



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		Mobil Producing Nigeria -MPN	
Reporting Officer		Mark Fraser	
Phone Number		0817 207 3919	
Email Address		mark.w.fraser@exxonmobil.com	
Incident Number		13 / 2023	
Incident Date		8/23/2023	
Spill Stopped Date		8/23/2023	
Section 2 – Location			
Facility Address		QIT / Ibeno	
State/ LGA		Akwa Ibom / Ibeno	
Location OML:		GPS Coordinate	N 8 1.5E E 4 32.38N
Section 3 – Spill Details			
Date and Time of site assessment		8/23/2023	
Cause of spill	Company ☐ Corrosion ☐ Equipment Failure ☐ Operational/ Maintenance Error ☐ Bund wall overflow	Third Party Interference ☐ Vandalization ☐ Oil Theft ☐ Illegal Refining ☒ Others: (Pump overwhelm due to heavy down pour)	Others ☐ Accident ☐ Mystery
Estimated Quantity Spilled (bbl)		0.13000 BARRELS	
Estimated Quantity Recovered		Nil	
Control Measures		☐ Clamping ☐ Well Shut-in ☐ Valve Shut-in ☐ Flow Station Shut Down ☒ Others (specify): 1. South skimmer underground sump was pumped down 2. Oily water around sump area was recovered with adsorbent booms / pads.	
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
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
Surrounding Population		☐ Potential preference pathway for ground water flow ☐ Potential preferences pathway to ground water
		☐ 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	22.8°C
	Wind Direction	North
	Wind Speed	6.5knots
	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)

None

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REPORTING OFFICER: Mark Fraser

DESIGNATION: General Manager, Joint Venture Operations

DS
BF

DocuSigned by:

Mark W. Fraser

September 6, 2023

SIGNATURE:

DATE:

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