JOINT INVEST	TIGATION REPOR	T FOR INCI	DENT NO: 12	<u>006</u>	<u>るの</u> JIA tebo	ort S/N:	0533
(Note: As	practicable as possib	ole the JIT rep	ort is to be signed	in the fie	eld by all the par	ticipating pa	arties)
A. GENE	RAL INFORMATIO	ON:					•
1. Spill inc	cident Number: 12	700 E8	<u> </u>	.Type of	incident*_5	L SPIL	<u>_</u>
3. Name o	f Location 28"	Bomy	- BENNY	TRA	ANS NIGE	e Pipe	LINE
4. Name o	f nearest community	<u>owok</u>	IRI 5. State	RIVE	6. LGA	AND	<u> </u>
7. Type of	Production facility/I	nstallation 😂	AL APERIN	€_8Ass	set owner/Distric	et PIPEL	INE SWAMP
	ENT INFORMATI						
а. Г	of incident Date of incident: 21 <sup>≤</sup> Start date/time of inve			Dr.J.C.			
	nvestigation End date						
•				al investi	gation duration,	days:   ML	C DA (>
d. I	Description of spill po	oint environme	ent 		,		
[	Firmed soil		Loose soil		Recently exc	avated area	
[	Under water		Swampy		Exposed pip	e surface	
[	Well Platform (on	Water)	•		□Drill Rig		
Addit	ional observations ar	ound the spill	point:				
е. І	Description of leak po	oint (tick as ap	plicable);				
[	Drilled hole		Hack saw cut		Tear (	)	,
	Complete Rupture		☐Inward dent,		☐Well head ta	. •	
	Failed Weld-on illeg				☐Missing Pipe	eline/Flowlin	ie
_	Crude oil theft (ille	-			☐Third party t		-
_	Third party tamper	ing with valve			Third party t		th flange,
_	Corrosión		Saver-pit over		☐Surge vessel		
	☐Bulging Outward		☐Flare System/I				
_	<del>.</del>	Valve Failure	Польтельна		unit failure	□Cold v	ent
L	Relief valve failure		☐Others (specif	y)			
	scident caused by:		,				
	hird party interference				□; Accidental 3	<sup>rd</sup> party dama	ige□)
$\Box c$	Operational	☐Others (in	cluding Mystery s	pills)			•

<sup>\*</sup>This can be: a) Oil Spill b) Drilling fluid/Chemical c) Siltation d) construction e) Encroachment f) Fire,

g. Spill point coordinates  Measuring unit (M)  Northing:  Easting:	_
.	
60 968.63 53 17 75.23	
C. RISK ASSESSMENT	
10. Type of environment:	
☐Land ☑Swamp ☐Water ☐Seasonal swamp ☐Shoreline/Waterfront	
i. Type of environment to which oil has spread:	
□Land □Swamp □Water □River (identify)	
ii. Weather condition	
Rain Sunny Dry Wet Windy DHot Dool 11. Distance from the nearest sensitive habitat	
Government reserved and designated protected area [ ,m] Drinking water source [ ,m] Built up area [ ,m] Farmlands [ ,m] Fish Farm/Pond [ ,m] Fishing net [ ,m] Others (specify). MANGROVE AROUND Im PACTED ARCA.	
12. Containment measures put in place;	
□Booms □Trench □Dyke □Natural depression □Pit □1	None
13. Any pictures or video coverage? [Y] [N]	
14. Further response/repair initiated as at the time of JIV? [ Y] [ N ]	
If yes to item 14, give brief description: REPAIR DONE BY CLAMPI	<u> 19</u>
AND REMOVAL OF THE BUNKERING FITTIN	ૃદ્ધ .
15. Was there any disruption to the investigation? [Y] [N]	
If yes to item 15 give brief description:	
NAT ADDITE	

JOINT INVESTIGATION REPORT FOR INCIDENT NO: 120680 JIV report S/N: 0533

# 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		Comme	nts
1	MONE	Witt	IN	ARE	- A -	5}	[KIPA
	17. Crops/Economic Trees	<u>I-,,-</u> ,					<u> </u>
S/N	Type of crops Young	g	Medium	Matured	Quantity	, ]	Comments
M	DIVE WIT	HIN	AR	AS		XP	NCT.
. 1	18. Fish/Nets/Ponds						
	Fish/Nets/Ponds						

