



Facility (Agency Interest) Information	Section OPGP - A
1. Name, Address, and Location of Facility	
A. Owner/Company Name: Australis TMS Inc.	_
B. Facility Name (if different than A. above): Ash 13H-1 and 13H-2 Pr	oduction Facility
C. Facility Air Permit/Coverage No. (if known): SMOP 0080-	OFF ECEIV
D. Agency Interest No. (if known):	11111 / 24 0000
E. Physical Address	[[JUN 12 2023
1. Street Address: Off Ash Road	
2. City: Centreville 3. State:	MS MDEQ
4. County: Amite 5. Zip Code:	39631
6. Telephone No.: 7. Fax No.:	
8. Are facility records kept at this location? ☐ Yes ☐ No. P	lease complete Item 10.
F. Mailing Address 1. Street Address or P.O. Box: 2. City: Houston 4. Zip Code: 77002 G. Latitude/Longitude Data 1. Collection Point (check one): Site Entrance	580 TX
2. Method of Collection (<i>check one</i>):	
☐ GPS Specify coordinate system (NAD 83, etc.)	
	Other:
3. Latitude (degrees/minutes/seconds): 31° 03' 50.04" N	
4. Longitude (degrees/minutes/seconds): 91° 01' 27.84" W	
5. Elevation (<i>feet</i>):	
H. SIC Code: 1311	
2. Name and Address of Facility Contact	1.2
A. Name: Colin Dickerson Title:	Production Engineer
B. Mailing Address 1. Street Address or P.O. Box: 2. City: Houston 4. Zip Code: 77002 6. Telephone No.: 346-229-2525 3 Allen Center, 333 Clay st., Suite 36 3 State: 5. Fax No.:	680 TX
7. Email: cdickerson@australisoil.com	

A. Name: Colin Dickerson Title: Production Engineer B. Mailing Address 1. Street Address or P.O. Box: 3 Allen Center, 333 Clay st., Suite 3680 2. City: Houston 3. State: TX 4. Zip Code: 77002 5. Fax No.: 6. Telephone No.: 346-229-2525 7. Email: cdickerson@australisoil.com 4. Name and Address of Responsible Official for the Facility The Form must be signed by a Responsible Official as defined in 11 Miss. Admin. Code Pt.2, R. 2.1.C(24). A. Name: David Greene Title: Vice President - Ops. B. Mailing Address 1. Street Address or P.O. Box: 3 Allen Center, 333 Clay st., Suite 3680 2. City: Houston 3. State: TX 4. Zip Code: 77002 5. Fax No.: 6. Telephone No.: 346-229-2525 7. Email: dgreene@australisoil.com C. Is the person above a duly authorized representative and not a corporate officer? Yes No Request for authorization is attached 5. Type of Oil Production Notice of Intent (Check all that apply) Initial Coverage Re-Coverage for existing Coverage Modification with Public Notice Industry Pu	Facility (Agenc	y Interest) Information			Section OPGP - A
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= Wodification with Labite Notice		Initial Coverage		Re-Coverage	for existing Coverage
☐ Undate Compliance Plan		Modification with Public Notice		Modification	without Public Notice
Spatte Compitation 1 tan		Update Compliance Plan			

	EMISSIONS EC	QUIPMENT AT A SYNTHETIC MI	INOK	SOURC	E
Fa	cility (Agency Interest) Information	Sec	tion OPG	P - A
6.	Equipment List (Chec.	k all that apply)			
Co	omplete supporting emissio	n calculations must be included for each potential	emission	unit selecte	d below
4	Heater Treater. Include a	a completed Section OPGP-C Form for each unit			
V	Condensation Storage V	essel. Include a completed Section OPGP-E Form	m for eac	ch unit.	
4	Water Storage Vessel. In	nclude a completed Section OPGP-E Form for ea	ch unit.		
	Internal Combustion Eng	gine. Include a completed Section OPGP-D Form	for eacl	h unit.	
1	7	ed Section OPGP-F Form for each unit.	_		
V	Oil Truck Loading (Sect				
1		issions (Section OPGP-B Form)			
	Other:				
7.	Process/Product Detail	ls			
	Ma	ximum Anticipated Well(s) Production for Facil	tiv:		
	Produced Material	Throughput		Units	
	Gas	174.15	M	1CF/day	
	Oil	108.78		arrels/day	
	Water	433.76		arrels/day	
	Other (Specify)				
	Maximum An	ticipated Throughput for Principal Product(s) (as	s applica	able):	
	Produced Material	Throughput	11	Units	
	Flared Gas	3 1	M	IMCF/day	
	Oil			arrels/day	
	Water			arrels/day	
	Other (Specify)			<i>j</i>	
8.	Zoning				
A.	Is the facility (either exis	ting or proposed) located in accordance with any	v applica	able city and	d/or
	county zoning ordinance		, appirou	iore orej um	u, 01
	Yes	in its, produce originality			
R	Is the facility (either exis	ting or proposed) required to obtain any zoning	variance	to	
В.		at this site? If yes, please explain.	variance	10	
	No	at this site. If yes, prease explain.			
	110				
C	Is the required USGS and	adrangle map or equivalent attached?		∕es ⊡	No
Ο.	is the required Obob que	adiangle map of equivalent attached?	_ r	(C) L	No

Facility (Agency Interest) Information

Section OPGP - A

9. MS Secretary of State Registration / Certificate of Good Standing

No permit will be issued to a company that is not authorized to conduct business in Mississippi. If the company applying for the permit is a corporation, limited liability company, a partnership or a business trust, the application package should include proof of registration with the Mississippi Secretary of State and/or a copy of the company's Certificate of Good Standing. The name listed on the permit will include the company name as it is registered with the Mississippi Secretary of State.

It should be noted that for an application submitted in accordance with 11 Miss. Admin. Code Pt. 2, R. 2.8.B. to renew a State Permit to Operate or in accordance with 11 Miss. Admin. Code Pt. 2, R. 6.2.A(1)(c). to renew a Title V Permit to be considered timely and complete, the applicant shall be registered and in good standing with the Mississippi Secretary of State to conduct business in Mississippi.

10. Address and Locat	ion of Facility Records		
Physical Address 1. Street Address:	Australis Field Office, 16	20 East Main Streat	
2. City: Liberty	Australis Field Office, 10	3. State: MS	
4. County:		5. Zip Code: 39646	
6. Telephone No.:	346-229-2525	7. Fax No.:	

Facility (Agency Interest) Information

Section OPGP - A

11. Certification

The Form must be signed by a Responsible Official as defined in 11 Miss. Admin. Code Pt. 2, R. 2.1.C.(24).

I certify that to the best of my knowledge and belief formed after reasonable inquiry, the statements and information in this application are true, complete, and accurate, and that as a responsible official, my signature shall constitute an agreement that the applicant assumes the responsibility for any alteration, additions, or changes in operation that may be necessary to achieve and maintain compliance with all applicable Rules and Regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signatur	re of Responsible Offi	icial/DAR	_	6/8/23 Date
DAVID	OREGNE Printed Name		_	6/8/23 Date

Section B

Section OPGP-B.1: Maximum Uncontrolled Emissions (under normal operating conditions)

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum plant capacity without pollution controls for 8760 hours per year, unless otherwise approved by the Department. List Hazardous Air Pollutants (HAP) in Section OGP-B.3 and GHGs in Section OGP-B.4. Emission Point numbering must be consistent Maximum Uncontrolled Emissions are the emissions at maximum capacity and prior to (in the absence of) pollution control, emission-reducing process equipment, or any other emission reduction. Calculate the throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Emissions > 0.01 TPY must be included. Please do not change the column widths on this table.

TSP	TSP^{1} (PM)	PM-101	-101	PM.	PM-2.5 ¹	SO_2	\mathcal{I}_2	NOX	XC.	C	CO	V	VOC	T	TRS^2	Lead	ad	Total HAPs	HAPs
lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
900.0	0.023	900.0	0.023	900'0	0.023		-	-	-	0.062	0.26	0.004	0.017						t
900.0	0.023	900.0	0.023	900.0	0.023	-	-	0.074	0.31	0.062	0.26	0.004	0.017					•	•
,	-		-	-	1		-	5.33	2.04	10.64	4.08	55.54	232.88				1	0.397	1.663
1	-	,	-	•	-	-	-	-	•	-	-	73.31	0.70			•		2.20	0.02
,	-		,	-	-		-	-	-	1		73.31	0.70			,		2.20	0.02
	-	•	-	-	-	-	-	-	-		-	73.31	0.70			-		2.20	0.02
1	-	1	-	-	1	-	1	-	-	1		73.31	0.70			-	-	2.20	0.02
		-	-	-	-	•	-	-	-	-	-	73.31	0.70					2.20	0.02
,	-		-	-	1			-	-	-1	-	73.31	0.70				1	2.20	0.02
	-	-	-	-	-	-	-	-	-	-	-	0.73	0.018			-	-	•	-
	-		-	-	-		-	-		1	-	0.73	0.018				E	-	
1	-	-		-	-	-	-	-	-	-	-	23.48	2.45			-		0.71	0.07
·	-	-	·	-	E	r	ı	-	-	Е	ı	0.14	0.059			-	Е	-	-
		-	-	-		-	-		-		-	0.51	2.13			-	-	0.01	0.0408
0.011	0.047	0.011	0.047	0.011	0.047		•	5.41	2.35	10.77	4.60	521.01	241.76	3				14.33	1.90

¹ Condensables: Include condensable particulate matter emissions in particulate matter calculations for PM-10 and PM-2.5, but not for TSP (PM).

² TRS: Total reduced sulfur (TRS) is the sum of the sulfur compounds hydrogen sulfide (HsS), methyl mercaptan (CH4S), dimethyl sulfide (C2H6S), and dimethyl disulfide (C2H6S2).

