

## UNIVERSITY OF LIBERIA CAPITOL HILL MONROVIA, LIBERIA **WEST AFRICA**



Office of the Institution Review Board

IOR0004203

## Certification of Human Approvals

November 16, 2020

Candice Miller | Marvin Samuel

The Khana Group, 21st Street and Coleman Avenue, Sinkor, Monrovia

Email: cmiller@mathematica-mpr.com marvin.samuel@thekhanagroup.com

Protocol Title: MCC - Baseline Data Collection for the Evaluation of the Liberia Energy Project

Protocol #: 20-11-240

Dear Ms. Miller & Mr. Samuel:

In accordance with 45 CFR 46, the human subjects protocol of the above referenced research study reviewed, as a full initial review on November 8, 2020 has been approved by the University of Liberia-Pacific Institute for Research & Evaluation Institutional Review Board (UL-PIRE IRB). This IRB will review the protocol during the implementation of the study to confirm human subject procedures. The expiration date of this approval is November 15, 2021 at Midnight.

Proposed changes to approved human subject research protocol must be reported promptly to the IRB to be reviewed and approved prospectively utilizing a continuing review application. No changes may be initiated without prior approval by the IRB, except where necessary to eliminate apparent immediate hazards to subjects. Any unanticipated problems involving risks to participants or others must be submitted promptly to the UL-PIRE IRB.

The IRB will require you to submit a progress report during the implementation of this study. This institution is in compliance with requirements for protection of human subjects, including 45 CFR 46, 21 CFR 50, and 56, and 38 CFR16.

Kind regards.

Sincerely yours,

Chairperson, UL-PIRE-IRB

**IRB Review Date:** 11/08/2020

Approval Period: 11/16/2020 through 11/15/2021

Review Type: INITIAL/FULL IRB Review Action: APPROVED Assurance # FWA00004853

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