

**MBA CONSULT LIMITED**

# **STATEMENT of Qualification & Experience**

OCTOBER 8TH 2020



...Re-defining Safety & Environment Standards





# **Re-defining Safety, Environment & Fire Standards**



## CONTACT DETAILS

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**CONTACT PERSON:**

Kwadwo Asah

**POSITION:**

Director

# 1.0

## ABOUT MBA CONSULT LIMITED



...Re-defining Safety & Environment Standards



## 1.0 About MBA Consult Limited

### Achievements/Key Areas of Expertise

MBA Consult Limited, first registered as a sole proprietor in 2008 and later (in 2010) as a limited company is one of the leading safety and environment consulting firms in Ghana. Over a decade, MBA Consult Limited has been at the forefront of providing expert safety and environment consultancy services to businesses and organizations in Ghana with enviable results and achievements.

MBA works with its Clients to address/resolve their challenging environment and health and safety issues/problems. We combine expertise from various technical and scientific disciplines to provide our Clients with the best and most responsive consulting service/

advice, whether responding to or addressing existing environment and health & safety challenges, evaluating opportunities to improve performances, or seeking to reduce future liabilities. Our Clients benefit from our unique ability to bring clarity to issues at the crossroad of science, business and policy.

Since 2008, we have successfully pursued our core mission of providing our Clients with expert consultancy services by applying the highest level of technical, strategic, managerial and industry expertise. Between July 2016 and February 2020, one of the Directors of MBA, Mr. Kwadwo Asah was the Environment, Social and Permits Manager for

## 1.0 About MBA Consult Limited

### Achievements/Key Areas of Expertise

AECOM on Ghana's biggest projects (\$1.5bn and \$9M projects respectively), Tema Port Expansion Project (TPEP) and Beach Road Junction Project (BRJP) undertaken by Meridian Port Services (MPS) and Ghana Ports and Harbours Authority (GPHA) in Ghana. On TPEP and BRJP, Mr. Kwadwo Asah was responsible for overseeing execution of offshore and onshore environment, social and permit deliverables of AECOM and 3 principal contractors which included meeting requirements of the Performance Standards of the project's financier, the International Finance Corporation (IFC). Through Kwadwo Asah's demonstrated high technical, managerial skills and hard work on TPEP, the

environment, social and permit contractual, regulatory and financing requirements/conditions of the 2 projects were met.

MBA has undertaken fortune 33+ Environmental Assessment (EA) studies consisting of Environmental and Social Impact Assessment (ESIA) studies and Preliminary Environmental Assessment (PEA) Studies for various development projects/ Clients including leading the acquisition processes for Environmental Permit (EP) for the Clients.

MBA has undertaken 4 Environmental and Social Due Diligence (ESDD) Studies/



## 1.0 About MBA Consult Limited

### Achievements/Key Areas of Expertise

Assessments using national regulations and Performance Standards (PS) of the International Finance Corporation (IFC) on 4 developments in Ghana of which the methodology/approach and resultant reports that were prepared were accepted by the financial intermediaries that requested for the studies/assessments. These allowed for achievement of financial closure and subsequent disbursement of funds for the intended purposes.

Ridge in Accra for Ecobank Ghana Limited, Standard Chartered Bank Limited head office building in Accra, West Hills Mall at Weija in Accra, Accra Mall, Achimota Retail Centre (ARC), Kumasi City Mall (KCM) in Kumasi etc. Through MBA's expert management/supervision services, enviable milestones of 1 million and 2 million hours of work without Lost Time Injury (LTI) were achieved on the projects. MBA marked these achievements with celebration and award events.

MBA has undertaken 18+ construction Environment, Health and Safety (EHS) Supervision assignments/projects in Accra and other parts of the country over the past decade. Among these assignments/projects are the ultra-modern head office building at

MBA has carried out 4 health & safety and environment audits as part of its portfolios over the decade, of which audit recommendations/corrective actions were implemented to improve performances and reduce current and future liabilities of the Clients.



## 1.0 About MBA Consult Limited

### Achievements/Key Areas of Expertise

Helping businesses/Clients to meet their environment legal responsibilities has been one of MBA's focal areas of expertise and service provision. Legal compliance is concerned with submission requirements which includes Environmental Management Plan (EMP) and Annual Environmental Report (AERs) required of every company/business for which Environmental Permit has been granted to by Ghana's EPA. MBA has assisted fortune 22+ businesses to prepare EMP and AER on their operations/activities for submission to Ghana's EPA including implementation of commitments contained in the reports.

MBA has provided EHS awareness and capacity building training both as in-house and general training for a number of companies including some of Ghana's leading mining companies – Golden Star Resources, Chirano Gold Mine, Ghana Manganese Company Limited, Sakofa Prestea Limited etc.

MBA provides consultancy services in fire protection and certification. We have assisted a number of businesses and organizations to equip themselves with fire detection and fighting equipment including obtaining Fire Certificates from Ghana National Fire Service (GNFS) for their installations/facilities.

## 1.0 About MBA Consult Limited

### Summary of Key Expertise/Competencies/Skills

- Experts in International Finance Corporation (IFC) Performance Standards, World Bank Group (WBG) Environmental and Social Framework and African Development Bank (AfDB) Safeguard Policies
- Experts in national regulations and guidelines
- High performing, result-oriented Environment & Social (E&S) and Health and Safety (H&S) consultancy firm with considerable working experiences in marine, construction and extractive sectors
- Leading and managing E&S and H&S professionals/teams and Contractors on projects
- Exemplary problem-solving, leadership, communication and writing skills
- Good understanding/appreciation of marine (offshore) and onshore environmental and social impacts and risks associated with projects and management of the impacts and risks thereof.
- Setting project's E&S and H&S standards/specifications and supervising execution/compliance with the standard/specification particularly on construction projects/civil works.
- Excellent working relationship with government institutions with EHS responsibilities
- Work effectively with multi-national/multi-cultural professionals in demanding work environment
- Fast and reliable consultancy services
- Qualified and experienced consultants

# Subsidiaries



...Re-defining Safety & Environment Standards

**MBA Safety Ghana Limited** was carved out of MBA Consult Limited in 2015 as a safety and fire equipment company. Today, MBA Safety Ghana Limited is one of the leading suppliers of safety and fire equipment in Ghana.

## OUR SERVICES/PRODUCTS



Informed Awareness & Education

**Safeenvironment Education Foundation (SEEF)**, registered in 2010 is a corporate responsibility initiative of MBA involved in safety and environment awareness and educational programs/activities.

## SAFETY AND ENVIRONMENT AWARENESS AND EDUCATION

- Safety and Environment Moment (S&E Moment)
- National Safety and Environment Award
- Schools Safety and Environment Clubs
- Church Safety and Environment Awareness and Education

1.0

## About MBA Consult Limited



### VISION

To be recognized as the leading and widely known safety and environment consultancy and training service provider both locally and internationally.



### MISSION

We provide expert and practical consultancy service and training at world-class standards to meet the safety and environment needs of our clients.



### VALUES

**Integrity** – we demonstrate integrity in how we work and behave, being honest and truthful to ourselves and our Clients.

**Professionalism** – we believe that all that we do is implicitly and explicitly in the interest of both our Company and Clients. We equip our staff to carry out their work with the utmost level of professionalism, expertise and objectivity.

**Reliability** – we understand the time-sensitivity of our services and work diligently to meet timelines of Clients.

**Continual Improvement** – we are in a business of continuous improvement - not necessarily by addition of assets and funds, but by elimination of waste from our activities and use of innovative and best practices to meet the needs and expectations of our Clients.

# 2.0

## DISCIPLINES/ SERVICES



...Re-defining Safety & Environment Standards



## 2.0 Disciplines/Services

### MARINE/MARITIME SECTOR (OFFSHORE/MARINE ENVIRONMENT SERVICES) – PORTS/TERMINALS / OIL & GAS SECTORS



- Establishing Management Systems
- Fisheries Impact Assessment/Studies
- Dredging & Reclamation Impact Assessment & Management
- Monitoring and Reporting in compliance with national regulations, IFC Performance Standards & World Bank Group Environmental and Social Framework (ESF)
- Stakeholder Engagements
- Permits/approvals and permissions Acquisition and Management
- Construction Environment & Social (E&S) and Health & Safety (H&S) Supervision



## 2.0 Disciplines/Services



### ENVIRONMENTAL & SOCIAL IMPACT ASSESSMENT (ESIA)

- Impact Assessment & Permitting
- Mitigation/Control Measures
- Environmental & Social Management Framework (ESMF)
- Environmental & Social Management Plans (ESMP)



### ENVIRONMENTAL & SOCIAL DUE DILIGENCE (ESDD)

- ESDD in line with National Regulations, IFC Performance Standards and WBG ESF



## 2.0 Disciplines/Services



### CONSTRUCTION ENVIRONMENT, HEALTH & SAFETY (EHS) SUPERVISION

- Establishing Environment, Health and Safety (EHS) Standards/Specification
- Construction Stage EHS Management
- Construction Stage EHS Supervision
- Compliance Reporting



### SAFETY & ENVIRONMENT AUDITS/RISK ASSESSMENT

- Safety Audits
- Environment Audits



## 2.0 Disciplines/Services



### LEGAL COMPLIANCE ASSISTANCE

- Environmental Management Plan (EMP)
- Annual Environmental Reports (AER)
- Advisory



### SAFETY AND ENVIRONMENT TRAINING

- In-house HSE capacity building training
- General HSE training
- ISO Training

## 2.0 Disciplines/Services



### FIRE SAFETY MANAGEMENT

- Fire Certification
- Fire Strategy
- Fire Training
- Safety & Fire Equipment

# 3.0 PROJECTS UNDERTAKEN



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# 3.1

## Marine/Maritime Sector (Offshore/Marine Environment Services) – Ports/Terminals / Oil & Gas Sectors



### A. Tema Port Expansion Project (TPEP)

**DATE:** July 2016 – February 2020

**LOCATION:** Tema, Ghana

**CLIENT:** Meridian Port Services (MPS) & Ghana Ports and Harbours Authority (GPHA).

#### PROJECT DESCRIPTION:

Construction work on a greenfield container terminal west of the existing Port of Tema in Ghana to replace the existing Tema Port. Construction works were in 2 parts – offshore and onshore, and included construction of breakwater, dredging and reclamation works, quay wall construction and associated port facilities.

#### EMPLOYING COMPANY:

AECOM Professional Services (Ghana) Limited as the Project Management Company (PMC) employed by the Client to supervise the construction works

#### POSITION HELD:

Environment, Social and Permit (ESP) Department/Team

#### PROFESSIONAL STAFF:

9 (Kwadwo Asah; Dr. Francis Ofori-Darko; Henry Okine; Francis Okyere; Godwill

Ettibuah; Winnie Delali Abuku; Christian Adjei Dompheh; Eliplim Mevemeo, Delight Sozah

#### SCOPE OF SERVICES:

Offshore and Onshore Environment & Social Management/Supervision

#### ACTIVITIES PERFORMED

- ii. Reviewed Project's Environment and Social (E&S) Standards and made recommendations for improvement
- ii. Set/developed the project's permit/permission standard/requirements and monitored acquisition of the permits
- iii. Managed the E&S works of 3 Principal Contractors engaged by the Client to undertake the construction works.
- iv. Monitored day-to-day construction activities of the 3 Contractors including their associated facilities such as quarries

# 3.1

## Marine/Maritime Sector (Offshore/Marine Environment Services) – Ports/Terminals / Oil & Gas Sectors



### A. Tema Port Expansion Project (TPEP)

**DATE:** July 2016 – February 2020

**LOCATION:** Tema, Ghana

**CLIENT:** Meridian Port Services (MPS) & Ghana Ports and Harbours Authority (GPHA).

- v. Reviewed and approved Contractors E&S deliverables, including tracking to ensure timely submission to deliverables – Method Statements, Plans, reports, etc.
- vi. Supervised working to the IFC Performance Standards and WBG EHS General Guidelines, and meeting requirements of the standards and guidelines.
- vii. Coordinated supervision visits to the project site by officials of IFC
- x. Coordinated and supervised all stakeholder engagements
- xi. Advised and supervised meeting compliance with national laws and regulations
- xii. supervision of offshore and onshore monitoring programs and reporting to Ghana's EPA, IFC, Fisheries Commission, Forestry Commission etc.

#### KEY/NOTABLE ACHIEVEMENTS

- Zero Environmental fines
- Full Compliance with national regulations
- Full Compliance with IFC Performance Standards
- No Environmental Incidents/ Damage

#### ACTIVITIES PERFORMED

- viii. Supervised acquisition of all permits & permissions needed to make way for construction works including compliance with permit conditions
- ix. Acted as the liaison or interface between the Client and the 3 Contractors on all E&S and permit issues.

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies /Projects



### A. Airport City II Site & Services Scheme (SSS)

**DATE:** September 2019 – January 2020

**LOCATION:** Accra, Ghana

**CLIENT:** Ghana Airports Company Limited (GACL)

#### PROJECT DESCRIPTION:

Development of Airport City II (ACII) Site and Services Scheme (SSS) on 272.39 acres (110.23 hectares) land situated to the west of Kotoka International Airport (KIA) in Accra. The development is a high-end market mixed-use commercial precinct Site and Service Scheme (SSS) which is aimed at enhancing the economic and commercial value of the airport, i.e. KIA

#### EMPLOYING COMPANY:

GACL via Brightwater Property Investment Limited (Project Management Company).

#### POSITION HELD:

Environment, Social and Health & Safety Consultant

#### SCOPE OF SERVICES:

Environmental & Social Impact Assessment (ESIA) & Permitting & Construction Environment, Social and Health & Safety Supervision

#### PROFESSIONAL STAFF:

Kwadwo Asah; Rosina Mirekua Tieku; Christian Adjei Dompheh

#### ACTIVITIES PERFORMED:

- i. Undertook a visit to the project site to gather basic environmental & social information
- ii. Registered the project with Ghana's EPA
- iii. Undertook baseline studies
- iv. Undertook extensive consultation/engagements with relevant stakeholders
- v. Scoped the ESIA study and submitted scoping report (including appropriate Terms of Reference) to Ghana's EPA
- vi. Undertook the ESIA study
- vii. Prepared Environmental & Social Management Framework (ESMF) for submission to Ghana's EPA for consideration for Environmental Permit (EP)

#### KEY/NOTABLE ACHIEVEMENTS

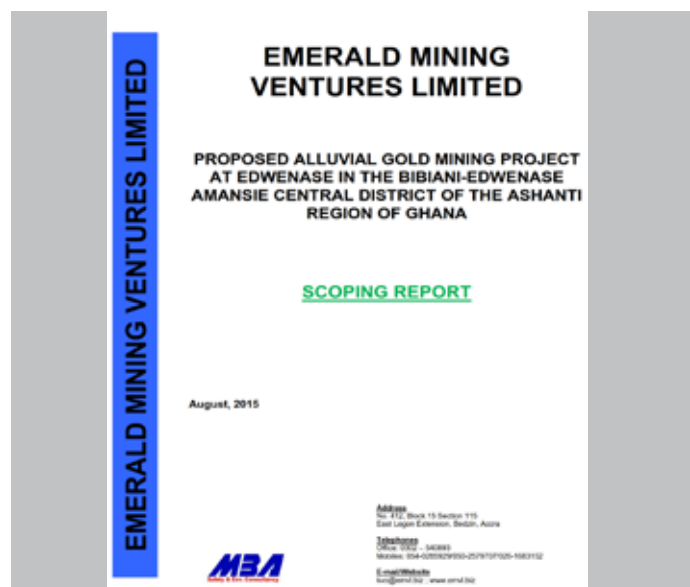
Full compliance with Ghana's Environmental Impact Assessment (EIA) procedures

ESMF approved by Ghana's EPA  
Environmental Permit (EP) granted to GACL by Ghana's EPA



## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### B. Alluvial Gold Mining Project

<b>DATE</b>	<b>July 2015 - August 2015</b>
<b>LOCATION</b>	<b>Edwenase In the Bibiani-Edwenase Amansie Central District of The Ashanti Region of Ghana</b>
<b>CLIENT</b>	<b>Emerald Mining Ventures Limited</b>

#### PROJECT DESCRIPTION

Emerald Mining Ventures Limited acquired a mining concession of approximately 61.09 sq.km located at Edwenase and Aduntia farming villages in Bibiani-Edwenase Amansie Central District of the Ashanti Region of Ghana to prospect for gold and subsequently mine gold.