Section OPGP-B.2: Proposed Allowable Emissions

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

Proposed Allowable Emissions (Potential to Emit) are those emissions the facility is currently permitted to emit as limited by a specific permit requirement or federal/state standard (e.g., a MACT standard); or the emission rate at which the facility proposes to emit considering emissions control devices, restrictions to operating rates/hours, or other requested permit limits that A "-" symbol indicates that emissions of this pollutant are not expected. Additional columns may be added if there are regulated pollutants (other than HAPs and GHGs) emitted at the reduce the maximum emission rates. Emission Point numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. facility

	L			П					1						1800	
Lead	ton/yr	-	-	ı	1	,	•	1	-	ı		-	-	1	1	1
Γ	lb/hr	-	-	ï	•	ï	1	-	-	-	-		-	-	-	
TRS	ton/yr	1	-	-	-	-	-	-	-	-	•		-	-	-	
T	lb/hr		-		-	-	-	-	-	-	-		-		-	ı
C	ton/yr	0.017	0.017	3.86	0.014	0.014	0.014	0.014	0.014	0.014	0.018	0.018	0.080	0.059	2.13	6.28
VOC	lb/hr	0.004	0.004	0.92	1.47	1.47	1.47	1.47	1.47	1.47	0.73	0.73	0.77	0.14	0.51	12.61
С	ton/yr	0.26	0.26	4.08	-	-	-	-	•	-	-	-	-	1	-	4.60
00	lb/hr	0.062	0.062	10.64	-		-	-	-			1	-	-	-	10.77
X ₁	ton/yr		0.31	2.04	-	-	-	-	-	1		-	-	-	-	2.35
NOx	lb/hr	-	0.074	5.33	-	1	-		-		-			-	-	5.41
2	ton/yr	,	-		-	ī		1	1	ı	-	ī	-	-	-	ı
SO_2	lb/hr	1	-	1	-	ı	-	-	-	ı	-		-	-	-	E
.51	ton/yr	0.023	0.023	1	-	r	-	-	-	ı	-	1	-	-		0.047
PM2.5 ¹	lb/hr	900.0	900.0			ı	-	1	-		-		-	1	-	0.011
101	ton/yr	0.023	0.023	-	-	-		-		-		-	-	-	-	0.047
PM101	lb/hr	900.0	900.0	-	•		-	-	-	1	-	ı	-	-	-	0.011
\mathbf{p}^{1}	ton/yr	0.023	0.023	-	-	r		-		-		-		-	-	0.047
TSP	lb/hr	900.0	900.0	-		ī		-		-			-	-		0.011
Emission	Point ID	AA-001	AA-002	AA-003	AA-007	AA-008	AA-009	AA-010	AA-011	AA-012	AA-015	AA-016	AA-017	AA-018	AA-020	Totals

¹ Condensables: Include condensable particulate matter emissions in particulate matter calculations for PM-10 and PM-2.5, but not for TSP (PM).

² TRS: Total reduced sulfur (TRS) is the sum of the sulfur compounds hydrogen sulfide (H₂S), methyl mercaptan (CH₄S), dimethyl sulfide (C₂H₆S), and dimethyl disulfide (C₂H₆S₂).

June 2023

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Section OPGP-B.3: Proposed Allowable Hazardous Air Pollutants (HAPs)

In the table below, report the Proposed Allowable Emissions (Potential to Emit) for each HAP from each regulated emission unit if the HAP > 0.01 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources. Use the HAP nomenclature as it appears in the Instructions. Emission Point numbering must be consistent throughout the application package. For each HAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above. Additional columns may be added as necessary to address each HAP.

Point ID Ib/hr ton/yr Ib/hr ton/yr AA-007 - - - AA-008 - - - AA-010 - - - AA-011 - - - AA-012 - - - AA-017 - - - AA-018 - - - AA-018 - - - AA-019 - - - AA-010 - - - AA-011 - - - AA-015 - - - AA-018 - - - AA-020 - - - AA-020 0.010 0.041 -	Benzene	n-He	n-Hexane	Toluene	ene	Ethylb	Ethylbenzene	Xyl	Xylenes						
	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/vr	lb/hr	ton/vr
		ı	,	1	,	81	1								
	1	,		•				•	1						
	1					-	ı		ı						
	1	1	- 1				ı								
	11	1													
		1	•						1						
	,	ı			,		,		,						
	•			1					-						
	1	,													
0.010 0.041	•							•							
0.010 0.041	,		J	2015					Е						
0.010 0.041			1	•											
	•	0.005	0.020				,	0.003	0.014						
AA-003 0.008 0.033 -	1	0.003	0.014	0.003	0.013	5	ı		,						
Totals: 0.35 0.082 -	Ľ	0.17	0.037	0.014	0.014			0.12	0.022						

June 2023

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Section OPGP-B.4: Greenhouse Gas Emissions

Applicants must report potential emission rates in SHORT TONS per year, as opposed to metric tons required by Part 98. Emission Point numbering must be consistent throughout the application package and, for existing emission points, should match any MDEQ ID's in the current permit.

		CO ₂ (non- biogenic) ton/yr	CO ₂ (biogenic) ² ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SF ₆ ton/yr	PFC/HFC ³ ton/yr		Total GHG Mass Basis ton/yr ⁵	Total CO ₂ e ton/yr ⁶
Emission G	GWPs 1	1	1	298	25	22,800	footnote 4			
10	mass GHG	367.84	-	0.001	0.007				367.85	
AA-001	CO2e	367.84	-	0.21	0.17					368.22
	mass GHG	367.84	•	0.001	0.007		-		367.85	
AA-002	CO2e	367.84	-	0.21	0.17	•	-			368.22
382	mass GHG	1731.41	-	0.003	0.033	-			1731.44	
AA-003	CO2e	1731.41	-	26.0	0.82	-				1733.20
	mass GHG	0.00		-	0.00003	-	-		0.001	
AA-00/	CO2e	0.00		-	8000.0					0.002
18	mass GHG	0.00	-		0.00003				0.001	
AA-000	CO2e	0.00	-		0.0008	-				0.002
т ооо	mass GHG	0.00	-	-	0.00003	-	-		0.001	
	CO ₂ e	0.00	ı	-	0.0008		1			0.002
100	mass GHG	0.00	-		0.00003				0.001	
AA-010	CO2e	0.00	-		0.0008					0.002
	mass GHG	0.00	-	-	0.00003		-		0.001	
AA-011	CO ₂ e	0.00	ı	,	0.0008		-			0.002
A A 013 ma	mass GHG	0.00	-	•	0.00003		-		0.001	
	C02e	0.00	-		0.0008					0.002
Ma 015 ma	mass GHG	0.00	1	-	0.0001	-	•		0.0001	
	C02e	0.00	-		0.002		-			0.002
A A 016 ma	mass GHG	0.00	-		0.0001				0.0001	
18	C02e	0.00	-		0.0019	10 To 1 - 10 To 1				0.002
ma ma	mass GHG	0.00	1	1	0.0004		-		0.0005	
	C02e	0.00	1	-	0.009		-			0.009
M 010 M	mass GHG	0.00		-	0.0003			一种,不是一种。	0.0004	
	C02e	0.00	-		0.0064					0.007
ma 020 AA	mass GHG	0.21	1	1	1.12				1.33	
-	C02e	0.21		1	27.97		-			28.18
Y	mass GHG	2467.31	-	0.005	1.17	-	•		2468.48	
TOTAL	CO ₂ e	2467.31	-	1.39	29.16	-				2497.85

GWP (Global Warming Potential): Applicants must use the most current GWPs codified in Table A-1 of 40 CFR part 98. GWPs are subject to change, therefore, applicants need to check 40 CFR 98 to confirm GWP values.

² Biogenic CO2 is defined as carbon dioxide emissions resulting from the combustion or decomposition of non-fossilized and biodegradable organic material originating from plants, animals, or micro-organisms.

³ For HFCs or PFCs describe the specific HFC or PFC compound and use a separate column for each individual compound.

⁴ For each new compound, enter the appropriate GWP for each HFC or PFC compound from Table A-1 in 40 CFR 98

Greenhouse gas emissions on a mass basis is the ton per year greenhouse gas emission before adjustment with its GWP. Do not include biogenic CO₂ in this total.

CO2e means Carbon Dioxide Equivalent and is calculated by multiplying the TPY mass emissions of the greenhouse gas by its GWP. Do not include biogenic CC2e in this total.

Australis TMS Inc.

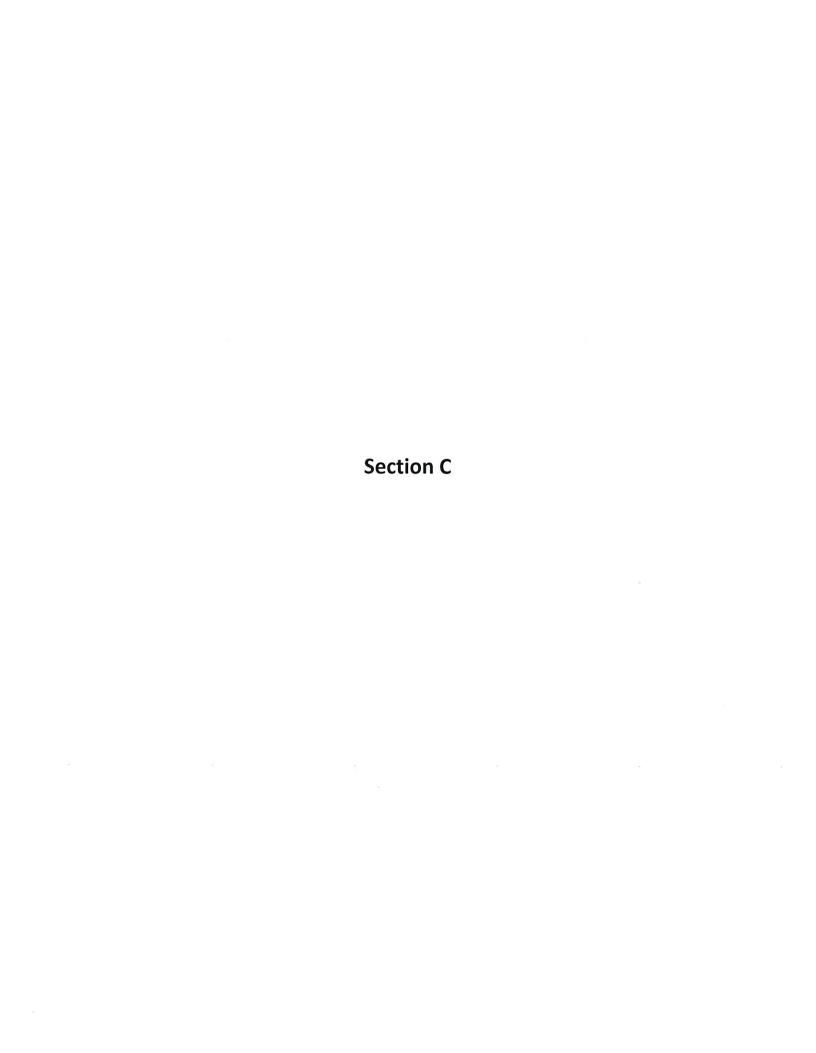
MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Section OPGP-B.5: Stack Parameters and Exit Conditions

Emission Point numbering must be consistent throughout the application package.

