



NATIONAL OIL SPILL DETECTION AND RESPONSE AGENCY JOINT INVESTIGATION VISIT (JIV) FORM

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

1. Company: SHELL PETROLEUM DEVELOPMENT COMPANY (NIG) LTD
2. Type of Complaint/Incident:
 - ☒ Oil Pollution ☐ Fire/Explosion ☐ Drilling Mud/Chemical Pollution
 - ☐ Others (Specify).....
3. Incident Details
 - i. Date of Incident: 22/12/2013 ii. Date first reported: 23/12/2013
 - iii. Date of first investigation: 24/12/2013
 - iv. Date of follow-up investigation: N/A
 - v. Time investigation started: 5:30 PM
 - vi. Estimated quantity spilled: N/A (NO SPILL OBSERVED)
4. Site Details
 - i. Site/Location: 20' OTUMARA - ESCRAVOS PIPELINE AT UGBEGUNGN
 - ii. Position of Spill/Leak: N05°37'14.4", E005°10'06.8"
 - iii. Spill area
 - ☐ Land ☒ Swamp ☐ Freshwater ☐ Mangrove ☐ Coastline
 - ☐ Nearshore ☐ Offshore ☐ Others (specify).....
 - iv. Structural Controls in Place
 - ☐ Boom ☐ Trenches ☐ Bund wall ☐ Sorbents ☐ Others (specify) N/A
 - v. The state of the spilled oil
 - Fresh ☐ Oil ☐ Weathered ☐ emulsified ☐ others (specify) N/A
5. Circumstances Around Spill Point
 - i. Visual observation of Hole Position
 - ☒ 12 O' Clock ☐ 10 O' Clock ☐ 2 O' Clock ☐ 3 O' Clock
 - ☐ 4 O' Clock ☐ 5 O' Clock ☐ 6 O' Clock
 - ii. Type of Oil contaminant
 - ☐ Crude Oil ☐ Condensate ☐ Chemicals ☐ Refined Products
 - ☐ Others (specify) N/A
 - iii. Facility
 - ☒ Pipeline ☐ Flow line ☐ Wellhead ☐ Manifold ☐ Flow Station ☐ Rig
 - ☐ Storage Tank ☐ Compressor Plant ☐ Others (specify).....
 - iv. Cause Of Spill.
 - ☐ Corrosion ☐ Equipment Failure ☒ Third Party Interference ☐ Accident
 - ☐ Operational Error ☒ Others (specify) 4" WELDON ILLEGAL HOT TAP VALVE
 - v. Visible Sign of Third Party Interference
 - ☐ Hacksaw Marks ☐ Drilled Holes ☐ Blasting ☐ Theft ☐ Acid
 - ☒ Others (specify) 4" WELDON ILLEGAL HOT TAP VALVE (NOT LEAKING)

6. Impact of Incident

i. Properties impacted by the incident

- ☐ Farmland ☐ Fish Pond ☐ Vegetation ☐ Fishing Net ☐ Surface water
☐ Venerable Objects ☐ Others (specify)..... N/A

ii. Nature of impact

- ☐ Oil stained vegetation ☐ Oil stained fishing nets ☐ Dead floating fishes
☐ Dead floating crabs ☐ Withering of vegetation ☐ Others..... N/A

iii. Delineation of impacted area

- ☐ Within Company's facility/ROW ☐ Outside Company's facility/ROW N/A

7. Extent of Impact

a) Community (indicate name)

- i. N/A
 ii. N/A
 iii. N/A
 iv. N/A

b) Land (indicate area in m²)

- i. N/A
 ii. N/A
 iii. N/A
 iv. N/A

b) Creeks/Creek lets ☐ Tidal ☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

c) Swamp ☒ Tidal ☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

d) River ☐ Tidal ☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

e) Shoreline/water

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

8. Photograph/Map/Chart Ref.

- ☒ Still photographs ☐ Video coverage ☐ Mapping

9. Samples taken..... N/A

10. Investigation carried out by

- ☒ Foot ☒ Boat ☐ Aircraft

11. Remarks/Recommendation

IMMEDIATE REPAIR OF THE COMPANT FACILITY AND INCREASED SURVEILLANCE SHOULD BE CARRIED OUT

12. Time investigation ended 6:00 PM

13. Name and Signature of Participants

❖ NOSDRA

1. MIENE BIBOWEI [Signature] 24/12/2013
- 2.
- 3.

❖ DPR

- 1.
- 2.
3. [Signature]

❖ STATE MINISTRY OF ENVIRONMENT (DELTA)

1. Abulce A-J [Signature] 24/12/2013
- 2.
- 3.

❖ LOCAL GOVERNMENT COUNCIL

- 1.
- 2.
3. [Signature]

❖ COMPANY

1. OCHIOLIBA MATTHEW PNPK [Signature] SPDC 24/12/13
2. OLAYAMWEN-E SPDC-SPILL [Signature] 08028258422
3. CHARLES OBIASE SPDC-CFO [Signature] 08076178652
4. Munday Alexander SPDC-Security [Signature] 08070300046 24/12/13
5. JONATHAN OBIASOTAN SPDC-Geomatics [Signature] 08033893952 24/12/13

❖ COMMUNITY

1. CHARLES UDUETIN Rep [Signature] 24/12/2013
2. C [Signature] 08059939863
3. ORLANDO IPEREGBEYI [Signature] 24/12/13
(UGBOROJO)