MBA Consult Limited was engaged by Emerald in July 2015 to undertake the Environmental Impact Assessment (EIA) study on the proposed gold mine. MBA Registered the proposed gold mine with Ghana EPA and proceeded to scope and prepare the scoping report which included the Terms of Reference (TOR). The scoping report was accepted and approved by Ghana's EPA, but the project stalled after the scoping exercise.

#### POSITION HELD

Environment Consultant

#### SCOPE OF SERVICES

Environmental & Social Impact Assessment (ESIA)

#### PROFESSIONAL STAFF

Kwadwo Asah; Leslie Asamoah

#### ACTIVITIES PERFORMED

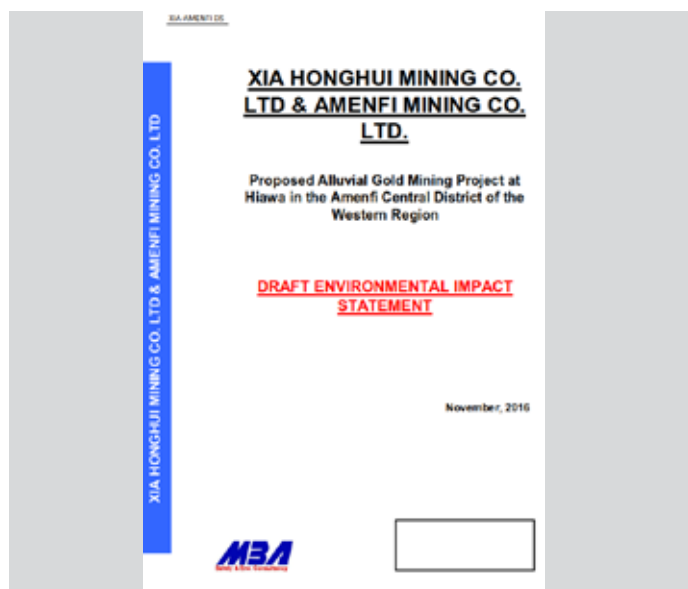
- Undertook a visit to the concession to gather basic environmental and social information to register the project and commence the ESIA study
- Registered the proposed mining project with Ghana's EPA
- Undertook baseline studies
- Undertook extensive consultation/engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report (including Terms of Reference) to Ghana's EPA
- Undertook the ESIA study
- Project was halted

#### KEY/NOTABLE ACHIEVEMENTS

Scoping report was accepted and approved by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### C. Alluvial Gold Mining Project

<b>Date</b>	<b>October 2015 –September 2016</b>
<b>Location</b>	<b>Hiawa, near Bogoso in the Western Region of Ghana</b>
<b>Client</b>	<b>Xia Honghui Mining Company Limited</b>

#### PROJECT DESCRIPTION

Xia Honghui Mining Company Limited and Amenfi Mining Company entered into a Joint Venture (JV) in 2004 to develop a 63.0 km<sup>2</sup> alluvial gold concession at Hiawain the Amenfi Central District of the Western Region of Ghana. MBA Consult Limited was appointed by the XIA to undertake the Environmental and Social Impact Assessment (ESIA) study on the proposed mining project and submit Environmental Impact Statement (EIS) to Ghana's EPA for consideration for Environmental Permit

#### EMPLOYING COMPANY

Xia Honghui Mining Company Limited

#### POSITION HELD

Environment & Social Consultants

#### SCOPE OF SERVICES

Environmental & Social Impact Assessment (ESIA) Study

#### PROFESSIONAL STAFF

Kwadwo Asah; Leslie Asamoah; Rosina MirekuaTiekua

#### ACTIVITIES PERFORMED

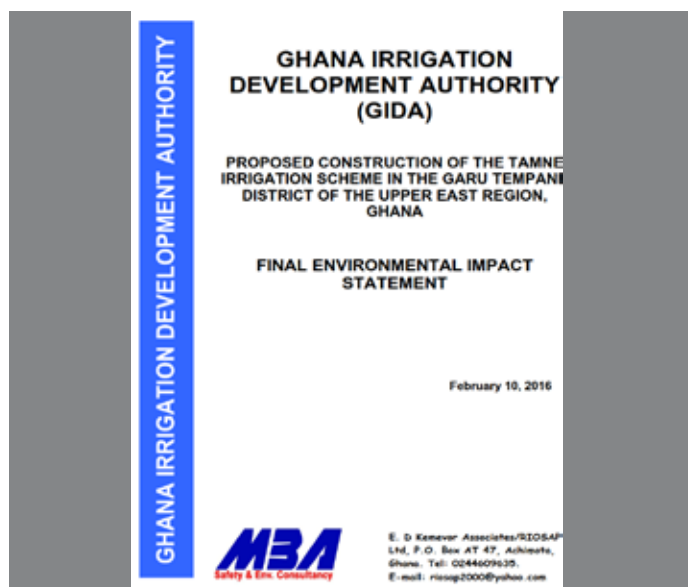
- Undertook a visit to the concession to gather basic environmental and social information to register the project and commence the ESIA study
- Registered the proposed mining project with Ghana's EPA
- Undertook baseline studies
- Undertook extensive consultation/ engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report (including Terms of Reference) to Ghana's EPA
- Undertook the ESIA study
- Prepared Draft Environmental Impact Statement (EIS) to EPA.
- Prepared Final EIS (with comments on draft EIS addressed and incorporated) to EPA.
- Environmental Permit was granted to XIA by Ghana's EPA

#### KEY/NOTABLE ACHIEVEMENTS

Full compliance with Ghana's Environmental Impact Assessment (EIA) procedures  
 Prepared Environmental Impact Statement (EIS)  
 Environmental Permit (EP) granted to XIA by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### D. Tamne Irrigation Scheme/Project

<b>Date</b>	<b>February 2015 – February 2016</b>
<b>Location</b>	<b>Garu Tempene, Bawku in the Upper West Region of Ghana.</b>
<b>Client</b>	<b>Ghana Irrigation Development Authority (GIDA)</b>

#### PROJECT DESCRIPTION

The Tamne Irrigation Project is a project by the Ghana Irrigation Development Authority within the Bawku Municipality, Binduru and Garu Tempene Districts of the Upper East Region of the Northern Region of Ghana. The project consisted of a net irrigable area of 1,500 ha out of the total area of 2,115 ha earmarked for the project, and will employ both gravity and lift system from the embankment dam reservoir at the downstream of the Tamne/Gagbiri confluence points.

MBA Consult Limited was engaged by the Project Managers, E. E. D Kemevor & Associates/Riosap to undertake the Environmental and Social Impact Assessment (ESIA) Study and apply for Environmental Permit from Ghana's EPA to allow the project to proceed.

#### EMPLOYING COMPANY

RIOSAP (Project Management Company - PMC)

#### POSITION HELD

Environment, Social and Health & Safety Consultants

#### SCOPE OF SERVICES

Environmental & Social Impact Assessment (ESIA) Study

#### PROFESSIONAL STAFF

Kwadwo Asah; Leslie Asamoah; Rosina Mirekua Tieku

#### ACTIVITIES PERFORMED

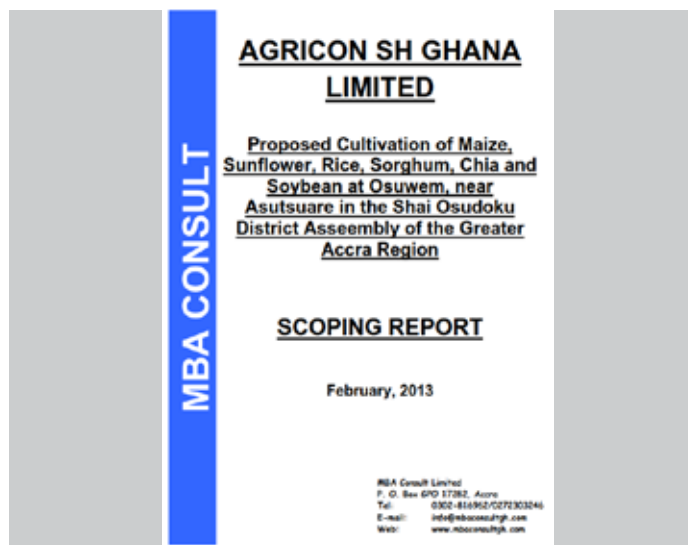
- Undertook a visit to the project site to gather basic information within the project's footprint and Area of Influence (Aoi)
- Registered the project with Ghana's EPA
- Undertook baseline studies
- Undertook extensive consultation/engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report to EPA
- Undertook the ESIA study
- Prepared Draft Environmental Impact Statement (EIS) to EPA.
- Prepared Final EIS (with comments on draft EIS addressed and incorporated) to EPA. Environmental Permit was granted to the company.

#### KEY/NOTABLE ACHIEVEMENTS

- Full compliance with Ghana's Environmental Impact Assessment (EIA) procedures
- Prepared Environmental Impact Statement (EIS)
- Environmental Permit (EP) was granted to Ghana Irrigation Development Authority (GIDA) by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### E. Cultivation of Maize, Sunflower, Rice, Sorghum, Chia and Soyabean

<b>Date</b>	<b>August 2012 – February 2013</b>
<b>Location</b>	<b>Osuwem near Asutsuare in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana</b>
<b>Client</b>	<b>Agricon SH Ghana Limited</b>

#### PROJECT DESCRIPTION

Mechanized (irrigated) farming on a 7940.851 acres (3213.663 hectares) of land at Osuwem near Asutsuare in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana.

#### EMPLOYING COMPANY

Agricon SH Ghana Limited

#### POSITION HELD

Environment Consultant

#### SCOPE OF SERVICES

Environmental & Social Impact Assessment (ESIA)

#### PROFESSIONAL STAFF

Kwadwo Asah, Anna Awity

#### ACTIVITIES PERFORMED

- Undertook a visit to the concession to gather basic environmental and social information to register the project and commence the ESIA study
- Registered the proposed mining project with Ghana's EPA
- Undertook baseline studies

- Undertook extensive consultation/engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report (including Terms of Reference) to Ghana's EPA
- Undertook the ESIA study
- Project was halted

#### KEY/NOTABLE ACHIEVEMENTS

Scoping report was accepted and approved by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### F. Alluvial Gold Mining Project

<b>Date</b>	<b>August 2012 – October 2012</b>
<b>Location</b>	<b>Akoko Goldfields Mining Project, situated at Potrase in the Eastern Region of Ghana</b>
<b>Client(s)</b>	<b>Akoko Goldfields Limited &amp; Golden Sunshine Mining Company Limited</b>

#### PROJECT DESCRIPTION

Alluvial gold mining on a mining lease covering an area of 28.07km<sup>2</sup> at Potrase and Odumasi in the East Akyem Municipal Assembly of the Eastern Region of Ghana

#### EMPLOYING COMPANY

Integrated Environmental and Resource Management System (IERMS), main consultant appointed by the Client

#### POSITION HELD

Associate Environment & Social Consultant responsible for baseline studies and stakeholder engagement

#### SCOPE OF SERVICES

Environmental & Social Impact Assessment (ESIA)

#### PROFESSIONAL STAFF

Kwadwo Asah, Leslie Asamoah, Rosina Mirekua Tiekua

#### ACTIVITIES PERFORMED

- Undertook a visit to the concession to gather basic environmental and social information to register the project and commence the ESIA study
- Registered the proposed mining project with Ghana's EPA
- Undertook baseline studies
- Undertook extensive consultation/engagements with relevant stakeholders
- Coordinated Public Hearing
- Prepared the social component of the Environmental Impact Statement (EIS)

#### KEY/NOTABLE ACHIEVEMENTS

Environmental Permit was granted to the company by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### G. Warehouse and Incinerator for Storage and Disposal of Cyanide Waste

<b>Date</b>	<b>June 2010 – January 2011</b>
<b>Location</b>	<b>Dompim, near Tarkwa in the Tarkwa-Nsuam Municipality of the Western Region of Ghana.</b>
<b>Client</b>	<b>Allship Logistics Limited, Tema, Ghana</b>

#### PROJECT DESCRIPTION

Design and construction work on a warehouse and incineration plant for storage of cyanide and incineration of packing materials after delivery to the mining companies. MBA Consult Limited was engaged by the Client to undertake the ESIA study on the project.

#### EMPLOYING COMPANY

Allship Logistics Limited

#### POSITION HELD

Environment & Social Consultant

#### SCOPE OF SERVICES

Environmental & Social Impact (ESIA) Assessment/Study

#### PROFESSIONAL STAFF

Kwadwo Asah; Kwaku Asante Aboagye

#### ACTIVITIES PERFORMED

- Undertook visit to the project area to gather basic environmental and social information
- Registered the project with Ghana's EPA

- Undertook baseline studies
- Undertook extensive consultation/engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report to EPA
- Undertook the ESIA study
- Prepared Draft Environmental Impact Statement (EIS) to EPA.
- Prepared Final EIS (with comments on draft EIS addressed and incorporated) to EPA. Environmental Permit was granted to the Client.

#### KEY/NOTABLE ACHIEVEMENTS

Environmental Permit was granted to Allship Logistics Limited by Ghana's EPA



## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### H. Power Distribution in the Free Zone Trade Enclave in Tema, Ghana

<b>Date</b>	<b>March 2009 – May 2009</b>
<b>Location</b>	<b>Tema, Ghana</b>
<b>Client(s)</b>	<b>Enclave Power Company (EPC) Limited</b>

#### PROJECT DESCRIPTION

Enclave Power Company Limited proposed to apply for and obtain licence from the Energy Commission to enable the company distribute power to companies/factories within the Freezone Trade Enclave in Tema, Ghana. Documentation to support the application included Environmental Permit and Environmental Management Plan (EMP). MBA Consult Limited was engaged by Enclave Power to undertake the EIA study on the project and prepare EIS for submission to EPA for consideration for the permit and to also prepare EMP to manage potential impacts from the operations for consideration for License from Energy Commission of Ghana.

#### EMPLOYING COMPANY

EPC Limited

#### POSITION HELD

Environment and Social Consultant

#### SCOPE OF SERVICES

Environmental and Social Impact Assessment (ESIA) Study

#### PROFESSIONAL STAFF

Kwadwo Asah

#### ACTIVITIES PERFORMED

- Undertook a visit to the project area to gather basic information
- Registered the project with Ghana's EPA
- Undertook baseline studies
- Undertook extensive consultation/engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report to EPA
- Undertook the ESIA study
- Prepared Draft Environmental Impact Statement (EIS) to EPA.
- Prepared Final EIS (with comments on draft EIS addressed and incorporated) to EPA. Environmental Permit was granted to Enclave Power Company Limited.

#### KEY/NOTABLE ACHIEVEMENTS

Environmental Permit was granted to EPC by Ghana's EPA



## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### I. Transmission Lines from Ghana to Togo under the West African Power Pool (WAPP) Project

<b>Date</b>	<b>March 2009 – May 2009</b>
<b>Location</b>	<b>Volta Region (Ghana) – Togo Border</b>
<b>Client</b>	<b>Electricity Company of Ghana (ECG)</b>

#### PROJECT DESCRIPTION

The Government of Ghana via ECG was to transmit power from Ghana to Togo under the West African Power Pool (WAPP) Project. Transmission lines were to be constructed from Ghana to Togo, and across Ghana-Togo border. The requirements included Environmental Permit from Ghana's EPA. MBA was engaged by ECG to undertake ESIA study for submission to EPA for consideration for the Environmental Permit.

#### EMPLOYING COMPANY

Electricity Company of Ghana (ECG)

#### POSITION HELD

Environment & Social Consultant

#### SCOPE OF SERVICES

Environmental and Social Impact Assessment (ESIA) Study

#### PROFESSIONAL STAFF

Kwadwo Asah

#### ACTIVITIES PERFORMED

- Undertook a visit to the project area to gather basic information
- Registered the project with Ghana's EPA
- Undertook baseline studies
- Undertook a extensive consultation/ engagements with relevant stakeholders
- Scoped the ESIA study and submitted scoping report to EPA
- Undertook the ESIA study
- Prepared Draft Environmental Impact Statement (EIS) to EPA.
- Prepared Final EIS (with comments on draft EIS addressed and incorporated) to EPA. Environmental Permit was granted to ECG to proceed with the works.