Emission Point ID	Orientation (H- Horizontal	Rain Caps	Height Above Ground	Base Elevation	Exit Temp.	Inside Diameter or Dimensions	Velocity	Moisture by Volume	Geographic Position (degrees/minutes/seconds)	ic Position utes/seconds)
	V=Vertical)	(Yes or No)	(ft)	(ft)	(°F)	(ft)	(ft/sec)	(%)	Latitude	Longitude
AA-003										
		10								
	Commence of the Commence of th			SWITTERSON THE STREET SWITTERS						CARDON ACTOR OF THE TANK OF THE CARD

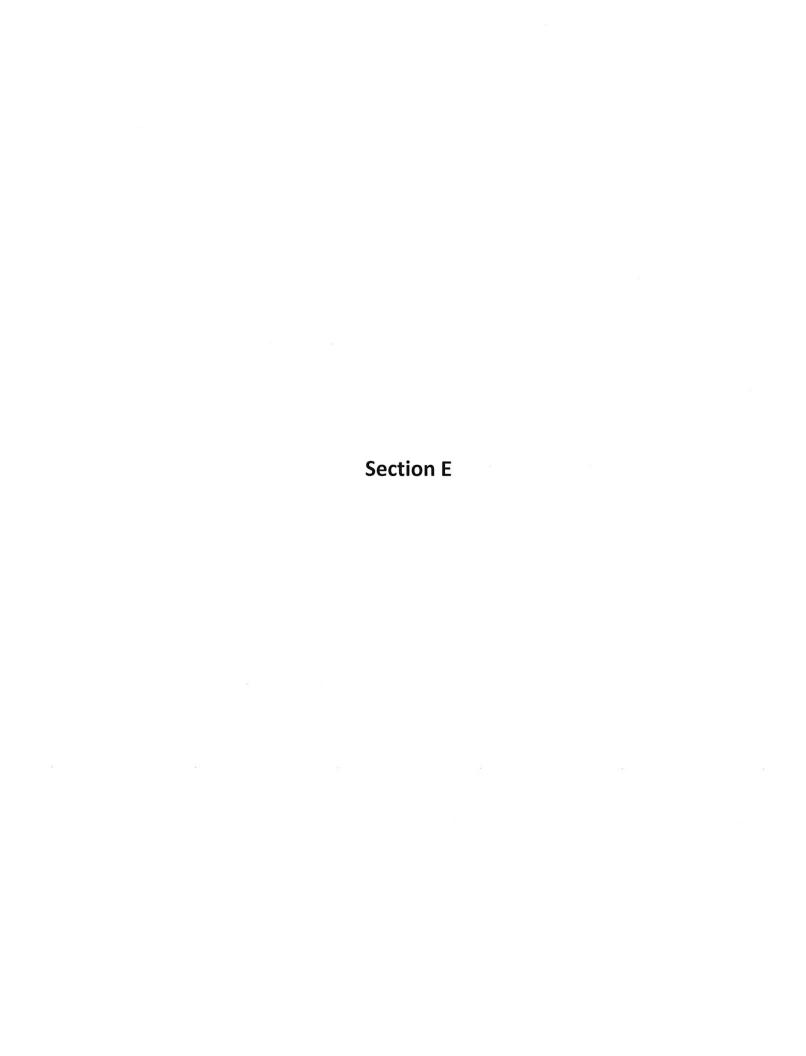
¹ A WAAS-capable GPS receiver should be used and in the WGS84 or NAD83 coordinate system.

 $^{^2\ \}mathrm{All}$ emissions from the heater treater and crude oil tanks are vented to the flare (EP AA-003)



Fuel Burning Equipment – External Combustion **Section OPGP-C** Sources **Emission Point Description** Emission Point Designation (Ref. No.): AA-001 (V-103) A. В. Equipment Description: Horrizontal Emulsion Heater Treater Manufacturer: D. Date of Manufacture and No.: C. E. Maximum Heat Input F. Nominal Heat (higher heating value): 0.75 MMBtu/hr Input Capacity: 0.75 MMBtu/hr Heater Treater TEG Burner G. Use: Line Heater Other (describe): Space Heat Process Heat ☐ Indirect Heat Mechanism: Direct H. I. Burner Type (e.g., forced draft, natural draft, etc.): Additional Design Controls (e.g., FGR, etc.): J. Under Construction K. Status: \boxtimes Operating Proposed 2. **Fuel Type** Complete the following table, identifying each type of fuel and the amount used. Specify the units for heat content, hourly usage, and yearly usage. % SULFUR MAXIMUM FUEL TYPE HEAT % ASH MAXIMUM HOURLY YEARLY CONTENT USAGE USAGE 0 0.00062 MMscf/hr 5.23 MMscf/yr Natural Gas 1203.04 Btu/scf 0 Please list any fuel components that are hazardous air pollutants and the percentage in the fuel:

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Fuel Burning Equipment – External Combustion** Section OPGP-C Sources 1. **Emission Point Description** Emission Point Designation (Ref. No.): AA-002 (V-203) A. B. Equipment Description: Vertical Emulsion Heater Treater Manufacturer: D. Date of Manufacture and No.: C. E. Maximum Heat Input F. Nominal Heat (higher heating value): 0.50 MMBtu/hr Input Capacity: ____0.50___ MMBtu/hr G. Use: Line Heater Heater Treater TEG Burner Other (describe): Space Heat Process Heat Heat Mechanism: Indirect H. Direct I. Burner Type (e.g., forced draft, natural draft, Additional Design Controls (e.g., FGR, etc.): K. Status: \times Operating Under Construction Proposed 2. Fuel Type Complete the following table, identifying each type of fuel and the amount used. Specify the units for heat content, hourly usage, and yearly usage. FUEL TYPE HEAT % SULFUR % ASH MAXIMUM MAXIMUM CONTENT HOURLY YEARLY USAGE **USAGE** Natural Gas 1203.04 Btu/scf 0 0 0.00042 MMscf/hr 3.49 MMscf/yr Please list any fuel components that are hazardous air pollutants and the percentage in the fuel:



MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Tank Summary Section OPGP-E Emission Point Description

18	ink	Summary Section OPGP-E	
1.	En	nission Point Description	
	A.	Emission Point Designation (Ref. No.): AA-007 (S-501) / OIL TANK 1	
	B.	Product(s) Stored: Crude oil RVP 5	
	C.	Status: Operating Proposed Under Construction JUN 12 2023	-
	D.	Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction:	
		VIDEO	
2.	Ta	nk Data	
	A.	Tank Specifications:	
		1. Design capacity16,800 gallons	
		2. True vapor pressure at storage temperature: 3.84 psia @ 67.675 °F	
		3. Maximum true vapor pressure (as defined in 4.95 psia @ 67.675 °F §60.111b)	
		4. Reid vapor pressure at storage temperature: psia @ °F	
		5. Density of product at storage temperature: lb/gal	
		6. Molecular weight of product vapor at storage temp50 lb/lbmol	
	B.	Tank Orientation: ☐ Vertical ☐ Horizontal	
	C.	Type of Tank:	
		☐ Pressure ☐ Variable Vapor Space ☐ Other:	
	D.	Is the tank equipped with a Vapor Recovery System	
	Е.	Closest City:	
		☐ New Orleans, LA ☐ Memphis, TN ☐ Baton Rouge, LA	
	F.	Is an E&P or similar report described in Condition 5.4(5) of the General Permit included for this tank in the Notice of Intent?	

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E Tank Summary Horizontal Fixed Roof Tank** Shell Length: feet B. Shell Diameter: feet Working Volume: gal Maximum Throughput: gal/yr Is the tank heated? Yes E. No F. Is the tank underground? Yes No Shell Color/Shade: Aluminum/Specular Aluminum/Diffuse Red/Primer Gray/Light Gray/Medium Good ☐ Poor H. Shell Condition: **Vertical Fixed Roof Tank** Dimensions: Shell Height: 20 1. feet 2. Shell Diameter: 12 feet feet 3. Maximum Liquid Height: 4. Average Liquid Height: feet Working Volume: 16,800 5. gal Turnovers per year: 16.54 6. 7. Maximum throughput: 277,932 Is the tank heated? Yes 8. No Shell Characteristics: 1. Shell Color/Shade: Aluminum/Specular White/White Aluminum/Diffuse \boxtimes Gray/Medium Red/Primer Gray/Light \bowtie 2. Shell Condition: Good Poor Roof Characteristics: Roof Color/Shade: White/White Aluminum/Diffuse Aluminum/Specular \boxtimes Gray/Medium Red/Primer Gray/Light **Roof Condition:** Good Poor 2. \boxtimes 3. Type: Cone Dome 4. 20 feet Height:

			MINOR SOURCE	
Ta	nk	Sur	nmary	Section OPGP-E
5.		OF THE STATE	al Floating Roof Tank	
	A.		« Characteristics:	
	Λ.	1.	Diameter: feet	
		2.	Tank Volume: gal	
		3.	Turnovers per year:	
		4.	Maximum Throughput: gal/yr	
		5.	Number of Columns:	
		6. 7.	Self-Supporting Roof?	
		1.	9"x7" Built-up Column	Unknown
		8.	Internal Shell Condition:	
			☐ Light Rust ☐ Dense Rust ☐	Gunite Lining
		9.	External Shell Color/Shade:	A1
			☐ White/White ☐ Aluminum/Specular ☐	Aluminum/Diffuse
			☐ Gray/Light ☐ Gray/Medium ☐	Red/Primer
		10.	External Shell Condition: Good Poor	
		11.	Roof Color/Shade:	
			☐ White/White ☐ Aluminum/Specular ☐ Alumin	num/Diffuse
			☐ Gray/Light ☐ Gray/Medium ☐ Red/Pr	imer
		12.	Roof Condition: Good Poor	
	B.	Rim 1.	Seal System: Primary Seal:	☐ Vapor-mounted
		2.	Secondary Seal:	☐ None
	C.	Decl	Characteristics: Deck Type: Bolted Welded	
		2.	Deck Fitting Category: Typical Detail	
6.	Ex	tern	al Floating Roof Tank	
	A.	1 ani	Characteristics Diameter: feet	
		2.	Tank Volume: gal	
		3.	Turnovers per year:	
		4.	Maximum Throughput: gal/yr	
		5.	Internal Shell Condition:	
			☐ Light Rust ☐ Dense Rust ☐ Guni	te Lining

MDEO NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E Tank Summary External Floating Roof Tank (continued)** Tank Characteristics (continued): Paint Color/Shade: ☐ Aluminum/Specular Aluminum/Diffuse White/White Gray/Light Gray/Medium Red/Primer ☐ Poor Paint Condition: Good 7. **Roof Characteristics** B. Double Deck Roof Type: Pontoon Typical 2. Roof Fitting Category: Detail Tank Construction and Rim-Seal System: Tank Construction: Welded Riveted 2. Primary Seal: ☐ Mechanical Shoe Liquid-mounted Vapor-mounted 3. Secondary Seal None Shoe-mounted Rim-mounted Weather shield 7. Pollutant Emissions Fixed Roof Emissions: Working Loss (tons/yr) Breathing Loss (tons/yr) **Total Emissions** Pollutant¹ (tons/yr) VOC 0.008 0.006 0.014 B. Floating Roof Emissions: Pollutant¹ **Total Emissions** Rim Seal Withdrawal Deck Fitting Deck Seam Landing Loss Loss² (tons/yr) Loss Loss Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance

with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air pollutants is provided in the OGP Application Instructions.

