State of Mississippi

AIR POLLUTION CONTROL PERMIT

To Construct Air Emissions Equipment

THIS CERTIFIES

Australis TMS Inc, Ash 13H-1 and 13H-2 Production Facility
Off Ash Road
Centreville, MS
Amite County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: AUG 0 8 2017
Expires:

Permit No. 0080-00049
Agency Interest # 66155

Table of Contents

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

To Construct Air Emissions Equipment

Australis TMS Inc, Ash 13H-1 and 13H-2 Production Facility

Subject Item Inventory

Permit Number: 0080-00049

Activity ID No.: PER20170001

Subject Item Inventory:

ID	Designation	Description
AI66155	65237	Oil and Gas Production Facility
EQPT1	AA-001	.75 MMBtu/hr Heater Treater Burner Stack (V-103)
EQPT2	AA-002	.75 MMBtu/hr Heater Treater Burner Stack (V-203)
CONT1	AA-003	Process Flare (FL-701) (Greater than 10MMBTU/hr Heat Input)
EQPT3	AA-004	Pump Jack Engine (U-101) (Natural Gas Fired Reciprocating internal combustion engines, less than 500 HP)
EQPT4	AA-005	Pump Jack Engine (U-102) (Natural Gas Fired Reciprocating internal combustion engines, less than 500 HP)
EQPT5	AA-006	4,200 Gallon Pop Tank for PSV Releases (S-500)
EQPT6	AA-007	16,800 Gallon Crude Oil Storage Tank (S-501)
EQPT7	AA-008	16,800 Gallon Crude Oil Storage Tank (S-502)
EQPT8	AA-009	16,800 Gallon Crude Oil Storage Tank (S-503)
EQPT9	AA-010	16,800 Gallon Crude Oil Storage Tank (S-504)
EQPT10	AA-011	16,800 Gallon Crude Oil Storage Tank (S-505)
EQPT11	AA-012	16,800 Gallon Crude Oil Storage Tank (S-506)
EQPT12	AA-013	16,800 Gallon Crude Oil Storage Tank (S-507)
EQPT13	AA-014	16,800 Gallon Crude Oil Storage Tank (S-508)
EQPT14	AA-015	16,800 Gallon Produced Water Tank (S-509)
EQPT15	AA-016	16,800 Gallon Produced Water Tank (S-510)
ACT1	AA-017	Crude Oil Loading (OilLL)
ACT2	AA-018	Produced Water Loading (PWLL)
EQPT16	AA-019	Three Phase Separator

To Construct Air Emissions Equipment

Australis TMS Inc, Ash 13H-1 and 13H-2 Production Facility

Subject Item Inventory

Permit Number: 0080-00049

Activity ID No.: PER20170001

Subject Item Inventory:

ID	Designation	Description
AREA1	AA-020	Fugitive Emissions (FUG)

Subject Item Groups:

ID	Description	Components
GRPT1	Oil Storage Tanks	EQPT6 16,800 Gallon Crude Oil Storage Tank (S-501)
		EQPT7 16,800 Gallon Crude Oil Storage Tank (S-502)
		EQPT8 16,800 Gallon Crude Oil Storage Tank (S-503)
		EQPT9 16,800 Gallon Crude Oil Storage Tank (S-504)
		EQPT10 16,800 Gallon Crude Oil Storage Tank (S-505)
		EQPT11 16,800 Gallon Crude Oil Storage Tank (S-506)
		EQPT12 16,800 Gallon Crude Oil Storage Tank (S-507)
		EQPT13 16,800 Gallon Crude Oil Storage Tank (S-508)
GRPT2	Heater Treater Burner Stack	EQPT1 .75 MMBtu/hr Heater Treater Burner Stack (V-103)
		EQPT2 .75 MMBtu/hr Heater Treater Burner Stack (V-203)
GRPT3	Internal Combustion Engines	EQPT3 Pump Jack Engine (U-101) (Natural Gas Fired Reciprocating internal combustion engines, less than 500 HP)
		EQPT4 Pump Jack Engine (U-102) (Natural Gas Fired Reciprocating internal combustion engines, less than 500 HP)
GRPT4	Crude Oil and Produced Water Truck Loading Operations	ACT 1 Crude Oil Loading (OilLL)
		ACT 2 Produced Water Loading (PWLL)