#### KEY/NOTABLE ACHIEVEMENTS

Environmental Permit granted to ECG by Ghana's EPA

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### J. Environmental Assessment, i.e. Preliminary Environmental Assessment (PEA) and preparation of Preliminary Environmental Report (PER)

<b>Date</b>	<b>2009 - 2020</b>
<b>Location</b>	<b>As listed</b>
<b>Client(s)</b>	<b>As listed</b>

#### Project Description

The listed Clients/Companies needed Environmental Permits (EP) to allow them to operate. The scale and sizes of their respective undertakings did not require full EIA or ESIA as per Ghana's EIA procedures and screening, but rather Preliminary Environmental Assessments (PEA) and preparation of Preliminary Environmental Reports (PER) in line with Ghana's EIA procedures. MBA was engaged by the listed Clients/Companies to undertake the Environmental Assessment (EA) and prepare the requisite reports (i.e. Preliminary Environmental Reports) for consideration for Environmental Permit from Ghana's EPA.

#### EMPLOYING COMPANIES

Companies/Clients (as listed in the left column)

#### POSITION HELD

Environment Consultant

#### PROFESSIONAL STAFF

Kwadwo Asah; Leslie Asamoah; Rosina MirekuaTieku

#### ACTIVITIES PERFORMED

- i. Undertook inspection visits to each of the areas/sites earmarked for the undertakings.
- ii. Registered the undertakings with Ghana's EPA
- iii. Carried out baseline assessment studies
- iv. Consulted with relevant stakeholders
- v. Undertook the Impact Assessment Studies on the listed projects
- vi. Prepared Preliminary Environmental Reports (PERs) for submission to EPA.

#### KEY/NOTABLE ACHIEVEMENTS

Environmental Permits were granted to the companies based on each PER MBA prepared and submitted to EPA on behalf of the Clients/Companies.

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### J. Environmental Assessment, i.e. Preliminary Environmental Assessment (PEA) and preparation of Preliminary Environmental Report (PER)

<b>Date</b>	<b>2009 - 2020</b>
<b>Location</b>	<b>As listed</b>
<b>Client(s)</b>	<b>As listed</b>

### BUILDING PROJECTS

#### GHANA EDUCATION TRUST FUND (GETFUND)

4 Storey and 1 Level Basement Head Office Building at East Legon in the Accra Metropolitan District of the Greater Accra Region of Ghana, February 2020.

#### GHANA EDUCATION TRUST FUND (GETFUND)

Demolition of Existing Dilapidated Residential Building and Re-construction into storey multi-purpose office complex at East Legon in the Accra Metropolitan District of the Greater Accra Region of Ghana, February 2020.

#### BAY DEVELOPERS AND REALTY LIMITED (335 PROJECT)

14 Storey Office Complex Office Building at North Dzorwulu in the Accra Metropolitan District of the Greater Accra of Ghana, April 2016

#### SCRIPTURE UNION (THE UNION PROJECT)

12 Storey Office Building at Ridge in the Accra Metropolitan District of the Greater Region of Ghana, April 2016

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects



### J. Environmental Assessment, i.e. Preliminary Environmental Assessment (PEA) and preparation of Preliminary Environmental Report (PER)

<b>Date</b>	<b>2009 - 2020</b>
<b>Location</b>	<b>Various locations in Ghana as listed</b>
<b>Client(s)</b>	<b>Names as listed</b>

#### STONE QUARRIES

**Frank Law Limited**, located at Domeabra near Apegusu in the Asuogyaman District Assembly of the Eastern Region of Ghana, May 2012

**Frank Korus Multi-Purpose Limited**, located at Domeabra near Apegusu in the Asuogyaman District Assembly of the Eastern Region of Ghana, May 2012

**Fletcher International Services Ghana Limited**, located at Shai Hills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, June 2013

**David Amable**, located at Shai Hills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, April 2012

**Agape Royal Mining Limited**, located at Shai Hills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, September 2014

**Dynamo Enterprise**, located at Apimanyim in the ShamaAhanta East Metropolitan Assembly of the Western Region of Ghana, May 2012

**Generex Limited**, located at Shai Hills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, April 2012

**Action Quarry Ghana Limited**, located at Chinto in the Akuapem South Municipal Assembly of the Eastern Region of Ghana, May 2012

**MJ Quarry and Construction Limited**, located at AburaDunkwa in the Central Region of Ghana, January 2012

**Insokot Mining Company Limited**, located at Bentum in the Awutu Senya District Assembly of the Central Region of Ghana, April 2016

**Cymain Ghana Limited**, located at Yawkwei near Konongo in the Asante Akim South District of the Ashanti Region of Ghana, November, 2014

## 3.2

## Environmental & Social Impact Assessment (ESIA) Studies Projects

**Cymain Ghana Limited**, located at Pannor (Odawkweiman) near Nsawam in the Akwapem South Municipal Assembly of the Eastern Region of Ghana, October 2015

**Weccu Africa Quarries Limited**, located at Muete near Asutsuare in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, January 2016

**Quality Quarry Limited**, located at Fakyeneko in the Ga South District of the Greater Accra Region of Ghana, July 2016

**HDS Quarry Ghana Limited**, located at Shai Shills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, December 2014 & October 2017

**Eagle Star Construction Company Limited**

**Greenstone Quarry (GH) Limited**

**Bainbridge Ghana Limited**

### STEEL COMPANIES

**Sentuo Steel Company Limited**, Phase 2 – proposed rolling shell at the factory premises in the PkoneKatamanso District of the Greater Accra Region of Ghana, October 2014

### MANUFACTURING COMPANIES

**West Africa Cocoa Processing Limited**, a Cocoa Processing Plant in the Freezone Trade Enclave in Tema in the Greater Accra Region of Ghana, March 2014

**Nungua Warehouse Company Limited**, warehouse for Importation and Storage of Ethanol at Boankra near Ejisu in the Ejisu Juaben Municipality of the Ashanti Region of Ghana, February 2015

### Pharmaceutical Companies

**Senes Pharma Company Limited**, factory for mixing of liquefied and capsules/tablets at Kpone in the KponeKatamanso District Assembly of the of the Greater Accra Region of Ghana, May 2025

### SALT INDUSTRY

**Traction Salt Industry Limitedm**, located atSupredu near Mankesim in the Mfantseman Municipal Assembly of the Central Region of Ghana, April 2014

### PORT/TERMINALS COMPANIES

**Anold Peter Moller (APM) Terminals**, container terminal at Kokompe-Sekondi Takoradi, Western Region of Ghana, June 2013



## 3.3

## Environmental & Social Due Diligence in line with National Regulations & IFC Performance Standards



### A. Tema Port Expansion Project (TPEP)

<b>Date</b>	<b>January 2019 – September 2019</b>
<b>Location</b>	<b>TPEP Project Site; Prampram; Ningo</b>
<b>Client</b>	<b>Meridian Port Services (MPS)</b>

#### PROJECT DESCRIPTION

Sea Turtle No Net Loss (NNL) Assessment Report + Biodiversity Action Plan (BAP)

The TPEP, developed by MPS is located to the west of the existing Port of Tema. Phases 1 and 2 of the new port permanently covered 2km of the shoreline which is used for sea turtle for nesting. Since the 2km beach front shall be permanently lost to sea turtle, MPS was required to offset the impact by carrying out sea turtle protection activities/interventions at locations outside the project area. The project financiers, IFC requested for a due diligence to be conducted at both the construction site and offset sites, and based on findings from the assessment, prepare a Sea Turtle Biodiversity Action Plan (BAP) for implementation.

Mr. Kwadwo Asah led AECOM's Environment, Social and Permit (ESP) team to the undertake Due Diligence (DD) and prepare a report containing sea turtle conservation interventions (BAP) for implementation during construction and beyond.

#### EMPLOYING COMPANY

AECOM Professional Services (Ghana) Limited

#### POSITION HELD

Environment & Social Department/Expert

#### SCOPE OF SERVICES

Construction Environment & Social Supervision (Offshore + Onshore) Port Construction

#### PROFESSIONAL STAFF

Kwadwo Asah; Henry Okine; Delight Sozah; Christian Adjei Dompheh; Winnie Delali Abuku; Ebenezer Amo-Appiah; Andrews Agyekumhene

#### ACTIVITIES PERFORMED

- Undertook inspection visits to the proposed offset areas/sites at Prampram and Ningo in the Ningo-Prampram District of the Greater Accra Region of Ghana
- Engaged with all relevant stakeholders (Ghana's EPA, Wildlife Division of Forestry Commission, Fisheries Commission, District Assemblies etc.) to solicit inputs into the Due Diligence.
- Established sea turtle hatchery at the construction site
- Supervised daily beach patrols (at construction site and offset sites) including reporting
- Reviewed literature on sea conservation
- Prepared the due diligence report including BAP

#### KEY/NOTABLE ACHIEVEMENTS

The report/BAP was approved by IFC. Implementation of the plan is in progress.

## 3.3

# Environmental & Social Due Diligence in line with National Regulations & IFC Performance Standards



## B. Takoradi Mall

<b>Date</b>	<b>October 2018 – November 2018</b>
<b>Location</b>	<b>Takoradi, Western Region of Ghana</b>
<b>Client</b>	<b>Takoradi Mall Limited, a Joint Venture (JV) between Western Development Consortium Limited (WDCL) and RMB Westport (RMBWP)</b>

### PROJECT DESCRIPTION

The Client wanted to investigate and assure itself of compliance of the development with national regulations and IFC Performance Standards (PS). MBA was appointed to undertake the assessment.

### EMPLOYING COMPANY

Takoradi Mall Limited

### POSITION HELD

Environment & Social (E&S) Assessor/Auditors

### SCOPE OF SERVICES

Environment & Social (E&S) Due Diligence

### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Delight Sozah

### ACTIVITIES PERFORMED

- Undertook desktop study to review and identify applicable national laws and regulations and Performance Standards of the IFC that are pertinent to activities/operation of the mall, i.e. Takoradi Mall.
- Undertook site visits to the site to undertake E&S assessment and to

also meet with stakeholders including Project Affected Persons (PAPs)

- Prepared the Due Diligence Report for submission to the Client

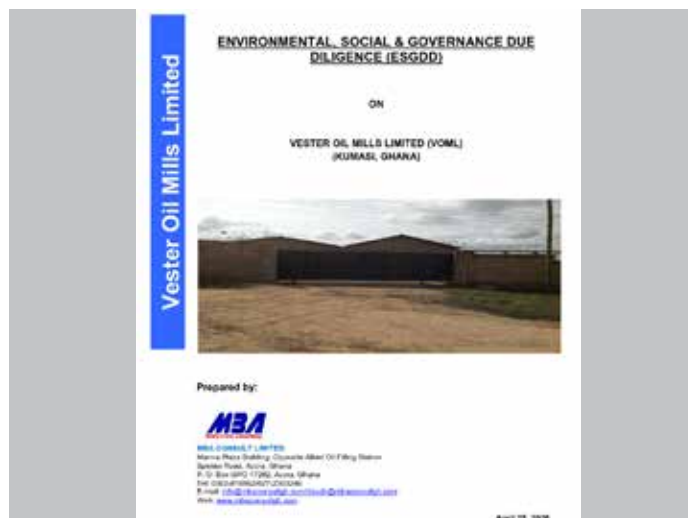
### KEY/NOTABLE ACHIEVEMENTS

The report was approved by the Client, Takoradi Mall Limited



## 3.3

## Environmental & Social Due Diligence in line with National Regulations & IFC Performance Standards



### C. Vester Oil Mills Limited (VOML)

<b>Date</b>	<b>March 2016 – April 2016</b>
<b>Location</b>	<b>Kumasi, Ashanti Region, Ghana</b>
<b>Client(s)</b>	<b>Synergy Capital Managers, the Fund Manager for the Synergy Private Equity Fund</b>

#### PROJECT DESCRIPTION

Synergy Capital Managers, the Fund Manager for the Synergy Private Equity Fund was going to invest US\$3,000,000.00 into Vester Oil Mills Limited (VOML). Synergy Capital Managers engaged MBA Consult Limited to undertake Due Diligence on VOML in line with national regulations and IFC Performance Standards.

#### EMPLOYING COMPANY

Synergy Capital Managers, the Fund Manager for the Synergy Private Equity Fund

#### POSITION HELD

Assessors/Auditors

#### SCOPE OF SERVICES

Environment, Social and Governance Due Diligence

#### PROFESSIONAL TEAM

Kwadwo Asah; Leslie Asamoah; Gloria Dadzie

#### ACTIVITIES PERFORMED

- Undertook a desktop study to review and identify applicable national laws and regulations and Performance Standards of the IFC that are pertinent to activities/operation of the company, i.e. VOML
- Led visits to the company/factory floor to undertake the study
- Prepared the Due Diligence for submission to the Client

#### KEY/NOTABLE ACHIEVEMENTS

Report was approved by the Client, and financial closure was achieved.

## 3.3

## Environmental & Social Due Diligence in line with National Regulations & IFC Performance Standards



### D. Darl Pharmaceutical Limited (now Curist Pharma Limited)

<b>Date</b>	<b>August 2015 - September 2015</b>
<b>Location</b>	<b>East Legon Accra, Ghana</b>
<b>Client</b>	<b>Darl Pharmaceutical Limited, now Curist Pharma Limited</b>

#### PROJECT DESCRIPTION

Darl Pharmaceutical Limited, now Curist Pharma Limited is a fast-growing pharmaceutical wholesaler and trading company which has a goal of becoming a top 3 pharmaceutical company in Ghana. The Company started in 2010 as a distributor of branded extemporaneous products then being produced by Darl Chemical Industries Limited. It, however, opened its doors to the public in January 2012 with its wholesale pharmacy outlet in Madina, Accra, Ghana.

In 2012, Curist Pharma Limited undertook its first retail pharmacy acquisition, and is the sole distributor for Candinil Capsules (Fluconazole), Neoglobin Syrup & Capsules, Plan 2 Emergency Contraceptive

Synergy Capital Managers Limited (SCML) was going to invest in Curist Pharma Limited. In order to understand the nature of environmental, social

and governance risks associated with the investment, SCML engaged Environmental Accord Nigeria Limited (EnvAccord), an accredited Nigerian environmental and sustainability consulting firm, to conduct an independent ESDD Assessment of Curist operational activities. Environmental Accord engaged the services of MBA Consult Limited, one of the leading safety and environment consulting firms in Ghana as the local partner to the study, and to focus on local legislation/regulations pertinent to operations/activities of Curist Pharma Limited.

#### EMPLOYING COMPANY

Environmental Accord, Nigeria (i.e. MBA carried out the Due Diligence in partnership with Environmental Accord of Nigeria)

#### POSITION HELD

Local Partner/Consultant to Environmental Accord Nigeria Limited

### 3.3

## Environmental & Social Due Diligence in line with National Regulations & IFC Performance Standards



### D. Darl Pharmaceutical Limited (now Curist Pharma Limited)

<b>Date</b>	<b>August 2015 - September 2015</b>
<b>Location</b>	<b>East Legon Accra, Ghana</b>
<b>Client</b>	<b>Darl Pharmaceutical Limited, now Curist Pharma Limited</b>

#### SCOPE OF SERVICES

Environmental & Social Due Diligence

#### PROFESSIONAL TEAM

Kwadwo Asah, Leslie Asamoah

#### ACTIVITIES PERFORMED

- undertook inspection visits to the factory
- Conducted the Due Diligence on the factory in line with national regulations
- Prepared report on the assessment/ study and submitted to Environmental Accord for inclusion in the final report.

#### KEY/NOTABLE ACHIEVEMENTS

Report was approved by the Client, and financial closure achieved

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### A. Tema Port Expansion Project (TPEP)

<b>Date</b>	<b>July 2016 – February 2020</b>
<b>Location</b>	<b>Tema, Ghana</b>
<b>Client</b>	<b>Meridian Port Services (MPS) &amp; Ghana Ports and Harbours Authority (GPHA)</b>

#### PROJECT DESCRIPTION

Construction work on a greenfield container terminal (Port) west of the existing Port of Tema in Ghana to replace the existing Tema Port. Construction works were in 2 parts – offshore and onshore works, and included construction of breakwater, dredging and reclamation, quay wall construction and associated port facilities. The project was funded by the International Finance Corporation (IFC). Accordingly, E&S standards that were used to manage environmental and social aspects included the IFC Performance Standards.