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

S/N Others	Description	Quantity/Size	Comments
Nove	Will A	ARCA	OF IMPACT.
		<del>,</del>	<u> </u>

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)

leak report, overview ske	ch of the site should be added as an appendix 1)
ETIONAL VIEW	OF 28" BOMY - BONNY TRANK MIGER PIRELIN
AT BLOKIRI	SHOW FAILED WELD-ON ILLEGAL HOT VANE.
	LEAK IS DUE TO
	FAILED WELD ON ILLEGAL
	6" BUNKERING FITTING INSTALLED
	AT 120 CLOCK POSITION.
ne** <b>T</b>	
The	128" TMP

JOINT INVESTIGATION REPORT FOR INCIDENT NO: 1200680 JIV report S/N: 0533

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)

Cost	N. d.	MINNA MID-BEL
S/N	Northing (M)	Easting (M)
138	60 974.72	53 19 02 . 98
139	60 934.83	53 17 78. 25
P40	60 916.42	53 17 65. 89
P41	60 916.43	53 17 59. 72
P42	60 928.74	53 17 47, 41
P43	60 980.94	53 17 56. 75
944	60 987.07	53 17 69 . 09
P970	61 026.98	53 17 78.41
1971	60 993 17	53 17 93 . 76
	/	
-		
	•	

#### ESTIMATION OF OIL SPILL VOLUME

Estimated Volume of infiltrated oil,  $V_{hfv}$ Estimated Volume of infiltrated oil,  $V_{hfv}$ 

