State of Mississippi

FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Omega Protein, Inc

5735 Elder Ferry Road
Moss Point, MS
Jackson 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. set., 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: **Permit No.** **1280-00030**

Expires: **Agency Interest #** **1823**

*** Draft Permit ***

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Omega Protein, Inc

Subject Item Inventory

Permit Number: 1280-00030

Activity ID No.: PER20160003

Subject Item Inventory:

ID	Designation	Description
AI1823	1823	Menhaden Fish Meal Processor
AREA2	AA-024	25 ton/hr Cooker #1
AREA3	AA-025	25 ton/hr Cooker #2
AREA4	AA-026	25 ton/hr Cooker #3
CONT1	AA-048	Ammonia Stripper - Lowers content of ammonia in wastewater stream from the evaporators
EQPT1	AA-011	106 MMBTU/hr Natural Gas Boiler
EQPT2	AA-012	153,000 gallon #2 Diesel Fuel Oil Storage tank (Tank #14)
EQPT4	AA-003	73.3 MMBTU/hr Natural Gas Boiler (routed to Common Vent Stack, AA-013)
EQPT5	AA-004	16.5 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
EQPT6	AA-005	15.2 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
EQPT7	AA-006	16.5 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
EQPT8	AA-007	16.0 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
EQPT9	AA-014	460 gallon Gasoline Storage Tank (Tank #30)
EQPT10	AA-015	980 gallon #2 Diesel Fuel Oil Storage Tank (Tank #31)
EQPT11	AA-016	509,000 gallon Fish Oil Storage Tank (Tank #11)
EQPT12	AA-017	1,850 gallon Hydraulic Oil Storage Tank (Tank #17)
EQPT13	AA-018	2,166 gallon Lube Oil Storage Tank (Tank #18)
EQPT14	AA-019	11,923 gallon Used Oil Storage Tank (Tank #19)
EQPT15	AA-020	308,350 gallon Fish Oil Storage Tank (Tank #3)
EQPT16	AA-021	9,057 gallon Fish Oil Storage Tank (Tank #5)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Omega Protein, Inc

Subject Item Inventory

Permit Number: 1280-00030

Activity ID No.: PER20160003

Subject Item Inventory:

ID	Designation	Description
EQPT17	AA-022	8,714 gallon Fish Oil Storage Tank (Tank #6)
EQPT18	AA-023	509,000 gallon Fish Oil Storage Tank (Tank #16)
EQPT19	AA-027	5812 gallon Net Dip Storage Tank
EQPT20	AA-032	1200 Mineral Spirits Storage Tank
EQPT21	AA-029	Net Dipping Vat - used to coat fishing nets with Asphalt Cutback solution and Mineral Spirits
EQPT22	AA-030	Salmonella Inhibitor Spraying - sprayed on fish meal stockpiles to reduce salmonella and mold growth
EQPT23	AA-031	Deodorizer Spraying - minimize stack odor
EQPT25	AA-033	Primary Dryer Vent (05-15-DRYER) routed to Common Vent Stack (AA-013)
EQPT26	AA-034	90 MMBTU/hr Natural Gas Fired Dryer, Secondary Dryer (04-15-DRY-BS)
EQPT27	AA-035	Meal Cooler (08-16-MC) controlled by cyclone
EQPT28	AA-036	20,304 gallon Concentrated Fish Solubles Ref.: T-1
EQPT29	AA-037	308,350 gallon Omega Grow (concentrated fish solubles) Ref.: T-2
EQPT30	AA-038	300,000 gallon Stick Water Ref.:T-4
EQPT31	AA-039	20,304 gallon Concentrated Fish Solubles Ref.: T-7
EQPT32	AA-040	5,208 gallon Concentrated Fish Solubles Ref.: T-9
EQPT33	AA-041	9,408 gallon Omega Grow Ref.: T-26
EQPT34	AA-042	9,408 gallon Omega Grow Ref.: T-27
EQPT35	AA-043	11,000 gallon Bilge Water Ref.: T-28
EQPT36	AA-044	10,000 gallon Fish Oil Ref.: T-32
EQPT37	AA-045	1,450 gallon Used Oil Ref.: T-33

