National Oil Spill Detection and Response Agency

JOINT INVESTIGATION VISIT (JIV) FORM

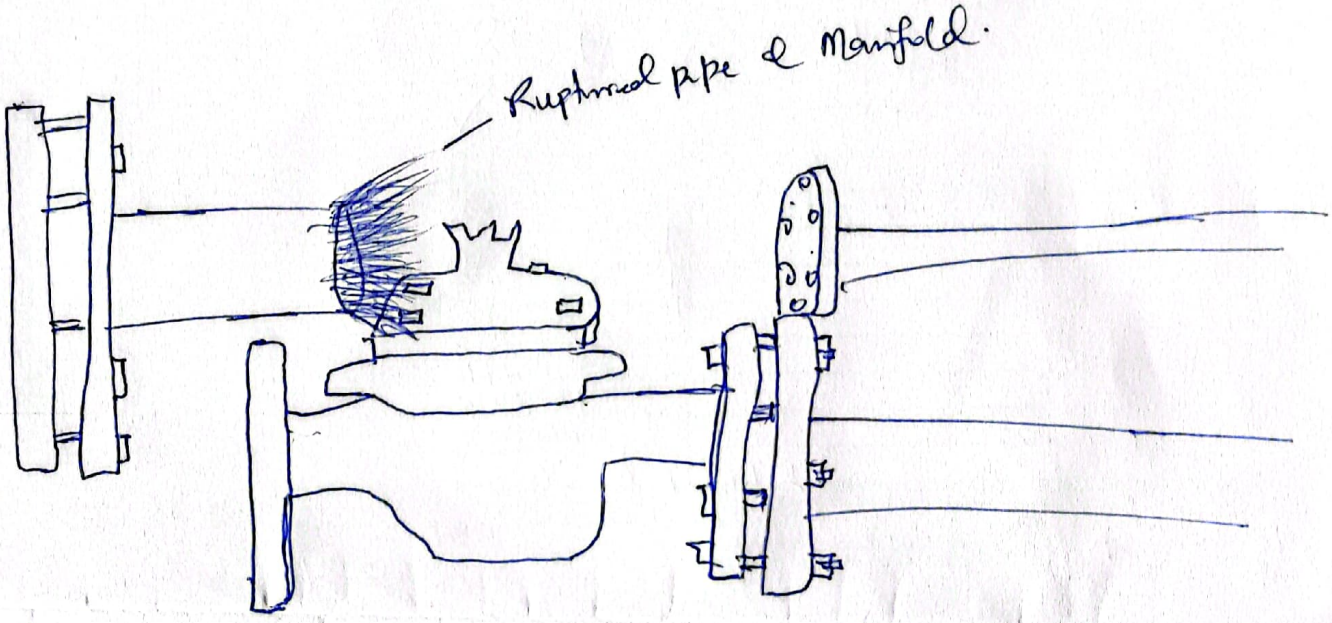
Note: This JIV Form is to be completed by all participating parties in the field

Site Organization	Mandatory Information Required
Company Name	FRONTIER OIL LIMITED
Incident Number	2024/03/05/001
Type of Complaint/Incident	
	☑ Oil Pollution ☐ Fire/Explosion ☐ Drilling Mud/Chemical Pollution ☐ Others (specify).....
Incident Details	
Date of Incident	26 03 2024
Date first reported	26 03 2024
Date of first investigation	27 03 2024
Date of follow-up investigation	DD : MM : YYYY
Time of investigation	1110HRS
Estimated quantity spilled	5BBLS
Site Details	
Facility Address	LOCATION 10 & 12
Position of Spill/Leak	
Location OML:	13
GPS Coordinate	N 4° 38" 41.78" E 8° 2" 46.86"
Spill Area	
	☑ Land ☐ Swamp ☐ Fresh Water ☐ Mangrove ☐ Coastline ☐ Nearshore ☐ Offshore ☐ Others observations around the spill point (specify)..... .....
Structural Controls in Place	☐ Boom ☐ Trenches ☐ Bund wall ☐ Sorbents ☐ Others (specify).....
Circumstances Around Spill point	
Visual Observation of Hole Point	☐ 12 O' Clock ☐ 10 O' Clock ☐ 2 O' Clock ☐ 3 O' Clock ☐ 4 O' Clock ☐ 5 O' Clock ☐ 6 O' Clock
Type of Contaminant	☑ Crude Oil ☐ Condensate ☐ Chemicals ☐ Refined Products ☐ Others (specify).....
Facility	☐ Pipeline ☐ Flow line ☐ Wellhead ☑ Manifold ☐ Flow Station ☐ Rig ☐ Storage Tank ☐ Compressor Plant ☐ Others (specify).....

