JOINT INVESTIGATION REPORT FOR	RINCIDENT NO: 1147	733 JIV report S/N:	0484
(Note: As practicable as possible the .			g parties)
A. GENERAL INFORMATION:			
1. Spill incident Number: 1147	733 _{2.Type}	of incident* CTL S?	ill
3. Name of Location 10' bi	EBU CREEK MAI	MFOID - NUM R	LIVER MANIFOLD
4. Name of nearest community Pre-	MABIRI 5. State:	AYELSA. LGA SOU	MEEN TIAN
7. Type of Production facility/Installa	tion OIL PIPCLINE 8.	Asset owner/District <u>P176</u>	tine SMXMP
B. INCIDENT INFORMATION:			
9. Details of incident a. Date of incident: 25 ⁷⁴ N		-11L	
b. Start date/time of investigation			
c. Investigation End date: 2	O'M MARCH, Romatine	estigation duration, days:	HREE DAYS
d. Description of spill point en	vironment		
Firmed soil	Lpose soil	Recently excavated an	rea
☐ Under water	⊠Swampy	Exposed pipe surface	
Well Platform (on Water)		☐Drill Rig	
Additional observations around t	he spill point: THE JOINT	investigating T	Eam observed
Affected section	WITHOUT COATING	G, FLA WITH FL	AT SURFACE
AMS HEAVY TRA	ek mark at t	HE TOP LIND	aLITIMG ENRTAG
WHICH COULD BE	LEAD TO TRAC	K MOVEMENT.	
c. Description of leak point (tie	□ Hack saw cut □ Inward dent, ap valve, □ Failed Clamp inkering) point, ith valve setting, □ Saver-pit over flow, □ Flare System/Bund Failure □ □ co	Tear (25 mm Well head tampering Missing Pipeline/Flow Third party tampering Third party tampering Surge vessel overflow wall failure Accidental com unit failure Col	g with Clamp g with flange, v, 3 rd party equipment
f. Incident caused by:			_,
Third party interference (Sab	ootage□; crude theft□; Line thers (including Mystery smills)		amage⊔)

^{*}This can be: a) Oil Spill b) Drilling fluid/Chemical c) Siltation d) construction e) Encroachment f) Fire,

			_		73 <u>3</u> JIV rep		0484
g. sp		ng unit 🙀	(Mir	M AM	110-867	<u>`\</u>	
	Northing:				Easting:		
	73.	502 65	5		40194	+4.8	8
			720	,	·	70	20.
					Z		
C. RISK	ASSESSME	ENT					
10.	Тур	of environment:					
[Land	□Swamp	□Water	⊠Se	asonal swamp	horeline/Wa	terfront
	і. Туре	of environment to	which oil has s	spread:			
	Land	Swamp	□Water	□Ri	ver (identify)		
	ii. Weatl	ner condition					
	Rain stance from	Sunny the nearest sensiti	□Dry ve habitat	□Wet	₩indy	□Hot	□cool
	Governme Drinking v Built up ar Farmlands Fish Farm Fishing ne Others (spi	rea /Pond t	esignated protec	cted area	[N.L.,m] [NIL.,m] [NIL.,m] [NIL.,m] [YC.,m] [NIL.,m]		
12. Co	ntainment m	neasures put in pla	ce;				
<u> </u>	Booms Others:	Trench	□Dyke	⊠Na	tural depression	□Pít	□None
13. An	ıy pictures oı	video coverage?			[Y] [N]		
14. F	urther respor	ıse/repair initiated	as at the time o	of JIV?	[Y] [N]		
If yes to item	14, give brief	description: Rf	-couer	Kle	CK DH(13	ing,	LEAK
(Source	e) Por				LAMPING		
15. Wa	as there any	disruption to the in			[Y]/[N]		
If yes to iter	m 15 give bri	ief description:	10 (FTE) FRE	eebem -	τ <u>~</u> υγ	ern7e
Fre 1	HG SA	L. N.	axiTie		·		

