

3/24/2021

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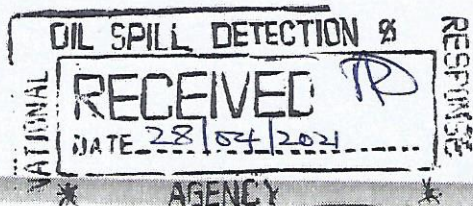
National Oil Spill Detection and Response Agency

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		NNPC - NPSC mosimi	
Reporting Officer		OKPOKIRI Vincent	
Phone Number		08027936072	
Email Address		vincent.okpokiri@nnpcgroup.com	
Incident Number			
Incident Date		19-January, 2020	
Spill Stopped Date		19-January, 2020	
Section 2 - Location			
Facility Address		Oke-Odo Pipeline Agbado/Oke Odo LCDA Alimosho LG	
State/ LGA		Oke-Odo Lagos State (Abule-Egba)	
Location		GPS	N 6° 38' 32"
OML	N/A	Coordinate	E 3° 17' 38"
Section 3 - Spill Details			
Date and Time of site assessment		20th & 21st January 2020	
Cause of spill	Company	Third Party Interference	Others
	☐ Corrosion ☐ Equipment Failure ☐ Operational/ Maintenance Error ☐ Bund wall overflow	☒ Vandalization ☐ Oil Theft ☐ Illegal Refining ☐ Others	☐ Accident ☐ Mystery
Estimated Quantity Spilled (bbl)		Not yet quantified	
Estimated Quantity Recovered		NIL	
Control Measures		☒ Clamping ☐ Well Shut-in ☐ Valve Shut-in ☐ Flow Station Shut Down ☐ Others (specify).....	
Source of spill - Facility		TRANSPORTATION FACILITIES ☐ Ocean Tankers ☐ Tank Trucks ☐ Barge ☐ Tanker Vessel ☒ Pipeline PIPELINE (Specify pipeline diameter: 16 Inches) ☒ Trunkline ☐ Flowline ☐ Bulkline ☒ Delivery line ☐ Export line ☐ Gas Line STORAGE TANKS ☐ Underground Storage Tanks ☐ Above-Ground Storage Tanks ☐ Others (specify).....	



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		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)..... <u>Land (Dry Land)</u>		
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		
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		
	Wind Direction		
	Wind Speed		
	Relative Humidity		

N/A

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 (Yes/No)	Impacted	Remarks
Farmland						
Fish Pond						
Vegetation						
Surface Water						

N/A

Ground Water					
Venerable Object					
Human Habitation			20,000m ²	YES	
Wild Life					
Livestock					
Plantation					
Swamp					

GENERAL REMARK (to include visual observations on impacted area)

The ensuing fire consumed most of the spilled product while the loam soil retained a fraction which might require remediation of the environmental receptor.

REPORTING OFFICER: Okpokiri ✓

DESIGNATION: Supt HSE Mosimi

SIGNATURE: *[Signature]* DATE: 02/02/2020

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