

UNITED STATES GOVERNMENT
MEMORANDUM

December 29, 2025

To: Public Information

From: Plan Coordinator, FO, Plans section (MS 5231)

Subject: Public information copy of plan

Control # S08207

Type - Supplemental Development Operations Coordinations Document

Lease(s) - OCS-00063 Block - 93 Ship Shoal Area

Operator - Talos Petroleum LLC

Description - Provide updated information for Future operations involving
production, potential well workovers and abandonment on Lease
OCS-00063, Ship Shoal Block 93. Structure CID# & Name - 23108-M,
Well Name - M002 API# 177114106700

Rig Type - Not Found

Attached is a copy of the subject plan.

It has been deemed submitted and is under review for approval.

Henry Emembolu
Plan Coordinator



SS 93
Well(s): M002
Structure(s): M
00063

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

November 19, 2025

Bureau of Ocean Energy Management
New Orleans Regional Office
ATTN: Plans Section, GM 235D
1201 Elmwood Park Boulevard
New Orleans, LA 70123

To Whom It May Concern:

Upon approval of a Major Repair for Ship Shoal Block 93, Caisson M, Talos Petroleum LLC (Talos) received a Condition of Approval that a Supplemental Plan is required for compliance with 30 CFR 550.281(b) and 30 CFR 550.283(a)(4). To meet this requirement, Talos hereby submits this Supplemental DOCD to provide updated information for Lease OCS-00063, Ship Shoal Block 93. One well bottom hole location (M002) is located in Ship Shoal Block 93. Future operations include production, potential well workovers and abandonment operations. This caisson protects the single well on location and does not house any processing equipment.

Talos has reviewed NTLs 2008-G04, BOEM 2015-N01 and other relevant NTLs and FAQs for the activities proposed herein and included in this submittal all pertinent proprietary and public information and documentation in regards to those activities.

All questions and/or correspondence regarding this plan should be submitted to Meredith Bunkers, Regulatory Technician, at (713) 904-9092 or meredith.bunkers@talosenergy.com.

Respectfully,

Meredith Bunkers
Talos Petroleum



SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

PUBLIC INFORMATION

Lease Number: 00063

Area/Block: SS 93

Well(s): M002

Structure(s): M

Offshore: Louisiana

**Submitted By: Talos Petroleum (01834)
333 Clay St., Suite 3300
Houston, Tx 77002**

Estimated Start-up Date: Monday, January 1, 0001

SS 93
Well(s): M002
Structure(s): M
00063

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

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**APPENDIX A
PLAN CONTENTS**

A) PLAN INFORMATION

Talos Petroleum LLC (Talos) received a Condition of Approval that a Supplemental Plan is required for compliance with 30 CFR 550.281(b) and 30 CFR 550.283. To meet this requirement, Talos hereby submits this Supplemental DOCD to provide updated information for Lease OCS-G 00063, Ship Shoal Block 93. Future operations include production, potential well workovers and abandonment. There are no drilling activities proposed under this plan.

Included in the attachments for this appendix is the OCS Plan Information Form-137, providing information on the activities, current and future, to be conducted.

All previous activities proposed and approved in Exploration and/or Development Plans for this lease have been conducted.

OCS PLAN INFORMATION FORM

General Information											
Type of OCS Plan:	Exploration Plan (EP)		Development Operations Coordination Document (DOCD)				Supplemental DOCD				
Company Name: Talos Petroleum			BOEM Operator Number: 01834								
Address: 333 Clay St			Contact Person: Meredith Bunkers								
Houston, Tx 77002			Phone Number: 713-904-9092								
			E-Mail Address: meredith.bunkers@talosenergy.com								
If a service fee is required under 30 CFR 550.125(a), provide the				Amount paid		N/A		Receipt No.		N/A	
Project and Worst Case Discharge (WCD) Information											
Lease(s): 00063		Area: SS		Block(s): 93		Project Name (If Applicable):					
Objective(s)		☒ Oil		☐ Gas		☐ Sulphur		☐ Salt		Onshore Support Base(s): Fourchon, LA	
Platform/Well Name: M		Total Volume of WCD: 500				API Gravity: 31.4					
Distance to Closest Land (Miles): 10		Volume from uncontrolled blowout: 500									
Have you previously provided information to verify the calculations and assumptions for your WCD?								Yes		☒ No	
If so, provide the Control Number of the EP or DOCD with which this information was provided											
Do you propose to use new or unusual technology to conduct your activities?								Yes		☒ No	
Do you propose to use a vessel with anchors to install or modify a structure?								Yes		☒ No	
Do you propose any facility that will serve as a host facility for deepwater subsea development?								Yes		☒ No	
Description of Proposed Activities and Tentative Schedule (Mark all that apply)											
Proposed Activity				Start Date		End Date		No. of Days			
Exploration drilling											
Development drilling											
Well completion											
Well test flaring (for more than 48 hours)											
Installation or modification of structure				12/3/2025		12/13/2025		10			
Installation of production facilities											
Installation of subsea wellheads and/or manifolds											
Installation of lease term pipelines											
Commence production											
Other (Specify and attach description)											
Description of Drilling Rig						Description of Structure					
☐ Jackup		☐ Drillship		☒		☐ Caisson		☐ Tension leg platform			
☐ Gorilla Jackup		☐ Platform rig		☐		☐ Fixed platform		☐ Compliant tower			
☐ Semisubmersible		☐ Submersible		☐		☐ Spar		☐ Guyed tower			
☐ DP Semisubmersible		☐ Other (Attach Description)		☐		☐ Floating production system		☐ Other (Attach Description)			
Drilling Rig Name (If Known):											
Description of Lease Term Pipelines											
From (Facility/Area/Block)		To (Facility/Area/Block)		Diameter (Inches)		Length (Feet)					

