/8/2010	
242000051	Koch Farms of Mississippi LLC	Air-Synthetic Minor Operating	6/8/2010	12/12/2012
242000051	Koch Farms of Mississippi LLC	Air-Synthetic Minor Operating	12/12/2012	11/30/2017

Basin: Pearl River Basin

Location Description:

GENERAL INFORMATION