#### EMPLOYING COMPANY

AECOM Professional Services (Ghana) Limited

#### POSITION HELD

Environment & Social (E&S) Expert/Manager

#### PROFESSIONAL STAFF

Kwadwo Asah; Dr. Francis Ofori-Darko; Henry Okine; Francis Okyere; Godwill Ettibuah; Winnie Delali Abuku; Christian Adjei Dompreeh; Eliplim Mevemeo, Delight Sozah and Victoria Edem Leba-Kamanya

#### SCOPE OF SERVICES

Offshore & Onshore Construction  
Environment & Social (E&S) Supervision

#### ACTIVITIES PERFORMED

- Reviewed Project's Environment and Social (E&S) Standards and made recommendations for improvement
- Set/developed the project's permit/permission standard/requirements and monitored acquisition of the permits
- Managed the E&S works of 3 Principal Contractors engaged by the Client to undertake the construction works.
- Monitored day-to-day construction activities of the 3 Contractors including their associated facilities such as quarries
- Reviewed and approved Contractors E&S deliverables, including tracking to ensure timely submission to deliverables – Method Statements, Plans, reports, etc.
- Supervised working to the IFC Performance Standards and WBG EHS General Guidelines, and meeting requirements of the standards and guidelines.

## 3.4

# Construction Environment, Health & Safety (EHS) Management/Supervision



## A. Tema Port Expansion Project (TPEP)

<b>Date</b>	<b>July 2016 – February 2020</b>
<b>Location</b>	<b>Tema, Ghana</b>
<b>Client</b>	<b>Meridian Port Services (MPS) &amp; Ghana Ports and Harbours Authority (GPHA)</b>

- vii. Coordinated supervision visits to the project site by officials of IFC
- viii. Supervised acquisition of all permits & permissions needed to make way for construction works including compliance with permit conditions
- ix. Acted as the liaison or interface between the Client and the 3 Contractors on all E&S and permit issues.
- x. Coordinated and supervised all stakeholder engagements
- xi. Advised and supervised meeting

compliance with national laws and regulations

- xii. supervision of offshore and onshore monitoring programs and reporting to Ghana's EPA, IFC, Fisheries Commission, Forestry Commission etc.

### KEY/NOTABLE ACHIEVEMENTS

Achievement of full compliance with national and IFC Performance Standards



## 3.4

# Construction Environment, Health & Safety (EHS) Management/Supervision



## B. Head Office Building + Reconstruction of Existing Building

<b>Date</b>	<b>January 2020 – on-going</b>
<b>Location</b>	<b>Accra, Ghana</b>
<b>Client</b>	<b>Ghana Education Trust Fund (GETFUND)</b>

### PROJECT DESCRIPTION

2 no. Projects

Construction of a 4-storey head office building with one basement car park and demolition of existing 2-storey dilapidated building and re-construction into 1 no. 2-storey building. Both projects are located at East Legon in Accra.

### EMPLOYING COMPANY

GETFUND

### POSITION HELD

Environment & Social (E&S), Health, Safety & Security (HSS) Consultants

### SCOPE OF SERVICES

Construction Environment, Social, Permits and Health & Safety Supervision

### PROFESSIONAL STAFF

Kwadwo Asah; Richmond Kotei-Dzane; Hilla Liman Debi

### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/ Specification
- Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/

Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.

- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- Undertook monthly valuations/audits, and issued reports with corrective actions
- Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- Attended progress meetings, and gave account of the E&S and H&S performance on the project

### KEY/NOTABLE ACHIEVEMENTS

On-going

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### C. Bulk Supply Point (BSP) - 33kV and 11kV Transmission Lines and Interconnecting Circuits at Pokuase & Net Work Improvement and Bifurcation on Low Voltage Lines at Achimota, both in Accra.

<b>Date</b>	<b>November 2019 – on-going</b>
<b>Location(s)</b>	<b>Achimota &amp; Pokuase, both in Accra, Ghana</b>
<b>Client(s)</b>	<b>Best &amp; Crompton Engineering Ghana Limited under the Millennium Development Authority (MiDA) Projects, i.e. Millennium Challenge Account (MCA) Compact 2.</b>

#### PROJECT DESCRIPTION

The project is part of MiDA's compact 2 for energy sector and awarded to Best and Crompton Engineering Ghana Limited as the Contractor. The project is 2-fold – construction of BSP and interconnecting lines at Pokuase, and network improvement and bifurcation on low voltage lines at Achimota, both in Accra. Best & Crompton approached MBA Consult Limited to provide/undertake the health and safety management component of the works.

#### EMPLOYING COMPANY

Best & Crompton Engineering Ghana Limited

#### POSITION HELD

Health and Safety Company

#### SCOPE OF SERVICES

Construction Health and Safety Management

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Hannah Sackitey; Moses Sugri

#### ACTIVITIES PERFORMED

- Implemented the HSES Management Plan and Programs to ensure that the project HSES risks are minimized to ALARP level
- Ensured safe system of work is in place for all hazardous activities on site
- Ensured Method Statement (MS) is approved by Engineer prior to commencement of works.
- Coordinated with Engineer HSES Personnel to ensure HSES requirements of the project are achieved.
- Had regular liaison with Project Manager and Consultant Site Engineer for implementation of HSES plan and program
- Reported to Project Manager and Consultant Site Engineer on weekly basis regarding HSES implementation
- Conducted Quarterly Audits to ensure that the project is complying with the approved HSES plan
- Ensure HSES reports are prepared and sent to Consultant Site Engineer as required

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### C. Bulk Supply Point (BSP) - 33kV and 11kV Transmission Lines and Interconnecting Circuits at Pokuase & Net Work Improvement and Bifurcation on Low Voltage Lines at Achimota, both in Accra.

<b>Date</b>	<b>November 2019 – on-going</b>
<b>Location(s)</b>	<b>Achimota &amp; Pokuase, both in Accra, Ghana</b>
<b>Client(s)</b>	<b>Best &amp; Crompton Engineering Ghana Limited under the Millennium Development Authority (MiDA) Projects, i.e. Millennium Challenge Account (MCA) Compact 2.</b>

- ix. Liaised with Consultant Site Engineer or Consultant HSES personnel on the status of planning and implementation of activities to ensure safe construction and operation of the Works
- x. Provided HSES induction training and HSES instruction and guidelines with regards to implementation of HSES practices and procedures at site and HSE Policy is understood by all
- xi. Supervised contractors and sub-contractors personnel/labour to ensure that they comply with the approved safety procedures and instructions in the performance of the Works
- xii. Ensured that personnel used the appropriate Personal Protective Equipment (PPE) at all times while working.
- Maintains liaison with HSE Manager in all aspects of project safety and emergency management
- Organize audits, surveys, inspections and observation tour at work sites
- Follow up all pending actions,

recommendations and non-compliances for immediate rectifications and necessary corrections by project management

- Promoting the zero-accident program and the implementation of the HSE Policy
- Ensure and verify the suitable standards of the protective clothing and equipment
- Maintain records of weekly inspections and follow up of corrective actions, all procedural activities, and preparation and distribution of HSES statistics and follow-up status
- Monitor work permits procedure if applicable on site, including basic safety precautions
- Create awareness by promoting safety culture, conducting toolbox talks on daily basis
- Ensure safety measures that are appropriate to minimize nuisance to neighbors and public in respect of noise, dust, falling objects, security and access route.

#### KEY/NOTABLE ACHIEVEMENTS

No Lost Time Injury (LTI) since work started

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### D. No. 1 Oxford Street

<b>Date</b>	<b>April 2017- November 2018</b>
<b>Location</b>	<b>Osu, Accra, Ghana</b>
<b>Client(s)</b>	<b>Wonda World Properties Limited</b>

#### PROJECT DESCRIPTION

Multi-Storey Serviced Apartment Building Project

Construction work on a 14storey stylish building (i.e. No. 1 Oxford Street) consisting of 2 levels of basement car park; 1 level of mixed-use retail (i.e. restaurants and specialty shops); 1 level of lifestyle specialty shops; and 2-14 floors of residential apartments. The project was financed by IFC, and the IFC performance Standards were applied on the project. MBA Consult Limited was engaged to prepare documents and reports contained in the Environmental and Social Action Plan (ESAP) issued to the Client by IFC, and to also undertake the on-site Environment, Health and Safety (EHS) Management.

#### EMPLOYING COMPANY

Wonda World Properties Limited

#### POSITION HELD

Construction Environment, Social and Health and Safety Management/ Supervision Company/Consultants

#### SCOPE OF SERVICES

Implemented the Environmental and Social Action Plan (ESAP) issued by IFC including On-site HSE Management

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Richmond Kotei-Dzane; Moses Sugri

#### ACTIVITIES PERFORMED

- Prepared deliverables contained in the IFC ESAP for submission to IFC
- Provided training on IFC Performance Standards and their implementation requirements to senior management
- Supervised on-site management of health and safety

#### KEY/NOTABLE ACHIEVEMENTS

All reports/documents were approved by IFC



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### E. Ecobank Ghana Limited Head Office Building Project

<b>Date</b>	<b>November 2014-May 2017</b>
<b>Location</b>	<b>Ridge, Accra, Ghana</b>
<b>Client(s)</b>	<b>Ecobank Ghana Limited</b>

#### PROJECT DESCRIPTION

Construction of 13-Storey office complex with two level basements at Independence Avenue, Accra. The building is a multi-purpose edifice comprising of offices, infirmary, training rooms, fitness room, server rooms, reheat kitchen, meeting rooms, canteen, washrooms, multi-storey car parks etc. MBA Consult Limited was engaged by the Client as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise the Contractor and also oversee all EHS issues.

#### EMPLOYING COMPANY

Ecobank Ghana Limited

#### POSITION HELD

Lead Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Environment, Health and Safety (EHS) Supervision

#### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/Specification
- Provided organizational and motivational awareness on the

project's Environment and Social (E&S) and Health and Safety (H&S) Standards/ Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.

- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- Undertook monthly valuations/audits, and issued reports with corrective actions
- Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- Attended progress meetings, and gave account of the E&S and H&S performance on the project



## SAFETY CELEBRATION & AWARDS PROGRAM – JUNE 30, 2016 1,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision

### ALVANTI PLACE PROJECT

#### ALVANTI PLACE PROJECT

(APP)

RIDGE, ACCRA, GHANA

ENVIRONMENT, HEALTH, SAFETY AND TRAFFIC (EHST)  
SPECIFICATION FOR BULK EARTHWORKS & MAIN WORKS

August, 2014

#### PROJECT DESCRIPTION

The project involves construction of a 12 storey office complex with retail shops. A 1.70-acre land was acquired by the Client, Alvanti Properties Limited at Ridge in the Accra Metropolis for the project. The acquired land is located/situated in a built environment (area), and which is at the centre of other existing high-rise buildings such as “Ecobank Head Office Building”, “Ghana Shippers Authority” “Heritage Towers”, “World Trade Centre”, “Cedi House”, “National Theater” etc. The Client via the Development Managers appointed MBA as the Environment, Health and Safety Consultant for the Bulk Earthworks component of the project. The Bulk Earthworks were completed in January 2016, but the building is yet to be constructed.

#### EMPLOYING COMPANY

Development Managers - Assenta Property Group & Liberty Life Properties

#### POSITION HELD

Environment, Health and Safety Consultant

#### SCOPE OF SERVICES

Environment, Health and Safety (EHS) Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Moses Sugri

#### ACTIVITIES PERFORMED

Performed all responsibilities of the appointed Environment, Health and Safety Consultant just as the other

#### KEY/NOTABLE ACHIEVEMENTS

36,748 man-hours with No Lost Time Injury

### F. Alvanti Place Project (APP)

<b>Date</b>	<b>September 2015 – January 2016</b>
<b>Location</b>	<b>Ridge, Accra</b>
<b>Client(s)</b>	<b>Alvanti Properties Limited</b>

## 3.4

# Construction Environment, Health & Safety (EHS) Management/Supervision



## G. The Exchange (Mixed-Use Development) – Main Works

<b>Date</b>	<b>September 2015 – October 2017</b>
<b>Location</b>	<b>Airport Bypass, Accra, Ghana</b>
<b>Client(s)</b>	<b>Mabani Seven Company Limited</b>

### PROJECT DESCRIPTION

Construction work on a mixed-use development consisting of hotel, apartments and offices. MBA Consult Limited was engaged by the Client as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise the Contractor and also oversee all EHS issues.

### EMPLOYING COMPANY

Mabani Seven Company Limited

### POSITION HELD

Lead Environment, Social and Health and Safety Consultant

### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Kweku AsareBediako; Michael Batsa

### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/Specification
- Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors,

Architects etc.) and the Contractors' team.

- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- Undertook monthly valuations/audits, and issued reports with corrective actions
- Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- Attended progress meetings, and gave account of the E&S and H&S performance on the project

### KEY/NOTABLE ACHIEVEMENTS

No Lost Time Injury (LTI) achieved



## 3.4

# Construction Environment, Health & Safety (EHS) Management/Supervision



## H. Accra Mall Improvement Works

<b>Date</b>	<b>May 2015 – March 2016</b>
<b>Location</b>	<b>Accra, Ghana</b>
<b>Client</b>	<b>Accra Mall Limited</b>

### PROJECT DESCRIPTION

Accra Mall is the premier mall in Ghana. In 2015 Accra Mall carried out some improvement works on some sections of the mall. MBA was engaged by Accra Mall Limited to supervise environment, health and safety aspect of the construction works.

### EMPLOYING COMPANY

Accra Mall Limited

### POSITION HELD

Environment, Health and Safety Consultant

### SCOPE OF SERVICES

Environment, Health and Safety (EHS) Supervision

### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Michael Batsa; Richmond Kotei-Dzane

### ACTIVITIES PERFORMED

Same activities as the other construction supervision assignments

### KEY/NOTABLE ACHIEVEMENTS

Safety Celebration & Awards Program – November 27, 2015  
1,000,000 Man Hours without Lost Time Injury (LTI)

## SAFETY CELEBRATION & AWARDS PROGRAM – NOVEMBER 27, 2015

### 1,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)





## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### I. University of Ghana Collegiate and Hostel Project

<b>Date</b>	<b>September 2015 – March 2017</b>
<b>Location</b>	<b>University of Ghana, Legon, Accra, Ghana</b>
<b>Client(s)</b>	<b>University of Ghana and Africa Integras</b>

#### PROJECT DESCRIPTION

Construction work on four (4) new buildings for Colleges of Education, Humanities, Applied Science and Health Sciences at selected project locations within University of Ghana campus in Accra, Ghana and a student hostel facility to expand accommodation facilities of the University. MBA Consult Limited was engaged by the Clients as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise the Contractor also oversee all EHS issues.

Employing Company  
Africa Integras & University of Ghana (UG)

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction Environment, Health and Safety (EHS) Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Richmond Kotei-Dzane; Moses Sugri

#### ACTIVITIES PERFORMED

i. Set/prepared the Project's Environment, Social, Health and Safety Standards/ Specification

- ii. Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.
- iii. Reviewed and approved Contractor's management plans
- iv. Monitored/supervised implementation of Contractors' management plans
- v. Organized review meetings to review and discuss the Contractors' performance
- vi. Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- vii. Undertook monthly valuations/audits, and issued reports with corrective actions
- viii. Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- ix. Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- x. Attended progress meetings, and gave account of the E&S and H&S performance on the project

#### KEY/NOTABLE ACHIEVEMENTS

No Lost Time Injury (LTI) recorded

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision

GARDEN CITY MALL	
 Our works speak for us	
SAFETY SCORE BOARD	
START DATE	THURSDAY JUNE 18, 2015
TARGET	ZERO ACCIDENT
NO. OF WORKERS/WORKFORCE	
MAN HOURS/HOURS WORKED	
NO. OF INDUCTIONS ORGANIZED	
NO. OF CONTRACTORS SAFETY MEETINGS	
NO. OF PSI MEETINGS ORGANIZED	
NO. OF TOOLBOX MEETINGS ORGANIZED	
NO. OF SAFETY AWARDS/RECOGNITIONS	
NO. OF FATAL ACCIDENTS	
NO. OF MEDICAL TREATMENT INJURIES	
NO. OF LOST TIME INJURIES (LTI)	
NO. OF MAJOR INJURIES	
NO. OF MINOR INJURIES	
NO. OF NEAR MISS INCIDENTS REPORTED	
NO. OF SECURITY/THEFT INCIDENTS	
NO. OF FIRE CASES (OUTBREAKS)	
NO. OF COMMUNITY RELATION INCIDENTS	
SAFETY FIRST!!! SAFETY YEN NKWA NT!!! SAFETY YESOM!!!	

### J. Garden City Mall

<b>Date</b>	<b>June 2015 – on-going</b>
<b>Location</b>	<b>Suame Roundabout, Kumasi, Ashanti Region</b>
<b>Client(s)</b>	<b>Garden City Mall Limited</b>

#### PROJECT DESCRIPTION

2 Storey shopping mall on a 50,992m<sup>2</sup> land at Suame Roundabout in the Kumasi Metropolis of the Ashanti Region belonging to Kumasi Mall Limited. The mall shall consist of the following facilities (when completed) – shops, hotel, banks, restaurant, cinema, basement parking etc.