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Omega Protein, Inc

Subject Item Inventory

Permit Number: 1280-00030

Activity ID No.: PER20160003

Subject Item Inventory:

ID	Designation	Description
EQPT38	AA-046	58,750 gallon Bail Water
EQPT39	AA-047	36,000 gallon Bail Water
EQPT40	AA-049	Number 2 Meal Cooler controlled by baghouse

Subject Item Groups:

ID	Description	Components
GRPT1	Common Vent Stack (AA-013) - includes Primary Dryer Vent and 73.3 MMBTU/hr Natural Gas Boiler	EQPT4 73.3 MMBTU/hr Natural Gas Boiler (routed to Common Vent Stack, AA-013)
		EQPT5 16.5 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
		EQPT6 15.2 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
		EQPT7 16.5 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
		EQPT8 16.0 MMBTU/hr Natural Gas Dryer controlled by cyclone (routed to Primary Dryer Vent, AA-033)
		EQPT25 Primary Dryer Vent (05-15-DRYER) routed to Common Vent Stack (AA-013)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Omega Protein, Inc

Subject Item Inventory

Permit Number: 1280-00030

Activity ID No.: PER20160003

KEY	
ACT = Activity	AI = Agency Interest
AREA = Area	CAFO = Concentrated Animal Feeding Operation
CONT = Control Device	EQPT = Equipment
IA = Insignificant Activity	IMPD = Impoundment
MAFO = Animal Feeding Operation	PCS = PCS
RPNT = Release Point	TRMT = Treatment
WDPT = Withdrawal Point	

AI0000001823 (1823) Menhaden Fish Meal Processor:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not cause or allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship E = 4.1 p 0.67 where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs. [11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).]
L-2	Particulate Matter	Particulate Matter: The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall not exceed an emission rate as determined by the relationship E = 0.8808 * I^-0.1667 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. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).]
L-3	Opacity	Opacity: 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 (40%) opacity. Startup operations may produce emissions which exceed forty percent (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. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1 and 2).]
L-4	Sulfur Dioxide	Sulfur Dioxide: The maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Limitation Requirements:

Condition No.	Parameter	Condition
L-5	VOC	VOC: For the entire facility, the permittee shall limit the Volatile Organic Compound (VOC) emissions to no more than 99.0 tons/year (TPY) as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-6	Fuel Combusted	Fuel Combusted: For the entire facility, the permittee shall only combust natural gas. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10).]
L-7		Production: The permittee is limited to operating the facility a maximum of 2,600 hours per year on a 12-month rolling total. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-8		Production: For the entire facility, the permittee shall limit amount of fish processed in Cooker #1 (AA-023), Cooker #2 (AA -024), and Cooker #3 (AA-025) to 255,000 tons per year (combined on all three cookers). [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-9		Control system: The permittee must operate the control device(s) at all times when processing. Should the control device(s) become nonoperational then the respective process shall be shutdown immediately, but not as to cause damage to equipment or property, or cause further environmental problems. The process shall not startup until such time that the control device(s) becomes operational. The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Control system: For the entire facility, the permittee shall perform routine maintenance inspections on all control devices and air emission equipment on a weekly basis to make sure it is operating as designed. A record documenting the date of the inspections, the name of the person who performs the inspections, and any maintenance conducted shall be kept at the facility and be made available to MDEQ upon request. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall record and maintain the following: 1) Tons of fish processed into cookers (tons per month) on a 12 month rolling total, and 2) Total hours operated per month and on a rolling12-month basis. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
S-2	The permittee shall submit annual reports providing the 12-month rolling totals of the Volatile Organic Compound (VOC) emissions for the entire facility, including the calculations. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]
S-3	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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(11).]
S-4	The permittee shall submit annual reports providing: 1) Tons of fish processed (tons per month) for each consecutive 12-month period, and 2) Total hours operated per month for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Narrative Requirements:

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	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. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-3	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-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-5	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. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-6	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-7	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. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]
T-8	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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Narrative Requirements:

Condition No.	Condition
T-9	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-10	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. [11 Miss. Admin. Code Pt. 2, R. 2.4.D.]
T-11	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. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-12	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. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-13	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-14	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-15	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-16	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. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]
T-17	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. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Narrative Requirements:

