



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

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Namibia

12 February 2025

TO: Mr T. Mufeti
Environmental Commissioner

FROM: Johnson Ndokosho
Director of Forestry.



RE: ENDORSEMENT LETTER IN SUPPORT OF ECC APPLICATION FOR FARMS OTJIMBUKU NO. 136 AND OTJORUHARUI NO. 251 IN OTJOZONDJUPA REGION FOR APPLICATION - 5211.

The Directorate of Forestry (DOF) hereby endorses that the Forest and Environmental Management Plan (FEMP) on farms Otjimbuku No. 136 and Otjoruharui No. 251 for Application - 5211, in Otjozondjupa Region, has fulfilled the requirements for bush thinning activities in line with the Forest Act and its regulations.

DOF therefore, supports the application for the Environmental Clearance Certificate (ECC) for the above-mentioned farms.

Farm Size (ha):	11,085.93
Conservation Area (WPA)	1,524.30
WPA%	13.75
Excluded Areas	5.34
Certified Area	11,080.59
Total Production Area	9,556.29
Total Non-Production Area	1,529.64
Natural Forest Area	11,085.93
Natural Regenerated Forest Area (ES)	411.60

Project No:	09-104
Farm Name & No:	Otjimbuku 136
Owner:	J Thiessen
SLIMF/Non - SLIMF:	SLIMF
Farm Workers (Average)	19
Average rainfall (mm)	350
Soil Type	Sand
Latitude	-21.3581949
Longitude	17.715874

NUMBER OF KILNS

	Average charcoal SLIMF Limit for the FMU (t/y)	Available for the FMU (Tons charcoal):	Sustainable (65%) for the FMU (Tons Charcoal):	Average Biomass SLIMF Limit for the FMU (t/y)	Available for the FMU (Tons biomass):	Sustainable (65%) for the FMU (Tons)
Production to be removed on FMU	1,559.54	35,839.32	23,295.56	7,797.71	179,196.62	116,477.81
	Sustainable yield per year Assuming 5 Years of harvesting		4,659.11	Sustainable yield per year Assuming 5 Years of harvesting		23,295.56

YEAR: 2023

COLLECTOR	Date (D/M/Y)	12	June	2023
Mariska	Site number	Otjiruharui 251 Pre TE 1		
	Coordinates (Decimal S/E)	-21.28193056 17.66066111		
	Pre- / Post-harvest	Pre		
	Transect length (m)	50	Number of seedlings < 50 cm:	
	Transect width (m)	4	1	
	Transect area (m ²)	200	HCE	Height Class Equivalent

	S. melifera	V. reficiens	V. Luederitzii	D. cinerea	C. mopane	T. seneca	Other acacias	Targeted Total HCE	Targeted Wood Estimates (kg/transect)	Targeted Leaf Estimates (kg/transect)	Total Targeted TE
0.5 Up to 0.5 m	1							1	0.18	0.10	0.33
1.0 0.5-1 m	1							1	0.18	0.10	0.67
1.5 1-1.5 m	3							3	2.90	0.95	3.00
2.0 1.5-2 m	3							3	2.90	0.95	4.00
2.5 2-2.5 m	1							1	6.56	1.15	1.67
3.0 2.5-3 m	6							6	39.34	6.88	12.00
3.5 3-3.5 m	11							11	291.57	28.70	25.67
4.0 3.5-4 m	13							13	344.58	33.92	34.67
4.5 4-4.5 m	2							2	120.68	7.82	6.00
5.0 4.5-5 m								0	0.00	0.00	0.00
6.0 5-6 m								0	0.00	0.00	0.00
7.0 6-7 m								0	0.00	0.00	0.00
8.0 7-8 m								0	0.00	0.00	0.00
9.0 8-9 m								0	0.00	0.00	0.00
0.5 wet-kg, < 1	3.60	0.00	0.00	0.00	0.00	0.00	0.00		3.60	0.54	
1.0 wet-kg, < 1	7.20	0.00	0.00	0.00	0.00	0.00	0.00		7.20	1.08	
1.5 wet-kg, < 1	32.40	0.00	0.00	0.00	0.00	0.00	0.00		32.40	4.86	
2.0 wet-kg, < 2	43.20	0.00	0.00	0.00	0.00	0.00	0.00		43.20	6.48	
2.5 wet-kg, < 2	18.00	0.00	0.00	0.00	0.00	0.00	0.00		18.00	2.70	
3.0 wet-kg, < 3	#####	0.00	0.00	0.00	0.00	0.00	0.00		129.60	19.44	
3.5 wet-kg, < 3	#####	0.00	0.00	0.00	0.00	0.00	0.00		277.20	41.58	
4.0 wet-kg, < 4	#####	0.00	0.00	0.00	0.00	0.00	0.00		374.40	56.16	
4.5 wet-kg, < 4	64.80	0.00	0.00	0.00	0.00	0.00	0.00		64.80	9.72	
5.0 wet-kg, < 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
6.0 wet-kg, < 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
7.0 wet-kg, < 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
8.0 wet-kg, < 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
9.0 wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	

