



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		08172069077	
Email Address		Mark.w.fraser@exxonmobil.com	
Incident Number		017 / 2023	
Incident Date		11/8/2023	
Spill Stopped Date		11/8/2023	
Section 2 – Location			
Facility Address		Asabo PP / OML 70 - 4 6.48N / 7 48.6E	
State/ LGA			
Location OML:	OML 70	GPS Coordinate	N 7 48.6E E 4 6.48N
Section 3 – Spill Details			
Date and Time of site assessment		11/8/2023	
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 0.01572bbl of Crude Oil based on sheen appearance	
Estimated Quantity Recovered		Nil	
Control Measures		☐ Clamping ☐ Well Shut-in ☐ Valve Shut-in ☐ Flow Station Shut Down ☒ Others (specify): Mechanical agitation conducted. Continuous surveillance maintained.	
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): Unknown Mystery sheen	
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	
		☐ Potential preference pathway for ground water flow ☐ Potential preferences pathway to ground water	
		☐ Potential preference pathway for ground water flow ☐ Potential preferences pathway to ground water	
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): Clear	
	Temperature	Air Temp. 28°C	
	Wind Direction	South West	
	Wind Speed	13knots	
	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

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DocuSigned by:
Mark W. Fraser

November 21, 2023

SIGNATURE:E80C423DA74246A.....

DATE:

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