



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

**Denbury Onshore LLC, Tinsley Central Facility
Off Oil City Road
Tinsley, MS
Yazoo 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: APR 08 2013

Expires: MAR 31 2018

Permit No. 3020-00057

Agency Interest # 35323

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

Denbury Onshore LLC, Tinsley Central Facility

Subject Item Inventory

Permit Number:3020-00057

Activity ID No.: PER20120001

Subject Item Inventory:

ID	Designation	Description
AI35323	AI 35323	Central Processing Site for Oil and Gas Operations
EQPT1	AA-001	5000 BBL Gun Barrel Tank (Ref No. 1a-07-GBT-CV)
EQPT2	AA-002	1500 BBL Wet Oil Storage Tank (Ref No. 1b-07-OST-CV).
EQPT3	AA-003	2000 BBL Dry Oil Storage Tank (Ref No. 1c-07-OST-CV).
EQPT4	AA-004	2000 BBL Dry Oil Storage Tank (Ref No. 1d-07-OST-CV).
EQPT6	AA-006	Water Vortex Flume (Ref No. 2a-07-WVF-CV).
EQPT27	AA-005	2000 BBL Dry Oil Tank- Common Vent (Ref No. 1e-12-OST-CV)
EQPT5	AA-007	9,700 BBL Water Vortex Tank (Ref No. 2b-07-WVT-CV).
EQPT8	AA-008	5000 BBL Produced Water Tank (Ref No. 2d-07-WST-CV).
EQPT9	AA-009	5000 BBL Produced Water Tank (Ref No. 2e-07-WST-CV).
EQPT10	AA-010	Control Flare ZZZ-180 (Ref No. 3-07-F)
EQPT11	AA-011	Control Flare ZZZ-181 (Ref No. 4-07-F)
EQPT12	AA-012	Sand Blowdown Pit (Ref No. 5-07-SBP)
EQPT25	AA-016	High Pressure Compressor Blowdown (Ref No. 17-07-CB)
EQPT26	AA-017	Low Pressure Compressor Blowdown (Ref No. 18-07-CB)
AREA1	AA-015	Fugitive Emissions (Ref No. 16-07-FE)
EQPT28	AA-018	500 Gallon Chemical Storage (Ref. No. 19-13-CST)
EQPT29	AA-019	500 Gallon Chemical Storage (Ref. No. 20-13-CST)
EQPT30	AA-020	500 Gallon Chemical Storage (Ref. No. 21-13-CST)
EQPT31	AA-021	500 Gallon Chemical Storage (Ref. No. 22-13-CST)
EQPT32	AA-022	500 Gallon Diesel Storage (Ref. No. 23-13-DST)
EQPT33	AA-023	500 Gallon Diesel Storage (Ref. No. 24-13- CST)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Subject Item Inventory

Permit Number:3020-00057

Activity ID No.: PER20120001

ID	Designation	Description
EQPT34	AA-024	220 Gallon Chemical Storage (Ref. No. 25-13-CST)
EQPT35	AA-025	Loading Losses-Oil Transfer to Tank Truck (Ref. No. 26-12-LL)
EQPT36	AA-026	330 Gallon Chemical Storage Tank (Ref. No. 27-13-CST)
EQPT37	AA-027	330 Gallon Chemical Storage Tank (Ref. No. 28-13-CST)
EQPT38	AA-028	330 Gallon Chemical Storage Tank (Ref. No. 29-13-CST)
EQPT39	AA-029	330 Gallon Chemical Storage Tank (Ref. No. 30-13-CST)
EQPT40	AA-030	330 Gallon Chemical Storage Tank (Ref. No. 31-13-CST)
EQPT41	AA-031	330 Gallon Chemical Storage Tank (Ref. No. 32-13-CST)
EQPT42	AA-032	330 Gallon Chemical Storage Tank (Ref. No. 33-13-CST)
EQPT43	AA-033	330 Gallon Chemical Storage Tank (Ref. No. 34-13-CST)
EQPT44	AA-034	130 Gallon Sump Tank (Ref. No. 35-13-ST)
EQPT45	AA-035	130 Gallon Sump Tank (Ref. No. 36-13-ST)
EQPT46	AA-036	130 Gallon Sump Tank (Ref. No. 37-13-ST)
EQPT47	AA-037	1000 Gallon Chemical Storage Tank (Ref. No. 38-13-CST)
EQPT48	AA-038	220 Gallon Water Vortex Tank (Ref. No. 39-13-WVT)
EQPT49	AA-039	220 Gallon Water Storage Tank (Ref. No. 40-13-WST)
EQPT50	AA-040	330 Gallon Chemical Storage Tank (Ref. No. 41-13-CST)
EQPT51	AA-041	330 Gallon Chemical Storage Tank (Ref. No. 42-13- CST)
EQPT52	AA-042	220 Gallon Chemical Storage Tank (Ref. No. 43-13-CST)
EQPT53	AA-043	500 Gallon Chemical Storage Tank (Ref. No. 44-13-CST)
EQPT54	AA-044	340 Gallon Chemical Storage Tank (Ref. No. 45-13-CST)
EQPT55	AA-045	8800 Gallon Chemical Storage Tank (Ref. No. 46-13-CST)
EQPT56	AA-046	8800 Gallon Chemical Storage Tank (Ref. No. 47-13-CST)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Subject Item Inventory

