

NOTICE TO THE PUBLIC TO SUBMIT COMMENTS ON AN ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT STUDY REPORT FOR THE PROPOSED CONSTRUCTION OF FEACAL SLUDGE MANAGEMENT FACILITY IN N'GOMBENI WAA WARD, N'GOMBENI LOCATION, MATUGA SUB-COUNTY, KWALE COUNTY

Pursuant to Section 59 of the Environmental Management and Coordination Act 1999, the National Environment Management Authority (NEMA) has received an Environmental Impact Assessment Study Report for the above proposed project.

The proponent, **Coast Water Works Development Agency**, proposes the construction of a fecal sludge management facility, which will comprise the following components for treatment process: pre-treatment units, solid/liquid separation unit, liquid fraction treatment units, solid fraction dewatering units, ancillary units, associated amenities and facilities in N'ombeni Waa Ward, N'gombeni Location, Matuga Sub-County, Kwale County.

The following are the anticipated impacts and proposed mitigation measures.

Impact	MITIGATION MEASURES
Water Pollution	<ul style="list-style-type: none"> Institution of spill prevention and control measures Conservative use of water in construction works Implement a construction waste management plan Implement soil erosion control measures Install and regularly empty sediment traps in surface drains around construction works
Dust and Air Pollution	<ul style="list-style-type: none"> Proper equipment and vehicle maintenance; Use of low Sulphur fuels Regulation of construction vehicle speeds; Sprinkling of dust access roads and other dust prone areas to lay dust Provision of PPEs such as dust masks to workers Minimise the period for machinery idling Rehabilitation of disturbed areas once completed
Noise Pollution	<ul style="list-style-type: none"> Use of noise abatement equipment for machinery Limit construction activities to daytime only 21ss2q1 BV Provide PPEs such as earmuffs to workers at the site Locate noisy equipment away from receptors Sensitise drivers/operators against hooting
Biodiversity Disruption	<ul style="list-style-type: none"> Development of a Reinstatement Plan and a landscaping/revegetation plan Ensure minimal stripping of vegetation at work areas; Establishment of sediment traps and silt fences; Institution of containment measures for hazardous substances Institution of waste management plan Only clear vegetation necessary for the construction activities Ensure that all personnel are informed and aware of the importance to protect fauna and flora Reinstatement of disturbed site Avoid removal of mature trees that have visual focal points Replacement of removed trees where possible; Proper housekeeping at construction site to reduce visual nuisance
Soil Pollution	<ul style="list-style-type: none"> Avoid offsite disposal of spoil Salvage, stockpile and ensure re-use of native topsoil Implementation of a site-specific reinstatement plan Institution of spill prevention and control measures Hazardous material to be stored a per MSDS's Stabilize and maintain access roads created to access project sites Stabilize construction site and camp(s) entrances/ exists
Increased Energy Use	<ul style="list-style-type: none"> Minimise idling of machinery Avoid overloading of trucks and machinery Regular service of vehicles, plant and machinery Use environmentally friendly fuels such as low-sulphur diesel Specify and procure the most energy efficient plant options fit for purpose and avoid use of plant with unnecessary and excess capacity

Impact	MITIGATION MEASURES
Solid Waste Generation	<ul style="list-style-type: none"> Modification of construction activities and methods to reduce potential adverse impacts Segregate wastes into inert fill materials, recyclable/reusable materials and hazardous wastes for appropriate disposal Composite organic waste Provide sanitary facilities at construction camps and sites Adopt best practices in concrete waste management Isolate woody vegetation cleared and facilitate collection by neighbouring residents
Occupational Health and safety	<ul style="list-style-type: none"> Implement a health and safety management plan Designate a health and safety officer Comply with the OSHA 2007 and all other relevant regulations governing health and safety Restrict access to construction site Provide appropriate signage and warnings in work areas Provide First-Aid kits/boxes Provide adequate sanitary facilities Fire extinguishers should be provided and placed in areas that have potential fire threat Set of clear plans for workers to avoid overworking them Enforce and monitor road safety through traffic management at work sites and routes Ensure all dangerous construction sites are fenced off Implement a community safety management plan

The full report of the proposed project is available for inspection during working hours at

1. **Principal Secretary,
State Department for Environment and Climate Change,
Ministry of Environment
Climate Change and Forestry,
NHIF Building, 12th Floor, Ragati Road, Upper Hill
P. O. Box 30126 – 00100, NAIROBI.**

2. **Director General,
National Environment
Management Authority (NEMA)
Popo Road, off Mombasa Road,
P.O Box 67839-00200, NAIROBI**

3. **County Director of Environment
KWALE COUNTY**

A copy of the EIA report can be downloaded at www.nema.go.ke

NEMA invites members of the public to submit oral or written comments within thirty (30) days from the date of publication of this notice to the Director General, NEMA to assist the Authority in the decision-making process for this project. Kindly quote ref no. **NEMA/EIA/5/2/2219**.

Comments can also be e-mailed to info@nema.go.ke

DIRECTOR GENERAL

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