

FEDERAL MINISTRY OF ENVIRONMENT HYDROCARBON POLLUTION REMEDIATION PROJECT (HYPREP)

HYPREP ACTIVITIES REPORT DECEMBER 2021

P.D. SHEKWOLO

Ag. Project Coordination

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FEDERAL MINISTRY OF ENVIRONMENT

HYDROCARBON POLLUTION REMEDIATION PROJECT (HYPREP) REPORT OF HYPREP ACTIVITIES IN THE MONTH OFDECEMBER 2021

1.0 REMEDIATION WORKS

1.1 STATUS OF ON-GOING REMEDIATION WORKS AT PHASE 1 BATCH 1 SITES.

Five (5) of the twenty-one (21) Lots in Batch 1 are still at different stages of completion of works and expectations of close-out processes. These include Lot 009, 011, 012, 013 and 016.

- Lot 009 and 012 have completed NOSDRA's Certification sampling and are awaiting release of laboratory results by NOSDRA.
- Work is at the final stage of completion at Lot 013.
- Lot 016 had resumed works and is at advanced stage of completion of excavation of impacted soil. Treatment of impacted soil and backfilling of approved segments are also on-going.
- ➤ Lot 011is still inactive but expected to resume in January 2022 to complete their remaining works.



Plate 1.1: Excavation of impacted soil in progress at Lot 016, Buemene Korokoro Well 05, Tai L.G.A. (Contractor: NEWLINE WEST AFRICA LTD)



Plate 1.2: Remediation Site Supervisors from HYPREP Operations Unit and Contractor's Site Personnel examining the on-going excavation works at Lot 016, Buemene Korokoro Well 05, Tai L.G.A.

(Contractor: NEWLINE WEST AFRICA LTD)

Detailed information of remediation work performance status of the outstanding five (5) Lots in Batch 1 is summarized in Table 1.1 below:

S/N	LOT NR.	REMEDIATION CONTRACTOR	SITE NAME/ COMMUNITY	L.G.A.	PERFORMANCE PERCENTAGE (%)
1.	009	Odun Environmental Ltd	Saanako, Mogho	Gokana	98
2.	011	Mosvinny Nig. Ltd	Debon, Bodo / Mogho	Gokana	84
3.	012	Shamsa Resources & Services Ltd	Debon, Bodo / Mogho	Gokana	98
4.	013	Centennial Devt. & Investments Ltd	NweekolZorbuke, K.Dere	Gokana	93
5.	016	Newline West Africa Ltd	Buemene Well 005, Korokoro	Tai	77

Table 1.1: Performance Status of outstanding Sites in Batch 1 Remediation Works.

Detailed information of remediation work performance status of the twenty-one (21) Lots in Phase 1Batch 1 is summarized in Table 1.2 below:

S/N	LOT NR.	REMEDIATION CONTRACTOR	SITE (SITE NAME, COMMUNI TY)	L.G.A.	STATUS	PERFO R- MANCE PERCE N-TAGE (%)
1	001	Nautilus Nigeria Engineering Construction Ltd	Okenta, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
2	002	Basic Nigeria Technology Ltd	Oboolo, Ebubu	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
3	003	Pacrim Engineering Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
4	004	RDK Environmental EcoSolutions Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
5	005	Earthpro Unique Integrated Services Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
6	006	Environmental Resources Managers Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
7	007	Avondale Services and Supplies Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
8	800	Giolee Global Resources Ltd	Nkeleoken, Alode	Eleme	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
9	009	Odun Environmental Ltd	Saanako, Mogho	Gokana	Awaiting laboratory results from NOSDRA Close-out/Certification sampling.	98
10	010	Rey & Reina International Ltd	Debon, Bodo &Mogho	Gokana	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
11	011	Mosvinny Nigeria Ltd	Debon, Bodo &Mogho	Gokana	Expected to concludefinal phase of site works (backfilling) in December 2021.	84
12	012	Shamsa Resources & Services Ltd	Debon, Bodo &Mogho	Gokana	Awaiting laboratory results from NOSDRA Close-out/Certification sampling.	98
13	013	Centennial Development & Investments Ltd	NweekolZor buke, K. Dere	Gokana	Scheduled amongst Lots for NOSDRA Close-out/Certification Sampling in November-December 2021.	93
14	014	Navante Oil & Gas Company Ltd	NweekolZor buke, K. Dere	Gokana	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
15	015	Secura Investments Ltd	Wiieborsi, Kpean	Khana	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
16	016	Newline West Africa Ltd	BuemeneK orokoro Well 5, Korokoro	Tai	Excavation and treatment of impacted soil ongoing.	77
17	017	Tip Tree Inter-Trade Nigeria Ltd	Bara Akpor, Botem	Tai	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
18	018	LouizioniFerreti Ent. Ltd	BuemeneK orokoro	Tai	Completed remediation NOSDRA Close-out/Certification	100

		A۱	erage Work D	one (%)		97.62
	21 LOTS	21 Contractors	9 Sites, 12 Communities	4 L.G.As	16 Lots Close-out, 2 Awaiting Final Recommendations from NOSDRA Close-out Results, 1 Concluding Works for NOSDRA Close-out Sampling, 1 Still Working, 1 Not Active.	2,050
21	021	Newpal Nigeria Ltd	Aabue/Uek enKorokoro Well 6, Korokoro&U eken	Tai	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
20	020	Amazing Environmental Solutions International Ltd	BuemeneK orokoro Well 8, Korokoro	Tai	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100
19	019	Asonic Associates Ltd	BuemeneK orokoro Well 8, Korokoro	Tai	Completed remediation NOSDRA Close-out/Certification Processes successfully.	100

Table 1.2: Details of Status of Lots in Phase 1 Batch 1 HYPREP Remediation Works.