MBA Consult Limited was engaged by the Client as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise the Contractor and also oversee all EHS issues

#### EMPLOYING COMPANY

Garden City Mall Limited

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction Environment, Health and Safety (EHS) Supervision

#### PROFESSIONAL TEAM

Kwadwo Asah; Hilla Liman Debi; Emmanuel Mintah Brakoh

#### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/Specification
- Provided organizational and motivational awareness training on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.
- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management

#### ACTIVITIES PERFORMED

- Undertook monthly valuations/audits, and issued reports with corrective actions
- Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision

GARDEN CITY MALL	
 Our works speak for us	
SAFETY SCORE BOARD	
START DATE	THURSDAY JUNE 18, 2015
TARGET	ZERO ACCIDENT
NO. OF WORKERS/WORKFORCE	
MAN HOURS/HOURS WORKED	
NO. OF INDUCTIONS ORGANIZED	
NO. OF CONTRACTORS SAFETY MEETINGS	
NO. OF PSI MEETINGS ORGANIZED	
NO. OF TOOLBOX MEETINGS ORGANIZED	
NO. OF SAFETY AWARDS/RECOGNITIONS	
NO. OF FATAL ACCIDENTS	
NO. OF MEDICAL TREATMENT INJURIES	
NO. OF LOST TIME INJURIES (LTI)	
NO. OF MAJOR INJURIES	
NO. OF MINOR INJURIES	
NO. OF NEAR MISS INCIDENTS REPORTED	
NO. OF SECURITY/THEFT INCIDENTS	
NO. OF FIRE CASES (OUTBREAKS)	
NO. OF COMMUNITY RELATION INCIDENTS	
SAFETY FIRST!!! SAFETY YEN NKWA NTI!!! SAFETY YESOM!!!	

H&S.

- ix. Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- x. Attended progress meetings, and gave account of the E&S and H&S performance on the project

### KEY/NOTABLE ACHIEVEMENTS

1,000,000 man hours has been achieved without Lost Time Injury (LTI), and still counting

## J. Garden City Mall

<b>Date</b>	<b>June 2015 – on-going</b>
<b>Location</b>	<b>Suame Roundabout, Kumasi, Ashanti Region</b>
<b>Client(s)</b>	<b>Garden City Mall Limited</b>

## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### K. Kumasi City Mall (KCM)

<b>Date</b>	<b>October 2015 – July 2017</b>
<b>Location</b>	<b>Asokwa, Kumasi, Ashanti Region, Ghana</b>
<b>Client(s)</b>	<b>Delico Kumasi Limited</b>

#### PROJECT DESCRIPTION

2 Storey shopping mall constructed on a 15.437 acre land at Asokwa in the Kumasi Metropolis of the Ashanti Region of Ghana, and belonging to Delico Kumasi Limited. Facilities of the Mall include but not limited to – shops, banks, restaurants, cinema, Pharmacy, Sewage Treatment Plant (STP) etc.

MBA Consult Limited was engaged by the Client (Delico Kumasi Limited) as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise and oversee all EHS issues on the project.

#### EMPLOYING COMPANY

Delico Kumasi Limited

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction EHS Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Ernest Mensah

#### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/Specification

- Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.
- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- Undertook monthly valuations/audits, and issued reports with corrective actions
- Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- Attended progress meetings, and gave account of the E&S and H&S performance on the project



## **SAFETY CELEBRATION & AWARDS PROGRAM – APRIL 20, 2016** **1,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)**





## SAFETY CELEBRATION & AWARDS PROGRAM – APRIL 20, 2016

### 1,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### L. The Exchange – (Mixed-Use Development) - Bulk Earthworks

**Date** September 2014 – July 2015  
**Location** Airport Bypass, Accra, Ghana  
**Client** Mabani Seven Company Limited

#### PROJECT DESCRIPTION

Construction work on a mixed-use development consisting of hotel, apartments and offices. MBA Consult Limited was engaged by the Parakuo, the Bulk earth Works Contractor to manage the Contractors Environment, Health and Safety (EHS) responsibilities on site.

#### EMPLOYING COMPANY

Parakuo Limited (Bulk Earthworks Contractor)

#### POSITION HELD

Environment, Health and Safety (EHS) Management Company

#### SCOPE OF SERVICES

EHS Management

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Michael Batsa; Kweku Asare Bediako

#### ACTIVITIES PERFORMED

Managed EHS responsibilities of the bulk earthworks contractor, Parakuo Limited

#### KEY/NOTABLE ACHIEVEMENTS ACHIEVED

1,000,000 man-hours without LTI before completion of the bulk earthworks



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### M. Achimota Retail Centre (Achimota Mall)

<b>Date</b>	<b>September 2014 – July 2016</b>
<b>Location</b>	<b>Achimota, Accra</b>
<b>Client(s)</b>	<b>Delico Achimota Ghana Limited</b>

#### PROJECT DESCRIPTION

2 Storey shopping mall constructed on an 8.832 acre land at Mile 7 in the Ga East Municipality of the Greater Accra Region of Ghana, and belonging to Delico Achimota Ghana Limited. Facilities of the Mall include but not limited to – shops, banks, restaurants, cinema, Pharmacy, Sewage Treatment Plant (STP), 2 basement levels, bulk LP Gas Plant etc.

MBA Consult Limited was engaged by the Client (Delico Achimota Ghana Limited) as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise and oversee all EHS aspects of the construction work.

#### EMPLOYING COMPANY

Delico Achimota Ghana Limited

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction EHS Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liamn Debi; Richmond Kotei-Dzane

#### ACTIVITIES PERFORMED

i. Set/prepared the Project's Environment,

Social, Health and Safety Standards/Specification

- ii. Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.
- iii. Reviewed and approved Contractor's management plans
- iv. Monitored/supervised implementation of Contractors' management plans
- v. Organized review meetings to review and discuss the Contractors' performance
- vi. Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- vii. Undertook monthly valuations/audits, and issued reports with corrective actions
- viii. Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- ix. Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- x. Attended progress meetings, and gave account of the E&S and H&S performance on the project

## **SAFETY CELEBRATION & AWARDS PROGRAM – JULY 30, 2015** **1,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)**



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### N. West Hills Mall

<b>Date</b>	<b>October 2012 – July 2014</b>
<b>Location</b>	<b>Dunkuna, Ga East, Accra</b>
<b>Client(s)</b>	<b>West Hills Mall Limited</b>

#### PROJECT DESCRIPTION

2 Storey shopping mall constructed on a 23.727 acre land at Dunkonah (New Bortianor) in the Ga South Municipality of the Greater Accra Region of Ghana, and belonging to West Hills Mall Limited. Facilities of the Mall include but not limited to – shops, banks, restaurants, cinema, Pharmacy, Sewage Treatment Plant (STP), 2 basement levels, bulk LP Gas Plant etc.

MBA Consult Limited was engaged by the Client (West Hills Mall Limited) as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise and oversee all EHS aspects of the construction work.

#### EMPLOYING COMPANY

West Hills Mall Limited

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction EHS Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi

#### ACTIVITIES PERFORMED

- i. Set/prepared the Project's Environment, Social, Health and Safety Standards/ Specification
- ii. Provided organizational and

motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.

- iii. Reviewed and approved Contractor's management plans
- iv. Monitored/supervised implementation of Contractors' management plans
- v. Organized review meetings to review and discuss the Contractors' performance
- vi. Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/ management
- vii. Undertook monthly valuations/audits, and issued reports with corrective actions
- viii. Acted as a liaison between the Client, stakeholders (regulators etc.) and the Contractor on all issues relating to E&S and H&S.
- ix. Prepared and issued monthly E&S and H&S reports to the Client with recommendations for improving the Contractors' performance.
- x. Attended progress meetings, and gave account of the E&S and H&S performance on the project

#### KEY/NOTABLE ACHIEVEMENTS

Safety Celebration & Awards Program – July 14, 2014  
 2,000,000 Man Hours without Lost Time Injury (LTI)



**SAFETY CELEBRATION & AWARDS PROGRAM – JULY 14, 2014**  
**2,000,000 MAN HOURS WITHOUT LOST TIME INJURY (LTI)**



## 3.4

## Construction Environment, Health & Safety (EHS) Management/Supervision



### 0. Switchback Park Project (SPP)

<b>Date</b>	<b>March 2014 – ongoing</b>
<b>Location</b>	<b>Switchback Road, Accra</b>
<b>Client(s)</b>	<b>Switchback Developers Limited</b>

#### PROJECT DESCRIPTION

Construction work on a mixed-use development of 9 storey block of 77 residential apartments with 154 parking spaces on a 16.44 acre land at West Cantonments in the Accra Metropolis of the Greater Accra Region of Ghana, and belonging to Switchback Developers Limited

MBA Consult Limited was engaged by the Client (Switchback Developers Limited) as the Environment, Health and Safety (EHS) Agent/Consultant on the project to supervise and oversee all EHS aspects of the construction work. Construction work is still on-going

#### EMPLOYING COMPANY

Switchback Developers Limited

#### POSITION HELD

Environment, Social and Health and Safety Consultant

#### SCOPE OF SERVICES

Construction EHS Supervision

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi; Michael Batsa

#### ACTIVITIES PERFORMED

- Set/prepared the Project's Environment, Social, Health and Safety Standards/Specification
- Provided organizational and motivational awareness on the project's Environment and Social (E&S) and Health and Safety (H&S) Standards/Specification to the Client, the Project Management Team (i.e. Project Manager, Quantity Surveyors, Architects etc.) and the Contractors' team.
- Reviewed and approved Contractor's management plans
- Monitored/supervised implementation of Contractors' management plans
- Organized review meetings to review and discuss the Contractors' performance
- Undertook daily inspection of the construction and issue reports with recommendations to improvement in the Contractors' site activities/management
- Undertook monthly valuations/audits, and issued reports with corrective actions

## 3.4

## Construction Health and Safety Management/Supervision



### P. Northern Irrigation Project (Lot 1)

<b>Date</b>	<b>October 2010 – October 2012</b>
<b>Location</b>	<b>Bontanga and Golinga in the Northern Region of Ghana.</b>
<b>Client(s)</b>	<b>Millennium Development Authority (MiDA)</b>

#### PROJECT DESCRIPTION

##### Lot 1 - 2 no projects as described below:

##### Rehabilitation/Extension Works on the Bontanga Irrigation Project in the Tolon-Kumbungu District of the Northern Region of Ghana

The project involved rehabilitation or construction/civil works on a 495 ha and consisted of 2 main canals and 26 laterals, refurbishment of dam outlet valve, surfacing and profiling of roads, and rehabilitation of fish pond, farm building and threshing floors

##### Rehabilitation/Extension Works on Golinga Irrigation Project in the Tolon-Kumbungu District of the Northern Region of Ghana

The project involved rehabilitation or construction/civil works on a 60 ha irrigation project and consisted of construction of spillway canals, construction of main canal lining and check structures, repair of the main canal embankment, construction of lateral canal, their lining, intake, outlets and end structures, replacement of off-

take pipes with gates, dredging of the main drain and resurfacing of road.

Mr. Kwadwo Asah was engaged by SNC Lavalin, the Project Management Company (PMC) engaged by MiDA to provide expertise, quality control/quality assurance and construction supervision as the Environment, Health and Safety (EHS) Consultant to supervise EHS activities/aspects of the civil works.

#### EMPLOYING COMPANY

SNC Lavalin (Project Management Company)

#### POSITION HELD

Environment, Health and Safety Advisor

#### SCOPE OF SERVICES

Construction EHS Supervision

#### PROFESSIONAL TEAM

Kwadwo Asah

## 3.4

## Construction Health and Safety Management/Supervision



### P. Northern Irrigation Project (Lot 1)

#### ACTIVITIES PERFORMED

- i. Prepared and issued the Project's EHS Standards/Specification
- ii. Undertook inspection visit to construction sites 2 times a week to monitor Contractor's activities.
- iii. Provided training for PMC and Contractor's teams
- iv. Reviewed and approved Contractor's EHS management plans
- v. Monitored Contractor's site activities and issue Non-Conformity Reports (NCR) to request for improvements.
- vi. Conducted investigations into incidents and accidents and issue reports (including corrective measures to prevent re-occurrence of the same or similar incidents/accidents)
- vii. Attended progress meeting to give account of EHS performance and areas for improvement
- viii. Advised PMC on matters compliance with national laws and regulations
- ix. Prepared and issued monthly EHS performance reports for inclusion in the project's progress reports.

<b>Date</b>	<b>October 2010 – October 2012</b>
<b>Location</b>	<b>Bontanga and Golinga in the Northern Region of Ghana.</b>
<b>Client(s)</b>	<b>Millennium Development Authority (MiDA)</b>

## 3.4

## Construction Health and Safety Management/Supervision



### Q. Kpong Left Bank Irrigation Project

<b>Date</b>	<b>October 2010 – October 2012</b>
<b>Location</b>	<b>Kpong, Ghana</b>
<b>Client(s)</b>	<b>Millennium Development Authority (MiDA)</b>

#### PROJECT DESCRIPTION

Lot 3 – 1 no. project as described below

#### Rehabilitation/Extension Works on the Kpong Left Bank Irrigation Project in the East of the North Tongu District of the Volta Region of Ghana

The project involved rehabilitation or construction/civil works on a 2000 ha of land under gravity for production of rice, maize and vegetables with the following key components – using the existing intake gate on the Left Bank of the Kpong Hydro Electric Dam Reservoir at Akuse, construction of 1 main canal to Sokope, construction of 2 canals to South of Nakpoe, construction of 40 persons-seater/capacity conference hall and offices to provide technical and administrative support to farmers, and establishment of a project management unit to train and support farmers.

Mr. Kwadwo Asah was engaged by SNC Lavalin, the Project Management Company (PMC) engaged by MiDA to provide expertise, quality control/quality assurance and construction supervision as the Environment, Health and Safety (EHS) Consultant to supervise EHS activities/aspects of the civil works.

#### EMPLOYING COMPANY

SNC Lavalin (Project Management Company)

#### POSITION HELD

Environment, Health and Safety Advisor

#### SCOPE OF SERVICES

Construction EHS Supervision  
Professional Team

#### KWADWO ASAH

#### ACTIVITIES PERFORMED

- Prepared and issued the Project's EHS Standards/Specification
- Undertook inspection visit to construction sites 2 times a week to monitor Contractor's activities.
- Provided training for PMC and Contractor's teams
- Reviewed and approved Contractor's EHS management plans
- Monitored Contractor's site activities and issue Non-Conformity Reports (NCR) to request for improvements.
- Conducted investigations into incidents and accidents and issue reports (including corrective measures to prevent re-occurrence of the same or similar incidents/accidents)
- Attended progress meeting to give account of EHS performance and areas for improvement
- Advised PMC on matters compliance with national laws and regulations
- Prepared and issued monthly EHS performance reports for inclusion in the project's progress reports.



## 3.4

# Construction Health and Safety Management/Supervision



## R. Route Survey for 161Kv Power line and ESIA for the Newmont Akyem Project

<b>Date</b>	<b>June 2010 – Feb. 2011</b>
<b>Location</b>	<b>Akyem, Ghana</b>
<b>Client(s)</b>	<b>Lycopodium Pty Limited</b>

### PROJECT DESCRIPTION

Lycopodium Pty Limited appointed Rudan Engineering Company Limited to undertake route Survey and Environmental and Social Impact Assessment (ESIA) for the Construction of 161Kv power line from Nkawkaw to New Abriem for the Newmont Akyem Mine Project. Ruban Engineering Company Limited engaged the undersigned as the EHS Specialist/Advisor on its team.

### EMPLOYING COMPANY

Ruban Engineering Company Limited

### POSITION HELD

Environment, Health and Safety (EHS) Specialist/Advisor

### ACTIVITIES PERFORMED

i. Prepared Environment, Health and Safety Plan/Manual to guide the engineering and survey works, including a detailed assessment of potential hazards and risks and Standard Operating Procedures (SOPs).

- ii. Led the implementation of the Plan
- iii. Trained the workers on the EHS Manual and its implementation requirements prior to starting work.
- iv. Led the implementation of the EHS Plan
- v. Undertook daily inspection of work areas to identify and eliminate hazards
- vi. Administered first aid for minor accidents
- vii. Conducted investigations into accidents and instituted measures to prevent re-occurrence of the same or similar accidents.
- viii. Prepared weekly and monthly reports on EHS Performance including recommendations for improvement.