^{2.} Landing losses should be determined according to the procedures in Organic Liquid Storage Tanks chapter of EPA's AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".

T	Tank Summany Sastian ODCD E								
55540005	Tank Summary Section OPGP-E								
1.	En	nission Point Description							
	А. В.	Emission Point Designation (Ref. No.): AA-008 (S-502) / OIL TANK 2 Product(s) Crude oil RVP 5 Stored:							
	C.	Status:							
	D.	Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013							
2.	Ta	nk Data							
	A. B. C.	Tank Specifications: 1. Design capacity 2. True vapor pressure at storage temperature: 3. Maximum true vapor pressure (as defined in \$\frac{3.84}{860.111b}\$) psia @ \$\frac{67.675}{67.675}\$ °F \$\frac{860.111b}{9}\$ 4. Reid vapor pressure at storage temperature: 5. Density of product at storage temperature: 6. Molecular weight of product vapor at storage temp. Tank Orientation: Vertical Horizontal Type of Tank:							
		☐ Fixed Roof ☐ External Floating Roof ☐ Internal Floating Roof ☐ Pressure ☐ Variable Vapor Space ☐ Other:							
	D.	Is the tank equipped with a Vapor Recovery System Yes No and/or flare? If yes, describe below and include the efficiency of each.							
	E.	Closest City: Jackson, MS							
	F.	Is an E&P or similar report described in Condition 5.4(5) of the Yes No General Permit included for this tank in the Notice of Intent?							

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Tank Summary **Section OPGP-E** 3. Horizontal Fixed Roof Tank Shell Length: B. Shell Diameter: feet Working Volume: gal D. Maximum Throughput: gal/yr E. Is the tank heated? Yes No F. Is the tank underground? Yes No Shell Color/Shade: Aluminum/Specular Aluminum/Diffuse Gray/Light Gray/Medium Red/Primer Shell Condition: Good Poor 4. **Vertical Fixed Roof Tank** Dimensions: Shell Height: 1. 20 feet 2. Shell Diameter: 12 feet 3. Maximum Liquid Height: feet Average Liquid Height: 4. feet Working Volume: 5. 16,800 gal 6. Turnovers per year: 16.54 7. Maximum throughput: 277,932 8. Is the tank heated? Yes No Shell Characteristics: 1. Shell Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse Gray/Light \boxtimes Gray/Medium Red/Primer 2. Shell Condition: \bowtie Good Poor Roof Characteristics: Roof Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse \boxtimes Gray/Light Gray/Medium Red/Primer

20

Good

Cone

feet

Poor

Dome

 \boxtimes

2.

3.

4.

Roof Condition:

Type:

Height:

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E** 5. Internal Floating Roof Tank Tank Characteristics: 1. Diameter: 2. Tank Volume: gal 3. Turnovers per year: 4. Maximum Throughput: gal/yr 5. Number of Columns: 6. Self-Supporting Roof? Yes No 7. Effective Column Diameter: ☐ 9"x7" Built-up Column 8" Diameter Pipe Unknown 8. Internal Shell Condition: ☐ Light Rust Dense Rust **Gunite Lining** 9. External Shell Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse Gray/Light Gray/Medium Red/Primer External Shell Condition: Good Poor Roof Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse Gray/Light Gray/Medium Red/Primer 12. Roof Condition: Good Poor Rim Seal System: Liquid-mounted Vapor-mounted 2. Secondary Seal: Shoe-mounted Rim-mounted None Deck Characteristics: 1. Deck Type: Bolted Welded Deck Fitting Category: **Typical** ☐ Detail **External Floating Roof Tank** Tank Characteristics 1. Diameter: 2. Tank Volume: 3. Turnovers per year: 4. Maximum Throughput: gal/yr 5. Internal Shell Condition: ☐ Light Rust Dense Rust **Gunite Lining**

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Tank Summary Section OPGP-E External Floating Roof Tank (continued)

anl	k S	Sun	nma	ry					S	ection OPGP-E
E	exte	erna	al Fl	oating Roo	f Tank (c	ontinued)				
A		Гапk б.		acteristics (con Color/Shade: White/White	_	luminum/Specu	lar		Aluminum	/Diffuse
				Gray/Light	□ G	ray/Medium			Red/Prime	r
	7	7.	Paint	Condition:	\Box G	ood		Poor		
B. Roof Characteristics 1. Roof Type: Pontoon					Doub	le Deck				
	2	2.	Roof	Fitting Catego	ory:	□ T	ypical		□ De	etail
C.		Γank		truction and R Construction:	im-Seal Syst		/elded		☐ Ri	veted
2. Primary Seal: ☐ Mechanical Shoe ☐ Liquid-mounted ☐ Vapor-mounted					por-mounted					
	3		Secon	ndary Seal None	Shoe-mo	ounted [☐ Rim-	mour	nted	☐ Weather shield
P	ollı	ıtaı	nt E	missions						
A.				Emissions:	Working	Loss (tons/yr)	Dunath	.i., T	ass (tausless) Total Emissions
		Pollutant ¹			WOIKINg	Breatti	mig r	oss (tons/yr	(tons/yr)	
	V	VOC				0.006		0.014		
B. Floating Roof Emissions:										
Po	lluta	ant ¹		Rim Seal Loss (tons/yr)	Withdrawa Loss (tons/yr)	l Deck Fitting Loss (tons/yr)	g Deck S Los (tons/	SS	Landing Loss ² (tons/yr)	Total Emissions (tons/yr)
	Δ 11 .	regul	lated a	ir pollutants inc	luding hazard	ous air pollutants	mittad from			

^{2.} Landing losses should be determined according to the procedures in *Organic Liquid Storage Tanks* chapter of EPA's AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary **Emission Point Description** Emission Point Designation (Ref. No.): AA-009 (S-503) / OIL TANK 3 Crude oil RVP 5 Product(s) В. Stored: Status: Operating Proposed **Under Construction** Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 2. **Tank Data** Tank Specifications: 16,800 1. Design capacity gallons True vapor pressure at storage temperature: 2. 3.84 psia @ 67.675 Maximum true vapor pressure (as defined in ٥F 3. 4.95 psia @ §60.111b) 4. Reid vapor pressure at storage temperature: psia @ ٥F lb/gal 5. Density of product at storage temperature: Molecular weight of product vapor at storage temp. lb/lbmol jý): Horizontal Tank Orientation: Vertical Type of Tank: Fixed Roof External Floating Roof Internal Floating Roof Variable Vapor Space Other: Pressure Is the tank equipped with a Vapor Recovery System Yes No and/or flare? If yes, describe below and include the efficiency of each. Closest City: Jackson, MS Meridian, MS Tupelo, MS ☐ Mobile, AL

 \boxtimes

Baton Rouge, LA

Yes

No

Is an E&P or similar report described in Condition 5.4(5) of the

General Permit included for this tank in the Notice of Intent?

Memphis, TN

New Orleans, LA

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 3. Horizontal Fixed Roof Tank Shell Length: B. Shell Diameter: C. Working Volume: gal Maximum Throughput: gal/yr Is the tank heated? Yes No Is the tank underground? Yes F. No Shell Color/Shade: Aluminum/Diffuse Aluminum/Specular Gray/Light Gray/Medium Red/Primer Shell Condition: Good Poor **Vertical Fixed Roof Tank** 4. Dimensions: Shell Height: 1. 20 feet 12 Shell Diameter: feet 2. 3. Maximum Liquid Height: feet Average Liquid Height: 4. feet 16,800 gal 5. Working Volume: 6. Turnovers per year: 16.54 Maximum throughput: 277,932 7. Is the tank heated? Yes No 8. Shell Characteristics: Shell Color/Shade: 1. Aluminum/Specular Aluminum/Diffuse White/White \bowtie Gray/Medium Red/Primer Gray/Light Shell Condition: \boxtimes Good Poor 2. **Roof Characteristics:** Roof Color/Shade: Aluminum/Diffuse White/White Aluminum/Specular \boxtimes Gray/Medium Red/Primer Gray/Light Good Poor 2. **Roof Condition:** \boxtimes Cone Dome 3. Type: 4. Height: 20

	MINOR SOURCE						
Ta	ınk	Sur	nmary	Section OPGP-E			
5.	Int	erna	al Floating Roof Tank				
<i>3</i> .	A.		k Characteristics: Diameter: feet Tank Volume: gal Turnovers per year: Maximum Throughput: gal/yr Number of Columns: Self-Supporting Roof? Yes No Effective Column Diameter: 9"x7" Built-up Column Internal Shell Condition: Light Rust Dense Rust External Shell Color/Shade:	☐ Unknown Gunite Lining			
			☐ White/White ☐ Aluminum/Specular ☐	Aluminum/Diffuse			
			☐ Gray/Light ☐ Gray/Medium ☐	Red/Primer			
		10. 11.	External Shell Condition: Good Poor Roof Color/Shade: White/White Aluminum/Specular Alumin	num/Diffuse			
			☐ Gray/Light ☐ Gray/Medium ☐ Red/Pr	imer			
		12.	Roof Condition: Good Poor				
	B.	Rim 1.	Seal System: Primary Seal:	☐ Vapor-mounted			
		2.	Secondary Seal: Shoe-mounted Rim-mounted	☐ None			
	C.	Deck	k Characteristics: Deck Type:				
		2.	Deck Fitting Category: Typical Detail				
6.	Ex	tern	al Floating Roof Tank				
	A.	Tank 1. 2. 3. 4. 5.	C Characteristics Diameter: Tank Volume: Turnovers per year: Maximum Throughput: Internal Shell Condition: Light Rust Guni	ite Lining			