Permit Number:3020-00057

Activity ID No.: PER20120001

ID	Designation	Description
EQPT57	AA-047	8800 Gallon Chemical Storage Tank (Ref. No. 48-13-CST)
EQPT58	AA-048	8800 Gallon Chemical Storage Tank (Ref. No. 49-13-CST)
EQPT59	AA-049	8800 Gallon Chemical Storage Tank (Ref. No. 50-13-CST)

Subject Item Groups:

ID	Description	Components
GRPT1	Storage Tanks and Process Tanks	EQPT1 5000 BBL Gun Barrel Tank (Ref No. 1a-07-GBT-CV)
		EQPT2 1500 BBL Wet Oil Storage Tank (Ref No. 1b-07-OST-CV).
		EQPT3 2000 BBL Dry Oil Storage Tank (Ref No. 1c-07-OST-CV).
		EQPT4 2000 BBL Dry Oil Storage Tank (Ref No. 1d-07-OST-CV).
		EQPT27 2000 BBL Dry Oil Tank- Common Vent (Ref No. 1e-12-OST-CV)
		EQPT6 Water Vortex Flume (Ref No. 2a-07-WVF-CV).
		EQPT5 9,700 BBL Water Vortex Tank (Ref No. 2b-07-WVT-CV).
		EQPT8 5000 BBL Produced Water Tank (Ref No. 2d-07-WST-CV).
		EQPT9 5000 BBL Produced Water Tank (Ref No. 2e-07-WST-CV).
GRPT3	Control Flares	EQPT10 Control Flare ZZZ-180 (Ref No. 3-07-F)
		EQPT11 Control Flare ZZZ-181 (Ref No. 4-07-F)
GRPT7	Chemical Storage Tanks	EQPT36 330 Gallon Chemical Storage Tank (Ref. No. 27-13-CST)
		EQPT37 330 Gallon Chemical Storage Tank (Ref. No. 28-13-CST)
		EQPT38 330 Gallon Chemical Storage Tank (Ref. No. 29-13-CST)
		EQPT39 330 Gallon Chemical Storage Tank (Ref. No. 30-13-CST)
		EQPT40 330 Gallon Chemical Storage Tank (Ref. No. 31-13-CST)
		EQPT41 330 Gallon Chemical Storage Tank (Ref. No. 32-13-CST)
		EQPT42 330 Gallon Chemical Storage Tank (Ref. No. 33-13-CST)
		EQPT43 330 Gallon Chemical Storage Tank (Ref. No. 34-13-CST)
		EQPT44 130 Gallon Sump Tank (Ref. No. 35-13-ST)
		EQPT45 130 Gallon Sump Tank (Ref. No. 36-13-ST)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Subject Item Inventory

Permit Number:3020-00057

Activity ID No.: PER20120001

ID	Description	Components
GRPT7	Chemical Storage Tanks	EQPT46 130 Gallon Sump Tank (Ref. No. 37-13-ST) EQPT47 1000 Gallon Chemical Storage Tank (Ref. No. 38-13-CST) EQPT48 220 Gallon Water Vortex Tank (Ref. No. 39-13-WVT) EQPT49 220 Gallon Water Storage Tank (Ref. No. 40-13-WST) EQPT50 330 Gallon Chemical Storage Tank (Ref. No. 41-13-CST) EQPT51 330 Gallon Chemical Storage Tank (Ref. No. 42-13- CST) EQPT52 220 Gallon Chemical Storage Tank (Ref. No. 43-13-CST) EQPT53 500 Gallon Chemical Storage Tank (Ref. No. 44-13-CST) EQPT54 340 Gallon Chemical Storage Tank (Ref. No. 45-13-CST) EQPT55 8800 Gallon Chemical Storage Tank (Ref. No. 46-13-CST) EQPT56 8800 Gallon Chemical Storage Tank (Ref. No. 47-13-CST) EQPT57 8800 Gallon Chemical Storage Tank (Ref. No. 48-13-CST) EQPT58 8800 Gallon Chemical Storage Tank (Ref. No. 49-13-CST) EQPT59 8800 Gallon Chemical Storage Tank (Ref. No. 50-13-CST) EQPT28 500 Gallon Chemical Storage (Ref. No. 19-13-CST) EQPT29 500 Gallon Chemical Storage (Ref. No. 20-13-CST) EQPT30 500 Gallon Chemical Storage (Ref. No. 21-13-CST) EQPT31 500 Gallon Chemical Storage (Ref. No. 22-13-CST) EQPT32 500 Gallon Diesel Storage (Ref. No. 23-13-DST) EQPT33 500 Gallon Diesel Storage (Ref. No. 24-13- CST) EQPT34 220 Gallon Chemical Storage (Ref. No. 25-13-CST) EQPT35 Loading Losses-Oil Transfer to Tank Truck (Ref. No. 26-12-LL)
GRPT8	Compressor Blowdown	EQPT25 High Pressure Compressor Blowdown (Ref No. 17-07-CB)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Subject Item Inventory