JOINT INVESTIGATION REPORT FOR INCIDENT NO: 1147733 JIV report S/N: 0484

D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL

16. Structures / Properties

S/N Type of Structures	Description	Size	Number	Comments
NONE WIT	ttri	ARCA	CF (x	PACI

17. Crops/Economic Trees

S/N	Type of crops	Young	Medium	Matured	Quantity	Comments
Y	CHEMIA				FEW	1
<u> </u>	アイミンドライン	\$ '	-		FEW	
~	AM TREE	-			FEU	
<u></u>						1

18. Fish/Nets/Ponds

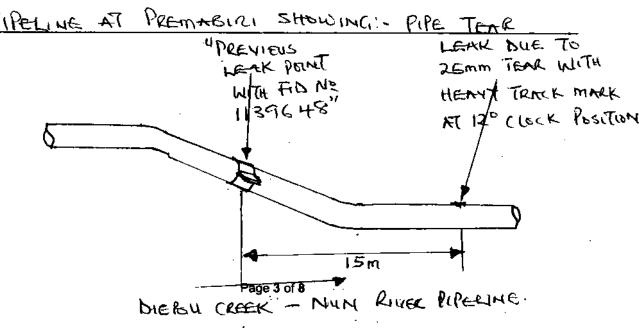
S/N	Fish/Nets/Ponds	Description	Quantity/Size	Comments
X	DNE K	A DEPTH	ZEA C	F. IMPACT
,				

19. Others (Specify) i.e. Animal Traps

S/N	Others	Description	Quantity/Size	Comments	
<u> </u>	<u> </u>				
	DNC	I THIN A	001	7	INDEST
	C14 P	aculin st	RUA	7	14 (470)
		N OF LEAK DOINT Aubile de			

E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in the leak report, overview sketch of the site should be added as an appendix 1)

SECTIONAL VIEW OF 10" DIEBU CREEK MAINIFOR - NUM RIVER MANIFOR



JOINT INVESTIGATION REPORT FOR INCIDENT NO: 114 77 33 JIV report S/N: 0484

F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION 20. Impacted area boundary Coordinates (If more, Print and attach as an appendix)

20. Impacted area b	oundary Coordin	ates (<i>IJ mo</i>	re, Print and	Lattaci	ı as an appenaix)
•	AMMINA)	WILL -	BLIT	1	
	6.411.21.21	11112	- 30 L	<u> </u>	

	(WINNY WIP -	- BG(T)
S/N	Northing (W)	Easting (m)
	73527.21	401954.22
	73 527.26	401938.80
	73 493 67	401877.00
	73 527 · 21 73 527 · 26 73 493 · 67 73 553 · 57	401887.05
	73 441. 52	401887.05
	73 447 . 53	401886.09
	73 441. 52 73 447. 53 73 422. 83	401916.85
	73 404 . 27	401950.71
	73 404 · 27 73 404 · 27 73 382 · 60 73 385 · 66 73 394 · 85 73 407 · 09 73 422 · 49 73 434 · 81	401916·85 401950·71 401996·90
	73385.66	401999.99
	73 394 85	40209.28
	73 407.09	40209.28
	73 422 49	402015.54
	73 434 81	402009.41
	73 462.45	402015.69
		X (201)
		30/03/2014
		3403/2014

ESTIMATION OF OIL SPILL VOLUME

FID 1147733 AT 10" DIEBU CREEK MANIFOLD - NUN RIVER MANIFOLD PIPELINE

Δ	OIL SPILLED ONSHORE/OFFSHORE (Leak stopped at source)	
~	JIL SPICLED UNSRUKE/UFFSRUKE ILBAK SIDDAN AI SUNIVAI	