ank	Sur	nmai	y				Se	ction OPGP-
Ex	ktern	al Flo	ating Roo	f Tank (c	ontinued)			
A.	Tanl 6.	Paint (cteristics (cor Color/Shade: White/White		.luminum/Specula	r 🗆	Aluminum/I	Diffuse
			Gray/Light		Gray/Medium		Red/Primer	
	7.	Paint (Condition:		Good	Poor		
B.	Roof	f Charac Roof	cteristics Γype:	Pontoc	n	☐ Doub	ole Deck	
	2.	Roof I	Fitting Catego	ory:	□ Туј	pical	☐ Det	ail
C.	Tank 1.		ruction and R Construction:			lded	☐ Riv	eted
	2.	Drima	ry Seal:					
	3.	Second	Mechanical S dary Seal		Liquid-mou			or-mounted
Po	3.	Second	Mechanical S	hoe Shoe-m		inted Rim-moui		or-mounted Weather shiel
Po A.	3.	Second 1	Mechanical S dary Seal None					_
	3.	Second I	Mechanical S dary Seal None	Shoe-m		Rim-mour		☐ Weather shiel
	3. Iluta	Second Second I Output A Roof Lutant I	Mechanical S dary Seal None	Shoe-me	ounted	Rim-mour	nted	☐ Weather shiel
	3. Fixed Pollu	Second Second I Output A Roof Lutant I	Mechanical S dary Seal None	Shoe-me	Loss (tons/yr)	Rim-mour	Loss (tons/yr)	☐ Weather shiel Total Emissions (tons/yr)
А.	Fixed Pollu	Second I	Mechanical S dary Seal None nissions Emissions:	Shoe-me	Loss (tons/yr)	Rim-mour Breathing I	Loss (tons/yr)	Total Emissions (tons/yr) 0.014
А.	Fixed Pollu	Second I	Mechanical S dary Seal None Tissions Emissions:	Shoe-me	Loss (tons/yr)	Rim-mour	Loss (tons/yr)	☐ Weather shiel Total Emissions (tons/yr)
А.	Fixed Pollu	Second I	dary Seal None nissions Emissions: of Emissions: Rim Seal Loss	Working Withdrawa Loss	Loss (tons/yr) 0.008 Deck Fitting Loss	Breathing I 0. Deck Seam Loss	Landing Loss ²	Total Emissions (tons/yr) 0.014 Total Emissions

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E Emission Point Description** Emission Point Designation (Ref. No.): AA-010 (S-504) / OIL TANK 4 B. Product(s) Crude oil RVP 5 Stored: Status: **Under Construction** Operating Proposed Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 2. **Tank Data** Tank Specifications: 1. Design capacity 16,800 gallons psia @ 2. True vapor pressure at storage temperature: 3.84 67.675 Maximum true vapor pressure (as defined in 4.95 psia @ 67.675 3. §60.111b) °F 4. Reid vapor pressure at storage temperature: psia @ Density of product at storage temperature: lb/gal 5. lb/lbmol Molecular weight of product vapor at storage temp. \boxtimes Vertical Horizontal Tank Orientation: Type of Tank: Fixed Roof External Floating Roof Internal Floating Roof Variable Vapor Space Draccura Other

		1 1035u10	\Box	variable vapor space	C	L Other	٠ .		
D.	and/	e tank equipped with a or flare? s, describe below and in	•	2	☐ ⁄n.	Yes		No	
E.	Clos	est City: Jackson, MS		Meridian, MS		Tupelo, MS		☐ Mobile, A	A L
		New Orleans, LA		Memphis, TN	\boxtimes	Baton Rouge,	LA		
F.		n E&P or similar report eral Permit included for		and the same and t	1 5		Yes 🗆]	No
MS (Oil Pı	roduction General Per	mit N	IOI, Section OPGP-	E, v. 2	2019.1			

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E** Horizontal Fixed Roof Tank Shell Length: feet Shell Diameter: B. feet C. Working Volume: gal D. Maximum Throughput: gal/yr Is the tank heated? Yes No F. Is the tank underground? Yes No Shell Color/Shade: Aluminum/Specular Aluminum/Diffuse Gray/Light Gray/Medium Red/Primer Shell Condition: Good Poor **Vertical Fixed Roof Tank** Dimensions: A. Shell Height: 1. 20 feet 2. Shell Diameter: 12 feet Maximum Liquid Height: 3. feet Average Liquid Height: 4. feet 5. Working Volume: 16,800 gal 6. Turnovers per year: 16.54 7. Maximum throughput: 277,932 8. Is the tank heated? Yes No Shell Characteristics: Shell Color/Shade: 1. Aluminum/Specular White/White Aluminum/Diffuse Gray/Light \boxtimes Gray/Medium Red/Primer Shell Condition: \bowtie Good Poor 2. Roof Characteristics: Roof Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse \boxtimes Gray/Medium Gray/Light Red/Primer Roof Condition: Good 2. Poor \boxtimes 3. Cone Dome Type: 4. Height: 20

		MINOR SOURCE	
nk	Sun	nmary	Section OPGP-E
Int	erna	l Floating Roof Tank	
A.	Tank 1. 2. 3. 4. 5. 6. 7. 8.	Characteristics: Diameter:	☐ Unknown Gunite Lining Aluminum/Diffuse Red/Primer
	12.		num/Diffuse imer
B.	Rim 1.	Primary Seal:	☐ Vapor-mounted ☐ None
C.			
Ext	tern	al Floating Roof Tank	
A.	Tank 1. 2. 3. 4. 5.	Diameter: feet Tank Volume: gal Turnovers per year: gal/yr Internal Shell Condition:	ite Lining
	Int A. B. C.	A. Tank 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. B. Rim 1. 2. C. Deck 1. 2. Extern: A. Tank 1. 2. 4.	Internal Floating Roof Tank

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E** 6. External Floating Roof Tank (continued) Tank Characteristics (continued): Paint Color/Shade: Aluminum/Diffuse White/White Aluminum/Specular Red/Primer Gray/Light Gray/Medium □ Poor 7. Paint Condition: Good **Roof Characteristics** Pontoon Double Deck Roof Type: **Typical** Detail Roof Fitting Category: Tank Construction and Rim-Seal System: Riveted Tank Construction: Welded 2. Primary Seal: ☐ Mechanical Shoe Liquid-mounted Vapor-mounted 3. Secondary Seal Weather shield None Shoe-mounted Rim-mounted 7. Pollutant Emissions **Fixed Roof Emissions: Total Emissions** Working Loss (tons/yr) Breathing Loss (tons/yr) Pollutant¹ (tons/yr) 0.006 0.014 VOC 0.008 B. Floating Roof Emissions: **Total Emissions** Pollutant¹ Deck Fitting Deck Seam Landing Rim Seal Withdrawal Loss² (tons/yr) Loss Loss Loss Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance

2. Landing losses should be determined according to the procedures in Organic Liquid Storage Tanks chapter of EPA's AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".

with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air pollutants is provided in the OGP Application Instructions.

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary **Emission Point Description** Emission Point Designation (Ref. No.): AA-011 (S-505) / OIL TANK 5 Product(s) Crude oil RVP 5 Stored: Under Construction Status: Operating Proposed D. Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 **Tank Data** 2. Tank Specifications: 1. Design capacity 16,800 gallons 2. True vapor pressure at storage temperature: 3.84 psia @ 67.675 3. Maximum true vapor pressure (as defined in 4.95 psia @ 67.675 §60.111b) 4. Reid vapor pressure at storage temperature: psia @ 5. Density of product at storage temperature: lb/gal lb/lbmol Molecular weight of product vapor at storage temp. 50 \bowtie Vertical Horizontal Tank Orientation: Type of Tank: Fixed Roof External Floating Roof Internal Floating Roof Pressure Variable Vapor Space Other: Is the tank equipped with a Vapor Recovery System Yes No and/or flare? If yes, describe below and include the efficiency of each. Closest City: E. Tupelo, MS Jackson, MS Meridian, MS Mobile, AL Memphis, TN New Orleans, LA Baton Rouge, LA Is an E&P or similar report described in Condition 5.4(5) of the Yes \square No

General Permit included for this tank in the Notice of Intent?

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E Horizontal Fixed Roof Tank** Shell Length: feet Shell Diameter: feet C. Working Volume: gal Maximum Throughput: gal/yr Is the tank heated? Yes No Is the tank underground? Yes No Shell Color/Shade: Aluminum/Specular Aluminum/Diffuse Gray/Light Gray/Medium Red/Primer Shell Condition: Good Poor **Vertical Fixed Roof Tank** Dimensions: Shell Height: 1. 20 feet 2. Shell Diameter: 12 feet 3. Maximum Liquid Height: feet Average Liquid Height: 4. feet 5. Working Volume: 16,800 gal Turnovers per year: 16.54 6. 7. Maximum throughput: 277,932 Is the tank heated? 8. Yes No Shell Characteristics: Shell Color/Shade: 1. White/White Aluminum/Specular Aluminum/Diffuse \boxtimes Gray/Light Gray/Medium Red/Primer \boxtimes Good Poor Shell Condition: 2. **Roof Characteristics:** Roof Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse \boxtimes Gray/Light Gray/Medium Red/Primer Roof Condition: Good 2. Poor \boxtimes 3. Type: Cone Dome 4. Height: 20 feet

	Selene	MINOR SOURCE	
Ta	nk	Summary	Section OPGP-E
5.	Int	ernal Floating Roof Tank	
<u></u>	A.	Tank Characteristics: 1. Diameter:	☐ Unknown Gunite Lining Aluminum/Diffuse
		☐ Gray/Light ☐ Gray/Medium ☐ Red/P	inum/Diffuse
	B.	12. Roof Condition: ☐ Good ☐ Poor Rim Seal System: 1. Primary Seal: ☐ Mechanical Shoe ☐ Liquid-mounted	☐ Vapor-mounted
	C.	2. Secondary Seal: ☐ Shoe-mounted ☐ Rim-mounted Deck Characteristics:	☐ None
		1. Deck Type:	
6.	Ex	ternal Floating Roof Tank	
	A.	Tank Characteristics 1. Diameter:	nite Lining

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary **External Floating Roof Tank (continued)** Tank Characteristics (continued): Paint Color/Shade: Aluminum/Diffuse White/White Aluminum/Specular Gray/Light Gray/Medium Red/Primer Poor 7. Paint Condition: Good **Roof Characteristics** B. Double Deck Pontoon Roof Type: Typical 2. Roof Fitting Category: Detail Tank Construction and Rim-Seal System: ☐ Welded Riveted Tank Construction: Primary Seal: 2. ☐ Mechanical Shoe Vapor-mounted Liquid-mounted Secondary Seal 3. Rim-mounted ☐ None Shoe-mounted Weather shield **Pollutant Emissions** A. Fixed Roof Emissions: Breathing Loss (tons/yr) **Total Emissions** Pollutant1 Working Loss (tons/yr) (tons/yr) 0.008 0.006 0.014 VOC B. Floating Roof Emissions: **Total Emissions** Pollutant1 Withdrawal Deck Fitting Deck Seam Landing Rim Seal Loss² Loss Loss Loss (tons/yr) Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air pollutants is provided in the OGP Application Instructions.

AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 1. Emission Point Description Emission Point Designation (Ref. No.): AA-012 (S-506) / OIL TANK 6 Product(s) Crude oil RVP 5 B. Stored: Status: Operating Proposed **Under Construction** Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 2. **Tank Data** Tank Specifications: 1. Design capacity 16,800 gallons 2. True vapor pressure at storage temperature: 3.84 psia @ 67.675 Maximum true vapor pressure (as defined in °F 3. 4.95 psia @ 67.675 §60.111b) 4. Reid vapor pressure at storage temperature: ٥F psia @ 5. Density of product at storage temperature: lb/gal Molecular weight of product vapor at storage temp. lb/lbmol \boxtimes Vertical Horizontal Tank Orientation: Type of Tank: Fixed Roof External Floating Roof Internal Floating Roof Pressure Variable Vapor Space Other: Is the tank equipped with a Vapor Recovery System Yes No and/or flare? If yes, describe below and include the efficiency of each.

Mobile, AL

No

Tupelo, MS

Baton Rouge, LA

Yes \square

 \boxtimes

General Permit included for this tank in the Notice of Intent?

Is an E&P or similar report described in Condition 5.4(5) of the

Meridian, MS

Memphis, TN

Closest City:

Jackson, MS

New Orleans, LA

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary Horizontal Fixed Roof Tank feet Shell Length: Shell Diameter: feet B. Working Volume: gal C. Maximum Throughput: gal/yr Yes Is the tank heated? No F. Is the tank underground? Yes No Shell Color/Shade: Aluminum/Diffuse Aluminum/Specular Red/Primer Gray/Light Gray/Medium Poor Good Shell Condition: **Vertical Fixed Roof Tank** Dimensions: A. 20 feet 1. Shell Height: 12 feet 2. Shell Diameter: feet Maximum Liquid Height: 3. 4. Average Liquid Height: feet 16,800 gal Working Volume: 5. Turnovers per year: 16.54 6. 7. Maximum throughput: 277,932 \boxtimes Yes No 8. Is the tank heated? Shell Characteristics: Shell Color/Shade: 1. Aluminum/Diffuse White/White Aluminum/Specular Red/Primer \boxtimes Gray/Medium Gray/Light \boxtimes Poor 2. Shell Condition: Good **Roof Characteristics:** Roof Color/Shade: Aluminum/Diffuse White/White Aluminum/Specular Gray/Medium Red/Primer \boxtimes Gray/Light Poor **Roof Condition:** Good 2. \boxtimes Dome 3. Type: Cone 20 4. Height: feet

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E Tank Summary** 5. Internal Floating Roof Tank Tank Characteristics: 1. Diameter: 2. Tank Volume: Turnovers per year: 3. 4. Maximum Throughput: gal/yr 5. Number of Columns: Yes No Self-Supporting Roof? 6. Effective Column Diameter: 7. Unknown 8" Diameter Pipe 9"x7" Built-up Column Internal Shell Condition: 8. Dense Rust **Gunite Lining** ☐ Light Rust External Shell Color/Shade: 9. Aluminum/Diffuse White/White Aluminum/Specular Red/Primer Gray/Light Gray/Medium Good ☐ Poor External Shell Condition: Roof Color/Shade: ☐ Aluminum/Diffuse White/White Aluminum/Specular Gray/Medium Red/Primer Gray/Light Good Poor 12. **Roof Condition:** Rim Seal System: ☐ Liquid-mounted Vapor-mounted None Rim-mounted Shoe-mounted Secondary Seal: Deck Characteristics: Bolted Welded Deck Type: 1. ☐ Detail **Typical** Deck Fitting Category: **External Floating Roof Tank** Tank Characteristics Diameter: 1. 2. Tank Volume: gal 3. Turnovers per year: gal/yr 4. Maximum Throughput: 5. Internal Shell Condition: Gunite Lining ☐ Light Rust Dense Rust

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Tank Summary Section OPGP-E External Floating Roof Tank (continued)** Tank Characteristics (continued): Paint Color/Shade: 6. White/White Aluminum/Diffuse Aluminum/Specular Gray/Light Gray/Medium Red/Primer 7. Paint Condition: Good Poor **Roof Characteristics** Roof Type: Pontoon Double Deck 2. Roof Fitting Category: ☐ Typical Detail Tank Construction and Rim-Seal System: Tank Construction: Welded Riveted 2. Primary Seal: Mechanical Shoe Liquid-mounted Vapor-mounted 3. Secondary Seal None Shoe-mounted Rim-mounted Weather shield 7. Pollutant Emissions Fixed Roof Emissions: Working Loss (tons/yr) Pollutant1 Breathing Loss (tons/yr) **Total Emissions** (tons/yr) VOC 0.008 0.006 0.014 B. Floating Roof Emissions: Pollutant1 **Total Emissions** Rim Seal Withdrawal Deck Fitting Deck Seam Landing Loss² Loss Loss Loss Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr)

2. Landing losses should be determined according to the procedures in *Organic Liquid Storage Tanks* chapter of EPA's AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".

^{1.} All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air pollutants is provided in the OGP Application Instructions.

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 1. Emission Point Description AA-015 (S-509) / PRODUCED WATER TANK 1 Emission Point Designation (Ref. No.): A. Product(s) Produced water B. Stored: **Under Construction** Status: Operating Proposed Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 2. Tank Data Tank Specifications: A. 16,800 1. Design capacity gallons 2. True vapor pressure at storage temperature: 3.84 psia @ 4.95 psia @ Maximum true vapor pressure (as defined in 3. §60.111b) 4. Reid vapor pressure at storage temperature: psia @ lb/gal 5. Density of product at storage temperature: lb/lbmol Molecular weight of product vapor at storage temp. 50 Horizontal Vertical Tank Orientation: Type of Tank: External Floating Roof Internal Floating Roof Fixed Roof Variable Vapor Space Other: Pressure Yes No Is the tank equipped with a Vapor Recovery System and/or flare? If yes, describe below and include the efficiency of each. Closest City: Mobile, AL Meridian, MS Tupelo, MS Jackson, MS Memphis, TN \boxtimes Baton Rouge, LA New Orleans, LA Yes No Is an E&P or similar report described in Condition 5.4(5) of the General Permit included for this tank in the Notice of Intent?

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 3. Horizontal Fixed Roof Tank Shell Length: feet Shell Diameter: feet B. gal C. Working Volume: gal/yr Maximum Throughput: Yes Is the tank heated? No Is the tank underground? Yes No F. Shell Color/Shade: Aluminum/Diffuse Aluminum/Specular Red/Primer Gray/Light Gray/Medium Good Poor Shell Condition: Vertical Fixed Roof Tank 4. Dimensions: Shell Height: 20 feet 1. 12 feet 2. Shell Diameter: feet 3. Maximum Liquid Height: Average Liquid Height: feet 4. 16,800 Working Volume: 5. gal 197.90 6. Turnovers per year: Maximum throughput: 3,324,755 7. Is the tank heated? Yes No 8. Shell Characteristics: Shell Color/Shade: 1. Aluminum/Specular Aluminum/Diffuse White/White Red/Primer Gray/Light X Gray/Medium Shell Condition: \bowtie Good Poor 2. **Roof Characteristics:** Roof Color/Shade: Aluminum/Diffuse Aluminum/Specular White/White \boxtimes Red/Primer Gray/Medium Gray/Light **Roof Condition:** Good Poor 2. Cone Dome 3. Type: 20 Height: feet

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

		MINOR SOURCE	
Ta	nk	Summary	Section OPGP-E
5.	Park from Local	ternal Floating Roof Tank	
5.	A.	Tank Characteristics: 1. Diameter: 2. Tank Volume: 3. Turnovers per year: 4. Maximum Throughput: 5. Number of Columns: 6. Self-Supporting Roof? 7. Effective Column Diameter:	☐ Unknown Gunite Lining Aluminum/Diffuse Red/Primer um/Diffuse mer
		12. Roof Condition: Good Poor	
	B.	Rim Seal System: 1. Primary Seal: Mechanical Shoe Liquid-mounted 2. Secondary Seal: Shoe-mounted Rim-mounted	☐ Vapor-mounted ☐ None
	C.	 Secondary Seal: ☐ Shoe-mounted ☐ Rim-mounted Deck Characteristics: Deck Type: ☐ Bolted ☐ Welded Deck Fitting Category: ☐ Typical ☐ Detail 	□ None
6.	Ex	ternal Floating Roof Tank	
	Α.	Tank Characteristics 1. Diameter:	te Lining

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 6. External Floating Roof Tank (continued) Tank Characteristics (continued): Paint Color/Shade: Aluminum/Diffuse Aluminum/Specular White/White Red/Primer Gray/Medium Gray/Light Poor Good 7. Paint Condition: **Roof Characteristics** B. Double Deck Pontoon Roof Type: 1. Detail Typical 2. Roof Fitting Category: Tank Construction and Rim-Seal System: Riveted Welded Tank Construction: Primary Seal: 2. ☐ Mechanical Shoe Liquid-mounted Vapor-mounted Secondary Seal 3. Weather shield None Shoe-mounted Rim-mounted 7. Pollutant Emissions Fixed Roof Emissions: Working Loss (tons/yr) **Total Emissions** Breathing Loss (tons/yr) Pollutant¹ (tons/yr) 0.003 0.018 0.015 VOC B. Floating Roof Emissions: Landing **Total Emissions** Deck Fitting Deck Seam Pollutant1 Rim Seal Withdrawal Loss² (tons/yr) Loss Loss Loss Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air

MDEO NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary **Emission Point Description** AA-016 (S-510) / PRODUCED WATER TANK 2 Emission Point Designation (Ref. No.): A. Product(s) Produced water B. Stored: Proposed **Under Construction** C. Status: Operating Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: 2013 2. Tank Data Tank Specifications: A. 16,800 gallons 1. Design capacity 2. True vapor pressure at storage temperature: 3.84 psia @ Maximum true vapor pressure (as defined in psia @ 4.95 3. §60.111b) 4. Reid vapor pressure at storage temperature: psia @ Density of product at storage temperature: lb/gal 5. lb/lbmol Molecular weight of product vapor at storage temp. 50 Horizontal Vertical Tank Orientation: Type of Tank: External Floating Roof Internal Floating Roof Fixed Roof Variable Vapor Space Other: Pressure Yes No Is the tank equipped with a Vapor Recovery System and/or flare? If yes, describe below and include the efficiency of each. Closest City: Mobile, AL Meridian, MS Tupelo, MS Jackson, MS Memphis, TN XBaton Rouge, LA New Orleans, LA Yes No Is an E&P or similar report described in Condition 5.4(5) of the General Permit included for this tank in the Notice of Intent?

