

2023/KAR/941/060



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: NADC

2. Type of Complaint/Incident:

☐ Oil Pollution ☐ Fire/Explosion ☐ Drilling Mud/Chemical Pollution

☒ Others (Specify) GAS INJECTION

3. Incident Details

i. Date of Incident: 02-12-23 ii. Date first reported: 02-12-23

iii. Date of first investigation: 02-12-23

iv. Date of follow-up investigation:

v. Time investigation started:

vi. Estimated quantity spilled:

4. Site Details

i. Site/Location: 8" OBOB - INDRAMANA FUEL GAS DELIVERY LINE @

ii. Position of Spill/Leak: NDS 22' 23.5" FOX 40' 34.7" EBECORO

iii. Spill area

☒ Land ☐ Swamp ☐ Freshwater ☐ Mangrove ☐ Coastline

☐ Near shore ☐ Offshore ☐ Others (Specify)

iv. Structural Controls in Place

☐ Boom ☐ Trenches ☐ Bund Wall ☐ Sorbents ☐ Others (Specify)

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 1-4 O' C LOCK

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) GAS LINE

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)

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 (Specify)

iii. Delineation of Impacted area

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

7. Extent of Impact

(a) Community (Indicate name)

(b) Land (Indicate area in m²)

- i. 1. P. C. (A. R. I.)
 ii.
 iii.
 iv.

(c) Creek/Creek lets

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

(d) Swamp

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

(e) River

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

(f) Shoreline/water

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

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..... *JM Concluded Successfully*

- Repairs ~~should~~ be carried out by indorama team
- Surveillance around the incident point should be improved

12. Time Investigation ended..... *12.55 HRS*

13. Name and Signature of Participants