	FID =1200680 AT 28" BOMU BONNY TRANS NIGER PIPELINE AT OWOKIRI JIV VOLUME CAL REPORT						
1	OIL SPILLED ONSHORE/OFFSHORE (Leak stopped at source)						
ı	mpacted Area Dotalis						
		Total Calculated Area of Impact					
	i Impact within SPDC R.	m²					
	ii Impact outside SPDC R	m²					
4.							
1 3		ofore completion of JIV (V <sub>mc1</sub> )			63.00 bbis		
	i cstimated Recovered o	i Estimated Recovered oil (Net)					
	Estimated Recovered	oil (Net) V					
		the first and			63.00 bbts		
2 0	Computation of estimated	rasidual volume on site					
		e of free phase oil (on land or confine	d water bodyl				
	i Total area occupied by		,		16.00 m²		
	ii Average depth of pool of	f free phase oil			1.200 m		
	iii Emulsification factor	(If applicable, else 0%)			30.000 %		
					<del></del>		
	Estimated Volume of	pool of free phase oil, V <sub>peel</sub>			13.44 m²		
	Estimated Volume of	pool of free phase oil, V <sub>pool</sub>			84.54 bbls		
		·-·					
6		ited volume of infiltrated oil in the soi	I (V <sub>ar</sub> )				
	1 Volume of infiltrated of						
	i Total area covered by the				8.00 m <sup>2</sup>		
	ii Soil type	tion above leaking facility i.e. pipeline/fl	owline		0.500 m		
	iv P <sub>a</sub> (effective porosity of	the soil)			Clay		
	is a famount of polocity at				<u>*************************************</u>		
	v Cause of spill				Third party interference		
					THE PERSON NEED TO BE SEED TO		
	vi Calculation of days for	or infiltration below the leaking point on	oipeline or flawline				
	Incident Date	JIV Date	Days on Site				
	6/21/2014 13:40	6/22/2014 14:35	1				
		erational, use 1 week as worst case					
	scenario except	where 'days on site' exceeds 7.	7				
		Infiltration of oil types in various soil i	tunge ve timo		┑		
	Soil type		T-1	nd level	<b>⊣</b> i		
	Oil type	Sand	Loam	Clay	†		
	Bonny Medium	3 weeks	3 years	> 10 years	1		
	Bonny Light	2 days	2 months	> 10 years			
	vii Oil type		_		Bosny Medium		
	All Walade cebru of Kulifus	tion below leaking facility i.e. pipeline/fk	owline		m		
	iv Total doub below arous	d audoon of influenting of all					
	ix Toras debat nasow Bront	d surface of infiltration of oil			m m		
	FRINKSHAT WARRING AT N	affiltentaci of V.			3 201-3		
	Estimated Volume of the Estima	officeted oil, V <sub>M</sub> .	<del></del>		0.32 m <sup>3</sup>		
	Estimated Volume of in	nffitrated off, V <sub>let e</sub> nffitrated off, V <sub>let e</sub>			0.32 m³ 2,01 bb/s		
	Estimated Volume of it	filtrated oil, V <sub>M</sub> ,	1(Vma)				
	Estimated Volume of in 2 Volume of infiltrated of i Total area covered by the	<i>tfikrated oli, V <sub>lef e</sub></i> ill at second spill point (if applicable le oil (infikration)					
	Estimated Volume of it  2 Volume of infiltrated of i Total area covered by the ii Average depth of infiltrate.	offitrated off, V <sub>infe</sub>			2,01 bbls		
	Estimated Volume of it  2 Volume of infiltrated of i Total area covered by the ii Average depth of infiltratiii Soil type	office the different of the second spill point (if applicable to it (infiltration) the above leaking facility i.e. pipeline/fk			2.01 bbis		
	Estimated Volume of it  2 Volume of infiltrated of i Total area covered by the ii Average depth of infiltrate.	office the different of the second spill point (if applicable to it (infiltration) the above leaking facility i.e. pipeline/fk			2.01 bbls		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the it Average depth of infiltratili Soil type iv Pa (effective porosity of its	iffitrated off, V <sub>Mrs</sub> oil at second spill point (if applicable be oil (infiltration) tion above leaking facility i.e. pipeline/fk	owline		2.01 bbls  m² m Clay %		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the it Average depth of infiltratili Soil type iv Pa (effective porosity of its	office the different of the second spill point (if applicable to it (infiltration) the above leaking facility i.e. pipeline/fk	owline		2.01 bbis		
	Estimated Volume of it  2 Volume of infiltrated of  i Total area covered by th  ii Average depth of infiltrat  iii Soil type  iv Pa (effective porosity of  v Average depth of infiltrat	Aftirated oil, V <sub>M4</sub> All at second spill point [if applicable the oil (infiltration) tion above leaking facility i.e. pipeline/fix the soil)  tion below leaking facility i.e. pipeline/fix	owline		2.01 bbis  m² m Clay  %		
	Estimated Volume of it  2 Volume of infiltrated of  i Total area covered by th  ii Average depth of infiltrat  iii Soil type  iv Pa (effective porosity of  v Average depth of infiltrat	iffitrated off, V <sub>Mrs</sub> oil at second spill point (if applicable be oil (infiltration) tion above leaking facility i.e. pipeline/fk	owline		2.01 bbls  m²  m Clay		
	Estimated Volume of it  2 Volume of infiltrated of  i Total area covered by th  ii Average depth of infiltrat  iii Soil type  iv P <sub>a</sub> (effective porosity of  v Average depth of infiltrat  vi Total depth below groun	Affilirated oil, V <sub>MF</sub> All at second spill point (if applicable the oil (infiltration) tion above leaking facility i.e. pipeline/fix the soil) tion below leaking facility i.e. pipeline/fix d surface of infiltration of oil	owline		2.01 bbis  m² m Clay  96		
