



nema

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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 Pogo Road, Nairobi, Kenya
 Email: genema@nema.go.ke
 Website: www.nema.go.ke

Application Reference No: NEMA/AGR/63/2016

Registration: 0058

Form of Access Permit

This permit is hereby granted to **DR. SHARON MARGARET OKANCA**
(insert name, contact address and description of applicant) in accordance with regulation 11 of the
 Environmental Management and Co-ordination (Conservation of Biological Diversity and
 Resources, Access to Genetic Resources and Benefit Sharing) Regulations, 2006 for the
 collection of the following genetic resources:

**NOT MORE THAN 10,000 TICK SPECIMENS, 6,000 LARVAE, 3,000 NYMPHS AND
 1,000 ADULTS** *(insert description of the genetic resource, its derivative product(s) or intangible
 component(s) as stated in the Materials Transfer Agreement)* located at:

OL PEJETA CONSERVANCY AND LAKEPIA COUNTY *(insert geographical description of the
 location of the genetic resources)*

This permit is issued subject to the Regulations and all agreements concluded pursuant to
 its grant, and may be suspended, cancelled or revoked should the holder breach any of
 these agreements and the conditions of issue and those contained in the Regulations.

Dr. SHARON MARGARET OKANCA *(insert name of applicant)* being the holder of this
 permit, including his agent and assignees, undertake to abide by the conditions of this
 permit and to promptly report to the National Environment Management Authority any
 matter that may prejudice the interests of Kenya and other parties concluded pursuant to
 the grant of this permit.

Signed:  Date: 8/8/2016
 Director General
 National Environment Management Authority

PERMIT CONDITIONS NEMA/ACR/68/2016

1. This approval shall be valid for 12 months from the date of issuance and shall not be transferable.
2. This approval is for accessing NOT MORE THAN 10,000 WOKS (*Rhipicephalus Rhipicephalus*, *Rhipicephalus appendiculatus*, *Rhipicephalus Eysenckii* and other *Rhipicephalus*, *Hyalomma* and *Amblyomma* spp.) specimens (6,000 larvae, 3,000 nymphs and 1,000 adults) from Ol Rajera Conservancy in Laikipia County. You shall provide the list and quantity of all collected ticks samples to NEMA.
3. The access of the genetic resources and its derivatives shall be strictly held in department of biology, university of Illinois Urbana Champaign, United States.
4. You shall ensure that the collected ticks specimens are well treated and preserved according to the provided standards before export to the University of Illinois Champaign for Next Generation molecular sequencing with specific probes.
5. You shall ensure that the basic analysis of the genetic resources such as identification, cataloging, analyzing and preservation of the ticks and preparation of the samples to good laboratory standards for export and further analysis shall be done in the local institutions, KWS, NMRI or Mount Kenya University (MKU). You shall ensure that the local partners KWS/NMRI & Ol Rajera Conservancy are involved in the collection, identification and preparation of the samples for export.
6. The genetic resource and the derivative shall not be transferred to a third party without the consent of the genetic resource providers and NEMA.
7. The genetic resource and the derivative shall not be used for commercial or profit purpose without understanding and agreement from genetic resource providers and NEMA.
8. You shall deposit and keep records of all duplicates of the genetic resources with the relevant lead agency (KWS/NMRI) and provide evidence of deposition to NEMA.
9. You shall ensure that the only reasonable access by all Kenyan citizens to all genetic resources collected whether such genetic resources and intangible components are held locally or abroad.
10. Ensure that all agreements entered into with respect to access of genetic resources shall be strictly for the purpose for which they were entered into.
11. You shall ensure that the provision of the NEMA Act, 1999 and NEMA Regulations, 2012 that provides for genetic resources.
12. You shall ensure that the local community traditional knowledge on the genetic resources and their uses are well safeguarded.
13. You shall submit quarterly reports to NEMA on the status of research, including all discoveries from research involving genetic resources and/or intangible components thereof.
14. You shall comply with the improvement orders issued by NEMA's environmental inspectors throughout the project cycle.
15. You shall abide by the laws of Kenya.
16. NEMA reserves the right to suspend, cancel, revoke or vary this permit in the event of a breach of the conditions attached to or any contravention to the Environmental Management and Coordination Act, 1999 and regulations thereunder.
17. Upon the completion of the intended studies, you shall return the remaining genetic resource to Kenya and deposit with the relevant lead agency (KWS/NMRI) and notify NEMA of the return.