



# 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 Ltd
  2. Type of Complaint/Incident:  
☒ Oil Pollution    ☐ Fire/Explosion    ☐ Drilling Mud/Chemical Pollution  
☐ Others (Specify).....
  3. Incident Details  
i. Date of Incident: 17.1.12..18.. ii. Date first reported: 18.1.12..18.....  
iii. Date of first investigation: 17.1.12..19.. iv. Spill Incident No.: HE054/2019/073  
v. Date of follow-up investigation: 25.1.12..19.....  
vi. Time investigation started: 10:00am.....  
vii. Estimated quantity spilled(bbls): 58644 viii. Quantity Recovered: 56666
  4. Site Details  
i. Site/Location: 28° TRANS FORCADOES PIPELINE AT BAYAN  
ii. State: DELTA iii. L.G.A: Warri South West  
iv. Spill Co-Ordinates: N(m) N 05° 33' 46"  
E(m) E 005° 33' 29"  
v. Spill area  
☐ Land    ☒ Swamp    ☐ Freshwater    ☐ Mangrove    ☐ Coastline  
☐ Near shore    ☐ Offshore    ☐ Others (specify).....  
iv. Structural Controls in Place  
☒ Boom    ☐ Trenches    ☐ Bund wall    ☐ Sorbents    ☐ Others (specify).....
- 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).....
  - 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).....
  - v. Visible Sign of Third Party Interference  
☐ Hacksaw Marks    ☐ Drilled Holes    ☐ Blasting    ☐ Theft    ☐ Acid  
☒ Others (specify) N/A



## 6. Impact of Incident

### i Properties impacted by the incident

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

### 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

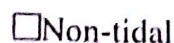
### a) Community (indicate name)

- i. See Attachment  
 ii. ....  
 iii. ....  
 iv. ....

### b) Land (indicate area in m<sup>2</sup>)

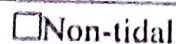
- i. ....  
 ii. ....  
 iii. ....  
 iv. ....

### b) Creeks/Creek lets



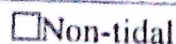
| NAME | DIRECTION OF SLICK | LENGTH OF SLICK | WIDTH OF SLICK |
|------|--------------------|-----------------|----------------|
|      |                    |                 |                |
|      |                    |                 |                |
|      |                    |                 |                |

### c) Swamp



| NAME | DIRECTION OF SLICK | LENGTH OF SLICK | WIDTH OF SLICK |
|------|--------------------|-----------------|----------------|
|      |                    |                 |                |
|      |                    |                 |                |
|      |                    |                 |                |

### d) River



| NAME | DIRECTION OF SLICK | LENGTH OF SLICK | WIDTH OF SLICK |
|------|--------------------|-----------------|----------------|
|      |                    |                 |                |
|      |                    |                 |                |
|      |                    |                 |                |

### e) Shoreline/water

| NAME | DIRECTION OF SLICK | LENGTH OF SLICK | WIDTH OF SLICK |
|------|--------------------|-----------------|----------------|
|      |                    |                 |                |
|      |                    |                 |                |
|      |                    |                 |                |

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 *is Immediate repairs of the facility.....*

*(ii) Damage assessment (iii) Immediate clean up of impacted areas to be monitored by the Agency*

*(iv) Intensify surveillance on the facility.....*