OCS PLAN INFORMATION FORM (CONTINUED)
Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location									
Well or Structure Name/Number (If renaming well or structure, reference previous name): M				Previously reviewed under an approved EP or DOCD?		X	Yes		No
Is this an existing well or structure?		Yes	X	No	If this is an existing well or structure, list the Complex ID or API No.		23108		
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?							Yes	X	No
WCD info	For wells, volume of uncontrolled blowout (Bbls/day):			For structures, volume of all storage and pipelines (Bbls): 500			API Gravity of fluid 31.4		
	Surface Location			Bottom-Hole Location (For Wells)			Completion (For multiple completions, enter separate lines)		
Lease No.	OCS 00063			OCS			OCS OCS		
Area Name	SS								
Block No.	93								
Blockline Departures (in feet)	N/S Departure: F <u>N</u> L 3526			N/S Departure: F ____ L			N/S Departure: F ____ L N/S Departure: F ____ L N/S Departure: F ____ L		
	E/W Departure: F <u>W</u> L 6434			E/W Departure: F ____ L			E/W Departure: F ____ L E/W Departure: F ____ L E/W Departure: F ____ L		
Lambert X-Y coordinates	X: 2162434			X:			X: X: X:		
	Y: 82181.37			Y:			Y: Y: Y:		
Latitude/ Longitude	Latitude 28.89166			Latitude			Latitude Latitude Latitude		
	Longitude -90.825813			Longitude			Longitude Longitude Longitude		
Water Depth (Feet): 24				MD (Feet):		TVD (Feet):		MD (Feet): MD (Feet): MD (Feet):	
Anchor Radius (if applicable) in feet:								TVD (Feet): TVD (Feet): TVD (Feet):	
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)									
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor				
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					

OCS PLAN INFORMATION FORM (CONTINUED)
Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location									
Well or Structure Name/Number (If renaming well or structure, reference previous name):				Previously reviewed under an approved EP or DOCD?		Yes		No	
Is this an existing well or structure?		Yes		No		If this is an existing well or structure, list the Complex ID or API No.			
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						Yes		No	
WCD info	For wells, volume of uncontrolled blowout (Bbls/day):			For structures, volume of all storage and pipelines (Bbls):			API Gravity of fluid		
	Surface Location			Bottom-Hole Location (For Wells)			Completion (For multiple completions, enter separate lines)		
Lease No.	OCS			OCS			OCS OCS		
Area Name									
Block No.									
Blockline Departures (in feet)	N/S Departure: F ____ L			N/S Departure: F ____ L			N/S Departure: F ____ L N/S Departure: F ____ L N/S Departure: F ____ L		
	E/W Departure: F ____ L			E/W Departure: F ____ L			E/W Departure: F ____ L E/W Departure: F ____ L E/W Departure: F ____ L		
Lambert X-Y coordinates	X:			X:			X: X: X:		
	Y:			Y:			Y: Y: Y:		
Latitude/ Longitude	Latitude			Latitude			Latitude Latitude Latitude		
	Longitude			Longitude			Longitude Longitude Longitude		
Water Depth (Feet):				MD (Feet):		TVD (Feet):		MD (Feet): MD (Feet):	
Anchor Radius (if applicable) in feet:								TVD (Feet): TVD (Feet):	
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)									
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate			Length of Anchor Chain on Seafloor		
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					

**APPENDIX B
GENERAL INFORMATION**

A) BONDING STATEMENT

The bond requirements for the activities and facilities proposed herein are satisfied by an area-wide bond, furnished and maintained according to 30 CFR Part 556, Subpart I; NTL BOEM 2015-N04 "General Financial Assurance;". Talos Petroleum LLC will provide additional security under 30 CFR 556.901(d) and National NTL BOEM 2016-N01 "Requiring Additional Security" upon receipt of a request from BOEM.

B) OIL SPILL FINANCIAL RESPONSIBILITY

Talos Petroleum, BOEM company number 01834, has demonstrated oil spill financial responsibility for the facilities proposed in this EP according to 30 CFR Part 553; and NTL No. 2008-N05, "Guidelines for Oil Spill Financial Responsibility for Covered Facilities".

APPENDIX C
OIL SPILLS INFORMATION

A) OIL SPILL RESPONSE PLANNING

Pursuant to CFR 250.219 and NTL BOEM 2015-N01, this appendix provides information regarding any potential oil spill(s), the assumptions and calculations used to determine the worst case discharge (WCD) measures scenario. Below is a reference to and status of Talos Third Coast LLC's Regional OSRP. A site specific OSRP nor a subregional OSRP is not required with this plan, as the State of Florida is not an affected State for the activities proposed herein.

1) REGIONAL OR SUBREGIONAL OSRP INFORMATION

All of the proposed activities and facilities in this Plan will be covered by the Regional Oil Spill Response Plan filed by Talos Production LLC (BOEM Company No. 03283) in accordance with 30 CFR 254 and approved on August 1, 2024, OSRP Control No. O-647. By letter dated December 18, 2024, the latest OSRP nonregulatory revision was found to be in compliance.

Talos ERT LLC (02899)
Talos Petroleum LLC (01834)
Talos Energy Offshore LLC (03247)
Talos Oil and Gas LLC (03269)
Talos Third Coast LLC (03619)
Talos Gulf Coast Onshore, LLC (22691)
Talos Gulf Coast Offshore LLC (03201)

2) SPILL RESPONSE SITES

The table below provides information on the location of the primary spill response equipment and the location of the planned staging area(s) that would be used should an oil spill occur resulting from the activities proposed herein.

