INCIDENT NO: 2788229 JIV report S/N:000804

(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: 278822	2. Type of inc	ident* CON DENSED GAS SPIL
3. Name of Location ESTUARY FL	DW STATION	FLARE
4. Name of nearest community OGHULHA	5. State: DELTA	6. LGA BURUTU
7. Production Facility/Installation		
8. Asset Owner/Hub THE SHELL P NIGERIA LIMITED / WE B. INCIDENT INFORMATION:	ETROLEUM EST ASSET.	DEVELOPMENT COMPANY
9. Details of incident a. Date Reported: 2151 NOVEMBE b. Start date/time of Investigation: 151 December c. Investigation End date: 1414 DECEM d. Description of spill point environment	CEMBER, 2020	on site: <u>TWO (2) DAY</u> S
☐Firm soil ☐Loose	soil	Recently excavated area
□Under water □Swam	py	Exposed pipe surface
☐Well Platform (on water) ☐Drill F	• •	□Sand bag(s)
e. Description of leak point (tick as applicable); Smooth round-edge hole	☐Rough-edge hole	Hack saw cut
Smooth round-edge hole	☐Rough-edge hole ☐ Inward dent,	
		☐ Hack saw cut ☐ Well head tampering ☐ Missing Pipeline/Flowline
Smooth round-edge hole Complete Rupture	☐ Inward dent,	Well head tampering
Smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward	☐ Well head tampering ☐ Missing Pipeline/Flowline
Smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent	 □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange, □ Surge vessel overflow,
Smooth round-edge hole Complete Rupture 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	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward	 □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange,
□ Smooth round-edge hole □ Complete Rupture □ 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 □ Tear ()	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent	 □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange, □ Surge vessel overflow,
Smooth round-edge hole Complete Rupture 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 Tear () Others (specify) Incident caused by: Third party interference (Sabotage □; crude	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent ☐ Relief valve failure	 □ Well head tampering □ Missing Pipeline/Flowline □ Third party tampering with Clamp □ Third party tampering with flange, □ Surge vessel overflow, □ Accidental 3rd party equipment impact
Smooth round-edge hole Complete Rupture 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 Tear () Others (specify) Incident caused by: Third party interference (Sabotage □; crude	☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent ☐ Relief valve failure etheft ☐; Line theft ☐; Ac	

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INCIDENT NO: 2788229 JIV report S/N:

		s (*Incidents <u><</u> 10	0m apart to be aggr UG-5 (egated into	one Joint I	nvestigation R	eport)
h. Me	Northing:	LATITU		Easting:	LON	61743	DE
		37626		5.	30=	7996	,,,
C. RISK	ASSESSMENT						
10. E	Details of Environ	ment					
i,	Type of enviro	nment where sp	ill occurred (select	t one):			
	Land	Swamp	Water	Season	al swamp	☐Shoreline/	Waterfront
ii.	Type of enviro	nment to which	oil has spread:				•,
	Land	□Swamp	☑Waterbody (spe	ecify)			
iii.	Weather condi	tion					
	□Dry	□Wet	□Windy	Hot			
11. D	Distance to Sensiti	ve habitat withir	100m radius				
	☐ Drinking water☐ Surface w☐ Built up Area	source ater Borel]]]	,m] ,m]	NONE WITH I	SEEN N THE
	☐ Residentia ☐ Farmlands ☐ Fish Farm/Pond ☐ Fishing net ☐ Others (specify	i ·	nercial/Industrial Area	[[[,m] ,m] ,m]	VICIA	YTI
12. C	ontainment measure	es put in place:					
			Pit Natural d	•	None		
13. A	ny pictures or video	coverage?		[4]	[N]		
14. F	Further response/rep	air initiated as at	the time of JIV?	[Y]	[N]		
If yes to iten	m 14, give brief descri	ption:					
ND	TAP	PLICA	BLE				
						Version	2020/01

INCIDENT NO: 27 88229 JIV report S/N: 00008^4 15. Was there any disruption to the investigation? [Y] [N]If yes to item 15 give brief description: 16. Was JIV delayed? Reason(s): ☐ Delayed Community Access Approval ☐ Security Challenges ☐ Access constraint due to terrain Others (specify) LOG-15TICS CONSTRAINTS. D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 17. Structures / Properties Type of Structures Description Size Number Comments 18. Crops/Economic Trees S/N Type of crops Young Medium Matured Quantity Comments 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) SECTION OF ESTUARY FLOW STATION FLARE SYSTEM STACK SHOWING FAILED FLARE HEAD FLARE-SPILL BURNER PDINT

