



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: HERITAGE ENERGY OPERATIONAL SERVICES LIMITED

2. Type of Complaint/Incident:

- ☒ Oil Pollution ☒ Fire/Explosion ☐ Drilling Mud/Chemical Pollution
☐ Others (Specify).....

3. Incident Details

- i. Date of Incident: 21 / 11 / 19 ii. Date first reported: 24 / 11 / 19
iii. Date of first investigation: 25 / 11 / 19 iv. Spill Incident No: HEOSL/2019/109
v. Date of follow-up investigation: / /
vi. Time investigation started: 12.15pm
vii. Estimated quantity spilled(bbls): 30 bbls viii. Quantity Recovered: NONE

Site Details

- i. Site/Location: KOKORI FLARE STACK / BUND WALL @ EKHAIKE
ii. State: DELTA iii. L.G.A: UGHELLI NORTH & ETHIOPE EAST
iv. Spill Co-Ordinates: N(m) 05° 39' 06"
E(m) 006° 04' 11.8"
v. Spill area
☒ Land ☒ Swamp ☐ Freshwater ☐ Mangrove ☐ Coastline
☐ Near shore ☐ Offshore ☒ Others (specify) SEASONAL SWAMP
iv. Structural Controls in Place
☐ Boom ☐ Trenches ☐ Bund wall ☐ Sorbents ☒ Others (specify) NONE

5. Circumstances Around Spill Point

i. Visual observation of Hole Position NOT APPLICABLE

- ☐ 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)

iii. Facility

- ☐ Pipeline ☐ Flow line ☐ Wellhead ☐ Manifold ☐ Flow Station ☐ Rig
☐ Storage Tank ☐ Compressor Plant ☒ Others (specify) FLARE STACK / BUND WALL

iv. Cause of Spill

- ☐ Corrosion ☐ Equipment Failure ☐ Third Party Interference ☐ Accident
☒ Operational Error ☒ Others (specify) FAILED BUND WALL / FLARE STACK

v. Visible Sign of Third Party Interference NOT APPLICABLE

- ☐ Hacksaw Marks ☐ Drilled Holes ☐ Blasting ☐ Theft ☐ Acid
☐ Others (specify)



6. Impact of Incident

i. Properties impacted by the incident

☐ Farmland ☐ Fish Pond ☒ Vegetation ☐ Fishing Net ☒ Surface water

☐ Venerable Objects ☒ Others (specify) PALM TREES, RUBBER TREES
BURNT VEGETATION, SOIL

ii. Nature of impact

☒ Oil stained vegetation ☐ Oil stained fishing nets ☐ Dead floating fishes

☐ Dead floating crabs ☐ Withering of vegetation ☐ Others

iii. Delineation of impacted area

☒ Within Company's facility/ROW ☒ Outside Company's facility/ROW

7. Type of properties/ structures, if any, found outside the right-of-way

☐ Crops ☐ Fish Farm/ Pond ☐ Fishing Net ☐ Makeshift

☐ Permanent ☐ Others

8. Extent of Impact

a) Community (indicate name)

i. Erhoke (v) Egabaka
ii. Atagbughue (vi) Obaro-uku
iii. Erhobaro (vii) Ovara
iv. Eterwia

b) Land (indicate area in m²)

i.
ii.
iii.
iv.

b) Creeks/Creek lets

☒ Tidal ☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
<u>ERHDIKE</u>			
<u>Atagbughue</u>	<u>//</u>	<u>//</u>	<u>//</u>
<u>Erhobaro</u>			

c) Swamp

☒ Tidal ☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
<u>ERHDIKE</u>			
<u>Atagbughue</u>	<u>//</u>	<u>//</u>	<u>//</u>
<u>Erhobaro</u>			

d) River

☐ Tidal ☐ Non-tidal

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

e) Shoreline/water

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

Eterwia
Egabaka
Obaro-uku
Ovara

MAPPED AREA

- (1) $05^{\circ} 38' 35''$ N
 $006^{\circ} 4' 13''$ E
- (2) $05^{\circ} 39' 9''$ N
 $006^{\circ} 4' 14''$ E
- (3) $05^{\circ} 39' 5''$ N
 $006^{\circ} 4' 7''$ E
- (4) $05^{\circ} 39' 5''$ N
 $006^{\circ} 4' 7''$ E
- (5) $05^{\circ} 39' 5''$ N
 $006^{\circ} 4' 5''$ E
- (6) $05^{\circ} 39' 7''$ N
 $006^{\circ} 4' 5''$ E
- (7) $05^{\circ} 39' 6''$
 $006^{\circ} 4' 4''$
- (8) $05^{\circ} 39' 10''$ N
 $006^{\circ} 4' 15''$ E
- (9) $05^{\circ} 39' 11''$ N
 $006^{\circ} 4' 12''$ E
- (10) $05^{\circ} 39' 12''$ N
 $006^{\circ} 4' 9''$ E
- (11) $05^{\circ} 39' 11''$ N
 $006^{\circ} 4' 8''$ E

9. Photograph/Map/Chart Ref.

☒ Still photographs ☐ Video coverage ☒ Mapping

10. Samples taken NONE

11. Investigation carried out by

☒ Foot ☐ Boat ☐ Aircraft

12. Remarks/Recommendation The Company should repair the flare stack and complete the ongoing bund wall installation (ii) Recover the crude oil

(iii) Commence immediate cleanup of the impacted area which should be monitored by NOSDRA (iv) Conduct environmental damage assessment which be driven by NOSDRA

in order to arrive at adequate compensation for the impacted community.

13. Time investigation ended

14. Name and Signature of Participants