

ENVIRONMENTAL PROTECTION AGENCY



ENVIRONMENTAL ASSESSMENT REGISTRATION FORM

(To be completed in Duplicate)

FEE GHC

FORM EA 1

Proponent: UNIVERSITY OF CAPE-COAST (UCC) / AFRICA CENTRE OF EXCELLENCE IN COASTAL RESILIENCE (ACECOR)

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This form shall be submitted to the relevant EPA Regional, District and Zonal Offices. It is important that you read carefully the guide for completing the form before starting.

GUIDE FOR COMPLETING AN ENVIRONMENTAL ASSESSMENT REGISTRATION FORM

The Environmental Assessment Registration Form is designed to provide enough relevant information to enable the EPA to set an appropriate level of assessment for proposal referred to it. Failure to provide detailed information in a comprehensive manner may delay the assessment process. It is not expected that this form will be appropriate for all purposes and, depending on your proposal, a lengthier document may be necessary in addition to this form.

PROPOSAL

A simple, brief description of the proposal or proposed undertaking is required and must include: input processes, end results, outputs, quantities and timing. Please include flow diagram if available.

LOCATION

A site/block plan is essential.

It should indicate the geographical coordinates of site (Longitude and Latitude), evaluation and slope of the site, any nearby areas or features of environmental significance (e.g. proposed or declared reserves, water courses, wetlands) and adjacent land uses, including the nearest homes or areas zoned residential.

SERVICES

Details of water supply, storm water drainage, power corridors, access to and impact on roads and transport can all be significant and should be noted where relevant.

ENVIRONMENTAL IMPACT

Criteria for assessing a project and setting a level of assessment are:

1. The character of the environment
2. The potential impact of the proposal
3. Resilience of the environment to cope with change
4. environmental impacts
5. The input of other statutory decision-making bodies
6. Degree of public interest.

The following potential environmental impacts may be relevant:

1. Impacts on geomorphology, land stability and landscape
2. Impacts on drainage and water quality (surface and ground)
3. Impacts on biota
4. Impacts on access and transport systems
5. Impacts on existing services including power, water and telephone
6. Impacts on existing community facilities
7. Impacts on existing contingency plans for safety and emergency services.
8. Impacts on emission (Gas, Dust, Noise and heat)

9. Management of solid and liquid waste and storm water
10. Impacts on adjacent land uses including any conservation and recreational aspects
11. Impacts of constructional and operational activities
12. Visual impacts
13. Social impacts

Proponents would be required to pay appropriate processing and permit fees in accordance with the current existing LI for fees and charges (Amendment) Instruments.

1. PROPOSED UNDERTAKING/DEVELOPMENT

Title of proposal (general classification of undertaking) AFRICA CENTRE OF EXCELLENCE IN COASTAL RESILIENCE (ACECOR) BUILDING PROJECT

Description of proposed undertaking including unit processes (flow diagram), raw materials, list of chemicals (source, types and quantities), storage facilities, waste by-products (soil, liquid and gaseous)

- CONSTRUCTION OF A MULTIPURPOSE EDUCATIONAL COMPLEX TO ACCOMMODATE RESEARCH LABORATORY, OFFICES AND LECTURE ROOMS.
- RAW MATERIALS: SAND, STONES (GRANITE), CEMENT, WATER, IRON RODS, WOOD, NAILS,
 - STORAGE FACILITIES: TEMPORAL WOODEN STRUCTURE OR METAL CONTAINERS FOR THE STORAGE OF CONSTRUCTION MATERIALS ON SITE.
 - WASTE BY-PRODUCTS: EXCAVATED EARTH MATERIALS, CONSTRUCTION WASTE, CLEARED VEGETATION AND WOOD PIECES.

Scope of proposal (size of labor force, equipment and machinery, installed production capacity, product type, area covered by facility/proposal, market)

- SIZE OF LABOUR
- EQUIPMENT & MACHINERY: EXCAVATORS, CONCRETE MIXERS, COMPACTORS, AND GENERAL CONSTRUCTION EQUIPMENTS AND TOOLS
- AREA COVERED BY THE PROJECT: 4.23 ACRES (1.72 HECT)
- MARKET: YOUNG AFRICAN PROFESSIONALS WITHIN THE SUB-REGION, ACADEMIA, RESEARCH INSTITUTIONS AND INDUSTRY, LOCALLY AND INTERNATIONAL PARTNERSHIPS.