Impacted Area Details				
Total Calculated Area of In	spaci			15,500.00 m²
i Impact within SPDC R.O.W				m²
ii Impact outside SPDC R.O.M	<i>'</i>			m²
Volume of oil recovered before				
Estimated Recovered oil (Ne	et)			aidd 00.00
Estimated Recovered oil (i	let) V _{sed}			0,00 bbls
Computation of estimated resid	ua) volume on site			
a Computation of volume of	tree phase oil (on land or confined	l water body)		
i Total area occupied by pool	of free phase oil			8,500.00 m²
ii Average depth of pool of free	phase oil			0.002 m
# Emulsification factor (If	applicable, else 0%)			30.000 %
Estimated Volume of pool	of free phase oil V			11,90 m²
				74.85 bbls
Estimated Volume of pool	ot tree priese oil, v _{pool}			74.03 0015
b Computation of estimated	volume of infiltrated oil in the soil	(V _{int})		
1 Volume of Infiltrated oil at	spill point (V _{lef} s)			
i Total area covered by the of	l (înfiltration)			24.00 m²
ii Average depth of infittration	above leaking facility i.e. pipeline/flov	vline		0.300 m
₩ Soil type				Clay
iv P _e (effective porosity of the	soif)			8 %
v Cause of spill				Operational ▼
ui Calculation of days for i	Affitration below the leaking point on p	inatina or floutina	ł	
Incident Date	JIV Date	Days on Site	Í	
25/03/2014 13:40	28/03/2014 14:35	3		
If 'cause of spill' is opera	tional, use 1 week as worst case are 'days on site' exceeds 7,	7		
	Infiltration of oil types in various soil t	vpes vs time.		ך
Soil type	Approximate time to reach		nd level	7
Oil type	Sand	Loam	Clay	7
Bonny Medium	3 weeks	3 years	> 10 years	┥
Bonny Light	2 days	2 months	> 10 years	<u> </u>
				One and Limbs
vii Oil type viii Average depth of infiltration	below leaking facility i.e. pipeline/flox	whine		Bonny Light 0,003 m
ix Total depth below ground si	urface of infiltration of oil			0.302 m
Foot control big forms - 8 (-40)				0.58 m³
Estimated Volume of Infili				
Estimated Volume of Infilt	rated oil, V _{bef a}			3.65 bbls
2 Volume of infiltrated oil at	second spill point [If applicable] (V _{iorn})		
i Total area covered by the o				0.00 m
ii Average depth of infiltration	above leaking facility i.e. pipeline/flo	wkine		
iii <u>Soli type</u>				Clay
IV Pa (effective perceity of the	soil)			8)%
v Average depth of infiltration	below leaking facility i.e. pipeline/flo	wline		0.002 m
vi Totsi depth below ground s	urface of infiltration of oll			0.002 m
F-4244-16-6				
Esumenec volume or imu	trated oil, V _{mrb}			0.00 m ³