	Estimated Volume of it  2 Volume of infiltrated of  i Total area covered by th  ii Average depth of infiltrat  iii Soil type  iv Pa (effective porosity of  v Average depth of infiltrat	iffitrated oif, V into  all at second spill point [if applicable be oil (infiltration) tion above leaking facility i.e. pipeline/flk the soil)  tion below leaking facility i.e. pipeline/flk d surface of infiltration of oil  iffitrated oil, V into	owline		2.01 bbis  m² m Clay  y m  m  cool m²		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the if Average depth of infiltration in Soil type iv P. (effective porosity of a value of the Volume of its Total depth below ground Estimated Volume of its P.	iffitrated oif, V into  all at second spill point [if applicable be oil (infiltration) tion above leaking facility i.e. pipeline/flk the soil)  tion below leaking facility i.e. pipeline/flk d surface of infiltration of oil  iffitrated oil, V into	owline		2.01 bbis  m² m Clay  96		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the if Average depth of infiltratili Soil type iv P. (effective porosity of a variage depth of infiltrative Total depth below ground Estimated Volume of its Estimated Vol	inflirated oil, V intended in the point (if applicable to oil (infiltration) tion above leaking facility i.e., pipeline/fix the soil) tion below leaking facility i.e., pipeline/fix d surface of infiltration of oil infiltrated oil, V into the pipeline oil oil oil infiltrated oil, V into the pipeline oil	wline		2.01 bbis  m² m Clay  y m  m  cool m²		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the if Average depth of infiltratili Soil type iv P. (effective porosity of a variage depth of infiltrative Total depth below ground Estimated Volume of its Estimated Vol	inflirated oil, V Me e  all at second spill point [if applicable ne oil (inflitration) tion above leaking facility i.e. pipeline/fk the soil) tion below leaking facility i.e. pipeline/fk d surface of inflitration of oil inflitrated oil, V Me a  ifflirated oil, V Me a  ifformsed oil outside Immediate apill point(s) re	wline		2.01 bbis  m²  m  Ciay  m  %  m  m  m  0.00 m³  0.00 bbis		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the infiltrated of its Average depth of infiltration in Soil type  iv Pa (effective porosity of it is Volume of infiltrated volume of its Estimated Volume of its Islands Volume of Its Islands Volume of Infiltrated of Its Islands Volume Islands Volume of Its Isl	inflirated oil, V Me e  all at second spill point [if applicable ne oil (inflitration) tion above leaking facility i.e. pipeline/fk the soil) tion below leaking facility i.e. pipeline/fk d surface of inflitration of oil inflitrated oil, V Me a  ifflirated oil, V Me a  ifformsed oil outside Immediate apill point(s) re	wline		2.01 bbis  m²  m  Ciay  %  m  m  m  m  0.00 m³		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the it Average depth of infiltration in Soil type  IV P. (effective porosity of it Volume of infiltration in Total depth below ground the Estimated Volume of it Estimated Volume of it It Total Area covered by the Total Area of the pool of its Soil type	inflirated oil, V intermediate apill point (if applicable to oil (infiltration) it on above leaking facility i.e. pipeline/fix the soil)  tion below leaking facility i.e. pipeline/fix d surface of infiltration of oil infiltrated oil, V intermediate apill point(s) release oil (infiltration) free phase oil in touch with soil	wline		2.01 bbis  m² m fix		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the infiltrated of it Average depth of infiltration in Soil type  iv Pa (effective porosity of it is Volume of infiltration in Total depth below ground the infiltrated volume of it is Volume of infiltrated of it Total Area covered by the it Total Area of the pool of	inflirated oil, V intermediate apill point (if applicable to oil (infiltration) it on above leaking facility i.e. pipeline/fix the soil)  tion below leaking facility i.e. pipeline/fix d surface of infiltration of oil infiltrated oil, V intermediate apill point(s) release oil (infiltration) free phase oil in touch with soil	wline		2.01 bbis  m² m m % % m 0.00 m³ 0.00 bbis  2,976.00 m² 0.00 m²		
	Estimated Volume of it  2 Volume of infiltrated of it Total area covered by the it Average depth of infiltration in Soil type  IV P. (effective porosity of it Volume of infiltration in Total depth below ground the Estimated Volume of it Estimated Volume of it It Total Area covered by the Total Area of the pool of its Soil type	inflirated oil, V intermediate apill point (if applicable to oil (infiltration) it on above leaking facility i.e. pipeline/fix the soil)  tion below leaking facility i.e. pipeline/fix d surface of infiltration of oil infiltrated oil, V intermediate apill point(s) release oil (infiltration) free phase oil in touch with soil	wline		2.01 bbis  m² m m % % m 0.00 m³ 0.00 bbis  2,976.00 m² 0.00 m²		