2. PROJECT SITE

(Location attach a site plan/map)

Plot/House No..... Street/Area Name DUAKOR ROAD
Town CAPE COAST District CAPE COAST METROPOLITAN ASSEMBLY Region CENTRAL REGION
Major Landmarks (if any) CAPE COAST UNIVERSITY, WEST GATE, DUAKOR ROAD
Current Zoning UNIVERSITY OF CAPE COAST (ACADEMICS) (EDUCATION)

Distance to the nearest residential and or other facilities (in meters) provide coordinates (where possible)

DUAKOR COMMUNITY, ABOUT 300 METERS AWAY FROM UCC

Adjacent land uses (existing and proposed) – (Describe in details and attach pictures)

- NORTH : UCC ENTERPRISE WATER PRODUCTION FACILITY
- EAST : DUAKOR ROAD
- WEST : UNDEVELOPED
- SOUTH : UCC WEST GATE

Site description (immediate activities and adjacent land uses should be described)

- THE PROPOSED SITE IS CURRENTLY UNDEVELOPED.
- THE PROPOSED SITE IS LOCATED ON PLOT OF LAND NEAR THE UCC WEST GATE TOWARDS DUAKOR ROAD AT UCC OLD SITE. THE GPS LOCATION OF THE SITE IS $5^{\circ}6'8''N$ $1^{\circ}17'5''W$.
- ON THE NORTHERN END IS THE UCC ENTERPRISE WATER PRODUCTION FACILITY
- ON THE SOUTH-WESTERN END IS THE DUAKOR COMMUNITY
- ON THE EASTERN SIDE IS THE DUAKOR ROAD FROM THE UCC WEST GATE ENTRANCE TO UCC
- ON THE SOUTHERN END IS THE TAKORADI - CAPE-COAST-ACCRA ROAD WHICH IS ABOUT 2.50M SOUTH OF THE SITE.

3. INFRASTRUCTURE AND UTILITIES

Structures (building and other facilities proposed or existing on site) ⁽¹⁾ GROUND FLOOR : OFFICES FOR ACADEMIC, RESEARCH AND ADMINISTRATION, RECEPTION AND ENTRANCE HALL, LOBBY, ENTRANCE TERRACE (2) FIRST FLOOR : MINI AUDITORIUM, SYNDICATE MEETING ROOMS, ICT LAB, OFFICES (3) SECOND FLOOR : LIBRARY, OFFICES, STUDY BOOTHS, RESEARCH COMMONS, INCUBATION CENTRE (4) THIRD FLOOR : LIBRARY, OFFICES, LAB (5) FOURTH FLOOR : OUTDOOR SITING AREA, RESTAURANT, ROOKIES ROOF BELOW (6) FIFTH FLOOR : ROOMS AND OFFICES

Access to water (source, quantity)

- SUPPLY OF WATER BY GHANA WATER COMPANY LIMITED (GWCL)
- THE ESTIMATED TOTAL DEMAND FOR POTABLE WATER FOR THE DEVELOPMENT WILL RANGE BETWEEN 50 TO 100 CM³ PER DAY

Access to power (type, source and quantity)

ELECTRICITY WILL BE SUPPLIED BY ELECTRICITY COMPANY OF GHANA (ECG)

Draining provision in the project area

THE SITE IS CONNECTED BY THE MAIN DRAIN THAT TAKES IT SOURCE FROM AMEEN SANGARE SOAP FACTORY AND TRAVERSES THE SOUTHERN END OF THE SITE TOWARDS THE DUKOR COMMUNITY

Nearness to water body

Access road to project site

THE ACCESS ROADS TO THE PROJECT SITE ARE THE TAKORADI - CAPE COAST - ACCRA ROAD AND THE UCC WEST GATE - DUKOR ROAD

Other major utilities proposed or existing on site (eg. sewerage, etc)