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

Additional Description of Spill Point		
	☐ Hacksaw Marks	☐ Drilled Holes
	☐ Hacksaw cut	☐ Blast
	☐ Theft (illegal bunkering)	☐ Flare System/Bund wall failure
	☐ Valve failure	☐ Saver pit overflow
	☐ Missing Pipeline/Flowline	☐ Third party tampering with valve setting
	☐ Failed Clamp	☐ Third party tampering with flange
	☐ Well head tampering	☐ Inward dent
	☐ Failed clamp	☐ Surge vessel overflow
	☐ Bulging outward	☐ Relief valve failure
	☑ Complete rupture	☐ Others (specify).....

Graphic Description of Leak Point (sketches/illustrations)



Impact of Incident

Properties impacted by incident	☐ Farmland ☐ Fish Pond ☑ Vegetation ☐ Fishing Net ☐ Surface water ☐ Venerable Objects ☐ Others (specify).....
Nature of impact	☑ Oil stained vegetation ☐ Oil stained fishing net ☐ Dead floating fishes ☐ Dead floating Crabs ☐ Withering of vegetation ☐ Others (specify).....
Distance from the nearest Receptors potentially at risk	☐ Farmlands [,m] ☐ Build-up area [,m] ☐ Fish Farm/Pond [,m] ☐ Drinking water source [,m] ☐ Farms ☐ Fishing [,m] ☐ Reserved and protected area [,m]
Delineation of impacted area	☐ Within Company's facility/ROW ☐ Outside Company's facility/ROW

Extend of Impact

S/N	Northing	Easting	S/N	Northing	Easting
1	5 35 48	39 42 20	12	5 34 49	39 42 12
2.	5 35 43	39 42 09	13	5 35 51	39 42 33
3.	5 35 34	39 42 02			
4	5 35 19	39 41 94			
5.	5 35 12	39 41 91			
6.	5 34 91	39 41 76			
7.	5 34 80	39 41 71			
8.	5 34 74	39 41 61			
9.	5 34 63	39 41 64			
10	5 34 41	39 41 80			
11	5 34 53	39 41 00			

a) Community (indicate name)	b) Land (indicate area in m^2)
i. UQUA ISI EDOTH	i. 3,902.5
ii 1.DUNG UDONSAK	ii
iii.	iii.
iv.	iv.

Creeks/Creek lets

☐ Tidal ☐ Non Tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

Swamp

☐ Tidal ☐ Non Tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

River

☐ Tidal ☐ Non Tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

Shoreline/water			
☐ Tidal		☐ Non Tidal	
NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

Photograph/Map/Chart Ref.	☑ Still Photograph ☐ Video coverage ☐ Mapping
Samples taken	
Investigation	☑ Foot ☐ Boat ☐ Aircraft ☐ Drone

REMARKS/RECOMMENDATION

IMPACTED AREA SHOULD BE CLEANED BY FRONTIER OIL LTD IMMEDIATELY.

DATE/TIME INVESTIGATION ENDED 27/3/2024 1343HRS

Name and Signature of Participants					
NOSDRA			**Local Government Council**		
S/N	Name	Signature	S/N	Name	Signature
1.	ENGR. MELVIS ODOH		1.		
2.	ENGR FRANK OKOM		2.		
3.	IKYANDE GABRIELS		3.		
DPR			**Company**		
1.	Okpani Gerald		1.	Veronica Akpan	
2.			2.	GBENGA ADEBOLUWATU	
3.			3.		
State Ministry of Environment			**Community**		
1.			1.	Hon. Bulls Eme	
2.			2.	Rt. Hon. Emmanuel Okpotoke	
3.			3.	Paul Udoh Thomas	

SECURITY

1. CSP. NNUDAM FREDRICK 27/3/2024
2. Abasiakam Augustine DSS 27/04/24