Condition No.	Condition
T-18	General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 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" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-19	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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]
T-20	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. [11 Miss. Admin.Code Pt. 2, R.2.9.]
T-21	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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Narrative Requirements:

Condition No.	Condition
T-22	General Condition: Emergencies (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable 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. (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. (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. (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof. (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
T-23	General Condition: Upsets (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. (b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof. (c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]

AI0000001823 (1823) Menhaden Fish Meal Processor:

Narrative Requirements:

Condition No.	Condition
T-24	General Condition: Startups and Shutdowns (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. (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. (c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-25	General Condition: Maintenance (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. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof. (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-26	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. [11 Miss. Admin.Code Pt. 2, R.2.8.]

EQPT0000000021 (AA-029) Net Dipping Vat - used to coat fishing nets with Asphalt Cutback solution and Mineral Spirits:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall keep Net Dip Vat (AA-029) closed when not in use. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall inspect the vat daily when in use and keep a log of the date, time, and personnel performing the inspection. The log shall also indicate any time that the vat is open while not in use, which is considered a deviation from the permit requirements. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

EQPT0000000022 (AA-030) Salmonella Inhibitor Spraying - sprayed on fish meal stockpiles to reduce salmonella and mold growth:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Chemical Spray (AA-030), the permittee shall limit the solution sprayed to 7,085 gallons per year, calculated for each calendar year. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain records on-site of the gallons of solution sprayed each calendar month, a total for each calendar year, and the SDS for each solution used. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

EQPT0000000023 (AA-031) Deodorizer Spraying - minimize stack odor:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Deodorizer Spraying (AA-031), the permittee shall limit the solution sprayed to 2,880 gallons per year, calculated for each calendar year. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain records on-site of the gallons of solution sprayed each calendar month, a total for each calendar year, and the SDS for each solution used. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

EQPT0000000026 (AA-034) 90 MMBTU/hr Natural Gas Fired Dryer, Secondary Dryer (04-15-DRY-BS):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Stack emissions:Within 60 days of startup, the permittee shall conduct a one-time stack test for Emission Point AA-034 (90 MMBTH/HR Natural Gas Dryer) for PM/PM10, CO, NOx, and VOC emissions. Stack testing shall be performed during periods when the relevant process area is being operated at or near the capacity provided in the permit application. Stack testing shall be performed once. Stack testing shall be performed using EPA Reference Methods 1-5, 7, 10 and 25, and/or other EPA approved equivalent method, and shall satisfy all compliance testing requirements of APC-S-2, Section VI. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Submittal/Action Requirements:

Condition No.	Condition
S-1	Stack emissions: The permittee shall submit a stack test report for the required stack test from Emission Point AA-034 (90 MMBTU/hr Natural Gas Dryer) for PM/PM10, CO, NOx, and VOC emissions within 30 days of completing the test. As part of the test report, the permittee shall provide the average operating rate during testing of the process associated with the units being tested. For all required testing, the permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the MDEQ. Also, the permittee shall notify the MDEQ in writing at least ten (10) days prior to the intended test date(s) so that an observer may be afforded the opportunity to witness the test. After the first successful submittal of an initial written test protocol, the permittee may request that the submittal of a testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000001 (AA-013) Common Vent Stack (AA-013) - includes Primary Dryer Vent and 73.3 MMBTU/hr Natural Gas Boiler:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Stack emissions: The permittee shall demonstrate compliance with emission limitations by stack testing Emission Point AA-013 (Common Vent Stack) for PM/PM10, CO, NOx, and VOC emissions. Stack testing shall be performed during periods when the relevant process area is being operated at or near the capacity provided in the permit application. Stack testing shall be performed once per permit term. Stack testing shall be performed using EPA Reference Methods 1-5, 7, 10, and 25 and/or other EPA approved equivalent method, and shall satisfy all compliance testing requirements of APC-S-2, Section VI. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	Using results from the most recent stack test, the permittee shall develop emission factors used to calculate emissions for PM/PM10, CO, NOx, and VOC. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000001 (AA-013) Common Vent Stack (AA-013) - includes Primary Dryer Vent and 73.3 MMBTU/hr Natural Gas Boiler:

