



NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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NOTICE TO THE PUBLIC TO SUBMIT COMMENTS ON AN ENVIRONMENTAL IMPACT ASSESSMENT STUDY REPORT FOR THE PROPOSED MENENGAI WEST GEOTHERMAL DRILLING PROJECT IN NAKURU COUNTY.

Pursuant to Regulation 21 of the Environmental Management and Coordination (Impact Assessment and Audit) Regulations, 2003, the National Environment Management Authority (NEMA) has received an Environmental Impact Assessment Study Report for the above proposed project.

The Proponent, Geothermal Development Company, is proposing a geothermal exploration program in Nakuru County. The project will involve drilling deep geothermal wells. The selection of specific locations for exploration wells, including their depth and diameter will depend on; access to funds, land accessibility, environmental sensitivity, identification of feasible well pad locations and eventual power plant development potential.

The following are the anticipated impacts and proposed mitigation measures:

Impacts	Proposed Mitigation Measures
Loss of vegetation and wildlife habitat	<ul style="list-style-type: none"> Develop and implement an avifauna monitoring scheme, assessing population trends and direct hazards relating to the proposed project; Unnecessary vegetation clearing will be prohibited; Biologist survey and monitoring if necessary; Possible implementation of visual and acoustic barriers; Prohibit unnecessary cutting of trees and vegetation clearing.
Damage to the landscape	<ul style="list-style-type: none"> Dismantle temporary treatment facilities and worker camps.
Fire Prevention and Response	<ul style="list-style-type: none"> Provide fire prevention and response equipment at each work site such as fire extinguishers and dedicated water tank
Traffic Control	<ul style="list-style-type: none"> Provide information signs where land and road closures could substantially disrupt traffic circulation
Hazardous Materials Management Plan	<ul style="list-style-type: none"> Use non-toxic and biodegradable drilling mud where feasible; Management Plan Embank reserve pits if drilling mud contains foams; Install containment berms and redirect storm water flows around hazardous Cap drilling mud determined to be toxic with clean fill materials.
Increased waste generation	<ul style="list-style-type: none"> Prepare a Waste Management Plan for solid waste; Store and dispose of solid waste at an appropriate designated areas; Strict Adherence to Waste Management Regulations, 2006.
Geotechnical Investigation	<ul style="list-style-type: none"> Conduct geotechnical investigation prior to initiating civil works activities
Loss of culture	<ul style="list-style-type: none"> Conduct surveys for archaeological and cultural resources prior to civil work activities; Handling all culturally sensitive issues; Provide archaeological and cultural resources training to workers.
Noise control	<ul style="list-style-type: none"> Install acoustic barriers between stationary equipment and sensitive receptors
Air Quality	<ul style="list-style-type: none"> Install gas detection and monitoring devices during well drilling and testing Maintain and repair equipment according the manufacturer's standard; Dust will be minimized by regularly watering of construction area. Provide compensation for farmers where farmland and crops are impacted by the proposed project.
Conflict	<ul style="list-style-type: none"> Provide compensation for farmers where farmland and crops are impacted by the proposed project.
Soil erosion	<ul style="list-style-type: none"> Plastic sheeting to secure topsoil; Reapply topsoil; Replant trees and grass after construction; Limit heavy machinery to designated routes.
Community Engagement and Sensitivity	<ul style="list-style-type: none"> Local people will be given priority in employment Hold public meetings with the affected communities and install an informational sign at the entrance of each proposed project area and sites; Obey the local population customs;
Occupational health and safety	<ul style="list-style-type: none"> Prepare and implement an EHS plan with all required elements; Use relevant protective gear during construction, operation and maintenance; Provide First Aid and safety equipment; Provide information to workers regarding their rights on safety and payment; and provide training to workers for their position

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

**1. Principal Secretary,
 Ministry of Environment and Natural Resources,
 NHIF Building, 12th Floor,
 Ragati Road, Upper Hill, P.O. BOX: 30126-00100,
 NAIROBI**

**2. Director General, NEMA
 Popo Road, off Mombasa Road,
 P.O. BOX 67839-00200,
 NAIROBI**

**3. County Director of Environment
 NAKURU 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/5/2/1569**

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

DIRECTOR GENERAL

This advertisement is sponsored by the proponent.