Primary Response Equipment Location	Pre-planned Staging Location
Houma, LA; Harvey, LA; Leeville, LA	Houma, LA; Harvey, LA; Leeville, LA; Fourchon, LA

3) OIL SPILL REMOVAL ORGANIZATION (OSRO) INFORMATION

Talos Petroleum LLC's primary equipment providers are Clean Gulf Associates (CGA) and Marine Spill Response Corporation (MSRC). Clean Gulf Associates Services, LLC (CGAS) will provide closest available personnel, as well as a CGAS supervisor to operate the equipment. MSRC personnel are responsible for operating MSRC response equipment. The major locations of this equipment are Lake Charles, Houma, Port Fourchon/Leeville, Fort Jackson and Venice, Louisiana; Galveston and Ingleside, Texas; and Pascagoula, Mississippi.

4) WORST CASE SCENARIO COMPARISON

The table below provides a comparison of the worst-case discharge scenario from the above referenced Regional OSRP with the worst-case scenario from the activities proposed herein. Please note the Regional OSRP distance to shore scenarios are approximate and will be updated as required with modifications to the OSRP. The distance to shore for the proposed activities is accurate and based on survey data.

Worst Case Discharge Comparison Chart				
Category	DRILLING		PRODUCTION	
	REGIONAL OSRP WCD	DOCD WCD CURRENT PLAN	REGIONAL OSRP WCD	DOCD WCD CURRENT PLAN
Type of Activity	EXPLORATORY WELL	DOCD WCD	Production > 10 miles from shore	DOCD WCD
Facility Location (Area/Block)			GC 200	SS 93
Facility Designation			TA009	M
Distance to Shore (miles)			88	10
Volume				
Storage				
Flowlines (on facility)				

Worst Case Discharge Comparison Chart				
Category	DRILLING		PRODUCTION	
	REGIONAL OSRP WCD	DOCD WCD CURRENT PLAN	REGIONAL OSRP WCD	DOCD WCD CURRENT PLAN
Type of Activity	EXPLORATORY WELL	DOCD WCD	Production > 10 miles from shore	DOCD WCD
Uncontrolled Blowout			54689.00	0.00
Lease Term Pipelines				500.00
Total Volume	0.00	0.00	54689.00	500.00
Type of Oil(s) (crude, condensate, diesel)			Crude	Crude
API Gravity			24.9	31.4

Since Talos Petroleum LLC has the capacity to respond to the worst case spill scenario included in our Regional OSRP approved on August 1, 2024 and determined in compliance December 18, 2024, and since the worst case scenario determined for our Plan does not replace the worst case scenario in our Regional OSRP, Talos hereby certifies that we have the capacity to respond, to the maximum extent practicable, to a worst case discharge, or substantial threat of such a discharge, resulting from the activities proposed in this Plan.

APPENDIX D
ENVIRONMENTAL MONITORING INFORMATION

A) INCIDENTAL TAKES

There is no reason to believe that any of the endangered species or marine mammals as listed in the ESA will be "taken" as a result of the operations proposed under this plan.

To date, it has been documented that the use of explosives and/or seismic devices can affect marine life. Operations proposed in this plan will not be utilizing either of these devices.

The proposed operations will not utilize pile-driving. Talos does not propose any new pipelines that will make landfall. Talos does not propose use of a rig or vessel that includes equipment with a potential for entanglement or entrapment.

Talos will adhere to the requirements as set forth in the following Notices to Lessees and guidelines, as applicable, to avoid or minimize impacts to any of the species listed in the ESA as a result of the operations conducted herein:

- NTL 2015-G03 "Marine Trash and Debris Awareness and Elimination"
- BOEM NTL 2016-G01 "Vessel Strike Avoidance and Injured/ Dead Protected Species Reporting
- BOEM NTL 2016-G02 "Implementation of Seismic Survey Mitigation Measures and Protected Species Observer Program"
- Appendix A: Seismic Survey Mitigation and Protected Species Observer Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix B: Gulf of Mexico Marine Trash and Debris Awareness and Elimination Survey Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix C: Gulf of Mexico Vessel Strike Avoidance and Injured/Dead Aquatic Protected Species Reporting Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix J: Sea Turtle Handling and Resuscitation Guidelines, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020

APPENDIX E
ENVIRONMENTAL MITIGATION MEASURES INFORMATION

A) INCIDENTAL TAKES

There is no reason to believe that any of the endangered species or marine mammals as listed in the ESA will be "taken" as a result of the operations proposed under this plan.

To date, it has been documented that the use of explosives and/or seismic devices can affect marine life. Operations proposed in this plan will not be utilizing either of these devices.

The proposed operations will not utilize pile-driving. Talos does not propose any new pipelines that will make landfall. Talos does not propose use of a rig or vessel that includes equipment with a potential for entanglement or entrapment.

Talos will adhere to the requirements as set forth in the following Notices to Lessees and guidelines, as applicable, to avoid or minimize impacts to any of the species listed in the ESA as a result of the operations conducted herein:

- NTL 2015-G03 "Marine Trash and Debris Awareness and Elimination"
- BOEM NTL 2016-G01 "Vessel Strike Avoidance and Injured/ Dead Protected Species Reporting"
- BOEM NTL 2016-G02 "Implementation of Seismic Survey Mitigation Measures and Protected Species Observer Program"
- Appendix A: Seismic Survey Mitigation and Protected Species Observer Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix B: Gulf of Mexico Marine Trash and Debris Awareness and Elimination Survey Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix C: Gulf of Mexico Vessel Strike Avoidance and Injured/Dead Aquatic Protected Species Reporting Protocols, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020
- Appendix J: Sea Turtle Handling and Resuscitation Guidelines, found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020

APPENDIX F
SUPPORT VESSELS AND AIRCRAFT INFORMATION

A) GENERAL

The most practical and direct route from the shorebase in Fourchon, Louisiana, as permitted by weather and traffic conditions will be utilized.

