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TO:

Regional Centre on Groundwater Resources (RCGW)

Ministry of Water, Sanitation, and Irrigation

02/07/2025

Dear Sir/Madam,

Subject: APPLICATION FOR THE HoAGW4RP INTERNSHIP – GIS & REMOTE SENSING

I am writing to show my interest in the HoAGW4RP Internship Programme under the Geographic Information System and Remote Sensing field. I am in my final semester pursuing a Bachelor of Arts in GEOGRAPHY (Geographic Information Systems) and Remote Sensing at Moi University, which is set to finish in July 2025, with graduation expected in December 2025.

My learning and experience have given me hands-on skills in spatial data analysis, remote sensing, and cartographic mapping. I am well familiar with geospatial software such as ArcGIS, QGIS, Google Earth Engine (GEE) and use of GPS. At my industrial attachment in the Executive Office of the President , Directorate of Remote Sensing and Resource Survey (DRSRS), Nairobi County I did My final attachment project on Flood Risk Analysis for Nairobi County using GIS and Web Map application with Leaflet.js.

In addition, I worked as a GIS volunteer at the Department of Water, Irrigation, Environment, Natural Resources, and Climate Change ,Busia County where I helped in field-based environmental mapping, GIS data handling, and water resource valuations at the community level. In these experiences, my understanding in sustainable water management and groundwater monitoring deepened two key subjects under the HoAGW4RP project.

Along with my core GIS background, I also have software development skills in the form of JavaScript, Python, and web development frameworks. I've applied these to automate spatial data processing, develop interactive map user interfaces, and streamline presentation and sharing of geospatial data.

I am a self-motivated, flexible, and enthusiastic individual seeking to utilize my multi-disciplinary skills in a practical environment that benefits communities within the ASAL regions. I am confident that this internship presents a worthwhile chance to learn, develop, and contribute substantially to the achievement of HoAGW4RP. You are requested to accept attached the following for your evaluation:

1)Official Internship Program Application Form

2)My Curriculum Vitae (CV)

3)Copy of National ID

4)Academic transcript

5)Two letters of recommendation my supervisor at DRSRS and my work at the Department of Water and Natural Resources

Thank you for considering my application. I would be honored to be part of your team and assist in the vital work being undertaken under the HoAGW4RP project.

Yours faithfully,

BRIAN MAKANDA OUMA.