## 3.5

## Safety &amp; Environment Audits/Risk Assessment



## A. Construction of Residential Building

<b>Date</b>	<b>April 2019 – May 2019</b>
<b>Location</b>	<b>Airport By Pass, Accra</b>
<b>Client</b>	<b>Private Development</b>

**PROJECT DESCRIPTION**

Michelletti & Company Limited (MCL) was constructing a 1 storey residential accommodation for a private Client at Wenco Street, off airport by pass road at Airport in Accra. The building/construction site was located in-between 2 existing/occupied houses. MCL needed to mount a mobile tower crane for the construction works. Owners of the 2 residential houses requested MCL to undertake a detailed risk assessment of the use of the crane and propose appropriate measure for implementation to reduce if not to eliminate the risk posed by the tower crane.

MBA Consult Limited was engaged by MCL to undertake the assessment and propose appropriate control measures for implementation to reduce if not to completely eliminate the risk.

**EMPLOYING COMPANY**

Michelletti & Company Limited (MCL)

**POSITION HELD**

Health and Safety Auditor/Assessor

**SCOPE OF SERVICES**

EHS Auditing/Assessment

**PROFESSIONAL STAFF**

Kwadwo Asah; Kwaku Asare Bediako

**ACTIVITIES PERFORMED**

- Undertook inspection visits to the construction site
- undertook desktop and on-site assessment on the cranes
- Undertook the risk assessment on the crane
- Propose mitigation measures for implementation to reduce/eliminate the risks posed by the tower crane.
- Prepared a detailed Safe Work Procedure (including risk assessment) for implementation

**KEY/NOTABLE ACHIEVEMENTS**

Report was accepted and approved by the 2 residents for implementation to control/manage the risks associated with the use of the tower crane.

## 3.5

## Safety &amp; Environment Audits/Risk Assessment



## B. Redevelopment of Lincoln Community School

<b>Date</b>	<b>February 2019 – March 2019</b>
<b>Location</b>	<b>Akpelempke, Accra, Ghana</b>
<b>Client</b>	<b>Lincoln Community School (LCS)</b>

### PROJECT DESCRIPTION

Michelletti & Company Limited (MCL) was the appointed contractor on the Lincoln School re-development project. The project/construction site was close to the school premises although the site was hoarded-off the school's premises. The School requested the Contractor, MCL to engage the services of an experienced Health and Safety Consultant to undertake an inspection/audit on the site to identify potential safety risks and propose appropriate control measures to reduce or eliminate the identified risks.

MCL engaged MBA to undertake the audit/assessment.

### EMPLOYING COMPANY

Michelletti & Company Limited (MCL)

### POSITION HELD

Environment & Social (E&S) Assessor/Auditors

### SCOPE OF SERVICES

Environment, Health & Safety Audit

### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi

### ACTIVITIES PERFORMED

- i. Undertook inspection visits to the construction/project site
  - ii. Engaged with neighboring communities/residents to ascertain risks posed by the construction works
  - iii. undertook a detailed Environment; Health & Safety; Traffic; and Social audit on the contractor/project in line with national regulations and international best practices
  - iv. Prepared detailed report with recommendations for implementation by the Contractor, MCL to improve on Environment, Health & Safety, Traffic and Social aspects of the construction work.
- Key/Notable Achievements Report was accepted by MCL and the School and recommendations were implemented.

## 3.5

## Safety & Environment Audits/Risk Assessment



### C. Standard Chartered Bank Head Office Building Project

<b>Date</b>	<b>January 2017 – December 2017</b>
<b>Location</b>	<b>Ridge, Accra, Ghana</b>
<b>Client(s)</b>	<b>Standard Chartered Bank</b>

#### PROJECT DESCRIPTION

Construction work on a 12 storey office complex for Standard Chartered Bank Limited in Accra. MBA Consult Limited was engaged by the Project Managers to undertake quarterly E&S and H&S valuations/audits in line with the Project's E&S and H&S specification; national laws & regulations; and IFC Performance Standards

#### EMPLOYING COMPANY

Bovel Ross (Project Managers)

#### POSITION HELD

Environment, Health and Safety Auditor

#### SCOPE OF SERVICES

Environment, Health & Safety; Traffic and Social Performance Auditor

#### PROFESSIONAL STAFF

Kwadwo Asah; Hilla Liman Debi

#### ACTIVITIES PERFORMED

i. Undertook quarterly visits to the project site/construction site to undertake the audit using national regulations and IFC Performance Standards

ii. Issued reports (after each quarterly audit) with recommendations to improve on Environment, Health and Safety, Traffic and Social Performance on site.

#### KEY/NOTABLE ACHIEVEMENTS

All quarterly audit reports prepared by MBA were accepted by the Project Managers and other stakeholders. Corrective actions contained therein were implemented by the Contractor, WBHO Ghana Limited.

## 3.5

## Safety &amp; Environment Audits/Risk Assessment



## D. Total Tarkwa (TTMD)

<b>Date</b>	<b>October 8, 2012 – October 29, 2012</b>
<b>Location</b>	<b>Tarkwa, Western Region, Ghana</b>
<b>Client(s)</b>	<b>Total Petroleum Ghana Limited (TPGL)</b>

## PROJECT DESCRIPTION

Total Tarkwa Mining Depot (TTMD) is one of the bulk fuel storage facilities of TPGL, one of the leading Oil Marketing Companies (OMCs) in Ghana. The facility/depot is located on the mine site of AngloGold Ashanti (Iduaprim Mine Site) in Tarkwa of the Western Region of Ghana.

TPGL proposed to obtain ISO 14001:2004 environmental management standard certification for the depot. As part of preparation towards obtaining the certification, MBA Consult Limited was contracted by TPGL in October 2012 to undertake baseline audit against the requirements of the Standard and propose measures to close gaps that would be identified from the audit

## EMPLOYING COMPANY

Total Petroleum Ghana Limited (TPGL)

## POSITION HELD

Environmental Auditor

## SCOPE OF SERVICES

Environmental Auditing

## PROFESSIONAL STAFF

Kwadwo Asah

## ACTIVITIES PERFORMED

- Conducted desktop review on TPGL and on the ISO:14001:2004 Standard
- Undertook 3-days inspection visit to the depot in Tarkwa for on-site assessment of the depot
- Undertook an assessment/evaluation of TTMD compliance with requirements/ clauses of the ISO 14001:2004 Standard.
- Prepared audit report containing recommendations to close identified gaps

## KEY/NOTABLE ACHIEVEMENTS

The audit report including recommendations was accepted by the Client. TPGL.



## 3.6 Legal Compliance

### A. Environmental Management Plan (EMP)

**DATE**

2009 to 2020

**LOCATION**

Various locations in Ghana as listed

**CLIENT(S)**

Names as listed in the right-hand column

**PROJECT DESCRIPTION**

The listed Clients/Companies were granted with Environmental Permit by Ghana's EPA to operate. Regulation 24 (1) of the Environmental Assessment Regulations, 1999 (LI 1652) require companies that have been issued with Environmental Permit to prepare Environmental Management Plan (EMP) 18 months into operation and thereafter every 3 years. MBA Consult Limited was contracted by the listed companies to undertake the needed assessments and prepare EMPs on behalf of the Clients/Companies for submission to Ghana's EPA for consideration for renewal of their Environmental Permit (EP).

**EMPLOYING COMPANY**

The listed companies

**POSITION HELD**

Environment Expert/Consultant

**SCOPE OF SERVICES**

Environment, Social and Health & Safety Compliance Assistance

**PROFESSIONAL STAFF**

Kwadwo Asah, Leslie Asamoah, Rosina Mirekua Tieku

**ACTIVITIES PERFORMED**

- i. Undertook inspection visits to the facilities/ companies
- ii. Undertook due diligence to assess and evaluate the company's compliance status
- iii. Prepared the EMPs including action plans to improve performances going forward
- iv. Submitted the EMPS to EPA on behalf of the companies
- v. The EMPs were approved by EPA, and Environmental Permits were renewed

**KEY/NOTABLE ACHIEVEMENTS**

All reports were accepted and approved by Ghana's EPA

**STONE QUARRIES**

**Kasap Limited**, located at Shai Hills in the Shai Osudoku District Assembly, December 2011

**Eyiaba Stone Quarry Limited**, located at GomoaAssin in the Gomoa West District Assembly of the Central Region of Ghana, October 2012

**Cymain Ghana Limited**, Buoho Stone Quarry Project in the Kwabre District of the Ashanti Region of Ghana, November 2017; April 2018

**Cymain Ghana Limited**, Yawkwei Stone Quarry Project in the Asante Akim South District Assembly of the Ashanti Region of Ghana, July 2018

**Voland Limited**, located at Shai Hills in the Shai Osudoku District Assembly of the Greater Accra Region of Ghana, June 2012

**SHOPPING MALLS**

**Takoradi Mall Limited** – located in the central business district of Takoradi in the Western Region of Ghana, February 2020 – on-going

## 3.6 Legal Compliance

**West Hills Mall Limited**, located at Dunkonah near New Weija in the Ga South Municipal Assembly of the Greater Accra Region of Ghana, December 2019

**Achimota Retail Centre**, located at Achimota in the Greater Accra Region of Ghana, 2017

### MANUFACTURING COMPANIES

**Asadtek Industries Limited**, existing aluminum roofing and kitchenware factory at Light Industrial Area in the Tema Metropolis of the Greater Accra Region of Ghana, August, 2015

**Abdul A. A. Enterprise**, aluminum kitchenware factory at Agbogba in the Ga East District Assembly of the Greater Accra Region of Ghana.

**Ameen Sangari Industries Limited**, Oil, Soap and Glycerine factory located in Cape Coast in the Central Region of Ghana, March 2015

**Sentuo Steel Limited**, steel manufacturing company located in the heavy industrial area of Tema in the Greater Accra Region of Ghana, 2014

### AQUACULTURE/FISH FARM

**Catchrite Farms Limited**, cage aquaculture project at Woadze Tsatoe, near Kpeve in the Afadzato South District of the Volta Region of Ghana, August 2015

### POWER/ENERGY COMPANIES

**Enclave Power Company (EPC) Limited**, Power company located in the Free Zone Trade Enclave in Tema in the Greater Accra Region of Ghana, October 2008; October 2013

### OIL COMPANIES

**Expro Gulf Limited**, offshore oil company with its base at New Amanful, Amanfulkuma in the Ahanta West District of the Western Region of Ghana, May 2017

## 3.6 Legal Compliance

### B. Annual Environmental Reports (AER)

#### DATE

2009 to 2020

#### LOCATION

Various locations in Ghana as listed

#### CLIENT(S)

Names as listed

#### PROJECT DESCRIPTION

The listed Clients/Companies were granted Environmental Permit by Ghana's EPA to operate. Regulation 25 (1) of the Environmental Assessment Regulations, 1999 (LI 1652) require companies that have been issued with Environmental Permit to prepare Annual Environmental Report (AER) after 12 months from the day of commencement of operation and thereafter every 12 months. MBA Consult Limited was contracted by the listed companies to undertake the needed assessments and prepared AERs on behalf of the Clients/Companies for submission to Ghana's EPA for consideration for renewal of their Environmental Permits (EP).

#### EMPLOYING COMPANIES

Companies/Clients as listed

#### POSITION HELD

Environment Consultant

#### SCOPE OF SERVICES

Environment, Social and Health & Safety Compliance Assistance

#### PROFESSIONAL STAFF

Kwadwo Asah; Leslie Asamoah; Rosina Mirekua Tieku

#### ACTIVITIES PERFORMED

- i. Undertook inspection visits to the facilities/companies
  - ii. Undertook due diligence to assess and evaluate the company's compliance status
  - iii. Prepared the AERs to show the environmental performances of the companies
  - iv. Submitted the AERs to EPA on behalf of the companies
  - v. The AERs were approved by EPA
- Key/Notable Achievements
- Environmental Permits for the listed Clients/Companies were renewed by EPA based on the AERs MBA prepared and submitted to the Agency on behalf of the Clients/Companies.

#### STONE QUARRIES

**Cymain Ghana Limited**, Buoho Stone Quarry Project in the Kwabre District of the Ashanti Region of Ghana – 2015 & 2016

Aquaculture/Fish Farm

**Tropo Farms Limited**, cage aquaculture project – 2017 & 2018

#### STEEL COMPANIES

**Sentuo Steel Company Limited**, Iron Rod Factory at Tema Heavy Industrial Area in the Kpone Katamanso District of the Greater Accra Region of Ghana – 2015; 2016; 2017 & 2018

#### OIL COMPANIES

**Expro Gulf Limited**, offshore oil company with its base at New Amanful, Amanfulkuma in the Ahanta West District of the Western Region of Ghana – 2015; 2016; 2017 & 2018

#### SHOPPING MALLS

**West Hills Mall Limited**, located at Dunkonah near New Weija in the Ga South Municipal Assembly of the Greater Accra Region of Ghana, October 2015

## 3.6 Legal Compliance

**Achimota Retail Centre**, located at Achimota in the Greater Accra Region of Ghana, 2015

### POWER/ENERGY COMPANIES

**Enclave Power Company (EPC) Limited**, Power company located in the Free Zone Trade Enclave in Tema in the Greater Accra Region of Ghana – 2017 & 2018

### WAREHOUSES

**Nungua Warehouse Company Limited**, warehouse for Importation and Storage of Ethanol at Boankra near Ejisu in the Ejisu Juaben Municipality of the Ashanti Region of Ghana – 2017 & 2018

### PORTS/TERMINALS/CARGO

**Ghana Airport Cargo Centre Limited (GACC)** - 2017

**Air Ghana Perishable Cargo (AGPC) Centre Limited**, - 2017

**Arnold Peter Moller (APM) Terminals** – 2016 & 2017

iii. Carried out baseline assessment studies

## 3.7 Safety & Environment Training

### A. Construction Environment, Health and Safety (EHS) Management/Supervision Training Course for Contractors

**Date:** As listed

**Clients/Companies:**

**Enegoproject** on Ecobank Head Office Building Project at Ridge in Accra on February 24, 2015

**Mandahan & Saousa Limited** on University of Ghana Collegiate & Hostel Project at University of Ghana Campus on December 7, 2015

**WBHO Ghana Limited** on Accra Mall Expansion Works in Accra on June 1, 2015 & June 30, 2015

**WBHO Ghana Limited** on Kumasi City Mall at Asokwa in Kumasi on April 29, 2015

**Consar Limited** on Garden City Mall at Suame Roundabout in Kumasi on June 25, 2015

**LOCATION**

At the various project/construction sites in Accra and Kumasi as listed.

**BACKGROUND/TRAINING BRIEF**

For over a decade, MBA Consult Limited has worked on many civil/construction projects in Ghana as the Environment, Health and Safety (EHS) Agent/Consultant tasked to provide expertise, quality control/quality assurance and supervision of the EHS aspects of the civil/construction works.

Part of the responsibilities of MBA on these civil/construction projects included providing training to the project team particularly the Principal Contractor and its sub-contractors on the project's EHS Specification/Standards and its implementation/compliance requirements including continuous improvement programs.

Accordingly, MBA provided or organized pre-start training for all Principal Contractors and their Sub-Contractors on the civil/construction projects MBA was engaged on as the EHS Agent/Consultant.

**COURSE OBJECTIVES**

- Outline and explain the Project's EHS Specification/Standard and their Implementation/Compliance Requirements
- Project's continuous improvement programs
- Roles & Responsibilities in the EHS Management Systems



## 3.7 Safety & Environment Training

### COURSE MODULES

- Project Stakeholders and their Roles and Responsibilities
- Project's Environment, Health, Safety and Traffic (EHST) Specification and its Implementation/ Compliance Requirements
- Arrangement for Continuous Improvement
- Senior Management Commitment
- Work at Height Standards

### NO. OF PARTICIPANTS

Over 70 employees (including Project Managers) of the listed Contractors and their Sub-Contractors were trained

### RESOURCE PERSONS

Kwadwo Asah; Hilla Liman Debi; Richmond Kotei-Dzane; Eric Gyampo

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### B. Awareness Training on IFC Performance Standards for Senior Management & Supervisors of the Principal Contractor (WBHO Ghana Limited) and Sub-Contractors on the Standard Chartered Bank Head Office Building Project

**Date:** May 26, 2017

**Client/Company:** Standard Chartered Bank/Clubhouse RMB

**Location:** Project Site Conference Room at Ridge in Accra, Ghana

**Background/Brief**

Between January 2017 to December 2017, Standard Chartered Bank and Clubhouse RMB constructed a 12 storey office complex at Ridge in Accra, Ghana.