The vessels, supply boats, etc. utilized for the proposed activities will not transit the Bryde's whale (Rice's Whale) area.

**APPENDIX G
ONSHORE SUPPORT FACILITIES INFORMATION**

A) GENERAL

The table below is a list of the onshore facilities that will be used to provide supply and service support for the activities proposed herein.

Name of Shorebase	Location	Existing/New/Modified
MI Swaco Dock	Port Fourchon, LA	Existing
Cameron Dock	Lake Charles, LA	Existing
GIS Dock	Venice, LA	Existing
Fourchon Shorebase	Port Fourchon, LA	Existing
Halliburton/Baroid	Galveston, TX	Existing
Martin Midstream	Galveston, TX	Existing
Halliburton/Baroid Dock	Port Fourchon, LA	Existing
Dulac Shorebase	Dulac, LA	Existing
ICY Shorebase	Abbeville, LA	Existing

B) SUPPORT BASE CONSTRUCTION OR EXPANSION

In accordance with NTL 2008-G04, this information is not applicable to the activities proposed herein as Talos Petroleum will use an existing onshore base facility and will not need to expand or modify those facilities to accommodate the operations proposed herein.

C) SUPPORT BASE CONSTRUCTION OR EXPANSION TIMETABLE

In accordance with NTL 2008-G04, this information is not applicable to the activities proposed herein as no land is being acquired to construct or expand an onshore support base.

D) WASTE DISPOSAL

In accordance with BOEM guidance, the required data regarding the facilities that will be used to store and dispose of any solid and liquid wastes generated by the activities proposed herein has been incorporated into the Waste & Discharge tables which are included in the attachment(s) to the Waste & Discharge Information appendix.

E) AIR EMISSIONS

In accordance with NTL 2008-G04, this information is not applicable to the activities proposed herein as the air emissions information in this section is not required for plans where the activities being proposed are within the boundaries of the Gulf of Mexico Region.

F) UNUSUAL SOLID AND LIQUID WASTES

In accordance with NTL 2008-G04, this information is not applicable to the activities proposed herein as the unusual solid and liquid wastes information generated by onshore support facilities is not required for plans that propose activities that fall within the boundaries of the Gulf of Mexico Region.

**APPENDIX H
AIR EMISSIONS INFORMATION**

Attached to this appendix are emissions worksheets showing the emissions calculations for Plan Emissions, which are the same as Complex Total emissions. This AQR is being submitted to address air quality impact for 2025 based on current and projected caisson equipment and operations.

**APPENDIX H
AIR EMISSIONS INFORMATION**

Attached to this appendix are emissions worksheets showing the emissions calculations for Plan Emissions, which are the same as Complex Total emissions. This AQR is being submitted to address air quality impact for 2025 based on current and projected caisson equipment and operations.

DOCD - AIR QUALITY**OMB Control No. 1010-0151
OMB Approval Expires: 08/31/2023**

COMPANY	Talos Petroleum LLC
AREA	Ship Shoal
BLOCK	93
LEASE	OCS-00063
FACILITY	M
WELL	N/A
COMPANY CONTACT	Meredith Bunkers
TELEPHONE NO.	713-904-9092
REMARKS	This AQR is being submitted to address air quality impact for 2025 to allow for deck installation.