DPR); Green (NOSDRA); Yellow (State Ministry of Environment);

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Distribution of copies : White (Asset Owner); Pink

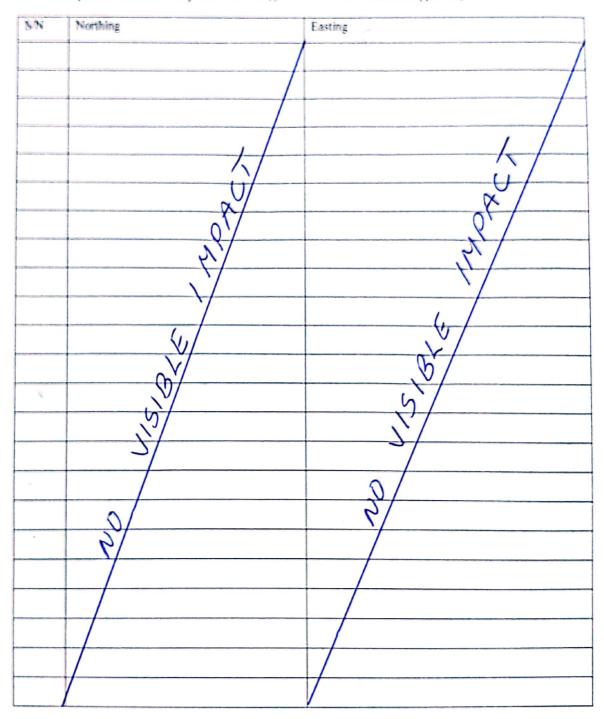
Blue (Host Community)

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

21. Impacted area boundary Coordinates (If more. Print and attach as Appendix)



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	-		
d.	Genera	Status of	the 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

c. Representatives

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

- Host Community: □
- Department of Petroleum Resources [DPR]: □
- National Oil Spill Detection and Response Agency [NOSDRA]:
- State Ministry of Environment [SME]:
- 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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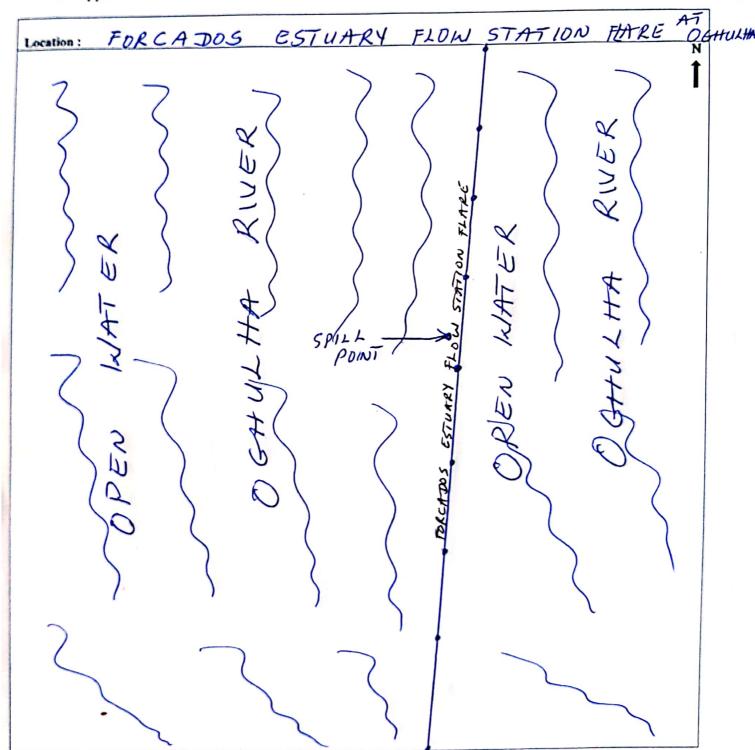
ORMATION:
rea Details *
pact within SPDC R.O.W
Ha)
Recovered oil V _{recJ} : Recovered oil V _{recJ} : N Barrels N Barrels Barrels
ted Spilled Volume V _{Est} (bbls)* =
2 BARREL
d Volume** V _{rep} (bbls)= 2 BARREL
ion was done using an excel based tool.(see attached for details on the calculation) divolume is an estimate to notes taken into consideration for volume estimation or cause of spill: ME ESTIMATION GIVEN BY TEAM.
e estimated volume is to be done on site as far as practicable using the new spill volume estimation software on si is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules: in excess of I bbl is rounded up to the next whole number.

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f. Appendix 1: Overview sketch of the site



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