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E Tank Summary** Horizontal Fixed Roof Tank Shell Length: feet Shell Diameter: B. feet gal C. Working Volume: Maximum Throughput: gal/yr Is the tank heated? Yes No F. Is the tank underground? Yes No Shell Color/Shade: Aluminum/Diffuse Aluminum/Specular Gray/Medium Red/Primer Gray/Light Good H. Shell Condition: Poor **Vertical Fixed Roof Tank** Dimensions: Shell Height: 20 feet 1. 2. Shell Diameter: 12 feet Maximum Liquid Height: feet 3. 4. Average Liquid Height: feet Working Volume: 16,800 5. gal Turnovers per year: 197.90 6. 7. Maximum throughput: 3,324,755 Yes 8. Is the tank heated? No Shell Characteristics: Shell Color/Shade: 1. Aluminum/Specular White/White Aluminum/Diffuse \boxtimes Red/Primer Gray/Light Gray/Medium Good Poor 2. Shell Condition: Roof Characteristics: Roof Color/Shade: White/White Aluminum/Specular Aluminum/Diffuse \boxtimes Gray/Medium Red/Primer Gray/Light Good Poor 2. Roof Condition: \boxtimes Dome 3. Type: Cone 4. Height: 20 feet

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E** Tank Summary 5. Internal Floating Roof Tank Tank Characteristics: 1. Diameter: feet 2. Tank Volume: 3. Turnovers per year: gal/yr 4. Maximum Throughput: 5. Number of Columns: Yes No Self-Supporting Roof? 6. Effective Column Diameter: 7. Unknown 8" Diameter Pipe 9"x7" Built-up Column Internal Shell Condition: 8. Dense Rust **Gunite Lining** ☐ Light Rust 9. External Shell Color/Shade: Aluminum/Diffuse Aluminum/Specular White/White Red/Primer Gray/Light Gray/Medium Good Poor 10. External Shell Condition: Roof Color/Shade: White/White Aluminum/Diffuse Aluminum/Specular Red/Primer Gray/Medium Gray/Light ☐ Poor Good **Roof Condition:** Rim Seal System: Liquid-mounted Vapor-mounted None Rim-mounted 2. Secondary Seal: Shoe-mounted Deck Characteristics: Bolted Welded Deck Type: ☐ Detail Deck Fitting Category: Typical

6. External Floating Roof Tank

☐ Light Rust

A.

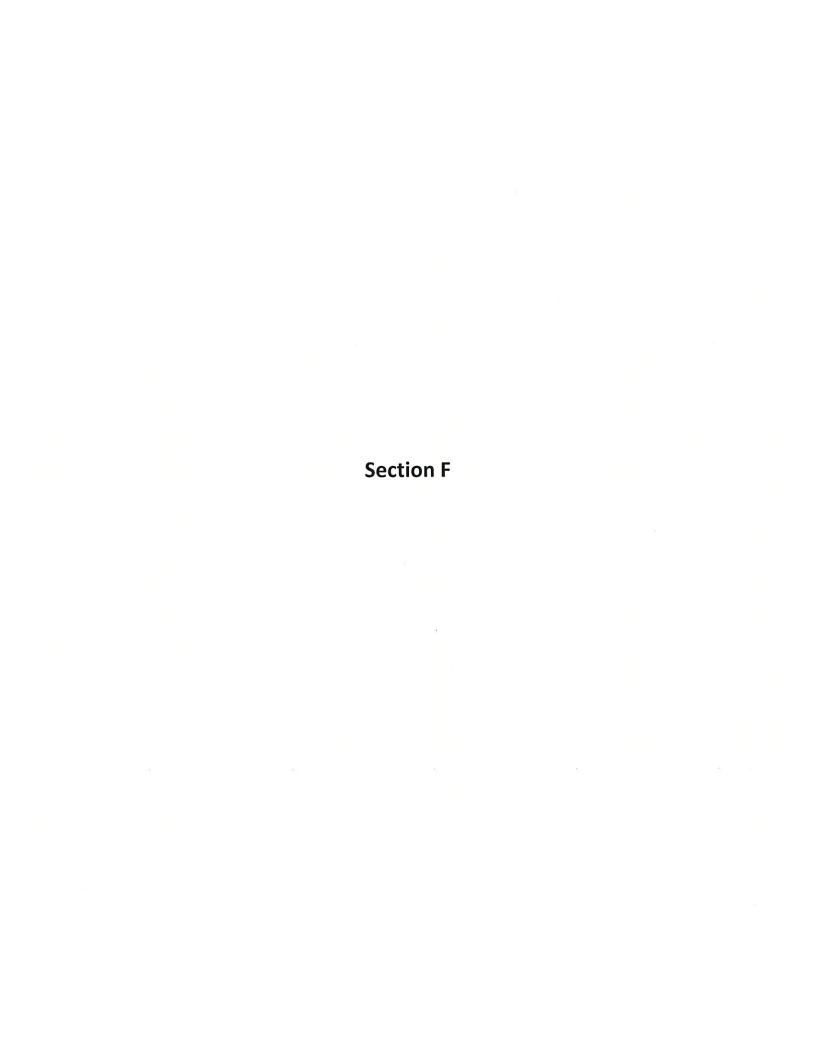
Tar	ik Characteristics	
1.	Diameter:	feet
2.	Tank Volume:	gal
3.	Turnovers per year:	
4.	Maximum Throughput:	gal/yr
5.	Internal Shell Condition:	

Dense Rust

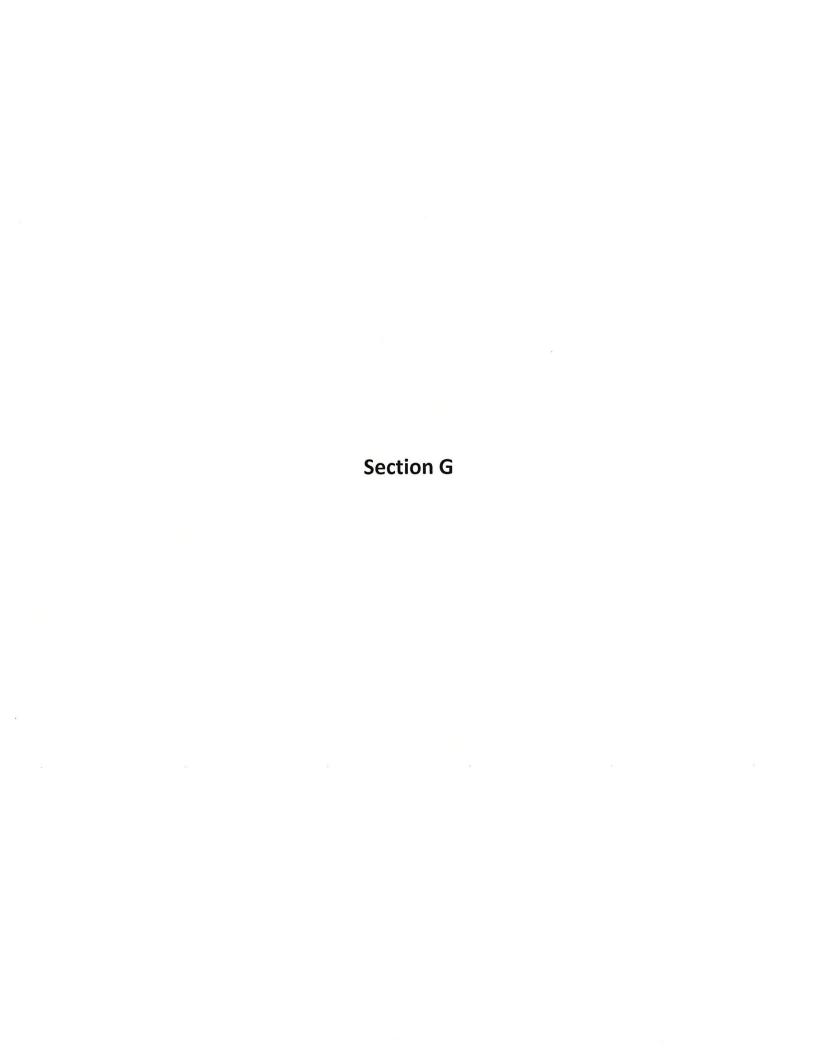
Gunite Lining

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-E Tank Summary External Floating Roof Tank (continued)** Tank Characteristics (continued): Paint Color/Shade: Aluminum/Diffuse White/White ☐ Aluminum/Specular Gray/Medium Red/Primer Gray/Light Paint Condition: Good Poor 7. **Roof Characteristics** В. Double Deck Pontoon Roof Type: 2. Roof Fitting Category: **Typical** Detail Tank Construction and Rim-Seal System: Riveted Welded Tank Construction: Primary Seal: 2. Liquid-mounted Vapor-mounted ☐ Mechanical Shoe Secondary Seal 3. Weather shield ☐ None Shoe-mounted Rim-mounted **Pollutant Emissions** Fixed Roof Emissions: Breathing Loss (tons/yr) **Total Emissions** Working Loss (tons/yr) Pollutant¹ (tons/yr) 0.018 0.015 0.003 VOC B. Floating Roof Emissions: **Total Emissions** Pollutant¹ Rim Seal Withdrawal Deck Fitting Deck Seam Landing Loss² (tons/yr) Loss Loss Loss Loss (tons/yr) (tons/yr) (tons/yr) (tons/yr) (tons/yr) 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA's list of hazardous air pollutants is provided in the OGP Application Instructions. 2. Landing losses should be determined according to the procedures in Organic Liquid Storage Tanks chapter of EPA's

AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".



MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE **Section OPGP-F** Flare **Equipment Description** 1. Emission Point Designation (Ref. No.): AA-003 (FL-701) Equipment Description (include the process(es) that the flare controls emissions В. from): Emissions from the two heater treaters, six oil tanks, and crude oil loading is routed to the flare. D. Model: C. Manufacturer: **Under Construction** Operating Proposed E. Status: Requesting a federally enforceable condition to route tank emissions to the flare. F. 2. System Data Controlling the following pollutant(s): VOCs, % Efficiency: A. Controlling the following pollutant(s): HAPs 98 % Efficiency: Reason for different efficiency: $C1-C3 \rightarrow 99\%$ $C4+ \rightarrow 98\%$ В. Flare Data (if applicable): Steam-assisted Air-assisted Non-assisted 1. Flare type: Net heating value of combusted gas: 4,487 Btu/scf 2. Design exit velocity: _____ ft/sec 3. 4. System: Is the presence of a flare pilot flame monitored? Yes 5. If yes, please describe the monitoring: Yes Is the auto-ignitor system monitored? If yes, please describe the monitoring:



Section OPGP-G MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE Compliance Plan

List all equipment and the corresponding federal and/or state regulation that is applicable. Clearly identify federal regulations from state requirements. Provide the expected or actual construction date, startup date and removal date if the equipment is no longer on site.

