



**NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY(NEMA)
THE ENVIRONMENTAL MANAGEMENT AND CO-ORDINATION ACT
ENVIRONMENTAL IMPACT ASSESSMENT LICENSE**

License No: **NEMA/EIA/PSL/4119**

Application Reference No: **NEMA/EIA/PSR/7190**

This is to certify that the Environmental Impact Assessment Project Report received from
Naivasha Water Sewerage & Sanitation Company.

P.O. Box 321 - 20117, Naivasha.

submitted to the National Environment Management Authority in accordance with the
Environmental Impact Assessment & Audit Regulations, 2003 regarding the:

Proposed Kayole - Mirera Water Supply Project.

whose objective is to carry on
Establishment of the Kayole - Mirera water supply project.

located at
Naivasha Sub - County in Nakuru County.

has been reviewed and a license is hereby issued for the implementation of the project
subject to attached conditions.

Issue date : **17 December, 2016**

Signature

(seal)

Director-General
The National Environment
Management Authority.

P. T. O.



ISO 9001 : 2008 Certified

1.0 General Conditions

- 1.1 This project is for the establishment of the Kayole – Mirera water supply project in Naivasha Sub-County, Nakuru County at an estimated cost of Kshs. 89,288,815.
- 1.2 The license shall be valid for 24 months (time within which the project shall commence from the date hereof).
- 1.3 The Director General shall be notified of any transfer, variation or surrender of this license.
- 1.4 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.
- 1.5 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 Coordination Act, 1999 and regulations therein.
- 1.6 This license shall not be taken as statutory defence against charges of environmental degradation or pollution in respect of any manner of degradation/pollution not specified herein.
- 1.7 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.
- 1.8 The proponent shall submit an Environmental Audit report in the first year of occupation/operations/commissioning to confirm the efficacy and adequacy of the Environmental Management Plan.
- 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.
- 1.10 The proponent shall comply with NEMA's improvement orders throughout the project cycle.

2.0 Construction Conditions

- 2.1 The proponent shall obtain the requisite approvals from the County Government of Nakuru and all other relevant Authorities prior to commencement of works.
- 2.2 The proponent shall put up a project signboard as per the Ministry of Transport and Infrastructure standards showing the NEMA EIA license number among other details.
- 2.3 The proponent shall seek authorization from the Water Resources Management Authority for the proposed in-water works and for water abstraction, prior to commencement of works.
- 2.4 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations of 2009.
- 2.5 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 2.6 The proponent shall ensure relocation, compensation and restoration of livelihoods for any project affected persons (PAPs) and develop a consultative plan for emerging issues and grievance redress mechanisms (GRM) as shall be prescribed in the Resettlement Action Plan (RAP).

- 2.7 The proponent shall continually consult with the County Government of Nakuru to ensure that pertinent issues relating to equitable sharing of the abstracted water are resolved amicably to ensure project sustainability.
- 2.8 The proponent shall ensure that workers are provided with adequate personal protection equipment (PPE), sanitary facilities as well as adequate training.
- 2.9 The proponent shall ensure strict adherence to the provisions of the National Construction Act of 2011.
- 2.10 The proponent shall ensure that no excavated debris or other forms of wastes are disposed off or deposited in the rivers.
- 2.11 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 of 2006.
- 2.12 The proponent shall ensure that activities are undertaken during the day between 0800 hours and 1700 hours and that transportation of construction materials to and from site are undertaken during weekdays at off peak hours.
- 2.13 The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of the County Government of Nakuru with emphasis on approved land use for the area.
- 2.14 The proponent shall ensure strict adherence to the Environmental Management Plan (EMP) developed throughout the project cycle.
- 3.0 **Operational Conditions**
- 3.1 The proponent shall adhere to the conditions issued by the Water Resource Management Authority for in-water works and water use permits.
- 3.2 The proponent shall ensure that sanitary facilities are constructed at suitable places so as to avoid contamination of water bodies and the subsequent water-borne diseases/vectors.
- 3.3 The proponent shall ensure that the chemicals used for water treatment (such as Alum) are appropriately handled and disposed off as provided for in their respective Material Safety Data Sheets.
- 3.4 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 of 2006.
- 3.5 The proponent shall ensure strict adherence to the provisions of the Environmental Management and Coordination (Air Quality) Regulations of 2014.
- 3.6 The proponent shall ensure that appropriate and functional efficient air pollution control mechanisms are installed to control all air emissions.
- 3.7 The proponent shall ensure that all drainage facilities are fitted with adequate functional oil water separators and silt traps.

- 3.8 The proponent shall ensure that rain water harvesting facilities are provided to supplement surface and ground water.
- 3.9 The proponent shall ensure that all equipment used are well maintained in accordance with the Environmental Management and Coordination (Noise and Excessive Vibration Pollution Control) Regulations of 2009.
- 3.10 The proponent shall ensure that all solid waste is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations of 2006.
- 3.11 The proponent shall ensure that all workers are well protected and trained as per the Occupational Safety and Health Act (OSHA) of 2007.
- 3.12 The proponent shall comply with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the County Government of Nakuru, Ministry of Water and Irrigation, Kenya Forest Service, Ministry of Health, Kenya Rural Roads Authority, Ministry of Land, Housing and Urban Development, Water Resources Management Authority, and other relevant Authorities.
- 3.13 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as soil erosion control, functional storm drainage, catchment protection, river pollution prevention, and equitable water supply mechanisms are designed, constructed and employed simultaneously with the proposed project.

4.0 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 hours on the NEMA hotline No. **020 6006041/0786101100** and mitigation measures put in place.
- 4.3 The proponent shall keep records of all pollution incidences and notify the Authority within 24 hours.
- 4.4 The proponent shall notify the Authority in writing of its intent to decommission the facility **three (3) months** in advance.

5.0 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.

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