



National Environment Management Authority

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NOTICE TO THE PUBLIC TO SUBMIT COMMENTS ON THE DRAFT STRATEGIC ENVIRONMENTAL ASSESSMENT REPORT FOR THE PROPOSED MBIRIKANI GROUP RANCH LANDUSE AND SUBDIVISION PLAN , KAJIADO SOUTH SUB-COUNTY, KAJIADO COUNTY

In light of the provisions of section 57 A of the Environment Management and Coordination Act (EMCA) 1999, Regulation 42 and 43 of Environmental (Impact Assessment and Audit) Regulations Legal Notice No. 101 of 2003, the National Environmental Management Authority (NEMA) has received a Draft Strategic Environmental Assessment Report for the Proposed Mbirikani Group Ranch Land use and Subdivision Plan, Kajiado South Sub-County, Kajiado County. The SEA findings are expected to integrate the existing sectoral plans and programs to establish sustainable development mechanisms.

Mbirikani Group Ranch is the Plan owner located on L.R No. Kajiado/Mbirikani/733 in Kajiado South Sub-County. The zoning plan used for the Mbirikani land use plan is aimed at achieving prosperity, efficiency, equity, and sustainable development by promoting and accommodating competing land uses. The zoning strategy is expected to promote socio-economic growth while ensuring effective conservation of the environment and natural resources. It seeks to reduce human-wildlife conflicts through active interventions that maintain and protect the ecosystem through adoption of the following land use zones: a) Settlement zone, b) Pastoralism development and wildlife zone, c) Conservation and tourism development zone, d) Cultivation zone, e) Physical and social infrastructure zone, and f) Mining and industrial zones.

The plan is being subjected to strategic environmental assessment in compliance to section 57A of EMCA Cap 1999. The SEA will reinforce the implementation of the Amboseli Ecosystem Plan (AEMP 2020-2030) by integrating the agreed land use restrictions to address the potential negative environmental and social impacts of land subdivision. The integration will be undertaken through the gazettement of the Mbirikani SEA and annexation of its recommendation in the umbrella Amboseli Ecosystem SEA controlled by Amboseli Ecosystem Trust (AET). A summary of the proposed environmental management and monitoring plan for the land subdivision and land use zones is highlighted below.

Key Environmental and Social Impacts and Mitigation Measures

Landuse zone	Potential negative impacts with violation of landuse restrictions	Mitigation options
Pastoralism and wildlife zone	<ul style="list-style-type: none"> Uncontrollable land subdivisions and disposal Fragmentation of pastoral and wildlife landscapes through fencing Introduction of land activities which are incompatible with nomadic pastoralism and wildlife conservation Disputed land sales leading to disinheritance, loss of family wealth, numerous clan or family feuds Introduction of a desperate class of landless people Dilution of the norms and values of the traditional pastoral culture and traditions Curtailling of traditional livestock mobility networks in pursuit of pasture and water Collapse of traditional pastoral practices Increased crime and indecency due to collapse of traditional customary systems Escalation of rangeland degradation Reduced capacity to cope with and adapt to climate change Increase in human-wildlife conflicts and retaliatory attacks against wildlife Increase in illegal bush meat activities 	<ul style="list-style-type: none"> Controlling of further land subdivision and disposal Regulating land disposal without the consent of family members Creating of shared common land in private land for communal livestock grazing and wildlife use Establishing conservancies in the pastoralism and wildlife zone Regulating livestock population by introducing improved breeds Preventing collapse of the Mbirikani REDD+ carbon credit scheme
Conservation and tourism zone	<ul style="list-style-type: none"> Lower aesthetic appeal of Mbirikani as a tourism hub in the Amboseli ecosystem due to negative visual impacts Curtailling of traditional livestock mobility networks in pursuit of pasture and water Collapse of traditional pastoral practices Collapse of the Mbirikani REDD+ carbon credit scheme Collapse of existing tourism revenue-generating opportunities Increased wildlife-related conflicts Increased wildlife crime 	<ul style="list-style-type: none"> Conversion of the conservation zone into a conservancy Ensuring equitable sharing of benefits accruing from wildlife conservation and tourism Regulating livestock population by introducing improved breeds Preventing collapse of the Mbirikani REDD+ carbon credit scheme
Cultivation zone	<ul style="list-style-type: none"> High influx of irrigation farmers from agrarian regions Mass acquisition of land Increased water demand and scarcity Increased water-related conflicts Increased human-wildlife conflicts Encroachment of swamps and riparian zones 	<ul style="list-style-type: none"> Regulating water abstraction to prevent drying up of rivers, springs and swamps Regulating encroachment of agriculture into riparian buffer zones through proper zoning Regulating new irrigation farms on private land Mitigating water-related conflicts Limiting the use of agrochemicals
Settlement zone	<ul style="list-style-type: none"> Uncontrolled land subdivisions and disposal Disputed land sales leading to disinheritance, loss of family wealth, numerous clan or family feuds Introduction of a desperate class of landless people Dilution of the norms and values of the traditional pastoralism culture Increased crime and indecency due to collapse of traditional customary systems Lower aesthetic appeal of Mbirikani as a tourism hub due to negative visual impacts Increased water demand and scarcity 	<ul style="list-style-type: none"> Controlling land disposal without the consent of family members Controlling the sale of settlement land Addressing the potential risk of increased crime and social vices Addressing the potential problem of inadequate water supply due to mushrooming settlements Controlling illegal bush meat activities Controlling solid waste disposal
Physical infrastructure	<ul style="list-style-type: none"> Fragmentation of grazing and wildlife landscapes by construction of access roads Obstruction of wildlife and livestock movement corridors by access roads Increased vehicle-wildlife-livestock collisions Increased crime including wildlife crimes due to opening up of the area 	<ul style="list-style-type: none"> Controlling obstruction of wildlife-livestock corridors by roads Addressing potential risk of vehicle-wildlife-livestock collisions Addressing the potential problem of increased crime including wildlife crimes
Industrial and limestone mining zone	<ul style="list-style-type: none"> Increasing number of decommissioned and unrehabilitated quarries Impaired movement of livestock and wildlife in the area Increased colonization by invasive species especially <i>Nicotiana glauca</i> along access roads to new limestone mining sites Increased air pollution from dust by limestone transport trucks 	<ul style="list-style-type: none"> Entering into agreement with cement producers regarding compliance with the requirement for proper mine-closure and site restoration Controlling the spread of invasive species especially <i>Nicotiana glauca</i> along the mining access roads Controlling air pollution in the factory site and access roads

The full **Draft Strategic Environmental Assessment Report for the Proposed Mbirikani Group Ranch Land use and Subdivision Plan, Kajiado South Sub-County, Kajiado County** is available for inspection during working hours at:

- Principal Secretary
Ministry of Environmental and Forestry,
NHIF Building, 12th Floor, Ragati Road, Upper Hill
P.O BOX: 30126-00100, **NAIROBI**
- Director General, NEMA Popo Road
off Mombasa Road, P.O BOX 67839-00200, **NAIROBI**
- County Director of Environment, **KAJIADO COUNTY**

A copy of the Draft SEA report can be downloaded from www.nema.go.ke (NEMA/SEA/5/2/076)

NEMA invites members of the public to submit oral or written comments within thirty (30) working days from the date of publication of this notice to the Director General, NEMA to assist the Authority in decision making process regarding this SEA. Comments can also be e-mailed to dgnema@nema.go.ke.

DIRECTOR GENERAL

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