Permit Number:3020-00057

Activity ID No.: PER20120001

ID	Description	Components
GRPT8	Compressor Blowdown	EQPT26 Low Pressure Compressor Blowdown (Ref No. 18-07-CB)

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

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 1 of 13

AI0000035323 (AI 35323) Central Processing Site for Oil and Gas Operations:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emission of any gas stream which contains hydrogen sulfide in excess of one grain per 100 standard cubic feet. Gas streams containing hydrogen sulfide in excess of one grain per 100 standard cubic feet shall be incinerated at temperatures of not less than 1600 degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such manner which is equivalent to or more effective for the removal of hydrogen sulfide. . [APC-S-1 4.2b]
L-2	Sulfur Dioxide	Sulfur Dioxide: Sulfur dioxide concentration limitations in the gas streams resulting from such incineration or processing shall be determined for each emission point on a case-by-case basis to insure that the resulting maximum ground level concentration of sulfur dioxide as determined by acceptable method or methods will be in compliance with the National Ambient Air Quality Standards for sulfur dioxide. Testing to determine the productive capacity of new fields shall be exempted from emission limitation provisions of the paragraph of the regulation providing such testing has been previously negotiated and approved by the Mississippi Office of Pollution Control . [APC-S-1 4.2.b]

Record-Keeping Requirements:

Condition No.	Condition
R-1	SITE SPECIFIC REQUIREMENT: The permittee shall, for all equipment including pollution control equipment, operate and maintain this equipment to assure that the emission rates will not, at any time, exceed the rates allowed by the Mississippi Air Emission Regulations. [APC-S-2 II.B(11)]
R-2	The permittee shall record and submit the following information: tons/year of volatile organic compounds, total HAPs, individual HAPs in 12 rolling months; barrels of crude oil, barrels of produced water, cubic feet of waste gas combusted, and cubic feet of natural gas sold. [APC-S-2]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 2 of 13

AI0000035323 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	SITE SPECIFIC REQUIREMENT: The permittee shall report any exceedance of the limitations, including bypasses, in this permit to the MDEQ no later than ten (10) days following the end of the month in which the exceedance occurred and shall report the cause of the exceedance and the action(s) taken and/or to be taken to correct it. Please note APC-S-1, Section 10 has provisions applicable to excess emissions due to upsets, startups, shutdowns and unavoidable maintenance. [APC-S-2 II.B(11)]
S-2	The permittee shall submit a certified annual report, due by the 31st of January for the preceding year. This report shall address the required monitoring specified in the permit which includes the quantity of VOC, individual HAPs and total HAPs in 12 rolling months. [APC-S-2]
S-3	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-4	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)]

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. [APC-S-2 V.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 Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 Section 10]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 3 of 13

AI0000035323 (continued):

Narrative Requirements:

Condition No.	Condition
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. [APC-S-2 X]
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. [APC-S-2 II.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. [APC-S-2 II.B(15)b]
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: 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]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 4 of 13

AI0000035323 (continued):

Narrative Requirements:

Condition No.	Condition
T-11	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-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]
T-13	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]
T-14	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-15	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)]
T-16	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]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 5 of 13

AI0000035323 (continued):

Narrative Requirements:

Condition No.	Condition
T-17	<p>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:</p> <ul style="list-style-type: none">(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-18	<p>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]</p>
T-19	<p>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]</p>
T-20	<p>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)]</p>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 6 of 13

AI0000035323 (continued):

Narrative Requirements:

Condition No.	Condition
T-21	<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-22	<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

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

AI0000035323 (continued):

Narrative Requirements:

Condition No.	Condition
T-23	<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-24	<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-25	<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>