Equipment List

Part 1.

EMISSION UNIT (Ref No.)	FEDERAL or STATE REGULATION	CONSTRUCTIO N DATE	STARTUP DATE	REMOVAL DATE
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	10/01/2014	10/01/2014	N/A
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	10/01/2014	10/01/2014	N/A
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).	10/01/2014	10/01/2014	N/A
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	10/01/2014	10/01/2014	N/A
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	10/01/2014	10/01/2014	N/A
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	10/01/2014	10/01/2014	N/A
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	10/01/2014	10/01/2014	N/A
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	10/01/2014	10/01/2014	N/A
AA-003	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	10/01/2014	10/01/2014	N/A
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	10/01/2014	10/01/2014	N/A

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

Compliance Plan

Section OPGP-G

Part 2. Applicable Requirements

List all applicable state and federal requirements, including emission limits, operating restrictions, etc., and the applicable test methods or monitoring used to demonstrate compliance with each applicable requirement. Clearly identify federal regulations from state requirements. Provide the compliance status as of the day the application is signed.

EMISSION UNIT (Ref No.)	APPLICABLE REQUIREMENT (Specific Regulatory citation)	POLLUTANT	LIMITS/ REQUIREMENTS
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	Smoke	Opacity shall not exceed 40%
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	Smoke	Opacity shall not exceed 40%
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).	H_2S	Shall not exceed one grain per 100 scf.
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	VOCs	Shall not exceed 95.0 tpy.
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	HAPs	Individual HAPs shall not exceed 9.0 tpy. Total HAPs shall not exceed 24.0 tpy.
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	Fuel Requirements	Shall combust only natural gas.
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
AA-003	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	SO_2	Emissions shall not exceed 4.8 lbs/MMBtu
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	SO_2	Emissions shall not exceed 4.8 lbs/MMBtu
ÅA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	Control Efficiency	Demonstrate a control efficiency of 98% by operating according to 40 CFR Part 60.18

¹ Compliance will be maintained as required by the General – Permit Condition 5.1 through 5.7.

MS Oil Production General Permit NOI, Section OPGP-G, v. 2019.1

MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

Compliance Plan

Section OPGP-G

Part 2. Applicable Requirements

demonstrate compliance with each applicable requirement. Clearly identify federal regulations from state requirements. Provide the compliance status as of the List all applicable state and federal requirements, including emission limits, operating restrictions, etc., and the applicable test methods or monitoring used to day the application is signed.

Facility-Wide 11 Miss. Admin. Code Pt. 2, R. 1.3.A. Smoke Opacity shall sailty-Wide Facility-Wide 11 Miss. Admin. Code Pt. 2, R. 1.4.B(2). H ₂ S Shall not example shall not example. Facility-Wide 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). VOCs Shall not example shall not example. Facility-Wide 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). Requirements shall not example. Shall not example. AA-001 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) Emissions shall combute. AA-002 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) Emissions shall some shall. AA-003 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) Emissions shall. AA-001 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ Emissions shall. AA-002 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ Emissions shall.	CSpecific Regulatory citation)	LIMITS/ REQUIREMENTS
11 Miss. Admin. Code Pt. 2, R. 1.3.B. Smoke 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). VOCs 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). HAPs 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). Fuel PM 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2	Smoke	Opacity shall not exceed 40%
11 Miss. Admin. Code Pt. 2, R. 1.4.B(2). H ₂ S 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). HAPs 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). Fuel Requirements 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂	Smoke	Opacity shall not exceed 40%
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11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). HAPs 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). Fuel Requirements 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂	NOCs	Shall not exceed 95.0 tpy.
11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). Fuel Requirements 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2	HAPs	Individual HAPs shall not exceed 9.0 tpy. Total HAPs shall not exceed 24.0 tpy.
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2	Fuel Requirements	Shall combust only natural gas.
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO2	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a). (Filterable Only) 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂ 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1). SO ₂	PM (Filterable Only)	Emissions shall not exceed 0.6 lbs/MMBtu
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	SO_2	Emissions shall not exceed 4.8 lbs/MMBtu
	SO_2	Emissions shall not exceed 4.8 lbs/MMBtu
AA-003 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). Control Efficiency according to	Control Efficiency	Demonstrate a control efficiency of 98% by operating according to 40 CFR Part 60.18

Compliance will be maintained as required by the General – Permit Condition 5.1 through 5.7.

MS Oil Production General Permit NOI, Section OPGP-G, v. 2019.1

APPENDIX B – CERTIFICATE OF GOOD STANDING



This is not an official certificate of good standing.

Name History

Name

Name Type

Australis TMS Inc.

Legal

Business Information

Business Type:

Profit Corporation

Business ID:

1092920

Status:

Good Standing

Effective Date:

05/17/2016

State of Incorporation:

DE

Principal Office Address:

3 Allen Center 333 Clay Street, Suite 3680

Houston, TX 77002

Registered Agent

Name

William F Blair

1368 Old Fannin Road, Ste. 300

Brandon, MS 39047

Officers & Directors

Name

Title

Ian Lusted

3 Allen Center, 333 Clay Street,

Suite 3680

Houston, TX 77002

Director, President, Chief Executive Officer

Julie Foster

3 Allen Center, 333 Clay Street,

Suite 3680

Houston, TX 77002

Vice President

Malcolm Bult

3 Allen Center, 333 Clay Street,

Suite 3680

Houston, TX 77002

Vice President

Darren Wasylucha

3 Allen Center, 333 Clay Street,

Suite 3680

Houston, TX 77002

Director, Vice President

David M Greene 2651 KIPLING ST, APT 2901 Houston, TX 77002

Director, Vice President

CAROL COOLEY 2039 SWIFT BLVD HOUSTON, TX 77030

Vice President

Graham Dowland 3 Allen Center, 333 Clay Street, Suite 3680 Houston, TX 77002

Director, Secretary, Chief Financial Officer

MSOPGP NOI APPLICATION

Australis TMS Inc., Centreville, Amite County
Mississippi



Australis TMS Inc. 333 Clay Street, Suite 3680 Houston, Texas 77002-4107

Prepared By:

Maya Rao, P.E. – Trinity Consultants, Inc. Nicholas Gonsoulin – Trinity Consultants, Inc.

TRINITY CONSULTANTS

574 Highland Colony Pkwy, Suite 320 R Ridgeland, MS 601-672-4020

June 2023

Project 231902.0053





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BACKGROUND

Australis TMS Inc., ASH 13H-1 and 13H-2 Production Facility (Australis) is located off Ash Road, Centerville, Amite County, Mississippi (Phone: 346-229-2525). The Facility has applied to the Mississippi Department of Environmental Quality (MDEQ) for coverage under MDEQ's "Mississippi Oil Production General Permit (OPGP) for their existing facility. The facility is currently operating under the Synthetic Minor Operating Permit (SMOP), SMOP Permit No. 0080-00049. Since MDEQ now has a General Permit, MDEQ has advised that Australis apply for coverage under the new OPGP. This Package has the following documents:

- 1. Application form Sections A, B, C, E, F & G.
- 2. Certificate of Good Standing
- 3. Copy of Public Notice (Public Notice Start Date is June 13, 2023) Published in the Enterprise Journal McComb MS
- 4. Copy of the letter to the Library Pike-Amite-Walthall Library System

The proof of publication and the library receipt letter will be provided later to MDEQ.

PROPOSED CORRECTIONS

Australis is making corrections to the existing SMOP Permit. The changes are as follows:

- 1. The Produced Water tank capacity was listed as 12,600 gallons. However, that capacity should be changed to 16,800 gallons. (Emission Points AA-015 & AA-016). The correct capacity is reflected in this application.
- 2. The heat input rating of the Vertical Heater Treater, Emission Point AA-002 is listed as 0.75 MMBTUH. The rating should be 0.50 MMBTUH. The correct heat input rating is reflected in this application.

PROCESS DESCRIPTION

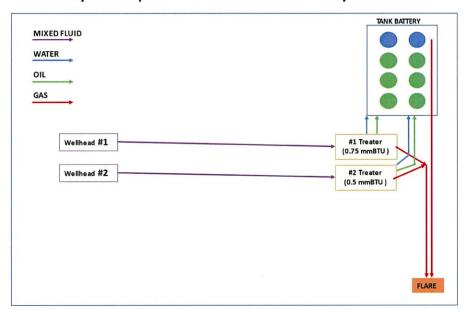
Australis has two production wells ASH 13H-1 & 13H-2. Operations within the field include crude oil / natural gas production, gas treatment, fluid separation, and produced liquid storage operations. The production well facility is unmanned, where initial fluid separation and storage of produced liquids occurs. There are two heater treaters and the emissions from these units are vented to the flare. The facility operates continuously, 365 days per year with periodic monitoring by trained operation operators. There are six storage tanks at the site that can store the crude oil. The produced water is stored in two (2) storage tanks until sufficient quantities have accumulated. Periodically, the produced water is loaded into a tank truck and sent to a produced water disposal facility.

Table 1. Emission Point Description

Emission Point	Facility Reference	Description
AA-001	V-103	0.75 MMBtu/hr Horizontal Emulsion Heater Treater Combustion emission released to the atmosphere. Gas produced is routed to the Control Flare (AA-003)
AA-002	V-203	0.50 MMBtu/hr Vertical Emulsion Heater Treater Combustion emission released to the atmosphere. Gas produced is routed to the Control Flare (AA-003
AA-003	FL-701	Control Flare
AA-007	S-501	Oil Tank 1 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-008	S-502	Oil Tank 2 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-009	S-503	Oil Tank 3 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-010	S-504	Oil Tank 4 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-011	S-505	Oil Tank 5 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-012	S-506	Oil Tank 6 16,800 gallons Emissions to be routed to Control Flare (AA-003)
AA-015	S-509	Produced Water Tank 1 16,800 gallons Vented to the atmosphere
AA-016	S-510	Produced Water Tank 2 16,800 gallons Vented to the atmosphere
AA-017	OilLL	Crude Oil Loading Emissions to be routed to Control Flare (AA-003)
AA-018	PWLL	Produced Water Loading Vented to the atmosphere
AA-020	FUG	Fugitive Emissions

Figure 1. Process Diagram

Facility Flowpath for Ash 13 Facility



APPENDIX A – MDEQ FORMS

Section A