The Environment and Social (E&S) requirements on the project

included the IFC Performance Standards (PS). The Principal Contractor, WBHO Ghana Limited and its sub-contractors were required to comply with Performance Standard 1-4.

MBA Consult Limited was engaged by the Project Managers to undertake quarterly E&S and H&S valuations/audits in line with the Project's E&S and H&S specification; national laws & regulations; and the IFC Performance Standards.

MBA organized an awareness training on the IFC PS for senior management and supervisors of the Principal Contractor and its sub-contractors to provide understanding of compliance requirements of the PS to facilitate the quarterly audits by MBA.

#### COURSE OBJECTIVES

- Outline and explain the project's Environment Specification
- Outline and explain IFC Performance Standards 1 – 4 and their compliance requirements
- Outline and explain the Project's Continuous Improvement Programs which includes Quarterly Audits to be conducted by MBA Consult Limited
- Outline and explain the responsibilities of management and supervisors in meeting the objectives of the continuous improvement programs

## 3.7 Safety & Environment Training

### TRAINING/COURSE MODULES

- Project's Environment, Health, Safety and Traffic (EHST) Specification
- Overview of IFC and its Operations
- IFC Performance Standards 1-4, and their implementation/ Compliance Requirements
- Continuous Improvement Programs

### NO. OF PARTICIPANTS

21 managers and supervisors of the Principal Contractor and its Sub-Contractors attended the training

### RESOURCE PERSONS

Kwadwo Asah; Hilla Liman; Richmond Kotei-Dzane

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### C. Environmental Awareness and Management Training/Course for Total Petroleum Ghana Limited (TPGL) Transporters

**Date:** August 17, 2012

**Client/Company:** Total Petroleum Ghana Limited (TPGL)

**Location:** TPGL Head Office in Accra

#### Company Brief

Total Petroleum Ghana Limited (TPGL) is one of the leading Oil Marketing Companies (OMCs) in Ghana. TPGL uses independent/private transport companies to transport the white product (fuel) to its filling/service stations across Ghana.

As part of TPGL continuous capacity building and improvement programs, MBA Consult Limited was contracted by TPGL to organize an in-house environmental awareness training course for its transporters.

The course was intended to create awareness among the Transporters on environmental issues but, with special focus on

environmental aspects and impacts associated with white product (fuel) transportation. Course Objectives • Outline and explain Total's Health, Safety, Environment and Quality (HSEQ) (HSEQ) Policy

- Introduce participants to principles and concept of Environmental Management
- Introduce participants to best practices in environmental management

#### TRAINING/COURSE MODULES

- Environmental Aspects & Impacts
- Pollutants – Sources & Control/Management
- Sustainability of Fuel Transport Businesses/Operations
- Drivers for Good Environmental Performance
- Environmental Legal Requirements
- Establishing Environmental Management System (EMS)
- Environment Responsibilities of Transporters
- Hierarchy of Waste Management

#### NO. OF PARTICIPANTS

18 employees of sub-contractors to TPGL

#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### D. EHS Documentation & Capacity Building for Total Petroleum Ghana Limited (TPGL) Sub-Contractors

**Date:** March 21, 2016

**Client/Company:** Adjavor Enterprise Limited (Painting Contractor/ Sub-contractor to TPGL)

**Location:** Adjavor Enterprise Limited conference room of at Lababi in Accra, Ghana

#### BACKGROUND/BRIEF

In 2016, Total Petroleum Ghana Limited (TPGL) set out to build EHS capacity of its Sub-contractors who carried out/performed various construction works for TPGL on the company's filling stations and other facilities.

Adjavor Enterprise Limited, a painting sub-contractor to TPGL contracted MBA to assist the company establish its EHS management system, train workers on the developed system and represent the company at the audit to be conducted by TPGL.

#### COURSE OBJECTIVES

- Outline and explain TPGL's Health, Safety, Environment and Quality (HSEQ) Policy and its implementation requirements
- Introduce the company to best practices in health and safety management
- Develop Health and Safety Policies and Procedures to guide operations of the company
- Train employees of the company on the developed Policies and Procedures

#### TRAINING/COURSE MODULES

- Development/Establishment of the company's EHS management system
- Training on the developed EHS management system
- Represented the company as the Safety Personnel/Professional at the audit by TPGL

#### NO. OF PARTICIPANTS

8 (the entire staff)

#### RESOURCE PERSONS

Kwadwo Asah

## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### E. Environmental Management and Compliance Awareness and Capacity Building Training for MBA Clients

**Date:** As listed

**Client(s)/Companies:**

**Enclave Power Company Limited**, power distribution company in the Freezone Trade Enclave of Tema - May 27, 2010; October 8, 2013

**Tropo Farms Limited**, a fish farm (cage culture) company operating at 3 locations in Eastern and Greater Accra Regions of Ghana - September 17, 2018

**Expro Gulf**, offshore oil company with base at Amanfrom in Takoradi, June 4, 2014

**West Hills Mall Limited**, Ghana's biggest shopping mall located at Dunkonah (near Weija) in the Ga South Municipality of the Greater Accra, 2015

**LOCATIONS:**

Premises of the listed Clients/Companies

#### TRAINING BRIEF

MBA has been retained by some of its Clients to, on a continuous basis, assist the companies in managing its environment and social responsibilities through advisory, capacity building and report preparation.

Accordingly, MBA organizes regular training for staff, particularly senior management of its Clients to provide the needed organizational and motivational awareness to managing the company's environment and social responsibilities.

#### TRAINING OBJECTIVES

#### TRAINING/COURSE MODULES

- Definition of Terms used in Environmental Management
- Drivers for Good Environmental Performance
- Legal Framework on Environment in Ghana
- Ghana's EIA/Permitting/Submission Requirement
- Evaluation of the Environmental Compliances/Performances
- Action Plans to Improve Environmental Performance

#### NO. OF PARTICIPANTS

Over 40 employees (mainly senior management) of the listed Clients/Companies benefited from the training

#### RESOURCE PERSONS

Kwadwo Asah; Leslie Asamoah; Rosina Mirekua Tieku



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### F. Environmental Management Systems (EMS) Training Course for Staff of Chirano Gold Mines Limited

**Date:** May 26 & 27, 2011

**Client/Company:** Chirano Gold Mines Limited

**Location:** Chirano Gold Mines Limited Mine Site

#### COMPANY BRIEF

Chirano Gold Mines Limited is situated (located) in Bibiani, southwestern of Ghana, about 100 kilometers southwest of Kumasi, Ghana's second largest city. Chirano's mining lease, covering an area of 36.34km<sup>2</sup> was granted to the company on April 8, 2004 for a period of 15 years. The company is 90% owned by Red Back Mining Incorporated of Canada and 10% by the government of Ghana.

Chirano's commitment to environmental protection is well established and the company aims to lead the world in generating value through responsible mining. Chirano Gold Mines Limited currently uses an Environmental Management System (EMS) that aligns with the requirements of the ISO 14001:2004 Standard. Employee training

and awareness on environmental issues is of highest priority to management and the HSE Department set a target in 2012 to provide training on environmental awareness to every employee on the mine by the end of year, i.e. 2012.

MBA Consult Limited was contracted in May 2011 to provide ISO 14001:2004 awareness training to staff of the mine. Participants were issued with 'Certificate of Participations' at the end of the two-day session.

#### COURSE OBJECTIVE

- Introduce participants to Environmental Management Systems
- Introduce participants to ISO 14001:2004 Environmental Management Standard and its Implementation Requirements

#### TRAINING/COURSE MODULE

- Terms used in Environmental Management
- Environmental Sustainability
- Environment Legal Requirements
- Environmental Management System (EMS) Cycle
- The ISO 14001:2004 Environmental Management Standard
- ISO 14001:2004 Implementation and Compliance Requirements

#### NO. OF PARTICIPANTS

22 Supervisors

#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity

## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### G. Accident/Incident Reporting & Investigation Training Course for Staff of Chirano Gold Mines Limited

**Date:** September 15 & 16, 2011

**Client/Company:** Chirano Gold Mines Limited

**Location:** Chirano Gold Mines Limited Mine Site

#### COMPANY BRIEF

Chirano Gold Mines Limited is situated (located) at Bibiani, southwestern Ghana, and about 100 kilometers southwest of Kumasi, Ghana's second largest city. Chirano's mining lease, covering an area of 36.34km<sup>2</sup> was granted to the company on April 8, 2004 for a period of 15 years. The company is 90% owned by Red Back Mining Incorporated of Canada and 10% by the government of Ghana.

MBA Consult Limited was engaged to provide to mine staff on Accident Reporting & Investigation. The course was intended to build the capacity of participants in general incident and accident investigation but it not intended to be a 'certificate' course. However, participants were issued with 'Certificate of Participations' at the end of the two-day session.

#### COURSE OBJECTIVES

- Introduce participants to theories underpinning incident/accident causation
- Introduce participants to the principles and techniques of incident/accident investigation

#### TRAINING/COURSE MODULES

- Causes of accidents
- Underpinning theories in incident and accident occurrences
- Purpose of conducting investigations into health, safety and environmental incidents and accidents.
- The place of incidents and accidents investigations in the system approach to health, safety and environmental management.
- Techniques for performing proper investigations.
- Review cases of incidents/accidents to provide better understanding of theories and principles.

#### NO. OF PARTICIPANTS

21 employees from various departments of the mine

#### RESOURCE PERSONS

Kwadwo Asah; Richard Debrah & Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### H. Occupational Health & Safety Management System Awareness Training Course for Staff of Chirano Gold Mines Limited

**Date:** April 19 & 20, 2011

**Client/Company:** Chirano Gold Mines Limited

**Location:** Chirano Gold Mines Limited Mine Site at Bibiani

#### COMPANY BRIEF

MBA Consult Limited was engaged by Chirano Gold Mines Limited to provide training on Health and Safety Management System to mine staff. Participants were issued with 'Certificate of Participations' at the end of the two-day session.

#### Course Objectives

- Introduce participants to health and safety management system
- Introduce participants to Occupational Safety and Health Assessment Series (OSHAS 18001:2007) and its certification and implementation requirements on the mine

#### TRAINING/COURSE MODULES

- Outline and explain the various Health and Safety Management Systems.
- Outline and explain the standards of the OHSAS 18001:2007 management system.
- Outline and explain the planning and implementation processes of the Occupational Health and Safety Assessment Series (OHSAS 18001:2007).
- Outline the roles and responsibilities of each department and employee in implementing and sustaining the management system

#### NO. OF PARTICIPANTS

20 employees from various departments of the mine

#### RESOURCE PERSONS

Kwadwo Asah; Richard Debrah & Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### I. Environmental Management Systems (EMS) Training Course for Staff of Golden Star (Bogoso Prestea) Limited

**Date:** August 14 & 15, 2012

**Client/Company:** Golden Star Resources (Bogoso Prestea) Limited

**Location:** Golden Star Resources (Bogoso Prestea) Limited Mine Site

#### COMPANY BRIEF

Golden Star Bogoso Prestea Limited is one of the leading mining companies in Ghana. The company is owned by Golden Star and the Government of Ghana at share values of 90% and 10% respectively.

The mine is located at Prestea Bogoso in the Western Region. MBA Consult Limited was contracted by the mine to train its workers on Environmental Management Systems with focus on ISO 14001:2004 Environmental Management Standard. Course Objectives Create awareness among mine workers of the components of Environmental Management Systems (EMS) with focus on ISO 14001:2004 Environmental Management Standard and its implementation requirements.

#### TRAINING/COURSE MODULES

- Terms used in Environmental Management
- Explain the concept of 'sustainability' and how EMS offers opportunity for sustainable development
- Define EMS and the application of the standard to mining activities
- Outline and explain the benefits of adopting EMS
- Outline and explain the components of the ISO 14001:2004 environmental management standard
- Outline and explain strategies for implementing an EMS on the mine site
- Outline and explain the EMS certification procedure and post certification requirements

#### NO. OF PARTICIPANTS

17 participants from various departments of the mine

#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### J. Environmental Inspections, Monitoring & Auditing Training Course for Staff of Golden Star (Bogoso Prestea) Limited

**Date:** June 16 & 17, 2011

**Client/Company:** Golden Star (Bogoso Prestea) Limited

**Location:** Golden Star (Bogoso Prestea) Limited Mine Site Training Room

#### COMPANY BRIEF

Golden Star Bogoso Prestea Limited is one of the leading mining companies in Ghana. The company is owned by Golden Star and the Government of Ghana at share values of 90% and 10% respectively.

The company aims to build a brand name gold mining company that: Delivers superior returns to investors; Attracts and retains the best talents; Is committed to international best practices and conducts; Is a partner of choice for host communities and governments.

MBA Consult Limited was contractor by the company/mine to train its employees on Environmental Inspections, monitoring and auditing. Certificate of Participation were issued to participants after the training.

#### COURSE OBJECTIVES

Create awareness among workers on the company's legal and moral obligations with respect to inspecting, monitoring and auditing environmental management programs. In order words, the course

aims to help workers to understand and appreciate the application of inspections, monitoring and audits to environmental management programs on the mine site

#### TRAINING MODULES

- Legal and moral bases of environmental inspections, monitoring and audits
- Differences and similarities between inspections, monitoring and audits with reference to the various mine activities
- Individual and collective roles of workers particularly the environmental management team in contributing to measuring performance of environmental management programs.
- Identify and assess risk(s) associated with environmental aspects of the various mine activities including monitoring and auditing programs to evaluate their occurrences and the avoidance of risks associated with them.
- Audit parameters of the EPA Akoben Initiative and programs (strategies) to meet the requirements of the audit.
- Procedure and parameters for conducting quarterly monitoring by Ghana's EPA.
- Develop a monitoring plan for implementation
- Provide answers or solutions to the challenges that participants have outlined as militating against effective execution of their work.

#### NO. OF PARTICIPANTS

22 employees from various departments of the mine

#### RESOURCE PERSONS

Kwadwo Asah; Nana Andoh, Anna Awity

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### K. Environmental Management Systems (EMS) Training Course for Staff of Golden Star Wassa Limited (GSWL)

**Date:** November 01 & 02, 2011; July 17 & 18, 2012; September 2012

**Client/Company:** Golden Star Wassa Limited (GSWL)

**Location:** Golden Star Wassa Limited (GSWL) Mine Site

#### COMPANY BRIEF

Golden Star Wassa Limited is one of the leading mining companies in Ghana. The company is owned by Golden Star and the Government of Ghana at share values of 90% and 10% respectively.

The mine site is located Akyeampim in the Western Region of Ghana.

MBA Consult Limited was contractor by the company/mine to train the mine workers on EMS with focus on ISO 14001:2004 Environmental Management Standard. Certificate of Participation were issued to participants after the training Course Objectives Create awareness among mine workers of the components of Environmental Management Systems (EMS) with focus on ISO 14001:2004 Environmental Management Standard and its implementation requirements.

#### TRAINING MODULES

- Definition/Explanation of Terms used in Environmental Management System (EMS)
- Explain the concept of 'sustainability' and how EMS offers opportunity for sustainable development
- Define EMS and the application of the standard to mining activities
- Outline and explain the benefits of adopting EMS
- Outline and explain the components of the ISO 14001:2004 environmental management standard
- Outline and explain strategies for implementing an EMS on the mine site
- Outline and explain the EMS certification procedure and post certification requirements.

#### NO. OF PARTICIPANTS

Over 35 employees of the mine participated in the training.

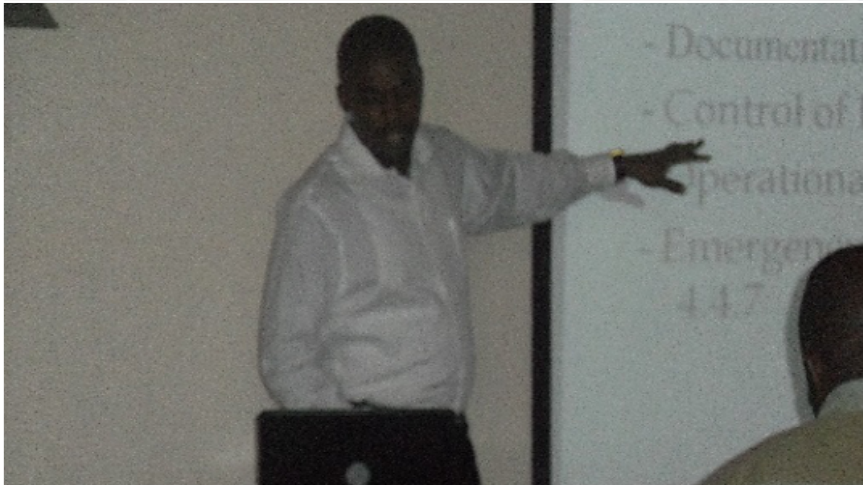
#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### I. Behavior Based Safety Training Course for Staff of Golden Star Wassa Limited (GSWL)

**Date:** August 21 & 22, 2012 & August 23 & 24, 2012

**Client/Company:** Golden Star Wassa Limited (GSWL)

**Location:** Golden Star Wassa Limited (GSWL) Mine Site

#### COMPANY BRIEF

Golden Star Wassa Limited is one of the leading mining companies in Ghana. The company is owned by Golden Star and the Government of Ghana at share values of 90% and 10% respectively.

