



National Oil Spill Detection and Response Agency

FORM B

RISK BASED ASSESSMENT OF OIL SPILL INCIDENCE (RBA)

Note: This report must be submitted within 2 weeks of Spill Incidence

Section 1 – Site Organization		Mandatory Information Required	
Company Name		Esso Exploration and Production Nigeria Limited -EENL	
Reporting Officer		Howlett Kyle	
Phone Number		+1-(709)2731695	
Email Address		kyle.a.howlett@exxonmobil.com	
Incident Number		003 / 2024	
Incident Date		3/2/2024	
Spill Stopped Date		3/2/2024	
Section 2 – Location			
Facility Address		Erha FPSO/ OML 133	
State/ LGA		Delta	
Location OML:	Erha FPSO	GPS Coordinate	N 4 30.5E E 5 31.4N
Section 3 – Spill Details			
Date and Time of site assessment		3/20/2024	
Cause of spill	Company ☐ Corrosion ☒ Equipment Failure ☐ Operational/ Maintenance Error ☐ Bund wall overflow	Third Party Interference ☐ Vandalization ☐ Oil Theft ☐ Illegal Refining ☐ Others	Others ☐ Accident ☐ Mystery
Estimated Quantity Spilled (bbl)		About 0.02330 of crude oil based on sheen appearance BARRELS	
Estimated Quantity Recovered		0.00 BARRELS	
Control Measures		☐ Clamping ☐ Well Shut-in ☐ Valve Shut-in ☐ Flow Station Shut Down ☒ Others (specify): Produced water was diverted inboard immediately. Observed sheen self-dispersed and sea state cleared after ~30 mins	
Source of spill – Facility		TRANSPORTATION FACILITIES ☐ Ocean Tankers ☐ Tank Trucks ☐ Barge ☐ Tanker Vessel ☐ Pipeline	

		PIPELINE (Specify pipeline diameter.....) ☐ Trunkline ☐ Flowline ☐ Bulkline ☐ Delivery line ☐ Export Line ☐ Gas Line	
		STORAGE TANKS ☐ Underground Storage Tank ☐ Above-Ground Storage Tanks ☐ Others (specify).....	
		PRODUCTION FACILITIES ☐ Well head ☐ Manifold ☐ Flow Station ☐ Oil Rig ☐ Compressor Plant ☒ FPSO ☐ Others (specify).....	
Section 4 – Basic Types of Oil			
Very Light Oil		☐ Jet oil or Gasoline ☒ Oily Water	
Light Oil		☐ Diesel ☐ No. 2 fuel oil ☐ Light Crude	
Medium Oil			
Heavy Oil		☐ Heavy crude oil ☐ Bunker C ☐ No.6 Fuel oil	
Section 5 – Site Characterization			
Land Use			
Topography		☐ Sand beach ☐ Dock ☐ Shoreline ☐ Swamp ☐ Others (specify).....	
Surficial Geology		Soil Type ☐ Sandy ☐ Clay ☐ Silt ☐ Loam ☐ Peat	
		Soil Texture ☐ Very Fine ☐ Fine ☐ Medium ☐ Coarse ☐ Very Coarse	
		Soil Structure ☐ Granular ☐ Blocky ☐ Prismatic	
		Soil Permeability ☐ Slow ☐ Moderate ☐ Rapid ☐ Permeable ☐ Semi Permeable ☐ Impermeable	
		☐ Potential preference pathway for ground water flow ☐ Potential preferences pathway to ground water	
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Surrounding Population		☐ Industrial ☐ Residential ☐ Shoreline ☐ Rural ☐ Unpopulated ☐ Others (specify).....	
Section 6 - Weather			
	Sea Conditions	☐ Calm ☐ Rough ☐ Not Applicable ☐ Low Tide ☐ High Tide	
	Weather Conditions	☐ Bright Sunny ☐ Partly Cloudy ☐ Slight Rain ☐ Others (specify).....	
	Temperature	27°C	
	Wind Direction	North East (from the FPSO)	
	Wind Speed	4.3 knots	
	Relative Humidity		

Section 7 – Receptor Assessment					
Sensitive Receptor	Pathway Impacted Area(m ²)	Distance to Impacted Area(m ²)	Estimated Area of Impact Area(m ²)	Receptor Impacted (Yes/No)	Remarks
Farmland					
Fish Pond					
Vegetation					
Surface Water					
Ground Water					
Venerable Object					
Human Habitation					
Wild Life					
Livestock					
Plantation					
Swamp					

GENERAL REMARK (to include visual observations on impacted area)

[GeneralRemarks]

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REPORTING OFFICER: Howlett Kyle

DESIGNATION: General Manager Deepwater Operations.

SIGNATURE:
 DocuSigned by:
 Kyle Howlett

March 21, 2024

DATE

**Clean-up program report must be submitted within 2 weeks of spill incidence.*

DocuSigned by:
 Ogunmolu, Miya
 63DB2925592E4AA
 March 21, 2024