To Construct Air Emissions Equipment

Australis TMS Inc, Ash 13H-1 and 13H-2 Production Facility

Subject Item Inventory

Permit Number: 0080-00049

Activity ID No.: PER20170001

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

AI0000066155 (65237) Oil and Gas Production Facility:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	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. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(2)]
L-2	Sulfur Dioxide	Sulfur Dioxide: Sulfur dioxide concentration limitations in the gas streams resulting from such incineration or processing of hydrogen sulfide to 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. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(2)]
L-3	Fuel Combusted	Fuel Combusted: For all combustion units operating at this facility, the permittee shall combust only commercial grade propane or produced field gas. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-4		The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOOO, New Source Performance Standards for Crude Oil and Natural Gas Production, Transmission, and Distribution upon start up or by the compliance date applicable to each affected emission source subject to the rule, whichever occurs later. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall conduct an annual produced gas analysis including hydrogen sulfide concentration, sulfur content, methane concentration (volume), gross heating value and speciated constituents. In addition, the permittee shall measure the specific gravity and gas-to-oil ratio (GOR) for the produced crude oil/gas. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

AI0000066155 (65237) Oil and Gas Production Facility:

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep the following records: (1) Monthly and rolling 12 month total for: produced crude oil (barrels), produced water (barrels), produced field gas (MMSCF), gas flared (MMSCF), volatile organic compound (VOC) emissions (lbs and/or tons) and total hazardous air pollutants (HAP) emissions (lbs and/or tons), and individual HAP emissions (lbs and/or tons), including sample calculations; (2) Results of all field gas analysis performed during the reporting period (3) Gas to Oil Ratio (GOR) annual value . [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall submit a report to MDEQ detailing all requirements of 40 CFR Part 60, Subpart OOOO that are applicable to this facility. This report shall include, at minimum, standards, initial compliance demonstration, continuous compliance demonstration, recordkeeping, notification, performance testing, and reporting. This report shall be submitted no later than thirty (30) days after certification of construction. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
S-2	General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.]
S-3	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C (2).]

AI0000066155 (65237) Oil and Gas Production Facility:

Submittal/Action Requirements:

Condition No.	Condition
S-4	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]
S-5	The permittee shall report annually by January 31st for the preceding calendar year: (1) Monthly and rolling 12 month total for: produced crude oil (barrels), produced water (barrels), produced field gas (MMSCF), gas flared (MMSCF), volatile organic compound (VOC) emissions (lbs and/or tons) and total hazardous air pollutants (HAP) emissions (lbs and/or tons), and individual HAP emissions (lbs and/or tons), including sample calculations; (2) Results of all field gas analysis performed during the reporting period (3) Gas to Oil Ratio (GOR) annual value . [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Narrative Requirements:

General Condition:

Condition No.	Condition
T-1	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [11 Miss. Admin.Code Pt. 2, R.2.5.A.]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]

AI0000066155 (65237) Oil and Gas Production Facility:

Narrative Requirements:

Condition No.	Condition
T-3	General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may 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]
T-4	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
T-5	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff 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-6	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 good cause shown including, but not limited to, the following: a. Persistant 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 requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [11 Miss. Admin.Code Pt. 2, R.2.2.C.]
T-7	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]

Condition No.	Condition
T-8	General Condition:This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.D.]

AI0000066155 (65237) Oil and Gas Production Facility:

Narrative Requirements:

Condition No.	Condition
T-9	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 operating without a valid permit pursuant to State Law. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-10	General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [11 Miss. Admin.Code Pt. 2, R.2.1.D(6).]
T-11	General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]
T-12	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 the 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-13	General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a 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 permit condition. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(c).]
T-15	General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ 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 the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.]
T-17	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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.1.1.D(7).]

AI0000066155 (65237) Oil and Gas Production Facility:

Narrative Requirements:

Condition No.	Condition
T-18	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).]
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]
T-20	General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.D(7) after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by 11 Miss. Admin. Code Pt. 2, R. 2.13.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]
T-21	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).]
T-22	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).]
T-23	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]

AI0000066155 (65237) Oil and Gas Production Facility:

Narrative Requirements:

Condition No.	Condition
T-24	General Condition: Regarding compliance testing: (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&(6).]
T-25	General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]