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 8 of 13

GRPT000000001 (Group 1) Storage Tanks and Process Tanks:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall only operate the tank with its emissions routed to a control flare for combustions, except during brief intervals when thief hatches are opened. [APC-S-2 II.B(10)]
L-2		For Emissions Points AA-001 through AA-005, the permittee shall only operate with emissions routed to and controlled by the flare (Emission Point AA-010). [APC-S-2 II.B(10)]
L-3		Emission Points AA-001 through AA-005 shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]
L-4		For Emission Points AA-006 through AA-009, the permittee shall only operate with emissions routed to and controlled by the flare (Emission Point AA-011). [APC-S-2 II.B(10)]
L-5		Emission Points AA-006 through AA-009 shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 9 of 13

GRPT000000003 (Group 2) Control Flares:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	<p>Particulate Matter: Particulate Matter Limitation:</p> <p>(1) The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installation of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input</p> <p>(2) The maximum permissible emission of ash and /or particulate matter from fossil fuel burning 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(1)]</p>
L-2		The flare shall be operated with a flame present at all times. [APC-S-2 II.B(10)]
L-3		Emission Point AA-010 and AA-011 shall be designed and operated with no visible emissions. [APC-S-2 II.B(10)]
L-4		The permittee shall operate the flare with no visible emissions as determined by EPA Method 22, except for periods not to exceed a total of 5 minutes during any consecutive two (2) hours. [APC-S-1 3.1.a]
L-5		The net heating value of the gas being combusted shall be 300 Btu/scf or greater if the flare is steam-assisted or air-assisted; or the net heating value of the gas being combusted shall be 200 Btu/scf or greater if the flare is non-assisted. [APC-S-2 II.B(10)]
L-6		Control Flare (AA-010) shall be used to control emissions AA-001 through AA-005. The flare is equipped with automatic ignitor and designed to control emissions from oil storage tanks. [APC-S-2 II.B(11)]
L-7		Control Flare (AA-011) shall be used to control emissions AA-006 through AA-009. The flare is equipped with automatic ignitor and designed to control emissions from the water storage tanks. [APC-S-2 II.B(11)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

Page 10 of 13

GRPT0000000003 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the presence of the flare flame by one of the following methods: using a thermo-couple or any other equivalent device to detect the presence of a flame; or visually observe the presence of the flare flame, daily. [APC-S-2 II.B(11)]
M-2		On a weekly basis, the permittee shall visually observe the flare for a minimum of five (5) minutes during operation using EPA Method 22. If smoking is observed, corrective actions must be taken. The permittee shall perform a follow-up visual observation for a period of two (2) hours using EPA Method 22 immediately after corrections are made to demonstrate compliance with the visible emissions limitations. [APC-S-2 II.B(10)]
M-3		The net heating value of the gas being combusted shall be determined annually by the methods specified in 40 CFR 60.18 (f). [APC-S-1 II.B(11)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain a record and/or a log documenting all visual observations/test, the nature and cause of any visible emissions, any corrective actions(s) taken to prevent or minimize the emissions, the date and time when visible observations were conducted and the date and time when corrective action was taken. [APC-S-2 II.B(11)]
R-2	The permittee shall keep records of all maintenance performed on the flare in order to operate in a manner consistent with good air pollution control practices to minimize emissions and shall make said records available upon request during an inspection visit by MDEQ personnel. [APC-S-2 II.B(11)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	Such air emissions equipment shall be managed as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

GRPT0000000007 (Group 6) Chemical Storage Tanks:

Narrative Requirements:

Condition No.	Condition
T-1	Such air emissions equipment shall be managed as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Denbury Onshore LLC, Tinsley Central Facility

Facility Requirements

Permit Number:3020-00057

Activity ID No.: PER20120001

GRPT0000000008 (Group 7) Compressor Blowdown:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The low and high compressor blowdown (AA-016 & AA-017) shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [APC-S-2 II.B(10)]

GENERAL INFORMATION

Denbury Onshore LLC, Tinsley Central Facility
Off Oil City Road
Tinsley, MS
Yazoo County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
35323	Denbury Onshore, LLC	Official Site Name	3/1/2007	
302000057	Denbury Onshore LLC, Tinsley Central Facility	Air-Construction	10/16/2007	
302000057	Denbury Onshore LLC, Tinsley Central Facility	Air-Synthetic Minor Operating	10/16/2007	9/30/2012
2816300057	Denbury Onshore LLC, Tinsley Central Facility	Air-AIRS AFS	10/16/2007	
302000057	Denbury Onshore LLC, Tinsley Central Facility	Air-Synthetic Minor Operating	4/8/2013	3/31/2018

Basin: Big Black River Basin

Location Description: