



### Appendix 2

**Table 6:** The results of seasonal variation of total explosive contents in various locations of NASA shooting range Kachia and see graphical narratives  
NB: TNT-2, 4, 6-Tri-nitrotohiencie; Royal Demolition Explosive (RDX)-1,3,5 frinitro-1,3,5- trazinanze;  
HMX-1,3,5 tetranitor 1,3,5-tetrazocalne, High Melting Explosion - BDL (Below Detectable Level).

**Table 6a:** Mean Seasonal Variation of Total Explosives Concentration in Various locations of NDA Shooting Range Kachia, Kaduna State ug Kg-1) (Wet season).

				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Wet	Zero M	L1	0-30	2.96	10.39	0.38	BDL
Wet	Zero M	L2	0-30	2.1	7.12	BDL	BDL
Wet	Zero M	L3	0-30	26.6	2.96	15.33	BDL
Wet	Zero M	L4	0-30	1.34	2.21	7.42	2.07
				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Wet	200 M	L1	0-30	0.12	1.43	0.449	0.17
Wet	200 M	L2	0-30	BDL	6.31	BDL	BDL
Wet	200 M	L3	0-30	BDL	BDL	19.9	BDL
Wet	200 M	L4	0-30	0.19	BDL	BDL	1.39
				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Wet	400 M	L1	0-30	BDL	12.4	0.67	1.15
Wet	400 M	L2	0-30	BDL	6.11	BDL	7.12
Wet	400 M	L3	0-30	0.39	BDL	11.8	BDL
Wet	400 M	L4	0-30	BDL	BDL	12.73	0.71

**Table 6b:** Mean Seasonal Variation of Total Explosives Concentration in Various locations of NDA Shooting Range Kachia, Kaduna State ug Kg-1) (Dry season).

				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Dry	Zero M	L1	0-30	10.29	17.6	16.13	2.93
Dry	Zero M	L2	0-30	1.14	19.88	22.61	0.39
Dry	Zero M	L3	0-30	16.31	33.07	23.14	BDL
Dry	Zero M	L4	0-30	49.39	35.67	68.19	1.6
				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Dry	200 M	L1	0-30	0.11	1.6	15.11	BDL
Dry	200 M	L2	0-30	0.13	13.31	2.69	BDL
Dry	200 M	L3	0-30	2.05	BDL	BDL	BDL
Dry	200 M	L4	0-30	1.79	2.97	1.08	BDL
				Explosives µg Kg-1			
Season	Distance Meter (M)	Sites	Depth (Cm)	TNT µg Kg-1	HMX µg Kg-1	RDX µg Kg-1	PETN µg Kg-1
Dry	400 M	L1	0-30	BDL	0.39	BDL	BDL
Dry	400 M	L2	0-30	2.16	BDL	BDL	BDL
Dry	400 M	L3	0-30	0.15	BDL	2.38	BDL
Dry	400 M	L4	0-30	BDL	0.69	0.49	4.38

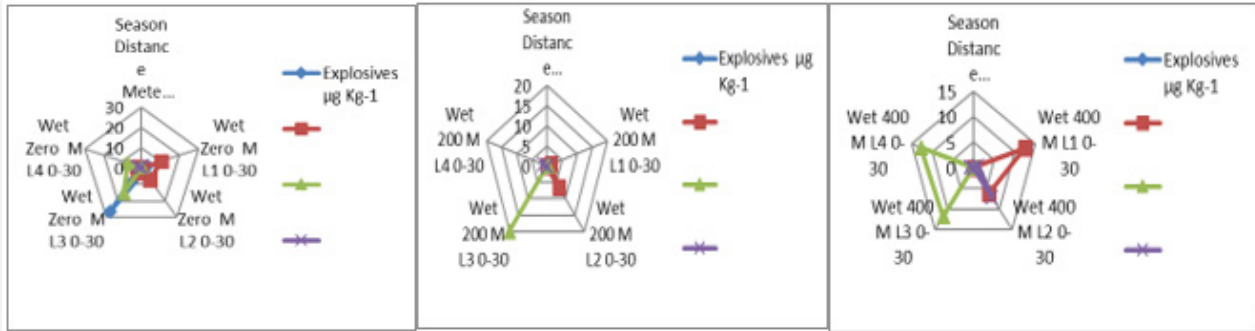


Figure 8a: NDA Explosives Concentration, Kachia (Wet season).

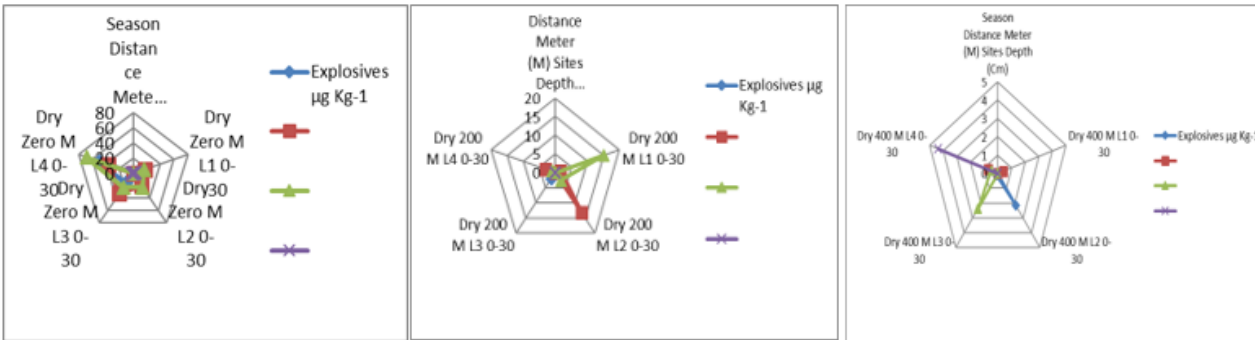


Figure 8b: NDA Explosives Concentration, Kachia (Dry season).