	Date (D/M/Y)	12	June	2023
	Site number	Otjiruharui 251 Pre TE 2		
	Coordinates (Decimal S/E)	-21.29181389 17.661175		
	Pre- / Post-harvest	Pre		
	Transect length (m)	50	Number of seedlings < 50 cm:	
	Transect width (m)	4	4	
	Transect area (m ²)	200	HCE	Height Class Equivalent

	S. melifera	V. reficiens	V. Luederitzii	D. cinerea	C. mopane	T. seneca	Other acacias	Targeted Total HCE	Targeted Wood Estimates (kg/transect)	Targeted Leaf Estimates (kg/transect)	Total Targeted TE
# Up to 0.5 m	4							4	0.74	0.42	1.33
# 0.5-1 m	1			1			1	3	0.55	0.31	2.00
# 1-1.5 m	5	2		5				12	11.59	3.80	12.00
# 1.5-2 m	1			1				2	1.93	0.63	2.67
# 2-2.5 m				2				2	13.11	2.29	3.33
# 2.5-3 m	1						1	2	13.11	2.29	4.00
# 3-3.5 m							1	1	26.51	2.61	2.33
# 3.5-4 m								0	0.00	0.00	0.00
# 4-4.5 m	2							2	120.68	7.82	6.00
# 4.5-5 m	2							2	120.68	7.82	6.67
# 5-6 m								0	0.00	0.00	0.00
# 6-7 m								0	0.00	0.00	0.00
# 7-8 m								0	0.00	0.00	0.00
# 8-9 m								0	0.00	0.00	0.00
# wet-kg, < 1	14.40	0.00	0.00	0.00	0.00	0.00	0.00		14.40	2.16	
# wet-kg, < 1	7.20	0.00	0.00	3.38	0.00	0.00	7.20		17.78	2.67	
# wet-kg, < 1	54.00	21.60	0.00	25.35	0.00	0.00	0.00		100.95	15.14	
# wet-kg, < 2	14.40	0.00	0.00	6.76	0.00	0.00	0.00		21.16	3.17	
# wet-kg, < 2	0.00	0.00	0.00	16.90	0.00	0.00	0.00		16.90	2.54	
# wet-kg, < 3	21.60	0.00	0.00	0.00	0.00	0.00	21.60		43.20	6.48	
# wet-kg, < 3	0.00	0.00	0.00	0.00	0.00	0.00	25.20		25.20	3.78	
# wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
# wet-kg, < 4	64.80	0.00	0.00	0.00	0.00	0.00	0.00		64.80	9.72	
# wet-kg, < 5	72.00	0.00	0.00	0.00	0.00	0.00	0.00		72.00	10.80	
# wet-kg, < 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
# wet-kg, < 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
# wet-kg, < 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
# wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	

EAR:2024

COLLECTOR		Date (D/M/Y)		22	May	2024		Date (D/M/Y)		22	May	2024		Date (D/M/Y)		22	May	2024	
Emily		Site number		Camp 25				Site number		Camp 20				Site number		Camp 22			
ordinates (Decimal S		-21.267738		17.673787				ordinates (Decimal S		-21.338842		17.738999		ordinates (Decimal S		-21.344758		17.733088	
Pre- / Post-harvest		PRE TE 1						Pre- / Post-harvest		PRE TE 2				Pre- / Post-harvest		PRE TE 3			
Transect length (m)		50		number of seedlings < 50 cm				Transect length (m)		50		number of seedlings < 50 cm		Transect length (m)		50		number of seedlings < 50 cm	
Transect width (m)		2.5		0				Transect width (m)		2.5		0		Transect width (m)		2.5		2	
Transect area (m²)		125		HCE		Height Class Equivalent		Transect area (m²)		125		HCE		Height Class Equivalent		Transect area (m²)		125	