AIR EMISSIONS COMPUTATION FACTORS

Fuel Usage Conversion Factors	Natural Gas Turbines				Natural Gas Engines				Diesel Recip. Engine		Diesel Turbines		
	SCF/hp-hr	9.524			SCF/hp-hr	7.143	GAL/hp-hr	0.0514	GAL/hp-hr	0.0514			
Equipment/Emission Factors	units	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	REF.	DATE	Reference Links
Natural Gas Turbine	g/hp-hr		0.0086	0.0086	0.0026	1.4515	0.0095	N/A	0.3719	N/A	AP42 3.1-1& 3.1-2a	4/00	https://www3.epa.gov/ttnchie1/ap42/ch03/final/c03s01.pdf
RECIP. 2 Cycle Lean Natural Gas	g/hp-hr	0.1293	0.1293	0.0020	6.5998	0.4082	N/A	1.2009	N/A	N/A	AP42 3.2-1	7/00	https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s02.pdf
RECIP. 4 Cycle Lean Natural Gas	g/hp-hr	0.0002	0.0002	0.0020	2.8814	0.4014	N/A	1.8949	N/A	N/A	AP42 3.2-2	7/00	https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s02.pdf
RECIP. 4 Cycle Rich Natural Gas	g/hp-hr	0.0323	0.0323	0.0020	7.7224	0.1021	N/A	11.9408	N/A	N/A	AP42 3.2-3	7/00	https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s02.pdf
Diesel Recip. < 600 hp	g/hp-hr	1	1	1	0.0279	14.1	1.04	N/A	3.03	N/A	AP42 3.3-1	10/96	https://www3.epa.gov/ttnchie1/ap42/ch03/final/c03s03.pdf
Diesel Recip. > 600 hp	g/hp-hr	0.32	0.182	0.178	0.0055	10.9	0.29	N/A	2.5	N/A	AP42 3.4-1 & 3.4-2	10/96	https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s04.pdf
Diesel Boiler	lbs/bbl	0.0840	0.0420	0.0105	0.0089	1.0080	0.0084	5.14E-05	0.2100	0.0336	AP42 1.3-6; Pb and NH3: WebFIRE (08/2018)	9/98 and 5/10	https://www.epa.gov/ttn/chief/ap42/ch03/final/c03s04.pdf
Diesel Turbine	g/hp-hr	0.0381	0.0137	0.0137	0.0048	2.7941	0.0013	4.45E-05	0.0105	N/A	AP42 3.1-1 & 3.1-2a	4/00	https://cfpub.epa.gov/webfire/
Dual Fuel Turbine	g/hp-hr	0.0381	0.0137	0.0137	0.0048	2.7941	0.0095	4.45E-05	0.3719	0.0000	AP42 3.1-1& 3.1-2a; AP42 3.1-1 & 3.1-2a	4/00	https://www3.epa.gov/ttnchie1/ap42/ch03/final/c03s01.pdf
Vessels – Propulsion	g/hp-hr	0.320	0.1931	0.1873	0.0047	7.6669	0.2204	2.24E-05	1.2025	0.0022	USEPA 2017 NEITSP refer to Diesel Recip. > 600 hp reference	3/19	https://www.epa.gov/air-emissions-inventories/2017-national-emissions-inventory-nei-data
Vessels – Drilling Prime Engine, Auxiliary	g/hp-hr	0.320	0.1931	0.1873	0.0047	7.6669	0.2204	2.24E-05	1.2025	0.0022	USEPA 2017 NEITSP refer to Diesel Recip. > 600 hp reference	3/19	
Vessels – Diesel Boiler	g/hp-hr	0.0466	0.1491	0.1417	0.4400	1.4914	0.0820	3.73E-05	0.1491	0.0003	USEPA 2017 NEITSP (units converted) refer to Diesel Boiler Reference	3/19	
Vessels – Well Stimulation	g/hp-hr	0.320	0.1931	0.1873	0.0047	7.6669	0.2204	2.24E-05	1.2025	0.0022	USEPA 2017 NEITSP refer to Diesel Recip. > 600 hp reference	3/19	
Natural Gas Heater/Boiler/Burner	lbs/MMscf	7.60	1.90	1.90	0.60	190.00	5.50	5.00E-04	84.00	3.2	AP42 1.4-1 & 1.4-2; Pb and NH3: WebFIRE (08/2018)	7/98 and 8/18	https://www3.epa.gov/ttnchie1/ap42/ch01/final/c01s05.pdf
Combustion Flare (no smoke)	lbs/MMscf	0.00	0.00	0.00	0.57	71.40	35.93	N/A	325.5	N/A	AP42 13.5-1, 13.5-2	2/18	https://www3.epa.gov/ttn/chief/ap42/ch13/final/C13S05_02-05-18.pdf
Combustion Flare (light smoke)	lbs/MMscf	2.10	2.10	2.10	0.57	71.40	35.93	N/A	325.5	N/A	AP42 13.5-1, 13.5-2	2/18	
Combustion Flare (medium smoke)	lbs/MMscf	10.50	10.50	10.50	0.57	71.40	35.93	N/A	325.5	N/A	AP42 13.5-1, 13.5-2	2/18	
Combustion Flare (heavy smoke)	lbs/MMscf	21.00	21.00	21.00	0.57	71.40	35.93	N/A	325.5	N/A	AP42 13.5-1, 13.5-2	2/18	
Liquid Flaring	lbs/bbl	0.42	0.0966	0.0651	5.964	0.84	0.01428	5.14E-05	0.21	0.0336	AP42 1.3-1 through 1.3-3 and 1.3-5	5/10	https://www3.epa.gov/ttnchie1/ap42/ch01/final/c01s03.pdf
Storage Tank	tons/yr/tank						4.300				2014 Gulfwide Inventory; Avg emiss (upper bound of 95% CI)	2017	https://www.boem.gov/environment/environmental-studies/2014-gulfwide-emission-inventory
Fugitives	lbs/hr/component						0.0005				API Study	12/93	https://www.api.org/
Glycol Dehydrator	tons/yr/dehydrator						19.240				2011 Gulfwide Inventory; Avg emiss (upper bound of 95% CI)	2014	https://www.boem.gov/environment/environmental-studies/2011-gulfwide-emission-inventory
Cold Vent	tons/yr/vent						44.747				2014 Gulfwide Inventory; Avg emiss (upper bound of 95% CI)	2017	https://www.boem.gov/environment/environmental-studies/2014-gulfwide-emission-inventory
Waste Incinerator	lb/ton		15.0	15.0	2.5	2.0	N/A	N/A	20.0	N/A	AP 42 2.1-12	10/96	https://www3.epa.gov/ttnchie1/ap42/ch02/final/c02s01.pdf
On-ice – Loader	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	https://www.epa.gov/moves/nonroad2008a-installation-and-updates
On-ice – Other Construction Equipment	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	
On-ice – Other Survey Equipment	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	
On-ice – Tractor	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	
On-ice – Truck (for gravel island)	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	
On-ice – Truck (for surveys)	lbs/gal	0.043	0.043	0.043	0.040	0.604	0.049	N/A	0.130	0.003	USEPA NONROAD2008 model; TSP (units converted) refer to Diesel Recip. <600 reference	2009	
Man Camp - Operation (max people/day)	tons/person/day		0.0004	0.0004	0.0004	0.006	0.001	N/A	0.001	N/A	BOEM 2014-1001	2014	https://www.boem.gov/sites/default/files/uploadedFiles/BOEM/BOEM_New%20room/Library/Publications/2014-1001.pdf
Vessels - Ice Management Diesel	g/hp-hr	0.320	0.1931	0.1873	0.0047	7.6669	0.2204	2.24E-05	1.2025	0.0022	USEPA 2017 NEITSP refer to Diesel Recip. > 600 hp reference	3/19	https://www.epa.gov/air-emissions-inventories/2017-national-emissions-inventory-nei-data
Vessels - Hovercraft Diesel	g/hp-hr	0.320	0.1931	0.1873	0.0047	7.6669	0.2204	2.24E-05	1.2025	0.0022	USEPA 2017 NEITSP refer to Diesel Recip. > 600 hp reference	3/19	https://www.epa.gov/air-emissions-inventories/2017-national-emissions-inventory-nei-data

Sulfur Content Source	Value	Units
Fuel Gas	3.38	ppm
Diesel Fuel	0.0015	% weight
Produced Gas (Flare)	3.38	ppm
Produced Oil (Liquid Flaring)	1	% weight

Density and Heat Value of Diesel		
Fuel		
Density	7.05	lbs/gal
Heat Value	19,300	Btu/lb

Heat Value of Natural Gas		
Heat Value	1,050	MMBtu/MMscf

Natural Gas Flare Parameters	Value	Units
VOC Content of Flare Gas	0.6816	lb VOC/lb-mol gas
Natural Gas Flare Efficiency	98	%

AIR EMISSIONS CALCULATIONS - 1ST YEAR

COMPANY	AREA		BLOCK	LEASE	FACILITY	WELL				CONTACT	PHONE	REMARKS													
Talos Petroleum LLC	Ship Shoal		93 OCS-00063	M	N/A					Meredith Bankers	713-904-9092	This AGR is being submitted to address air quality impact for 2025 to allow for deck installation.													
OPERATIONS	EQUIPMENT	EQUIPMENT ID	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR								ESTIMATED TONS									
	Diesel Engines		HP	GAL/HR	GAL/D																				
	Nat. Gas Engines		HP	SCF/HR	SCF/D																				
	Burners		MMBTU/HR	SCF/HR	SCF/D	HR/D	D/YR	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
DRILLING	VESSELS- Drilling - Propulsion Engine - Diesel		61800	3179.3628	76304.71	0	0	43.60	26.30	25.51	0.63	1044.59	30.03	0.00	163.84	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Vessels - Diesel Boiler		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Vessels – Drilling Prime Engine, Auxiliary		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FACILITY INSTALLATION	VESSELS - Heavy Lift Vessel/Derrick Barge Diesel		6630 BPD	341.08698	8186.09	24	10	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.56	0.34	0.33	0.01	13.45	0.39	0.00	2.11	0.00
DRILLING	Liquid Flaring		5000			0	0	87.50	20.13	13.56	1242.50	175.00	2.98	0.01	43.75	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
WELL TEST	COMBUSTION FLARE - no smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	
	COMBUSTION FLARE - light smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	
	COMBUSTION FLARE - medium smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	
	COMBUSTION FLARE - heavy smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	
ALASKA-SPECIFIC SOURCES	VESSELS		kW			HR/D	D/YR																		
	VESSLES - Ice Management Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
2025 Facility Total Emissions								135.78	49.25	41.81	1,243.20	1,331.65	36.23	0.01	225.17	7.34	0.56	0.34	0.33	0.01	13.45	0.39	0.00	2.11	0.00
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																333.00			333.00	333.00	333.00		15,781.40	
	10.0																								
DRILLING	VESSELS- Crew Diesel		394	20.269724	486.47	0	0	0.28	0.17	0.16	0.00	6.66	0.19	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PIPELINE INSTALLATION	VESSELS - Supply Diesel		6630	341.08698	8186.09	0	0	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS - Tugs Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS - Material Tug Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS - Crew Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS - Supply Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PRODUCTION	VESSELS - Support Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALASKA-SPECIFIC SOURCES	On-Ice Equipment			GAL/HR	GAL/D																				
	Man Camp - Operation (maximum people per day)		PEOPLE/DAY																						
	VESSELS		kW			HR/D	D/YR																		
	On-Ice – Loader		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	
	On-Ice – Other Construction Equipment		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00		
	On-Ice – Other Survey Equipment		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00		
	On-Ice – Tractor		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00		
	On-Ice – Truck (for gravel island)		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00		
	On-Ice – Truck (for surveys)		0	0.0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00		
	Man Camp - Operation		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00		
	VESSELS - Hovercraft Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2025 Non-Facility Total Emissions								4.96	2.99	2.90	0.07	118.72	3.41	0.00	18.62	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AIR EMISSIONS CALCULATIONS - 2ND YEAR

[illegible]

AIR EMISSIONS CALCULATIONS - 3RD YEAR

[illegible]

AIR EMISSIONS CALCULATIONS - 4TH YEAR

COMPANY	AREA		BLOCK	LEASE	FACILITY	WELL				CONTACT	PHONE	REMARKS													
Talos Petroleum LLC	Ship Shoal		93	OCS-00063	M	N/A				Meredith Bankers	713-904-9092	This AGR is being submitted to address air quality impact for 2025 to allow for deck installation.													
OPERATIONS	EQUIPMENT	EQUIPMENT ID	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR										ESTIMATED TONS							
	Diesel Engines		HP	GAL/HR	GAL/D																				
	Nat. Gas Engines		HP	SCF/HR	SCF/D																				
	Burners		MMBTU/HR	SCF/HR	SCF/D	HR/D	D/YR	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
DRILLING	VESSELS- Drilling - Propulsion Engine - Diesel		61800	3179.3628	76304.71	0	0	43.60	26.30	25.51	0.63	1044.59	30.03	0.00	163.84	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels - Diesel Boiler		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels – Drilling Prime Engine, Auxiliary		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WORKOVER	VESSELS- Heavy Lift Vessel/Derrick Barge Diesel		6630	341.08698	8186.09	24	30	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
	BPD		5000																						
DRILLING	Liquid Flaring					0	0	87.50	20.13	13.56	1242.50	175.00	2.98	0.01	43.75	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	COMBUSTION FLARE - no smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - light smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - medium smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - heavy smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
ALASKA-SPECIFIC SOURCES	VESSELS		kW			HR/D	D/YR																		
	VESSELS - Ice Management Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00
2028 Facility Total Emissions								135.78	49.25	41.81	1,243.20	1,331.65	36.23	0.01	225.17	7.34	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																333.00			333.00	333.00	333.00		15,781.40	
	10.0																								
DRILLING	VESSELS- Crew Diesel		394	20.269724	486.47	0	0	0.28	0.17	0.16	0.00	6.66	0.19	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	VESSELS- Supply Diesel		6630	341.08698	8186.09	0	0	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Tugs Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Material Tug Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Crew Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Supply Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Support Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION																									
ALASKA-SPECIFIC SOURCES	On-Ice Equipment			GAL/HR	GAL/D																				
	Man Camp - Operation (maximum people per day)		PEOPLE/DAY																						
	VESSELS		kW			HR/D	D/YR																		
	On-Ice – Loader			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00
	On-Ice – Other Construction Equipment			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Other Survey Equipment			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Tractor			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Truck (for gravel island)			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Truck (for surveys)			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	Man Camp - Operation		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	VESSELS - Hovercraft Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2028 Non-Facility Total Emissions								4.96	2.99	2.90	0.07	118.72	3.41	0.00	18.62	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

AIR EMISSIONS CALCULATIONS - 5TH YEAR

[illegible]

AIR EMISSIONS CALCULATIONS - 6TH YEAR

COMPANY	AREA		BLOCK	LEASE	FACILITY	WELL				CONTACT	PHONE	REMARKS													
Talos Petroleum LLC	Ship Shoal		93	OCS-00063	M	N/A				Meredith Bankors	713-904-9092	This AGR is being submitted to address air quality impact for 2025 to allow for deck installation.													
OPERATIONS	EQUIPMENT	EQUIPMENT ID	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR										ESTIMATED TONS							
	Diesel Engines		HP	GAL/HR	GAL/D																				
	Nat. Gas Engines		HP	SCF/HR	SCF/D																				
	Burners		MMBTU/HR	SCF/HR	SCF/D	HR/D	D/YR	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
DRILLING	VESSELS- Drilling - Propulsion Engine - Diesel		61800	3179.3628	76304.71	0	0	43.60	26.30	25.51	0.63	1044.59	30.03	0.00	163.84	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels - Diesel Boiler		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels – Drilling Prime Engine, Auxiliary		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WORKOVER	VESSELS- Heavy Lift Vessel/Derrick Barge Diesel		6630	341.08698	8186.09	24	30	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
			BPD																						
DRILLING	Liquid Flaring		5000			0	0	87.50	20.13	13.56	1242.50	175.00	2.98	0.01	43.75	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	COMBUSTION FLARE - no smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - light smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - medium smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
	COMBUSTION FLARE - heavy smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--
ALASKA-SPECIFIC SOURCES	VESSELS		kW			HR/D	D/YR																		
	VESSELS - Ice Management Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
2030 Facility Total Emissions								135.78	49.25	41.81	1,243.20	1,331.65	36.23	0.01	225.17	7.34	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																333.00			333.00	333.00	333.00		15,781.40	
	10.0																								
DRILLING	VESSELS- Crew Diesel		394	20.269724	486.47	0	0	0.28	0.17	0.16	0.00	6.66	0.19	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	VESSELS- Supply Diesel		6630	341.08698	8186.09	0	0	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Tugs Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Material Tug Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Crew Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Supply Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Support Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION																									
ALASKA-SPECIFIC SOURCES	On-Ice Equipment			GAL/HR	GAL/D																				
	Man Camp - Operation (maximum people per day)		PEOPLE/DAY																						
	VESSELS		kW			HR/D	D/YR																		
	On-Ice – Loader		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00
	On-Ice – Other Construction Equipment		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Other Survey Equipment		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Tractor		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Truck (for gravel island)		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Truck (for surveys)		0	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	Man Camp - Operation		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	VESSELS - Hovercraft Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2030 Non-Facility Total Emissions								4.96	2.99	2.90	0.07	118.72	3.41	0.00	18.62	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

AIR EMISSIONS CALCULATIONS - 7TH YEAR

COMPANY	AREA		BLOCK	LEASE	FACILITY	WELL				CONTACT	PHONE	REMARKS													
Talos Petroleum LLC	Ship Shoal		B3	OCS-00063	M	N/A				Meredith Bunkers	713-904-9092	This AQR is being submitted to address air quality impact for 2025 to allow for deck installation.													
OPERATIONS	EQUIPMENT	EQUIPMENT ID	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR										ESTIMATED TONS							
	Diesel Engines		HP	GAL/HR	GAL/D																				
	Nat. Gas Engines		HP	SCF/HR	SCF/D																				
	Burners		MMBTU/HR	SCF/HR	SCF/D	HR/D	D/YR	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
DRILLING	VESSELS- Drilling - Propulsion Engine - Diesel		61800	3179.3628	76304.71	0	0	43.60	26.30	25.51	0.63	1044.59	30.03	0.00	163.84	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS- Drilling - Propulsion Engine - Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Vessels - Diesel Boiler		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Vessels – Drilling Prime Engine, Auxiliary		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
WORKOVER	VESSELS - Heavy Lift Vessel/Derrick Barge Diesel		6630 BPD	341.08698	8186.09	24	30	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
DRILLING WELL TEST	Liquid Flaring		5000			0	0	87.50	20.13	13.56	1242.50	175.00	2.98	0.01	43.75	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	COMBUSTION FLARE - no smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - light smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - medium smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - heavy smoke			0		0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
ALASKA-SPECIFIC SOURCES	VESSOLS		kW			HR/D	D/YR																		
	VESSOLS - Ice Management Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
2031 Facility Total Emissions								135.78	49.25	41.81	1,243.20	1,331.65	36.23	0.01	225.17	7.34	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																333.00			333.00	333.00	333.00		15,781.40	
	10.0																								
DRILLING	VESSOLS- Crew Diesel		394	20.269724	486.47	0	0	0.28	0.17	0.16	0.00	6.66	0.19	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSOLS - Supply Diesel		6630	341.08698	8186.09	0	0	4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSOLS - Tugs Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	VESSOLS - Material Tug Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	VESSOLS - Crew Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	VESSOLS - Supply Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	VESSOLS - Support Diesel		0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALASKA-SPECIFIC SOURCES	On-Ice Equipment			GAL/HR	GAL/D																				
	Man Camp - Operation (maximum people per day)		PEOPLE/DAY																						
	VESSOLS		kW			HR/D	D/YR																		
	On-Ice – Loader			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	
	On-Ice – Other Construction Equipment			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
	On-Ice – Other Survey Equipment			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
	On-Ice – Tractor			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
	On-Ice – Truck (for gravel island)			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
	On-Ice – Truck (for surveys)			0	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00		
	Man Camp - Operation		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00		
	VESSOLS - Hovercraft Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2031 Non-Facility Total Emissions								4.96	2.99	2.90	0.07	118.72	3.41	0.00	18.62	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AIR EMISSIONS CALCULATIONS - 8TH YEAR

[illegible]

AIR EMISSIONS CALCULATIONS - 9TH YEAR

[illegible]

AIR EMISSIONS CALCULATIONS - 10TH YEAR

COMPANY	AREA		BLOCK	LEASE	FACILITY	WELL				CONTACT	PHONE	REMARKS													
Talos Petroleum LLC	Ship Shoal		93	OCS-00063	M	N/A				Meredith Bunkers	713-904-9092	This AQR is being submitted to address air quality impact for 2025 to allow for deck installation.													
OPERATIONS	EQUIPMENT	EQUIPMENT ID	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR										ESTIMATED TONS							
	Diesel Engines		HP	GAL/HR	GAL/D																				
	Nat. Gas Engines		HP	SCF/HR	SCF/D																				
	Burners		MMBTU/HR	SCF/HR	SCF/D	HR/D	D/YR	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
DRILLING	VESSELS- Drilling - Propulsion Engine - Diesel	61800	3179.3628	76304.71	0	0		43.60	26.30	25.51	0.63	1044.59	30.03	0.00	163.84	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel			0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel			0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS- Drilling - Propulsion Engine - Diesel			0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels - Diesel Boiler					0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vessels – Drilling Prime Engine, Auxiliary			0	0.00		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WORKOVER	VESSELS - Heavy Lift Vessel/Derrick Barge Diesel	6630	341.08698	8186.09	24	30		4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
	BPD																								
DRILLING	Liquid Flaring	5000			0	0		87.50	20.13	13.56	1242.50	175.00	2.98	0.01	43.75	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	COMBUSTION FLARE - no smoke			0		0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - light smoke					0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - medium smoke			0		0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
	COMBUSTION FLARE - heavy smoke			0		0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	0.00	--	0.00	--	
ALASKA-SPECIFIC SOURCES	VESSELS	kW				HR/D	D/YR																		
	VESSELS - Ice Management Diesel	0				0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00
2034 Facility Total Emissions								135.78	49.25	41.81	1,243.20	1,331.65	36.23	0.01	225.17	7.34	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																333.00			333.00	333.00	333.00		15,781.40	
	10.0																								
DRILLING	VESSELS- Crew Diesel	394	20.269724	486.47	0	0		0.28	0.17	0.16	0.00	6.66	0.19	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Supply Diesel	6630	341.08698	8186.09	0	0		4.68	2.82	2.74	0.07	112.06	3.22	0.00	17.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Tugs Diesel	0	0	0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	VESSELS - Material Tug Diesel	0	0	0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Crew Diesel	0	0	0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS - Supply Diesel	0	0	0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	VESSELS - Support Diesel	0	0	0.00	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALASKA-SPECIFIC SOURCES	On-Ice Equipment			GAL/HR	GAL/D																				
	Man Camp - Operation (maximum people per day)		PEOPLE/DAY																						
	VESSELS	kW				HR/D	D/YR																		
	On-Ice – Loader		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00
	On-Ice – Other Construction Equipment		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	On-Ice – Other Survey Equipment		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	On-Ice – Tractor		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	On-Ice – Truck (for gravel island)		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	On-Ice – Truck (for surveys)		0	0.0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	Man Camp - Operation		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	
	VESSELS - Hovercraft Diesel		0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	2034 Non-Facility Total Emissions								4.96	2.99	2.90	0.07	118.72	3.41	0.00	18.62	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

AIR EMISSIONS CALCULATIONS

COMPANY		AREA	BLOCK	LEASE	FACILITY	WELL			
Talos Petroleum LLC		93	OCS-00063	M	M	N/A			
Year	Facility Emitted Substance								
	TSP	PM10	PM2.5	SOx	NOx	VOC	Pb	CO	NH3
2025	0.56	0.34	0.33	0.01	13.45	0.39	0.00	2.11	0.00
2026	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2027	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2028	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2029	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2030	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2031	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2032	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2033	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
2034	1.68	1.02	0.99	0.02	40.34	1.16	0.00	6.33	0.01
Allowable	333.00			333.00	333.00	333.00		15781.40	