4. ENVIRONMENTAL IMPACTS

Potential environmental impacts of proposed undertaking (both constructional and operational phases)

CONSTRUCTION PHASE	OPERATION PHASE
- EFFECTS ON DRAINAGE	- OCCUPATIONAL HEALTH & SAFETY HAZARDS
- EFFECTS ON BIOTA	- SULLAGE AND SEWAGE GENERATION & DISPOSAL
- EFFECTS ON ACCESS & TRANSPORT SYSTEMS	- SOLID WASTE GENERATION & DISPOSAL
- EFFECTS ON EXISTING UTILITIES INCLUDING WATER, ELECTRICAL ETC.	- EMERGENCY RESPONSE TO FIRE HAZARDS
- OCCUPATIONAL HEALTH & SAFETY	- IMPROVED INFRASTRUCTURES FOR RESEARCH AND LEARNING
- DUST EMISSIONS	- IMPROVED WORKERS WELLBEING AND EFFICIENCY
- MANAGEMENT OF CONSTRUCTION WASTES	- CREATION OF EMPLOYMENT OPPORTUNITIES
- VISUAL IMPACT	
- EMPLOYMENT GENERATION FOR PROFESSIONALS & ARTISANS	

5. CONCERNS

Views of immediate adjoining neighbor's and relevant stakeholders (if applicable provide evidence of consultation to facilitate identification of key issues/impacts)

INDICATE PERSONS / INSTITUTIONS CONSULTED AND THEIR VIEWS AND CONCERNS IN THE TABLE BELOW				
No	Name	Contact Tel/ Email	Location In Relation To (North South East West) Project Site	Concerns / Issues
1	PROF. JOHNSON NYARKO BOAMPONG (VC)		UCC	NO OBJECTION
2	ESTATE DEPARTMENT (UCC)		UCC	NO OBJECTION
3	DUAKEZ COMMUNITY		SOUTH WEST	NO OBJECTION
4				
5				

6. MANAGEMENT OF IMPACTS AND ENVIRONMENTAL ENHANCEMENT MEASURES

CONSTRUCTION PHASE	OPERATION PHASE
<p>- EFFECTS ON BIOTA (LOSS OF FLORA & FAUNA) - CLEARING VEGETATION ONLY IN CONSTRUCTION AREAS AND DEMARCATED AREAS WHERE NO CLEARING WILL OCCUR. LANDSCAPING UPON COMPLETION OF CONSTRUCTION.</p> <p>- EFFECTS ON DRAINAGE: DRAINAGE SYSTEM WILL ENSURE STORM SURFACE WATER FLOW IS CHANNELLED INTO PUBLIC DRAINS TO CONTROL FLOODING</p> <p>- EFFECTS ON TRAFFIC; INSTALLATION OF ROAD SIGNS SPEED LIMIT FOR TRAFFIC CONTROL</p> <p>- CONSTRUCTION WASTES MGT ADOPT STANDARD WASTE MGT PRACTICES INCLUDING REDUCTION, REUSE AND RECYCLING</p>	<p>- GENERATION OF WASTES: USE WASTE MINIMISATION TECHNIQUES</p> <p>- EMERGENCY RESPONSE MEASURES AND TRAFFIC CONTROL SYSTEMS WILL BE PUT IN PLACE</p> <p>- OCCUPATIONAL HEALTH & SAFETY PROVISIONS TO ALL WORKERS</p>

7. ATTACHMENTS

Tick appropriate box indicating that the following required documents have been attached.

- Authentic site plan (signed by a licensed surveyor and certified by survey dept.)
- Block plan of the site
- Photographs of the site
- Zoning letter from Town and Country Planning Department (TCPD)
- No objection letter from the National Petroleum Authority (NPA) (For Petroleum Products retail outlets (FSS & LPG)) *NOT APPLICABLE*

8. DECLARATIONS

I,hereby declare that the information provided on this form is true to the best of my knowledge and shall provide any additional information that shall come to my notice in the course of processing the application. I also declare that the information provided is true.

.....
.....

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Signature

.....
Date

Use additional sheets where the spaces provided are inadequate.