1.2 STATUS OF ON-GOING REMEDIATION WORKS OF PHASE 1 BATCH 2 SITES

Two (2) of the Lots in this Batch have completed the NOSDRA Close-out / Certification processes successfully. These include Lot 042 (Korokoro Well 04 in Tai L.G.A) and Lot 043 (Aleto-Ngofa in Eleme L.G.A).

Active remediation works and NOSDRA Close-out / Certification Sampling have been completed and resultsare still being expected at six (6) of the twenty-nine (29) Lots in Batch 2 of Phase 1 Remediation Works. These include Lot 024 (B.Dere/Gio, Tai L.G.A), Lot 030 (Aabue Korokoro Flow Station, Tai L.G.A., Lot 044 and 045 (Ngofa –Aleto, Eleme L.G.A), Lot 047 (Okuluebu 2, Ogale, Eleme L.G.A) and Lot 056 (Nsioken, Akpajo, Eleme L.G.A).

Six(6) other Lots in Batch 2 have completed active remediation works and are awaiting NOSDRA Close-out/Certification processes planned for January 2022. These are Lots 023, 026, 028, 034, 048 and 054.

Remediation works (excavation and treatment of impacted soil, QA/QC Monitoring of treated soil volumes, backfilling of excavated pits with treated soil, general leveling of site, installation and sampling of remediation groundwater defensive boreholes respectively) are going at different stages at thirteen (13) Lots.

Activities have been stalled by rain floods at the sites for two (2) of the Lots in this Batch. These include Lot 046 (Nsioken) and Lot 057 (New Elelenwa Manifold), both in Apkajo, Eleme L.G.A. The Lots have already completed excavation and treatment of impacted and will be undertaking backfilling of excavated pits once the sites are accessible again. It is expected that this will be feasible in January 2022.

Details of Lots in Batch 2 are presented at a glance in Table 1.3 below:

Lot Numbers	Sites	Status
042, 043 (2 Lots, 2 Sites)	Korokoro Well 4 (Tai L.G.A) and Aleto (Ngofa), Eleme L.G.A respectively (2 Sites).	Completed Remediation Works and NOSDRA Close-out / Certification Processes Successfully.
024;030; 044, 045;047; 056 (6Lots, 5 Sites)	B.Dere / Gio (Gokana/Tai L.G.A), Korokoro Flow Station (Tai L.G.A); Ngofa –Aleto (Eleme L.G.A); Okuluebu 2 (Ajeokpori Well 3), Ogale (Eleme L.G.A) and New Elelenwa Manifold	Awaiting results of NOSDRA Certification and Close out Sampling.
023, 026, 034; 028; 048 and 054 (6 Lots, 4 Sites).	B.Dere/Gio (Gokana/Tai L.G.A); Bara Alue (Tai L.G.A); and Okuluebu 2 (Ajeokpori Well 3), Ogale (Eleme L.G.A) respectively.	Completed Remediation Works, awaiting NOSDRAclose-out / Certification Processes.
022,031, 033; 027;029;050, 053 and 055(8 Lots,Sites).	B.Dere/Gio (Gokana/Tai L.G.A); Bara Alue (Tai L.G.A); Korokoro Flow Station, Tai L.G.A and Okuluebu 2 (Ajeokpori Well 3), Ogale (Eleme L.G.A) respectively.	Nearing completion of Remediation works.
025, 032; 049, 051 and 052 (5 Lots, 2 Sites).	B.Dere / Gio (Gokana/Tai L.G.A) and Okuluebu – Ogale andAkpajo (Eleme L.G.A);	On-goingRemediation and site works at different stages of progress.
046, 057 (2 Lots, 2 Sites)	Nsioken and New Elelenwa Manifold respectively, both sites in Akpajo, Eleme L.G.A.	Completed excavation and treatment of impacted soil, to commence backfilling once current rain floods dry up to access site.

Table 1.3: Works Status of Lots in Batch 2 Remediation Works

Details on Excavation/Earthwork Status at Lots in Batch 2 are presented in Table 1.4 below:

Status of Excavation and Treatment Works	Lot Numbers	Number of Lots	Site(s)
	022, 023, 024, 026, 033, 034		B.Dere/Gio in Gokana/Tai L.G.A.
	028		Bara Alue, Tai L.G.A.
0011015750	030		Korokoro in Tai L.G.A.
COMPLETED	042	24	Korokoro in Tai L.G.A.
	043, 044, 045	21	Aleto (Ngofa),
	046		Nsioken, Akpajo in Eleme L.G.A
	047, 048, 050, 053, 054, 055,		Okuluebu 2 (Ajeokpori Well 3), Ogale, Eleme L.G.A.
	056, 057		New Elelenwa Manifold, Akpajo in Eleme L.G.A.
	025, 031		B.Dere/Gio in Gokana/Tai L.G.A
COMMENCED /	029		AabueKorokoro Flow Station, Korokoro in Tai L.G.A.
ON-GOING	027	7	Bara Alue, Tai L.G.A.
	049,051, 052		Okuluebu, Ogale in Eleme L.G.A.
YET TO COMMENCE	032	1	B.Dere/Gio, Gokana/Tai L.G.A
		29 Lots	



Plate 1.3: Construction of engineered biocell in progress at Lot 032 B.Dere / Gio, Gokana / Tai L.G.A. Remediation Contractor - MOSITO ENVIRON CONSTRUCT LTD



Plate 1.4: Backfilling of excavated pits with treated soil nearing completion at Lot 033 B.Dere / Gio, Gokana / Tai L.G.A. Remediation Contractor - CHRISTOHOUSTON ENERGY LTD

Detailed information of remediation work performance status of Phase 1 Batch 2 sites is summarized in Table 1.5 below:

S/N	LOT NR.	REMEDIATION CONTRACTOR	SITE NAME	L.G.A.	STATUS	PERFOR- MANCE PERCEN- TAGE
1	022	Vitruvian Global Resources Ltd	B. Dere / Gio	Gokana / Tai.	Excavation of impacted soil. Treatment of same for backfilling at advance stage.	68
2	023	Cascade Engineering Systems Ltd	B. Dere / Gio	Gokana / Tai.	Excavation completed. Backfilling at advance stage of completion. Planned for NOSDRA Close-out/Certification Sampling in January 2022.	92
3	024	Levene Energy Dev Ltd	B. Dere / Gio	Gokana / Tai.	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	98
4	025	Subadom Global Resources Ltd	B. Dere / Gio	Gokana / Tai.	Excavation, treatment of impacted soil and backfilling of treated soil in 2 of 3 polygons completed. Last phase work stalled earlier with the relocation of SPDC Pipeline surveillance infrastructure expected to commence to completion in January 2022.	80
5	026	Earthquest Int'l Ltd	B. Dere / Gio	Gokana / Tai.	Completed works. Planned for NOSDRA Close-out/Certification processes in January 2022.	95
6	027	Marm Consulting Services Ltd	Bara Alue	Tai	Excavation completed, treatment of impacted soil and backfilling at advance stage of completion.	87
7	028	EmamedNig Ltd	Bara Alue	Tai	Planned for NOSDRA Close- out/Certification Sampling in January 2022.	95
8	029	Weafri Well Services Ltd	AABUE Korokoro Flow Station (FS)	Tai	Excavation, treatment of impacted soil and backfilling of treated soil.	86
9	030	ElizaxBleetNig Ltd	AABUE Korokoro Flow Station (FS)	Tai	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	97
10	031	Oilserv Ltd	B. Dere / Gio	Gokana / Tai.	Excavation completed, treatment of impacted soil and backfilling of treated soil at advance stage of completion.	89
11	032	Mosito Environmental Ltd	B. Dere / Gio	Gokana / Tai.	To complete construction of engineered biocell and commence excavation of impacted soil in January 2022.	14
12	033	Christohouston Energy Ltd	B. Dere / Gio	Gokana / Tai.	Backfilling of impacted soil nearing completion.	83
13	034	DLK Oil & Gas Ltd	B. Dere / Gio	Gokana / Tai.	Completed works. Planned for NOSDRA Close- out/Certification processes in January 2022 Completed NOSDRA Close	95

14	042	KannyKoy Ltd	Korokor0 W-4	Tai.	Completed NOSDRA Close- out/Certification Processes successfully.	100	
15	043	Otaoilf Services Ltd	Aleto(Ngofa)	Eleme	Completed NOSDRA Close- out/Certification Processes successfully.	100	
16	044	M/S Harrisco Int'l Ltd	Aleto(Ngofa)	Eleme	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	98	
17	045	ChavynNig Ltd	Aleto(Ngofa)	Eleme	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	98	
18	046	Andelsta Ltd	NsiokenAkpaj o	Eleme	Completed excavation and treatment of impacted soil, to commence backfilling once current rain floods dry up to access site.	86	
19	047	Lapideo Multi Services Ltd	Ajeokpori W-3 Okuluebu	Eleme	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	97	
20	048	Slot EngNig Ltd	Ajeokpori W-3 Okuluebu	Eleme	Completed works. Planned for NOSDRA Close-out/Certification Sampling in January 2022.	95	
21	049	Environ Consult &	Ajeokpori W-3	Eleme	Excavation, treatment of	49	
22	050	Remedial Service Ltd KlartekNig Ltd	Okuluebu Ajeokpori W-3 Okuluebu	Eleme	impacted soil. Nearing completion of backfilling.	90	
23	051	ErotinaNig Ltd	Ajeokpori W-3 Okuluebu	Eleme	Excavation, treatment of impacted soil.	48	
24	052	Montego Upstream Services Ltd	Ajeokpori W-3 Okuluebu	Eleme	Excavation, treatment of impacted soil.	36	
25	053	Atlas- Ray & Sons Coy Ltd	Ajeokpori W-3 Okuluebu	Eleme	Excavation completed, treatment and backfilling to be completed in January 2022.	85	
26	054	Brant Technologies Ltd	Ajeokpori W-3 Okuluebu	Eleme	Completed works. Planned for NOSDRA Close-out/Certification Sampling in January 2022.	93	
27	055	ADG Int'l Resources Ltd	Ajeokpori W-3 Okuluebu	Eleme	Excavation of impacted soil completed. Treatment ongoing, backfilling commencing in January 2022.	69	
28	056	Awa Engineering Coy Ltd	New Elelenwa Manifold, Akpajo	Eleme	Awaiting analytical results and recommendations from NOSDRA Close-out/Certification Sampling.	98	
29	057	Integrated Chemical Works Ltd	New Elelenwa Manifold, Akpajo	Eleme	Completed excavation and treatment of impacted soil, to commence backfilling once current rain floods dry up to access site.	87	
29 LOTS							
Average							

SUMMARY OF	Total Monthly Performance Score (TMPS) for December 2021		2,408
PERFORMANCE RATINGS	Average Monthly Performance Score (AMPS) for December 2021		83.03
Performance Ratings from the	previous Month for TMPS & AMPS.	1,957	67.48
Виніц Юненсь Ірныя	Marily (Photocon Japanest - productjus 1995 a 1995)		
Percentage Mo	23.05		
Direction (+/-) of Mo	Positive (+)		

Comment(s) on Percentage Difference in Monthly Performance Ratings: - Appreciable and expected to increase remarkably in January 2022 when more of the Contractors return to site from the end of year / new year breaks, more increase work pace as well as more completing their works towards the end of the month.

Table 1.5: Remediation Works Performance Status of Phase 1 Batch 2 Sites.

1.3 QUALITY ASSURANCE / QUALITY CONTROL (QAQC) MONITORING OF SITES

A series of Quality Assurance / Quality Control (QAQC) monitoring sampling and analyses were undertaken at Lots due for such by the HYPREP Operations Unit QAQC and Remediation Execution Teams in November 2021. Plate 1.4 below shows the activity carried out at Lot 013 while Table 1.6 that follows shows undated overview of the activity across Phase 1 Batch 2 Lots.



Plate 1.5: Quality Assurance / Quality Control (QA/QC) and Remediation Execution Officers from the Operations Unit of HYPREP collecting final lapse of QAQC Monitoring Samples from treated soil volumes with the Contractor representatives at Lot 013 Nweekol Zorbuke – K. Dere, Gokana L.G.A). Remediation Contractor -CENTENNIAL DEVELOPMENT & INVESTMENTLTD.

An overview of HYPREP's Internal Quality Assurance / Quality Control (QAQC) Monitoring processes undertaken at sites in the Phase 1 Batch 2 Remediation Works to date is provided in Table 1.6 below:

		TPH value	es in soil -	TPH value	s in water -	
LOT	REMEDIATION	mg.	/kg,	μ	g/l	
NO.	CONTRACTOR	(Sample	identifier)	(Sample	identifier)	REMARKS
		Local	Int'l Lab	Local	Int'l Lab	
		Lab.	(i2 lab,	Lab.	(i2 lab,	
			Poland)		Poland)	
	PHASE		REMEDIATIO	N PROJECT	LOTS	
		84.57	29.00			
		(BHL09A-	(BHL09A-	n.appl	n.appl	
		3.00)	3.00)			
009	Odun Environmental	61.43	105.00		_	Awaiting release
	Ltd	(BHL09B-	(BHL09B-	n.appl	n.appl	of results
		4.00)	4.00)	25.22	4.00	/Certification by
		106.00	52.00	35.00	<1.00	NOSDRA
		(BHL09C-	(BHL09C-	(BHL09C)	(BHL09C)	
		5.00)	5.00)	45.00	40.00	
		767	<10.00	15.00	18.00	
		(BHL12A- 4.00)	(BHL12A- 4.00)	(BHL12A)	(BHL12A)	
012	Shamsa Services &	268	<10.00			Awaiting release
012	Resources Ltd	(BHL12B-	(BHL12B-	n.appl	n.appl	of results
	Resources Eta	12.00)	12.00)	παρρι	паррі	/Certification by
		198	<10.00			NOSDRA
		(BHL12C-	(BHL12C-	n.appl	n.appl	NOODIVI
		8.00)	8.00)	парр	парр	
	PHASE		REMEDIATIO	N PROJECT	LOTS	
		76.99	396.00	N I KOOLO	2010	
		(BHL42A-	(BHL42A-	n.appl	n.appl	
		0.50)	0.50)			
		22.50	<10.00	7.00	22.00	Awaiting release
042	Kannykoy Ltd	(BHL42B-	(BHL42B-	(BHL42B)	(BHL42B)	of results
		0.50)	0.50)			/Certification by
		23.14	<10.00			NOSDRA
		(BHL42C-	(BHL42C-	n.appl	n.appl	
		10.00)	10.00)			
		50.05	<10.00			
		(BHL43A-	(BHL43A-	n.appl	n.appl	
0.40	0, 11, 0	1.00)	1.00)			6
043	Otaoilf Services Ltd	72.69	<10.00	70.00	980.00	Site is cleared/
		(BHL43B-	(BHL43B-	(BHL43B)	(BHL43B)	Certified Clean
		4.00)	4.00)			by NOSDRA
		44.29	<10.00	n on t	n on t	
		(BHL43C- 4.00)	(BHL43C-	n.appl	n.appl	
		89.67	4.00) 104.10			
		(BHL44A-	(BHL44A-	n.appl	n.appl	
		7.00)	3.00)	παρρι	παρρι	
		72.18	144.00			Awaiting release
044	M/S Harrisco Company	(BHL44B-	(BHL44B-	n.appl	n.appl	of results/
	Ltd	7.00)	7.00)			Certification by
		69.73	92.00	20.00	35.00	NOSDRA
		(BHL44C-	(BHL44C-	(BHL44C)	(BHL44C)	
		7.00)	7.00)			
			,			,

		657.00	450.00			
		(BHL45A-	(BHL45A-	n.appl	n.appl	
		7.00)	7.00)	mappi	таррі	
		188.00	<10.00	13.30	<10.00	Awaiting release
045	Chavyn Nig. Ltd	(BHL45B-	(BHL45B-	(BHL45B)	(BHL45B)	of results/
		5.00)	5.00)		,	Certification by
		281.00	<10.00			NOSDRA
		(BHL45C-	(BHL45C-	n.appl	n.appl	
		20.00)	20.00)			
		713.00	880.00	155.00	92,300.00	
		(BHL47A-	(BHL47A-	(BHL47A)	(BHL47A)	
		0.50)	0.50)			
		335.00	77.00			Awaiting release
047	Lapideo Multi-services	(BHL47B	(BHL47B	n.appl	n.appl	of results/
	Ltd	4.00)	4.00)			Certification by
		156.00	<10.00			NOSDRA
		(BHL47C-	(BHL47C	n.appl	n.appl	
		12.00)	12.00)			
		545.00	560.00	3.26	13,700.00	
		(BHL48A-	(BHL48A	(BHL <i>48</i> A)	(BHL <i>48</i> A)	
		20.00)	20.00)			
		602.00	670.00			NOSDRA
048	Slot Nigeria Ltd	(BHL48B	(BHL48B	n.appl	n.appl	Certification
		20.00)	20.00)			Sampling
		10.24	<10.00	0.07	18.00	
		(BHL56A-	(BHL56A-	(BHL56A)	(BHL56A)	
		20.00)	20.00)			
	_	12.36	47.00			Awaiting release
056	Awa Engineering	(BHL56B-	(BHL56B-	n.appl	n.appl	of results/
	Company Ltd	9.00)	9.00)			Certification by
		0.65	56.00			NOSDRA
		(BHL56C-	(BHL 56 C-	n.appl	n.appl	
		12.00)	12.00)			

Table 1.6: Overview of HYPREP's Internal Quality Assurance / Quality Control (QAQC) Monitoring processes undertaken at sites in the Phase 1 Batch 2 Remediation Projects

* Analyte of concern is primarily Total Petroleum Hydrocarbon (TPH) CWG.

Report is presented for Remediation Contractors who by their contracts, should at the end of their remediation work, install defensive groundwater monitoring wells on and around their remediated area and send a third of the samples collected to an International Laboratory for analysis.

Those Remediation contractors whose work is around areas where a Tier 2 Assessment of the Groundwater had been done previously are not reported in the Table above.

Values in red are those above the threshold value of 600 µg/l in water (DPR Intervention Limit in water).

1.4 CONTINUATION OF BATCH 5 OF NOSDRA CLOSE-OUT / CERTIFICATION SAMPLING

The fifth batch of the regulatory close-out / certification of sites planned for November – December 2021. This batch included some Category N Sites and some Phase 1 Batch 1 & 2 Remediation Sites. It is worthy of note that the Category N Sites are those with insufficient data from the UNEP Assessment which HYPREP had recently undertaken further tiered investigation thereupon and thus requires the Regulator's confirmation of findings therefrom. The process started on 8th November, 2021. The participants included:

- ✓ National Oil Spill Detection and Response Agency (NOSDRA) the Regulator.
- ✓ Rivers State Ministry of Environment and Natural Resources (RMENR)
- ✓ Hydrocarbon Pollution Remediation Project (HYPREP)
- ✓ Social Democracy Network (SDN)
- ✓ HYPREP Remediation Contractors
- ✓ Community Work force
- ✓ Centre for Environment, Human Rights and Development (CEHRD).

S/N.	SITE	UNEP EAO CODE	LOT NUMBER	L.G.A.	CONTRACTOR
1	Okuluebu 2 (SPDC Ajeokpori Well Head 003), Ogale.	005-001	047	Eleme	Lapideo Multi Services Ltd
Total	1 SITE		1 LOT	1 L.G.A.	

Table 1.7: Detailed information on Sites visited during the Batch 5 of NOSDRA Close-out Sampling



Plate 1.6: Collection of soil samples by manual slim hole augering during NOSDRA Close-out / Certification Sampling at Lot 047 -Okuluebu 2 (SPDC Ajeokpori Well Head 003), Ogale, Eleme L.G.A.

(Remediation Contractor: LAPIDEO MULTI SERVICES LTD)

1.5 SUMMARY OF STATUS OF LOTS IN PHASE 1 BATCH 1 & 2 REMEDIATION WORKS

A summary of Status of Lots in Batch 1 and 2 of Phase 1 Remediation Works and NOSDRA Close-out Process on Category N Sites is provided in Table 1.8 below:

SITE STATUS	REMEDIATION PHASE BATCH 1		REMEDIATION PHASE 1 BATCH 2		SUB-	CATEGORY	GRAND	
	NUMBER OF LOTS	LOT NUMBERS	NUMBER OF LOTS	LOT NUMBERS*	TOTAL	N SITES	TOTAL	
NOSDRA Close-out completed successfully	16	001-008, 010, 014, 015, 017 - 021	2	042, 043	18	0	18	
Awaiting NOSDRA Close-out Results	2	009, 012	6	024, 030, 044, 045, 047, 056	8	9	17	
Planned for NOSDRA Close-out Sampling in January 2022.	1	13	6	023, 026, 028, 034, 048, 054	7	4	11	
Still Working	1	16	13	022, 025, 027, 029, 031 - 033, 049, 050, 051 - 053, 055	14	0	14	
Not active	1	11	0	-	1	0	1	
Still under rain floods	0	-	2	046, 057	2	0	2	
Total Number of Lots	21		29		50	13	63	
Total Monthly Performance Score (%)	2,044.00		2,378.00		4,422.00			
Average Monthly Performance Score (%)	97.33		82.00		88.44			

^{*}Lot Numbers 035 – 041 were allocated to Tier 2 Detailed Quantitative Risk Assessment Works.

Table 1.8: Summary of Status of Lots in Phase 1 Batch 1 & 2 Remediation Works and

1.6 SHORE-LINE CLEAN-UP ASSESSMENT TECHNIQUE (SCAT) AND MANGROVES RESTORATION TRAINING FOR SELECTED COMMUNITY NOMINEE AND OTHER STAKEHOLDERS

To build capacity of staff and youths from the host communities that will participate in the coastal shoreline clean-up and mangroves restoration in Ogoniland, HYPREP organized training sessions on Shore-line Clean-up Assessment Technique (SCAT) and Mangrove Restoration in Bori, Khana LGA. A total number of Eighty-Six (86) persons were trained comprising nominees from twenty-five (25) communities in Ogoniland, staff members of National Oil Spill Detection and Respond Agency (NOSDRA), Rivers State Ministry of Environment (RME), Stakeholders Democracy Network (SDN), Centre for Environment Human Right and Development (CEHRD), Society for Women and Youth Affairs (SWYA), KAGOTE and Hydrocarbon Pollution Remediation Project (HYPREP).

The first day of the training was on building the capacity of community nominees and other stakeholders on the concept of SCAT and Mangroves Restoration in Ogoniland. Participants were taught on topics such as, where is SCAT used, delineation of project area, Field assessment-different type of SCAT, SCAT verification, SCAT form completion, Data management& sharing and roles of community representatives in the SCAT team.

The training methodology was interactive as the Trainers ensured that knowledge was not only disseminated but accurately perceived and understood by the participants by engaging participants in discussions and kept the forum open for feedback, queries and suggestions. Training material such as, power point presentations, sample of SCAT form and pictures of shoreline clean-up were used.

Personal Protective Equipment (PPEs), T-shirts and face caps were distributed to the participants on the second day of the training. The PPEs include a pair of rain boots and disposable Tyvek suit, while the third day was dedicated to field work. Participants were engaged in the practical aspect of the training which was the assessment of hydrocarbon polluted areas around the Bodo creek, filling of SCAT form, dogging of holes to assess pit oiling, giving the opportunity to identified different types of algae, how to differentiate between worked and unworked areas, visit to active shoreline remediation grids, illegal refining and mangroves nursery sites and a boat tour around the entire one thousand hectares where active work has taken place.

RESOURCE PERSONS

The Resource Persons at the training comprised four external experts from the Bodo Mediation Initiative (BMI). Below is a brief description of the Trainers and their Sessions conducted:

SN	Name	Designation	Session Title
1	Dr. Erich Gundlang	Project Coordinator, Bodo Mediation Initiative	Introduction of participants, SCAT criteria, Delineation of work area and field assessment
2	Nicolas Story	SCAT leader: Bodo Mediation Initiative	Document management, Form completion and Data sharing
3	Peter Lenu	Assistance SCAT leader, Bodo Mediation Initiative	Field training
4	BaritorLezabbey	Com. Coordinator, Bodo Mediation Initiative	Snaping of photos and, controlling power points, logistic and Rapporteur

In Class Training Sessions



Field Training Sessions



2.0 PROVISION OF POTABLE WATER

In our effort to providing potable water in Ogoniland, our contractors have continued to show commitment to their work. The Potable Water Sub-unit has also continued the supervision and monitoring of work on all the sites.

Within the reporting month, the Sub–unit alongside the Team Lead Supervision from the Rivers State Ministry of Water Resources and Rural Development, Mrs. Wilcox paid a courtesy visit to Eleme Local Government Area Chairman, Hon. Obarilomate Ollor in his office. The Joint Monitoring team solicited for the support of the Chairman in ensuring that people who have built on water line right of ways remove their properties for reticulations to commenced. The Chairman assured the team of his support and promised to convene a meeting with all community chiefs and youth leaders to ensured that the HYPREP contractors operating in his local government area enjoy the maximum support of his people without any hindrance.



HYPREP, Rivers State Ministry of Water Resources officials and the Contractor with the Eleme Local Government Chairman. Hon Olomate

2.1 **PROGRESS OF WORK AT DIFFERENT LOTS**

Works at all the lots have continued to progress steadily according to standards. Below are updates from the different water sites:

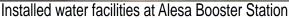
2.1.1 Lot 1: Alesa Eleme LGA

The Contractor within the month completed a lot of his work, which includes complete rehabilitation of 350kva generator, transformer, borehole installation and pump testing, pump panel, service quarter, reinjection reservoir, rehabilitation of ozone generator and dossing pumps, rehabilitation of staff quarter, back wash pumps. The headwork has been rehabilitated and is ready for water supply to the community. Repair work is ongoing on the distribution network. The extension to other communities is ongoing.

Other works completed by the contractor include the reconstruction of Agbonchia booster station that was vandalized and the Alesa 2 booster station. Water supply to Alesa, Alode, Agbonchia and part of Ogale communities commenced within the month. Efforts are on to ensured that Aleto community gets water before the end of the month.

S/N	Activity	Status	Remark
1.	Rehabilitation work on Alesa	100%	Completed
	headwork.		
2.	Rehabilitation work on Alesa2	100% completion	Completed
	booster station		
3.	Rehabilitation of Agbonchia booster	100% completion	
	station		Completed
4.	Repair of burst pipes and fetching	95% completed	Completed
	points.		
5.	Extension of distribution network		Ongoing.
6	Setting up the laboratory for water		Completed
	quality test.		







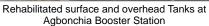




Water fetching point at Alesa

Installed 80KVA Generator at Alesa







Installed 80KVA Generator at Agbonchia

2.1.2 Lot 2: Ebubu/Nsissioken/Ogale, Eleme LGA

The Contractor Duliz Dredging Nigeria Ltd. has completed boreholes 1,2 and 3 at Ebubu and work is ongoing on the service quarter, treatment house and the Booster Station at Ogale. The foundation for ground tank is also completed.

S/N	ACTIVITIES	COMPLETION STATUS	RECOMMENDATION S/REMARKS
1	Continuation of demolition of structures and evacuation of waste from the project site. Foundation blinding and fencing of project site. Procurement and deployment of porta cabin to project site.	Completed	Nil
2	Constructions of staff quarters	90% completion	Ongoing
3	Drilling of borehole 1,2 and 3	100%	Completion
4	Construction of ground tank foundation	100%	Completed
5	Construction of treatment plant house	90% completion	Ongoing



Constructed and installed Overhead tank at Ebubu



Rehabilitated Ogale Booster Station

S/N	ACTIVITIES	COMPLETION STATUS	RECOMMENDATIO NS/REMARKS
1	Rehabilitation of terrabo headwork	60% completion	Ongoing
2	Construction of biara booster station	60%Completion	Ongoing.
3	Pipe laying /distribution network	30%	Not started.
4	Overhead tank foundation at booster station	100%	Ongoing
5	Ground tank foundation at booster station	100%	Ongoing.
6	Fencing at booster station	80%	Ongoing
7	Pump house and generator house construction.	80%	Ongoing.
8	Installation of ground tank at Terabo	100%	completed

2.1.3 Lot 3: Terabo Gokana LGA

El-sunnic Integrated Resources Nig. Ltd. has completed the rehabilitation of the service quarter, drilling of one number borehole, completed the construction of ground tank, services of the two-100kva generator. He has also completed the rehabilitation of the existing 3 number boreholes and the installation of transformer is completed. Rehabilitation of the treatment house is ongoing; Work has commenced on the Biara booster station.



Completed Surface and Overhead Tanks at Terabo



Overhead and Ground Tanks Foundation works at Biara

2.1.4 Lot 4: Barako/B-Dere/K-DereGokana LGA

Geoquest has mobilized and cleared site at B-Dere, carried out fencing work at Barako. He has commenced work on the installation of overhead tank, ground tank, Staff quarter and treatment. The Contractor has completed drilling of boreholes at B-dere, while work is ongoing on staff quarter and the treatment house.





Constructed and installed Overhead and Ground Tanks at Barako



GRAND TANK FOUNDATION AT B- DERE

2.1.5 Lot 5: Korokoro/Nonwa Tai LGA

The Contractor has returned to the site at Nonwaand commenced work on staff quarter. He has also commenced work on the installation of elevated and groundwater tanks at Korokoro.

S/N	ACTIVITIES	COMPLETION STATUS	RECOMMENDATION S/REMARKS
1	Geotechnical survey	Completed	Nil
2	Fencing	Ongoing	Nil
3	Drilling of borehole	Completed	
4	Surveying for flow network analysis	Completed	
5	Construction of staff quarter at Korokoro	Ongoing	
6	Construction of generator house at	Ongoing	
	Korokoro		
7	Construction of ground tank at Korokoro	Ongoing	
8	Construction of overhead tank at Nonwa	Ongoing	

The Contractor has returned to the site at Nonwa and commenced work on staff quarter. He has also commenced work on the installation of elevated and groundwater tanks at Korokoro.





Staff Quarters construction works at Korokoro and Nonwa sites ongoing



Overhead Tank at Nonwa

2.1.6 Lot 6: Bori/Kpean Khana LGA

Geokooye Nig. Ltd has completed drilling of three boreholes, one at Bori and two atKpean. He has commenced fencing of the site at Kpean and the construction of treatment plant house at Bori.

Construction of staff quarter and the treatment house is ongoing. The company has also completed the construction of ground and overhead tanks foundation at Bori and Kpean.

S/N	Activities Status	Completion Status	Remark
1	Geophysical survey	Completed	
2	Borehole 1,2and 3	Completed	
3	Construction of ground tank foundation at Bori/Kpean	Completed	
4	Integrity test on overhead tank	Completed	
5	Site office	Completed	
6	Perimeter fence	Ongoing	
7	Construction of staff quarter at Kpean	Ongoing	
8	Construction of treatment house	Ongoing	



Ongoing construction of pump house and Ground Tank Foundation at Bori



Construction of Treatment House and Ground water Tank at Kpean ongoing

2.1.7 SUMMARY OF ACTIVITIES FOR LOTs 1-6

LOT NO.	CONTRACTOR	LOCATION	ACTIVITIES	STATUS OF COMPLETION	REMARK
1	Cobef Int. Itd	Alesa Headwork	Rehabilitation of Alesa water scheme. Head work	95%	
		Alesa 1	Rehabilitation of Alesa booster station	100%	
		Agbonchia booster station		100%	

LOT NO.	CONTRACTOR	LOCATION	ACTIVITIES	STATUS OF COMPLETION	REMARK
2	DulizDredging Nig Itd	Ogale/Nsiss ioken Headwork	Construction of Ogale headwork.	10%	
		Ogale booster station	Rehabilitaion of Ogale booster station.	90%	
		Ebubu Head Work.	Rehabilitation of Ebubu water scheme.	60%	
3	El-sunnicNig ltd	Terrabo headwork	Rehabilitation on Terrabo water scheme	65%	
		Booster station	Construction of booster station at Biara	60%	
4	QeoquestIntegr ated Resources	Barako	Construction of water scheme	75%	
		B-dere	Construction of B-dere water scheme	60%	
5	AskellanNig.ltd	Korokoro	Construction of Korokoro water scheme	60%	
		Nonwa	Construction of Korokoro water scheme	50%	
6	GeokoydeNigLt d	Bori	Rehabilitation of Bori water scheme	55%	
		Kpean	Construction of Kpean water scheme	55%	

3.0 LIVELIHOOD

Among the major activities carried out by the Livelihood Unit in the month of December include administration of needs assessment forms across the four (4) LGAs of Ogoni and monitoring of cooperative activities.

3.1 ADMINISTRATION OF NEEDS ASSESSMENT FORMS ACROSS THE FOUR (4) LGAs OF OGONI

On Tuesday 14th December 2021, the Project Coordination Office (PCO) commenced the distribution of the Five thousand (5000) needs assessment forms. The forms were administered to beneficiaries from the Ogoni communities by Non-Governmental Organizations (NGOS) engaged by the PCO using Lucky dip process. This selection method (lucky dip) was used to encourage community participation and transparency. Going forward, HYPREP proposes to use data generated and analysed from the Needs Assessment to plan appropriate programmes for the Ogoni people.





Lucky Dip Process at Eleme Local Government Council

3.2 MONITORING OF COOPERATIVE ACTIVITIES

The Cooperatives have continued to make progress with sales and restocking of their farms. In the month of December 2021, Kilsi Cooperative in Gokana LGA notified the Livelihood Unit of the availability of large number of Christmas birds for sale.



3.3 Training on Data Entry for completed Needs Assessment Forms

The United Nations Environmental Programme (UNEP) carried out a training on data entry for selected staff from the Livelihood, Communications and Monitoring and Evaluation Units. The training was conducted to provide the staff the necessary skills needed in data entry in order to ensure proper capturing of data from the needs assessment process.

3.4 KEY ACCOMPLISHMENTS FOR DECEMBER 2021

- 1. Administration of Needs Assessment forms across the four (4) LGAs of Ogoni.
- 2. Monitoring of cooperative activities.
- 3. Training on Data Entry for completed Needs Assessment Forms.

3.5 Livelihood Training of 400 women in Agri-Business Performance Dashboard

S/N	Activity Description	Performance Status (%)	Rating	Remark	
	Training of 400 women in Agri-Business.	Overal	l progress	s - 99%	
1	Phase 1	30		Completed	
1.1	Classroom Training at Songhai Farm	20		Completed	
1.2	Practical Training at Songhai Demonstration	10		Completed	
2	Phase 2	69		Completed	
2.1	Cooperative set-up and Registration	10		Completed	
2.2	Civics Training	10		Completed	
2.3	Starter Pack/Stock Distribution (Crops, Birds & Fingerlings) to Cooperatives	10		Completed	
2.4	Assessment of Cooperatives by Funding Institutions	9		Completed	
2.5	Hands-on Training at the Cooperative Farms	30		Completed	
Lege	Legend In Progress Completed Delayed Yet to commence				

3.6 Cumulative Performance Progress Review

S/N	Progress status	Percentage (%)
1	Progress status in current month (December 2021)	99
2	Progress status in previous month (November 2021)	99
3	Progress difference	0

3.7 Livelihood Needs Assessment Study Performance Dashboard

S/N	Activity Description	Weight	Performance Status (%)	Rating	Remark	
Needs Assessment Study		Overall Progress 52%				
1	Development, approval, and provision of Needs Assessment Questionnaires	10	10		Completed	
2	Pre-field activities (Training on how to administer the questionnaire) (PFA)	5	5		In progress	
3	Community Entry Engagement (CCE)	5	5		Completed	
4	Field activities (Administration of questionnaires) (AQ)	30	25		In progress	
5	Data collation and analysis (DCA)	40	7		In progress	
6	Report Writing (RW)	10	0		Yet to commence	
		100	52		Total	
Lege	Legend In Progress Completed Delayed Yet to commence					

3.8 Cumulative Performance Progress Review

S/N	Progress status	Percentage (%)
1	Progress status in current month (December 2021)	52
2	Progress status in previous month (November 2021)	20
3	Progress difference	32

4.0 PROCUREMENT

In the month of December 2021, the Procurement Unit carried out three major activities as listed below:

 Bid opening for the prequalification of contractors for the construction of 14 new water schemes in Ogoniland,



I. Technical bid evaluation for the prequalification of contractors for the 14 new water schemes in Ogoniland and Financial bids opening of Short-listed companies for goods and works.



5.0 ADMINISTRATION

On Friday, December 17th, 2021, the Project Coordination Office was immersed in the spirit of festivities as the Project organised its 3rd Annual End-of-year get-together party for members of Staff and management of the project. Coordinated by Admin Unit of the Project, the party was a platform for staff to unwind after a busy year of activities and reflect on the journey so far on the project. Opportunities were given to upcoming talents in Ogoni to showcase their talents in music, comedy and cultural display.



The Ag. Project Coordinator, Prof. Philip Shekwolo in his address urged staff to remain committed in the discharge of their duties, imbibe the spirit of 'Enterprise First' before selfand continue to work together as members of one family; adding that by so doing "together we shall reach the promise land of cleaned Ogoni". He wished everyone a happy Christmas celebration and prosperous year 2022; thereafter, Heads of Units took turnsand

wished the staff a happy holiday season.

Lovely Christmas Carol songs were sung by HYPREP's beautiful choir. HYOREP CHOIR



HYPREP CHOIR

The party was fully attended by Management and Staff of HYPREP.



Management Staff with SPDC Rep



Group photograph of Management and Staff

6.0 ENGAGEMENT WITH STAKEHOLDERS

6.1 SUSTAINABLE LIVELIHOOD: PROF SHEKWOLO MAKES CASE FOR TRANSFORMATION OF THE MIND AT A YOUTH FORUM

The Ag. Project Coordinator of the Hydrocarbon Pollution Remediation Project (HYPREP), Prof. Philip Shekwolo says transformation of the mind is a key factor in taking youths off crimes and other unwholesome practices that hinder development of society and wellbeing of the environment.

Prof.Shekwolo stated this at the 10th Graduation Ceremony of the Youth Rescue International Development Organization held in Port Harcourt. The organization is into identifying, training, transforming, and reintegrating into society, youths who are into cultism, drug abuse and other social vices.

Prof.Shekwolo said he was pleased with identifying with the Youth Rescue International Development Organization which has as its marching words, rescued to rescue others, because the organization's mandate is similar to that of HYPREP which is out to give youths a new lease of new through sustainable livelihood trainings as a way of moving them from illegal oil bunkering and refining and drugs that devastate the environment and endanger their lives.



"No matter what you do if the mind is not transformed the result will never be sustainable. We in HYPREP are into cleaning the environment and your organization is doing something similar. You are cleaning the heart. So, when the heart is clean, and the environment is clean everything will work together for our good. We want to see to it that you are gainfully employed and by the grace of God we will succeed because not thing is too

hard for God to do. So behavioural change is key. When that light comes in, it opens the opportunity of prosperity and growth, because when you are transformed you will not be greedy and selfish again."

The Executive Director of Youth Rescue International Development Organization, Nature DumaleKieghe while giving his charge to the graduating youths urged them never to return to cultism and drugs but exhibit character that shows that they have turned from their

previous way of crime and disgrace.

Present at the event were officials from the Presidential Amnesty Programme and the National Drug Law Enforcement Agency who made presentations on drugs and their effects on society. The Ag. Project Coordinator, HYPREP, Prof.Shekwolo was accompanied to the event by the Head of Communications and Community Engagement Unit, Isa Wasaand Joseph KpoabriNafo,Information Officer of the Media Sub-unit.



High point of the ceremony was the

presentation of a handbook for the training of repentant cultists and drug users entitled, 'The Game that Kills', which was officially dedicated and launched by Prof. Philip Shekwolo.

A total of twelve students passed out in the tenth graduation ceremony of the organization.





350 Aba Road, Port Harcourt
www.hyprep.gov.ng, info@hyprep.gov.ng
@HYPREPNigeria Hydrocarbon Pollution Remediation Project (@HYPREPNigeria)
hyprep_nigeria Hydrocarbon Pollution Remediation Project

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