Volume of infiltrated oil o				700.00 lm²
i Total Area covered by the			- F	
ii Total Area of the pool of fr	ee phase oil in touch with soil		Ļ	<u>a.oo]mf</u>
i <u>Soil type</u>	_			Clay ▼
\overline{P}_{\bullet} (effective porosity of the	e soil)		l	B %
v Average depth below grou	and surface of Infiltration of oil		ŀ	6.001 m
Estimated Volume of infi	itrated oil, V _{ird.c.}			0.08 m ³
Estimated Volume of infl	strated oil, V _{iere}			0.29 bbls
	_			
Estimated Total Volume	of infiltrated oll, V _{Mf}			0.63 m³
Estimated Total Volume	of infiltrated oll, V _{ief}			3.94 bbls
O-manufather of column	of all on open water based on stands	erd coloration		
i Total area of oil on open v				m²
	oil on water based on coloration		•	
-		Link to Coverage Yisual		
Split Fectors from USCG FOG	(2000 Edition)	<u>Akt</u>	_	[
	Thickness (am)	Percentage coverage (%)	Volume (m3)	
Barely Visible	0.00004		0,0000	
Silvery	Q.00608		0.0000	
Slight Color	0.00015		0.0000	
Bright Color	0.0003		0.0000	
<u>Duli</u>	9.001		0.0000	
<u>Dark</u>	0.002		0.0000	
Black oil	5.1		0.0000	
Emulsion (38% Oil)			0.0000	
	Percent Yotal:	0%	0,0000	
Estimated Volume of ol	on open water, V _{wel} I on open water, V _{wel}			0.00 m ³ 0.00 bbls
Estimated Volume of ol Estimated Volume of ol Iculation of evaporated you	on open water, V _{wel} I on open water, V _{wel}			
Estimated Volume of ol	on open water, V _{wel} I on open water, V _{wel}	SPDC Crude all		
Estimated Volume of ol	on open water, V _{wel} I on open water, V _{wel}		ype Bonny Medium	
Estimated Volume of ol	i on open water, V _{wel} I on o	SPDC Crude all	Bonny Medium	0.00 bbts
Estimated Volume of ol	ion open water, V _{wel} I on open water, V _{wel} Identification water, V _{wel} Identification factors (E-Factor) for the of spilled oil (days on site)	SPDC Crude off Oil to Bonny Light	Bonny Medium 5%	0.00 bbts
Estimated Volume of ol	i on open water, V _{wel} I on o	SPDC Crude off Oil to Bonny Light 10%	Bonny Medium 5% 15%	0.00 bbts
Estimated Volume of ol	ion open water, V _{wel} I on open water, V _{wel} Iden open open water, V _{wel} Iden open water, V _{wel} Iden open open water, V _{wel} Iden open open open open open open open op	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts
Estimated Volume of ol	ion open water, V _{wel} I on open water, V _{wel} Iden open open water, V _{wel} Iden open water, V _{wel} Iden open open water, V _{wel} Iden open open open open open open open op	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts
Estimated Volume of ol	I on open water, V _{wel} I on open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spikled oil (days on site) < 1 day 1.7 days 3/V completion done before JIV date?	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts
Estimated Volume of ol	I on open water, V _{wel} I on open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spikled oil (days on site) < 1 day 1.7 days 3/V completion done before JIV date?	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbls
Estimated Volume of ol	I on open water, V _{wel} I on open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spikled oil (days on site) < 1 day 1.7 days 3/V completion done before JIV date?	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts
Estimated Volume of oliculation of evaporated volume time. Residence time. i Was oil recovery before. ii Estimated volume availa. iii E-factor.	I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spilled oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbls
Estimated Volume of ollowing the light of evaporated volume and the light of the li	I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spilled oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts No 72.79 hbls
Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor	I on open water, V _{wel} Evaporation Factors (E-Factor) for the of spilled oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts No 72.79 hbls
Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor	l on open water, V _{wat} I on open water, V _{wat} I on open water, V _{wat} Evaporation Factors (E-Factor) for: e of spilled oil (days on site) < 1 day 1-7 days > 7 days JIV completion done before JIV date? ble for evaporation yaporated oil, V _{evap}	SPDC Crude off Oil to Bonny Light 10% 25%	Bonny Medium 5% 15%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume time. Residence time i Was oil recovery before if Estimated volume availation. Estimated Volume of evaporated volume of ev	l on open water, V _{wel} l on open water, V _{wel} liume Evaporation Factors (E-Factor) for: the of spilled oil (days on site) < 1 day 1-7 days > 7 days JiV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est}	SPDC Crude off Oil to Bonny Light 10% 25% 40%	Bonny Medium 5% 15%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor Estimated Volume of et Net Total Estimated CALCULATION OF	I on open water, V _{wel} Evaporation Factors (E-Factor) for: e of splited oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A M	SPDC Crude off Oil to Bonny Light 10% 25% 40%	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Residence tim Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor Estimated Volume of et Net Total Estimated CALCULATION OF Builty Gross Production rata	I on open water, V _{wel} Evaporation Factors (E-Factor) for: e of splited oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A M	SPDC Crude off Oil to Bonny Light 10% 25% 40%	Bonny Medium 5% 15%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor Estimated Volume of et Net Total Estimated CALCULATION OF	I on open water, V _{wel} Evaporation Factors (E-Factor) for: e of splited oil (days on site) < 1 day 1.7 days > 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A M	SPDC Crude off Oil to Bonny Light 10% 25% 40%	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume of experimental volume availation Estimated volume of experimental volume of experim	ion open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of splited oil (days on site) 1 day 1-7 days 2 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A VI	SPDC Crude off Oil to Bonny Light 10% 25% 40% FELLHEAD	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Residence tim Residence tim i Was oil recovery before ii Estimated volume availa iii E-factor Estimated Volume of et Net Total Estimated CALCULATION OF Duity Gross Production rata Well Gas-Oi-Ratio	ion open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of splited oil (days on site) 1 day 1-7 days 2 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A VI	SPDC Crude off Oil to Bonny Light 10% 25% 40% FELLHEAD Yes	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume of experimental volume availation Estimated volume of experimental volume of oil production from Average hourty oil flow rate	I on open water, V _{wel} Evaporation Factors (E-Factor) for the of splited oil (days on site) - 1 day - 1-7 days - 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A VI	SPDC Crude off Oil to Bonny Light 10% 25% 40% FELLHEAD Yes	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume of experimental volume availation Estimated volume of experimental volume of oil production from Average hourty oil flow rate	ion open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for the of splited oil (days on site) 1 day 1-7 days 2 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{evap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A VI	SPDC Crude off Oil to Bonny Light 10% 25% 40% FELLHEAD Yes	Bonny Medium 5% 15% 25%	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume of experimental volume availation Estimated volume of experimental volume of oil production from Average hourty oil flow rate	ion open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for: e of splited oil (days on site) < 1 day 1-7 days > 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{eyap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A M (Q): VANIGORY er Cameron Unit (CCU) Activisted	SPDC Crude off Oil to Bonny Light 10% 25% 40% 40% Yes	Bonny Medium 5% 15% 25% bbl/d	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts
Estimated Volume of oliculation of evaporated volume of experimental volume availation Estimated volume of experimental volume of oil production from Avenue hourly oil flow rate Automatic shut down (Cooperimental volume (Cooperimental v	ion open water, V _{wel} I on open water, V _{wel} Evaporation Factors (E-Factor) for: e of splited oil (days on site) < 1 day 1-7 days > 7 days JIV completion done before JIV date? ble for evaporation vaporated oil, V _{eyap} d Spilled Volume, V _{Est} SPILLED VOLUME FROM A M (Q): VANIGORY er Cameron Unit (CCU) Activisted	SPDC Crude off Oil to Bonny Light 10% 25% 40% 40% Yes 09	Bonny Medium 5% 15% 25% bbl/d	0.00 bbts 20.70 bbts 72.79 bbts 26.26 bbts

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G. INCIDENT INFORMATION:		
20. Impacted Area Details		
 Total calculated area of impact 1.55 ha Impact within SPDC R.O.W 1ES Impact outside SPDC R.O.W ND 	- 	
21. Volume of oil recovered before completion of JIV (V _{recJ}):		
Recovered oil V _{rec} :	Barrels	
Controlled recovery/evacuation from source with no impact to environment: Barrels		
22. Net Estimated Spilled Volume V _{Est} (bbls)* =]
105 05 BMRE1S		
Estimated Reported Volume** Vrep(bbls)= 106 BARE(S]
*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 estimating the spilled in the box below: RECOURT MORK OF THE PREVIOUS SPILL STI THERE FORE, THERE IS OVER LAPPING OF IMPACT	IL ENGO	ing ems i
THEREFORE, (HERE IC OVER LAIPING OF IMPLET		
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimate Conversion of m ¹ to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the followin Any spill volume in excess of bbl is rounded up to the next whole number.	tion software on s ig rules:	ile;
 Any spill valume 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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23.	GENERAL	STAT	'US OF	THE	SITE
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A.	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
В.	Investigation of the incident site showed that there is residual impact on site requiring further works

24. REPRESENTATIVES

This re	port was filled, agreed and signed by the following joint investigation representatives:
•	Host Community:
•	Department of Petroleum Resources [DPR]:
•	National Oil Spill Detection and Response Agency [NOSDRA]:
•	State Ministry of Environment [SME]: 5
•	Nigeria Police Force [NPF]:
•	Shell Petroleum Development Company [SPDC]:
•	Signatories agree with reported findings:
•	Separate DPR form has been filled out with same findings
	Tick as applicable

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25. Appendix 1: Overview sketch of the site

