



**nema**  
mazingira yetu | uhai wetu | wajibu wetu

Application Reference No..NYR/PR/2255...

Registration No.....**0053916**.....

For Official Use

**NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY (NEMA)**

**THE ENVIRONMENTAL MANAGEMENT AND CO-ORDINATION ACT  
ENVIRONMENT IMPACT ASSESSMENT LICENSE**

This is to certify that the Environmental Impact Assessment Project Report received from  
**MATHIRA WATER AND SANITATION COMPANY LIMITED**.....(Name of

individual/firm) of.....**P.O Box 1981-10101- Karatina**.....(Address)

submitted to the National Environment Management Authority (NEMA) in accordance with the Environment  
Impact Assessment and Audit Regulations 2003 regarding **Proposed Rehabilitation of Karatina Urban Water**.....

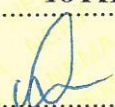
**Supply Project**.....

.....(title of project) whose objective is to carry on  
**Rehabilitation of Karatina Urban Water Supply Project.**.....


.....(briefly describe purpose) located at  
**Within Karatina Municipality , Nyeri County**.....

.....(locality and county) has been  
reviewed and a license is hereby issued for implementation of the project, subject to attached conditions.

Dated this.....**18TH**..... Day of **DEC, 2018**.....

Signature..........

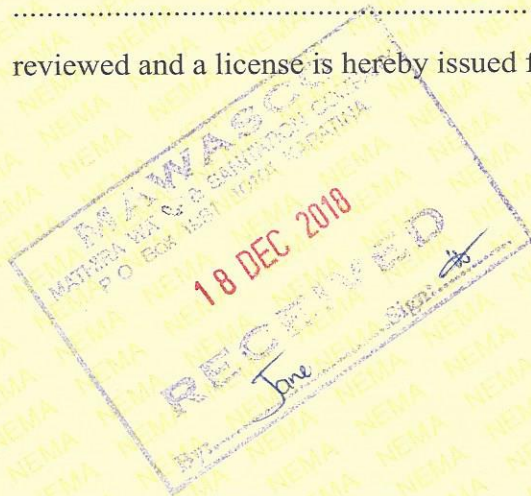
**SEAL**

  
**Director General**  
**The National Environment Management Authority**

**CONDITIONS OF LICENSE**

1. This license is valid for a period of **24 months** (time within which the project should commence) from the date hereof.
2. The Director-General shall be notified of any transfer/variation/surrender of this license.

**P.T.O**



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## 1. General Conditions

- 1.1. This project is for the **Proposed Rehabilitation of Karatina Urban Water Supply Project within Nyeri County** as shown in the EIA report **NEMA/NYR/PR/5/2/2255**
- 1.2. The licence shall be valid for 24 months from the date of issue
- 1.3. Without prejudice to the other conditions of this license, the proponent shall implement and maintain an environmental management system, organizational structure and allocate resources that are sufficient to achieve compliance with the requirements and conditions of this license.
- 1.4. The Authority shall take appropriate action against the proponent in the event of breach of any of the conditions stated herein or any contravention to the Environmental Management and Co-ordination Act, 1999 and regulations there under.
- 1.5. This license shall not be taken as statutory defense against charges of pollution in respect of any manner of pollution not specified herein.
- 1.6. The proponent shall ensure that records on conditions of licenses/approval and project monitoring and evaluation shall be kept on the project site for inspection by NEMA's Environmental Inspectors.
- 1.7. The proponent shall submit an Environmental Audit Report in the first year of occupation/operation/commissioning to confirm the efficacy and adequacy of the Environmental Management Plan.
- 1.8. The proponent shall comply with NEMA's improvement orders throughout the project cycle
- 1.9. The proponent shall provide the final project accounts (final project costs) on completion of construction phase. This should be done prior to project commissioning/operation/occupation

## 2. Construction Conditions

- 2.1 The proponent shall ensure a traffic management plan is developed and Approved by Kenya National Highways Authority-**KeNHA** , Kenya Rural Roads Authority(**KERRA**) and Kenya Urban Road Authority (**KURA**) and implemented during the construction phase to ensure no interference with traffic flow on the road along the site.
- 2.2 The Proponent shall ensure all old Asbestos pipes are left intact and that in the event they have to be removed, then a fresh separate Environmental Impact Assessment report shall be done and EIA license issued for the same.
- 2.3 The proponent shall put up a project signboard as per the Ministry of Works Standards indicating the NEMA license number among other information.
- 2.4 The proponent shall ensure that all excavated material and debris is collected, re used and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
- 2.5 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
- 2.6 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 2.7 The proponent shall ensure that Construction activities are undertaken during the day (and not at night) - between 08.00 hrs and 17.00 hrs; and that transportation of materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
- 2.7 The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.
- 2.8 The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of Nyeri County Government with emphasis on approved land use for the area.
- 2.9 The proponent shall ensure that adequate and appropriate sanitary facilities, personal Protective equipments as well as adequate training are provided for the workers during construction phase and the proper decommissioning of the facilities is carried out once project is complete.
- 2.10 The proponent shall provide soil erosion control structures on the steep slopes sides during construction

### **Operational Conditions**

- .. The proponent shall ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006.
- 3.2. The proponent shall ensure that all drainage facilities are fitted with adequate functional Oil Water Separators and silt traps
- 3.3. The proponent shall work closely with the Water Resources Management Authority and other stakeholders to ensure the project is carried out sustainably and according to the existing regulations as provided in the Water Act 2006.
- 3.4. The proponent shall ensure that all equipment used is well maintained in accordance with the Environmental Management and Coordination (Noise and Excessive Vibration Pollution Control) Regulations 2009.
- 3.5. The proponent shall ensure that all solid waste, soil and silt is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations 2006.
- 3.6. The proponent shall protect riparian area through planting of the right indigenous trees for the area and employ water harvesting and soil conservation methods in collaboration with Water Resources Users Association
- 3.7. The proponent shall ensure that all workers are well protected trained as per the OSHA, 2007
- 3.8. The proponent shall comply with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of Ministry of Public Health and Sanitation, Directorate of Occupational Safety and Health Services, Kenya Forest Services, Department of Agriculture, WRA Nyeri County Government, and other relevant Authorities
- 3.9. The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid waste management, landscaping etc.

### **4. Notification Conditions**

- 4.1. The proponent shall seek written approval from the Authority for any operational changes under this license
- 4.2. The proponent shall ensure that the Authority is notified of any malfunction of any system within 12 hrs on the NEMA hotline 020 606041 and mitigation measures put in place
- 4.3. The proponent shall keep records of all pollution incidences & notify the Authority within 24 hrs.
- 4.4. The proponent shall notify the Authority of its intent to decommission three months in advance in writing.

### **5. Decommissioning Conditions**

- 5.1. The proponent shall ensure that a decommissioning plan is submitted to the Authority for approval at least three (3) months prior to decommissioning
- 5.2. The proponent shall ensure that all pollutants and polluted material is contained and adequate mitigation measures provided during the phase.
- 5.3. The proponent shall take necessary measures to rehabilitate, re-vegetate and landscape all disturbed areas by planting Bamboo or suitable tree species buffer around affected areas.

The above conditions will ensure environmentally sustainable development and must be complied with.