0.07 m<sup>3</sup>

Estimated Total Volun	ne of infiltrated oil, V <sub>m</sub>			0.39 m <sup>3</sup>
				E-9E DDIE
Computation of volume	e of oil on open water based on stend	tard coloration		
Total area of oil on open	water			m²
Table of average depth :	of oil on water based on coloration			L
		Link to Coverson Visual		
Spill Factors from USCG FOG	(2900 Edition)	Aki Fercennige coverage		_
	Thickness (mm)	(%)	Volume (m3)	
Barely Visible	0.90004		0.0000	51
Silvery	0.00008		0.0000	
Slight Color	0.00013		0.0000	-
Bright Color	0.0003		0.0000	
	0.001		0.0000	<b>i</b>
<u>Dark</u>	0.002		0.0000	5
Slack oil	0.1		0,0000	1
Emulsion (30% Oil)	'		0.0000	
	Percent Total:	0%	0.0000	]
				-
stimated Volume of c	ill on open water, V <sub>wat</sub>			0'00 m <sub>3</sub>
Samuand Aolmus of C	ii on open water, V <sub>wat</sub>			0.00 bbls
lation of evaporated v				
Residence time	e of spilled oil (days on site)	Oil ty	pe-	
	or spined on (days on site)	Bonny Light	Bonny Medium	1
	< 1 day	10%	5%	
	1-7 days	25%	15%	
	>7 days	40%	25%	
Vas cil recovery before	JIV completion done before JIV date?			f "—1
stimated volume availat				Yes 🕡
	no in analysis and in an analysis and an analysis analysis and an analysis analysis and analysis analysis and analysis analysis and analysis analysis			bbls
-factor				<b>***</b>
				^^
stimated Volume of e	vaporated oil, V <sub>evep</sub>			15.35 bbls
let Total Estimated	Spilled Volume, V <sub>5-1</sub>			165.31 bbls
			<del> </del>	8100 100.51
141 AUR A				103.31
	SPILLED VOLUME FROM A WE			100.31 Duis
ally Gross Production rate (C	SPILLED VOLUME FROM A WE		bbVd	100,31 Dilis
ally Gross Production rate (C fell Gas-Of-Ratio	SPILLED VOLUME FROM A WE	<u>-</u>	bbVd	100.31 Duis
elly Gross Production rate (C fell Gas-Of-Ratio fell on Fire	SPILLED VOLUME FROM A WE	Yes	bbVd	100.01 Duis
ally Gross Production rate (C fell Gas-Ol-Ratio fell on Fire atio of Oll production from W	SPILLED VOLUME FROM A WE	Yes		100.01 Duis
ally Gross Production rate (C fell Gas-Oil-Ratio (ell on Fire atio of Oil production from W Verage hourly oil flow rate	SPILLED VOLUME FROM A WE	Yes	bbl/d bbl/hr	100.01 Duis
ally Gross Production rate (C fell Cas - Oil Antio fell on Fire attio of Oil production from W versige hourly oil flow rate utomatic shut down (Cooper	SPILLED VOLUME FROM A WE	Yes 0% 0.0		100.01 Duis
ally Gross Production rate (C fell Gas-Oil-Ratio (ell on Fire atio of Oil production from W Verage hourly oil flow rate	SPILLED VOLUME FROM A WE	Yes		100.01 Duis
ally Gross Production rate (C fell das-OR-Ratio fell on Fire verage hourly of Raw rate stamatic shut down (Cooper scentage of Valve opening	SPILLED VOLUME FROM A WE i: leli(OR)* Cameron Unit (CCU) Activated	Yes 0% 0.0 Yes 1%	bbl/hr	100.01 Duis
ally Gross Production rate (C fell Gas-Oil-Ratio (ell on Fire stitle of Oil production from W /erage hourly oil flaw rate stannatic shut down (Cooper secantage of Valve opening /g Hourly leak to the environ	SPILLED VOLUME FROM A WE i: leli(OR)* Cameron Unit (CCU) Activated	Yes 0% 0.0	bbl/hr	100.01 Duis
ally Groce Production rate (C fell Gas-OR-Ratio (ell on Fire atto of Oil production from W verage hourly oil fluw rate ustomatic shut down (Cooper arcentage of Velve opening vg Hourly leak to the environ tak duration (hours)	SPILLED VOLUME FROM A WE i: leli(OR)* Cameron Unit (CCU) Activated	Yes 0% 0.0 Yes 1% 0.00	bbl/hr	100.01 Dulis
ally Gross Production rate (C eff Gas-Oil-Ratio eff on Fire title of Oil production from W (orage hourly oil fluw rate stamatic shut down (Cooper stamatic shut down (Cooper stantage of Valve opening 13 Hourly leak to the environ	SPILLED VOLUME FROM A WE i: leli(OR)* Cameron Unit (CCU) Activated	Yes 0% 0.0 Yes 1%	bbl/hr	100.01 Dulis

В

	REPORT FOR INCIDENT NO: 1200680 JIV report S/N:	- U5 <b>33</b>
G. INCIDENT INF	ORMATION:	
20. Impacted Are	ea Details	
	A 00 Ha	
	tal calculated area of impact 0.3° Hg.	_
• Im	pact within SPDC R.O.W YES	
• im	pact outside SPDC R.O.W YES	<u> </u>
21. Volume of o	il recovered before completion of JIV (V <sub>recJ</sub> ):	
	Recovered oil V <sub>recJ</sub> : 63	Barrels
Controlled reco	overy/evacuation from source with no impact to environment:	
•	NIL Barrels	
22 No.4 10 -45 4	JOB IV. L. V. ALLY	
22. Net Estimat	ed Spilled Volume V <sub>Est</sub> (bbls)* =	
	165-31 Breezes	
Estimated Deserted	(Volume** V (bble)-	
<b>Estimated Reported</b>	TVOIDINE V republist	
· <u> </u>	166 BURGETZ.	
*Notes:  Volume estima: Reported spille	tion was done using an excel based tool. (see attached for details on the calculation) and volume is an estimate notes taken into consideration for estimating the spilled in the box below:	
*Notes:  Volume estima: Reported spille	tion was done using an excel based tool (see attached for details on the calculation) ed volume is an estimate	
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*Notes:  Volume estima: Reported spille	tion was done using an excel based tool (see attached for details on the calculation) ed volume is an estimate	
*Notes:  Volume estima: Reported spille Write other relevant	tion was done using an excel based tool. (see attached for details on the calculation) ed volume is an estimate notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimated.	ntion software on sit
*Notes:  Volume estima: Reported spille Write other relevant  Calculation of the respect.	tion was done using an excel based tool (see attached for details on the calculation) ed volume is an estimate notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimals is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following the sping the following the sping the following the sping the sping the following the sping the following the sping the following the sping the following the sping the sping the following the sping the following the sping the following the sping the following the sping the sping the following the sping t	ation software on sit ng rules:
*Notes:  Volume estima: Reported spille Write other relevant  Calculation of the respect. Conversion of m³ to barre. Any spill volum	tion was done using an excel based tool (see attached for details on the calculation) ed volume is an estimate notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimated is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following in excess of I bbl is rounded up to the next whole number.	ation software on sit
*Notes:  Volume estima: Reported spille Write other relevant  Calculation of the respect.	tion was done using an excel based tool (see attached for details on the calculation) ed volume is an estimate notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimated is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following in excess of I bbl is rounded up to the next whole number.	ntion software on sit ng rules:
*Notes:  Volume estima: Reported spille Write other relevant  Calculation of the respect. Conversion of m³ to barre. Any spill volum	tion was done using an excel based tool. (see attached for details on the calculation)  If volume is an estimate  notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimated is is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following in excess of I bbl is rounded up to the next whole number.  The in less than I bbl is rounded up to the next (0.1 bbl.)  Calculated volume = 15.3 bbl	dion software on sit ng rules:
*Notes:  Volume estima.  Reported spille  Write other relevant  Calculation of the respect  Conversion of m³ to barre.  Any spill volum  Any spill volum	tion was done using an excel based tool.(see attached for details on the calculation) A volume is an estimate notes taken into consideration for estimating the spilled in the box below:  ive estimated volume is to be done on site as far as practicable using the new spill volume estimated is to Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following in excess of I bbl is rounded up to the next whole number.  ne in less than I bbl is rounded up to the next (0.1 bbl).	ation software on sit ng rules:

column estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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#### 23. GENERAL STATUS OF THE SITE

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 \Sigma

#### 24. REPRESENTATIVES

This report was filled, agreed and signed by the following joint investigation represents	atives:
Host Community:	
Department of Petroleum Resources [DPR]:	
National Oil Spill Detection and Response Agency [NOSDRA]:	
State Ministry of Environment [SME]:	
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

