INCIDENT NO: 2984788 JIV report S/N:0000791

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties)

A. GENERAL INFORMATION:
1. Fountain Incident Number: 2784 788 2. Type of incident*
A. GENERAL INFORMATION: 1. Fountain Incident Number: 2984788 2. Type of incident* OIL SPILL 3. Name of Location DI DIEBU CREEK - NUN RIVER PIPELINE
4. Name of nearest community NANGI-AMA 5. State: BAYELSA 6. LGA SOUTHERN - HAW
7 Production Facility/Installation OIL PIPELINE
B. Asset Owner/Hub THE SHELL PETROLEUM DEVELOPMENT COMPANY OF NIGERIA LIMITED (SPDC)/PIPELINE B. INCIDENT INFORMATION:
9. Details of incident a. Date Reported:
Additional observations around the spill point: APPLICABLE
e. Description of leak point (tick as applicable); Smooth round-edge hole Complete Rupture Inward dent, Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting Flare System/Bund wall failure Valve Failure Cothers (specify)
f. Incident caused by: ☐ Third party interference (Sabotage ☐; crude theft ☐; Line theft ☐; Accidental 3 rd party damage ☐) ☐ Operational ☐ Others (including Mystery spills)

*This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siltation (d) Water Leak (e) Fire (f) Non-leaking theft point removal

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000791

INCIDENT NO: 2984788 JIV report S/N:

	Point Coordinates (*Incidents \leq 100m apart to be aggressuring unit	M4584
	Northing:	Easting:
	4.72221	6.094400
		Z
C. RISK	ASSESSMENT	
10. E	Details of Environment	
i.	Type of environment where spill occurred (selection	et one):
	Land Swamp Water	Seasonal swamp Shoreline/Waterfront
ii.	Type of environment to which oil has spread:	
	Land DSwamp DWaterbody (sp	pecify)
iii.	Weather condition	
	Dry Wet Windy	Hot
11. I	Distance to Sensitive habitat within 100m radius	
	☐ Government reserved and designated protected are ☐ Drinking water source ☐ Surface water ☐ Borehole ☐ Built up Area ☐ Residential Area ☐ Commercial/Industrial A ☐ Farmlands ☐ Fish Farm/Pond ☐ Fishing net ☐ Others (specify)	[,m] NONE SEEM
12. (Containment measures put in place:	
	□Booms □Trench □ Dyke □ Pit □Natura	al depression None
	Others:	
13. /	Any pictures or video coverage?	[N]
14.	Further response/repair initiated as at the time of JIV?	[N]
If yes to ito	em 14, give brief description: AIR ACTIVITIES ONGOING	

INCIDENT NO: 2984788 JIV report S/N: 0000791 IYI IVI 15. Was there any disruption to the investigation? If yes to item 15 give brief description: N APPLICABLE 16. Was JIV delayed? Reason(s): Access constraint due to terrain ☐ Delayed Community Access Approval ☐ Security Challenges Others (specify) D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 17. Structures / Properties Comments Type of Structures Description Size Number S/N 18. Crops/Economic Trees S/N Type of crops Young Quantity Comments Medium Matured 19. Fish/Nets/Ponds S/N Fish/Nets/Ponds Description Quantity/Size Comments 20. Others (Specify) e.g. Animal Traps Others Description Quantity/Size Comments E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the leak point should be contained in the leak report, overview sketch of the site should be added as appendix 1) A SECTION OF 10" DIEBY CREEK-JUN RIVER PROLING AT MANGIAMA SHOWING RUPTURED AREA DUE RUPTURED AREA DUE TO EXTERNAL EXPLOSING IMPACT

A CLEAK POINT)

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INCIDENT NO: 2984788 JIV report S/N: 000791

F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

21.	Impacted area boundary Coordinates (If more, Print and attach as Appendix)	94
	1/192	1) -1

		12/93 84
S/N	Northing	Easting
	4.722248	6.094351
2	4.722203	6.094336
5	4.722127	6.09442
4	4.721908	6.094475
4	4.722 108	6.094669
6	4.722137	6.094785
<u> </u>	4.722144	6.095054
8	4.722131	6.095370
9	4.722270	6.095928
LO	4.722269	6.096088
N	4-722635	6.096061
12	4.722515	6.095327
13	4.722278	6.095022
M	4.722246	6.094692
, ,	200	7
2 12		
1144		
- 15 = 1		

INCIDENT NO: 2984788 JIV report S/N: 0000791

G. INCIDENT INFORMATION:

a.	Impacted	Area	Details	*
			The Constant	

Total calculated area of impact (Ha) 0 · 57 kg

* Round off to 2 decimal places if area is \geq 100 m² or to 4 decimal places if area is \leq 100 m² (e.g. 14.55, 0.0051, 0.0009)

* Express in Hectares (Ha)

b. Volume of oil recovered before completion of JIV (VrecJ):

Recovered oil V_{recJ}:

NIL

Barrels

Controlled recovery/evacuation from source with no impact to environment:

NIL Barrels

c. Net Estimated Spilled Volume VEst (bbls)* = 266-82 BARRELS

Estimated Reported Volume** Vrep(bbls)= 267 BARRELS

*Notes:

Volume estimation was done using an excel based tool (see attached for details on the calculation)

• Reported spilled volume is an estimate

Write other relevant notes taken into consideration for volume estimation or cause of spill:

Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site; Conversion of m^3 to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:

Any spill volume in excess of 1 bbl is rounded up to the next whole number.

Any spill volume in less than 1 bbl is rounded up to the next 0.1 bbl.

Examples: Calculated volume = 15.3 bbl ------ Reported volume = 16 bbl Calculated volume = 0.35 bbl ------ Reported volume = 0.4 bbl

Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl.

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for column estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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Page 5 of 8

INCIDENT NO: 2984788 JIV report S/N: 000791

d	General	Chadana	- 6 4	
u.	General	Status	OII	ne site

i.	Joint investigation of the incident site found that there is no residual impact after the initial response and JIT
	therefore recommend that the site be closed out

ii. Investigation of the incident site showed that there is residual impact on site requiring further works

8

e. Representatives

This report was filled, agreed and signed by the following joint investigation team representatives:

- Department of Petroleum Resources [DPR]: □
- National Oil Spill Detection and Response Agency [NOSDRA]:

 ✓
- State Ministry of Environment [SME]: \(\overline{\pi}\)
- The Shell Petroleum Development Company [SPDC]:
- Separate DPR form has been filled out with same findings □
- Separate NOSDRA form has been filled out with same findings **□**
- Separate SME form has been filled out with same findings

Tick as applicable

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Page 6 of 8

INCIDENT NO: 2984788 JIV report S/N: 0000791

f. Appendix 1: Overview sketch of the site