Submittal/Action Requirements:

Condition No.	Condition
S-1	Stack emissions: The permittee shall submit a stack test report for each required stack test from Emission Point AA-013 (Common Vent Stack) for PM/PM10, CO, NOx, and VOC emissions within 30 days of completing the test. As part of the test report, the permittee shall provide the average operating rate during testing of the process associated with the units being tested. For all required testing, the permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the MDEQ. Also, the permittee shall notify the MDEQ in writing at least ten (10) days prior to the intended test date(s) so that an observer may be afforded the opportunity to witness the test. After the first successful submittal of an initial written test protocol, the permittee may request that the submittal of a testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GENERAL INFORMATION

Omega Protein, Inc
5735 Elder Ferry Road
Moss Point, MS
Jackson County

Alternate/Historic Identifiers

GENERAL INFORMATION

ID	Alternate/Historic Name	User Group	Start Date	End Date
1823	Omega Protein, Inc	Official Site Name	01/23/1996	
2805900030	Omega Protein, Inc	Air-AIRS AFS	10/12/2000	
128000030	Omega Protein, Inc	Air-Synthetic Minor Operating	01/23/1996	02/01/2001
128000030	Omega Protein, Inc	Air-Synthetic Minor Operating	07/12/1999	02/01/2001
128000030	Omega Protein, Inc	Air-Synthetic Minor Operating	07/27/2000	02/01/2001
MS0002950	Omega Protein, Inc	Water - NPDES	09/19/1997	09/19/2002
MS0002950	Omega Protein, Inc	Water - NPDES	07/12/1999	09/19/2002
MSP091702	Omega Protein, Inc	Water - Pretreatment	07/27/2000	12/02/2004
MSR001520	Omega Protein, Inc	GP-Baseline	11/05/2001	02/03/2006
MS0002950	Omega Protein, Inc	Water - NPDES	04/09/2004	03/31/2009
128000030	Omega Protein, Inc	Air-Synthetic Minor Operating	08/17/2004	07/31/2009
MSP091702	Omega Protein, Inc	Water - Pretreatment	12/02/2004	07/31/2009
MS0500452A	Omega Protein, Inc, Piers, Dredging and Mooring Pilings	COE Public Notice/ Permit Number	03/10/2005	
WQC2005026	Omega Protein, Inc, Piers, Dredging and Mooring Pilings	WQC Number	04/12/2005	
DMR050483	Omega Protein, Inc, Piers, Dredging and Mooring Pilings	Marine Resources Application Number	03/10/2005	
MSR001520	Omega Protein, Inc	GP-Baseline	02/03/2006	09/30/2010
128000030	Omega Protein, Inc.	Air-Synthetic Minor Operating	04/29/2009	01/29/2014
MSP091702	Omega Protein, Inc.	Water - Pretreatment	01/05/2010	12/10/2014
MS0002950	Omega Protein, Inc.	Water - NPDES	01/05/2010	12/10/2014
WQC1997016	Zapata Protein, USA, Inc., Proposed Boar Repair Facility	WQC Number	02/07/1997	
MS9700479V	Zapata Protein, USA, Inc., Proposed Boar Repair Facility	COE Public Notice/ Permit Number	02/07/1997	03/10/1997
MSR001520	Omega Protein, Inc.	GP-Baseline	11/15/2010	09/23/2013
MSR001520	Omega Protein, Inc.	GP-Baseline	06/21/2016	10/31/2020
128000030	Omega Protein, Inc	Air-Synthetic Minor Operating	01/29/2014	12/31/2018
MSP091702	Omega Protein, Inc	Water - Pretreatment	12/10/2014	11/30/2019
MS0002950	Omega Protein, Inc	Water - NPDES	12/10/2014	11/30/2019
MSR000106971	Omega Protein Moss Point Plant	Hazardous Waste-EPA ID	12/31/2014	

Basin: Pascagoula River Basin

GENERAL INFORMATION

Location Description: PG- Plant Entrance (General). Data collected by Diane Gledhill on 11/7/2005. Elevation -4.5 feet. *Accuracy 20.0'.