CONT0000000001 (AA-003) Process Flare (FL-701) (Greater than 10MMBTU/hr Heat Input):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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 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-2		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. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-3		The permittee shall maintain a flare pilot flame at all times. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-4		In regards to the flare, the owner or operator has the choice of complying with the heat content specifications in 40 CFR 60.18 (c)(3)(ii) and the maximum tip velocity specifications in 40 CFR 60.18(c)(4), or adhering to the requirements in 40 CFR 60.18 (c)(3)(i). [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-5		The flare shall be steam-assisted, air-assisted, or nonassisted. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-6		The flare shall be monitored to ensure that it is operated and maintained in accordance with the design. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
L-7		The flare shall be operational at all times when emissions are vented to the flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

CONT0000000001 (AA-003) Process Flare (FL-701) (Greater than 10MMBTU/hr Heat Input):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall visually observe the flare for a minimum of five (5) minutes during operation, using EPA Method 22, weekly. 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 immediatly after corrections are made to demonstrate compliance with the visible emissions limitations. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
M-2		The presence of a flare pilot flame shall be continuously monitored using a thermocouple or any other equivalent device to detect the presence of a flame. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	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 the MDEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
R-2	The permittee shall record anytime the facility is operated without a flare flame present including the date, time, duration and corrective action taken. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
R-3	The permittee shall record the date and time that smoking was observed, the duration of smoking, the nature and cause of smoking, the date, time and description of the corrective actions(s) taken, and the resuls of the EPA Method 22 visual observation. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

EQPT0000000016 (AA-019) Three Phase Separator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Separated gas from the heater treaters and three phase separators shall be routed to the control flare for destruction of volatile organic compounds; or the gas shall be routed to a natural gas sales pipeline, if available. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2		Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the volume of gas sent to the control flare from the separator/heater treater processing units. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall record the volume of gas sent to the control flare from the separator/heater treater processing units. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

AREA0000000001 (AA-020) Fugitive Emissions (FUG):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

GRPT0000000001 (Oil Storage Tanks) Oil Storage Tanks:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall route all vapors from the crude oil storage tanks to the control flare for destruction of volatile organic. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2		Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

GRPT0000000002 (Heater Treater Burner Stack) Heater Treater Burner Stack:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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. . [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)]
L-3		Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

GRPT0000000003 (Internal Combustion Engines) Internal Combustion Engines:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The reciprocating internal combustion engine shall have emissions of opacity less than or equal to 40%, as determined by EPA Reference Method 9, 40 CFR Part 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)]
L-3		The permittee shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR Part 63, Subpart ZZZZ for all stationary Reciprocating Internal Combustion Engines (RICE) operated at this facility. [40 CFR 63_Subpart ZZZZ.63.6585]
L-4		The permittee shall comply with all applicable requirements of the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR Part 60, Subpart JJJJ for any internal combustion engines operated at this facility. [40 CFR 60_SUBPART JJJJ.4230]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall develop a detailed report of all applicable requirements of 40 CFR Part 60, Subpart JJJJ and 40 CFR Part 63, Subpart ZZZZ including limitations, notifications, monitoring, testing, reporting and recordkeeping no later than thirty (30) days from the certification of construction date. This applicability report shall be attached to the Permittee's copy of the permit and kept on-site and made available to MDEQ representatives during an inspection of the facility. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

GRPT0000000003 (Internal Combustion Engines) Internal Combustion Engines:

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall submit a report detailing all applicable requirements of 40 CFR Part 60, Subpart JJJJ and 40 CFR Part 63, Subpart ZZZZ including limitations, notifications, monitoring, testing, reporting and recordkeeping no later than thirty (30) days from the certification of construction date. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

GRPT0000000004 (Crude Oil and Produced Water Truck Loading Operati) Crude Oil and Produced Water Truck Loading Operations:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Vapors from crude oil truck loading shall be controlled by the control flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2		Crude oil and produced truck loading operations shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

GENERAL INFORMATION

Australis TMS Inc, Ash 13H-1 and 13H-2 Production Facility
Off Ash Road
Centreville, MS
Amite County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
66155	Australis TMS, Inc.	Official Site Name	08/04/2017	
2815700049	Australis TMS, Inc., Ash 13H-1 and 13H-2 Production Facility	Air-AIRS AFS	06/30/2014	
008000049	Encana Oil and Gas USA Inc, Ash 13H-1 and 13H-2 Production Facility	Air-Construction	10/28/2014	
	Branch	Branches Group - Air	07/18/2017	
66155	Encana Oil and Gas (USA), Inc.	Historic Site Name	06/27/2014	08/04/2017

Basin: South Independent Streams Basin