The mine site is located Akyeampim in the Western Region of Ghana. MBA Consult Limited was contracted by the mine to train its workers on Behavior Based Safety to help change some of the prevalent and re-occurring strongly held bad human behaviors/practices by workers that often lead to accident.

#### COURSE OBJECTIVES

Discuss and find solutions to bad work practices (behaviors) that have the potential to impact on the health and safety programs on the mine.

#### COURSE MODULES

- Developing a Positive Health and Safety Culture
- Arrangement for Effective Health and Safety Management
- Incident & Accident Causation
- Human Error, Negligence, Violations, Recklessness
- Behavioral Theories – The Underpinning Psychology
- Developing a Just Culture
- 5S

#### NO. OF PARTICIPANTS

Over 50 employees from various departments of the mine participated in the training

#### RESOURCE PERSONS

Kwadwo Asah; Isaac Kosi; Anna Awity

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### M. Occupational Health, Safety & Environmental Management Training Course for Staff of Golden Star Wassa Limited (GSWL)

**Date:** March 09, 10, 11, 2010; June 01, 02 & 03, 2010

**Client/Company:** Golden Star Wassa Limited (GSWL)

**Location:** Golden Star Wassa Limited (GSWL) Mine Site

#### COMPANY BRIEF

Golden Star Wassa Limited is one of the leading mining companies in Ghana. The company is owned by Golden Star and the Government of Ghana at share values of 90% and 10% respectively.

The mine site is located Akyeampim in the Western Region of Ghana. MBA Consult Limited was contracted by the mine to train workers on general Occupational Health and Safety Management.

#### COURSE OBJECTIVES

- Outline the key responsibilities of Management (Supervisors, Superintendents, Managers etc.) in relation to ensuring effective management of the company's safety and environment responsibilities.
- Create awareness among participants on the company's environmental obligations, (both legal and optional)
- Equip participants with sound knowledge and techniques in accident prevention at the workplace.

- Expose participants to the implementation requirements of Safety and Environmental Management Systems and their interrelationship with the business entity.
- Equip participants with practical tools that will help them to identify hazards, assess risk(s) and thereby develop programs to meet the objectives of safety and environment strategies.

#### TRAINING/COURSE MODULES

- Overview of Occupational Safety and Health Assessment Series (OSHAS 18001:2007)
- Accident Prevention – Principles & Techniques
- Fire Safety Management
- Laws on Safety, Health and Environment
- Risk Assessment

#### NO. OF PARTICIPANTS

1st Batch (March 09, 10, 11, 2010) – 33 senior members from various departments.

2nd Batch (June 01, 02 & 03, 2010) – 25 supervisors from plant, mining, safety, environment, Administration, Projects, Security, Assay Laboratory etc. Departments

#### RESOURCE PERSONS

Kwadwo Asah; Richard Debrah; DOII David Sam Afful (GNFS)



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### N. Environmental Inspections, Monitoring & Auditing Training Course for Staff of Sankofa Prestea Gold Limited

**Date:** June 27 & 28, 2011; August 11 & 12, 2011 (for Plant Staff)

**Client/Company:** Prestea Sankofa Gold Limited

**Location:** Bogoso Golden Hotel Conference Room in Tarkwa in the Western Region of Ghana

#### COMPANY BRIEF

Prestea Sankofa Gold Limited is a subsidiary gold mine of Ghana National Petroleum Corporation (GNPC) which was incorporated under the Companies Code in 1994 as a joint venture between SAMAX Gold Resources and GNPC. In 1998, SAMAX ceded its interest to GNPC. As a result of this, the company is now a solely owned Ghanaian mining company between Ghana National Petroleum Corporation (GNPC) and the Government of Ghana at share values of 90% and 10% respectively.

As the name of the company implies in Ghanaian parlance 'Sankofa' – go back for it, was set up to extract gold from tailings and low grade 'waste' from over hundred years of mining activities in Prestea.

The company derives its commitment to good environmental performance from environment regulations and concerns expressed by various stakeholders for good environmental performance. The environment responsibilities of the company are being managed by the Planning and Environment Department but with support from senior management and other workers of the company.

MBA Consult Limited was contracted by the company to train the mine workers on Environmental Inspections, Monitoring and Auditing. Certificate of Participation were given to all participants.

#### COURSE OBJECTIVES

Create awareness among employees of the mine on the company's legal and moral responsibilities with respect to inspection, monitoring and auditing environmental management programs. In order words, the course is designed to help mine workers understand and appreciate the application of inspections, monitoring and audits to environmental management programs on the mine.

#### COURSE MODULES

- Definitions of Basic Terms used in Environmental Management
- Modelling Solutions to Environmental problems
- Origin, Legal and Voluntary Environmental Monitoring and Auditing Requirements
- Overview of Environmental Monitoring
- Identification of Monitoring and Audit Parameters and their Measurement(s)
- Ghana's EPA Akoben Initiatives
- Solid and Liquid Waste Management

#### NO. OF PARTICIPANTS

Over 40 mine workers participated in the training

#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### 0. Advanced Hazard Identification and Risk Assessment (HIRA) Training Course for Staff of Sankofa Prestea Gold Limited

**Date:** July 12 & 13, 2011; August 15 & 16, 2011 (for Plant Staff)

**Client/Company:** Sankofa Prestea Gold Limited

**Location:** Bogoso Golden Hotel Conference Room in Bogoso

#### COMPANY BRIEF

MBA Consult Limited was contracted by Prestea Sankofa Gold Limited to its mine workers on HIRA. The training was organized in the conference room of Bogoso Golden Hotel in Bogoso in the Western Region of Ghana.

Participants were issued with “Certificate of Participation”.  
Course Objectives

#### TRAINING/COURSE MODULES

- Definition of Basic Terms used in HIRA
- Accidents, Causes, Occurrences and Prevention
- Risk Management in Perspective
- The HIRA Process
- Risk Control Hierarchy

#### NO. OF PARTICIPANTS

Over 40 mine workers participated in the training

#### RESOURCE PERSONS

Kwadwo Asah; Anna Awity



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### P. Advanced Behavior Based Safety Training Course for Staff of Prestea Sankofa Gold Limited

**Date:** July 21 & 22, 2011; August 17 & 18, 2011

**Client/Company:** Prestea Sankofa Gold Limited

**Location:** Bogoso Golden Hotel Conference Room in Bogoso

#### COMPANY BRIEF

MBA Consult Limited was contracted by Prestea Sankofa Gold Limited to its mine workers on Behavior Based Safety Management. The training was organized in the conference room of Bogoso Golden Hotel in Bogoso in the Western Region of Ghana.

Participants were issued with “Certificate of Participation” at the end of training. Course Objectives Discuss and find solutions to bad work practices (behaviors) that have the potential to impact on the health and safety programs and performance of the mine.

#### TRAINING/COURSE MODULES

- Understanding the Problem - Human Error, Negligence, Recklessness and Violations
- Behavioral Theories - The Underpinning Psychology

- The Just Culture - A shift from the Blame Culture to a more Constructive ‘Just’ Culture
- Responsibilities of management & workers
- Course evaluation

#### NO. OF PARTICIPANTS

26 participants drawn from various departments

#### RESOURCE PERSONS

Kwadwo Asah; Isaac Kosi, Anna Awity

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### Q. Occupational Safety, Health and Environmental Management In-house Training Course for Staff (Supervisors) of Ghana Manganese Company (GMC) Limited

**Date:** July 07, 08, 09, 2010

**Client/Company:** Ghana Manganese Company (GMC) Limited

**Location:** Conference Room of GMC at Tarkwa in the Western Region of Ghana.

#### **COMPANY BRIEF**

Ghana Manganese Company Limited (GMC) is Ghana's largest manganese mining company located at Tarkwa in the Western Region of Ghana.

MBA Consult Limited was contracted by GMC to train its workers on occupational health and safety and environmental management. The training included an aspect of "management"

#### **COURSE OBJECTIVES**

- To outline the specific roles of Supervisors with respect to safety and environmental management to enable participants better appreciate their role in managing the company's safety, health and environment responsibilities.
- To create a general awareness among participants on the

impacts associated with weak management of the company's safety and environment responsibilities.

- An overall development of a safety conscious Supervisors to lead the way in developing a positive safety and health culture among the entire workforce.
- To equip participants with managerial skills to help them in day-to-day management of safety on the mine.

#### **TRAINING MODULES**

- Introduction to Occupational Safety and Health Assessment Series (OSHAS 18001)
- Responsibilities Of 'Management' And 'Employees' In Safety, Health and Environmental Management
- Developing A Positive Safety, Health and Environment Culture
- Effects (Impacts) of Weak Occupational Safety, Health and Environmental Management
- Accident Prevention – Principles and Techniques
- Accident and Incident Investigation and Reporting
- General Management
- General Environmental Management

#### **NO. OF PARTICIPANTS**

24, from Security, Administration, Plant, Environment, Stores, Safety, Mining etc. Departments

#### **RESOURCE PERSONS**

Kwadwo Asah; Isaac Kosi; Richard Debrah



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### R. Occupational Safety, Health and Environmental Management In-house Training Course for Senior Executives/ Management of Ghana Manganese Company (GMC) Limited

**Date:** August 30 & 31, 2010

**Client/Company:** Ghana Manganese Company (GMC) Limited

**Location:** GMC Conference Room at Tarkwa in the Western Region of Ghana

#### COMPANY BRIEF

Following training of the Supervisors of GMC on Occupational Health and Safety and Environmental Management and the good feedback from participants, management of the requested the training to be extended to senior management.

Accordingly, the training was replicated for 16 members of senior management of the company.

#### COURSE OBJECTIVES

- To deepens participants (management) knowledge on corporate safety and health management

- To explain the impacts associated with weak safety and health management
- To outline management responsibilities with respect to effective management of the company's safety and health responsibilities.
- To outline and explain the framework required for effective safety and health management in the company.
- To help participants understand the planning process in OSH management

#### COURSE MODULE

- Introduction to Occupational Safety and Health Assessment Series (OSHAS 18001)
- Responsibilities of 'Senior Management' In Safety, Health and Environmental Management
- Developing A Positive Safety, Health and Environment Culture
- Effects (Impacts) of Weak Occupational Safety, Health and Environmental Management
- Planning for Effective Safety and Health Management

#### NO. OF PARTICIPANTS

16 managers/senior management, including Plant Superintendent, HR/ Administrative Manager, Finance Manager, General Services Manager, Commercial Manager etc.

#### RESOURCE PERSONS

Kwadwo Asah; Isaac Kosi

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### S. Occupational Safety, Health and Environmental Management In-House Training Course for Staff (Supervisors) of Ghana Rubber Estate Limited (GREL)

**Date:** May 5 & 6, 2010

**Client/Company:** Ghana Rubber Estate Limited (GREL)

**Location:** Conference Room of GREL at Takoradi in the Western Region of Ghana

#### COMPANY BRIEF

Ghana Rubber Estate Limited (GREL) has the largest industrial rubber plantation in Ghana. The company's headquarters is based in Takoradi with its factory located in Apimenim in the Ahanta West District of the Western Region of Ghana.

MBA Consult Limited was contracted by GREL to train its workers on occupational health and safety management.

#### COURSE OBJECTIVES

- To train line managers who shall intend cascade the knowledge gained to other employees (subordinates).
- To set the context for safety, health and environment training

courses in the company.

- To create awareness among employees (participants) on the importance of managing the company's safety and environment responsibilities.
- To outline the specific roles of senior management and employees in safety and environmental management.
- To introduce participants to the implementation requirements of Occupational Safety and Environmental Management Systems.

#### TRAINING MODULES

- Impacts Associated with Weak Occupational Safety, Health and Environmental Management
- Development of a Positive Safety, Health and Environment Culture
- Laws on Safety, Health and Environment
- General Environmental Management
- Accident Prevention – Principles and Techniques
- Risk Assessment/Management

#### NO. OF PARTICIPANTS

16 line-Managers from various departments of the company (GREL)

#### RESOURCE PERSONS

Kwadwo Asah; Richard Debrah



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### T. Occupational Health, Safety and Environmental Management Training Course organized by MBA Consult Limited (General/Public Training)

**Date:** July 12, 13 & 14, 2010

**Client/Company:** Various Companies

**Location:** MBA Conference Room in the Manna Plaza Building, Community 18 Junction, Spintex Road, Accra

#### COMPANY BRIEF

MBA Consult Limited, one of the leading safety and environment firms in Ghana and a training provider organized this general Occupational Health and Safety Training Course for businesses by advertising in the National Newspaper – Daily Graphic. The training was held/organized in Accra in the conference room of MBA Consult Limited.

Based on the nation-wide publicity of the training, participants were drawn from various parts of Ghana including Takoradi, Kumasi, Tarkwa, Cape-Coast etc. with majority coming from Ghana's mining companies.

#### COURSE OBJECTIVES

- To create awareness on safety, health and environmental issues among participants with emphasis on the framework required for effective safety and environmental management and the impacts associated with weak safety and environmental management.

- Equip participants with general managerial skills in order to effectively manage their safety, health and environment responsibilities in respective companies and departments.
- To equip participants with practical tools to help them identify hazard, assess risk associated with hazards and techniques to prevent identified hazards from causing accidents.
- To improve participants knowledge in corporate environmental management.

#### COURSE MODULES

- Introduction to Occupational Safety and Health Assessment Series (OSHAS 18001)
- Responsibilities of 'Management' & 'Employees' In Safety, Health and Environmental Management
- Developing A Positive Safety, Health and Environment Culture
- Effects (Impacts) of Weak Occupational Safety, Health and Environmental Management
- Accident Prevention – Principle and Techniques
- Fire Safety Management
- General Management
- General Environmental Management

#### NO. OF PARTICIPANTS

7 (5 from Atlas Copco and the remaining 2 from another company), and included Logistics Managers, Human Resource Managers, Mechanics, Communication Officers, Safety and Health Managers.

#### RESOURCE PERSONS

Kwadwo Asah; Isaac Kosi; Richard Debrah, DOIII David Sam Afful (GNFS)

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### U. Occupational Health, Safety and Environmental Management Training Course organized by MBA Consult Limited (General/Public Training)

**Date:** March 03, 04 & 05, 2010

**Clients/Companies:** Various Companies

**Location:** E P Church Hall, Takoradi, Western Region, Ghana

#### COMPANY BRIEF

MBA Consult Limited, one of the leading safety and environment firms in Ghana and a training provider organized this general Occupational Health and Safety Training Course for businesses by advertising in the National Newspaper. The training was held/organized in Takoradi.

Based on the nation-wide publicity of the training, participants were drawn from various parts of Ghana including Takoradi, Kumasi, Tarkwa, Cape-Coast etc. with majority coming from Ghana's mining companies.

#### COURSE OBJECTIVES

- To create awareness on safety, health and environmental issues among participants with emphasis on the framework required for effective safety and environmental management and the impacts associated with weak safety and environmental management.

- Equip participants with general managerial skills in order to effectively manage their safety, health and environment responsibilities.
- To equip participants with practical tools to help them identify hazard, assess risk associated with hazards and techniques to prevent identified hazards from causing accidents.
- To improve participants knowledge in corporate environmental management

#### TRAINING MODULES

- Laws on Occupational, Health, Safety and Environment in Ghana
- Accident Prevention – Principles and Techniques
- Integrating Safety and Environment into Corporate Planning
- Introduction to Management
- Introduction to Environmental Management
- Fire Safety

#### NO. OF PARTICIPANTS

10 persons (majority from mining companies), and included Environmental Officers, Safety Superintendents (Officers), Quality Control Officers, Human Resource Managers etc.

#### RESOURCE PERSONS

Kwadwo Asah; Isaac Kosi; DO III James Ankrah (GNFS)



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### V. Occupational Health, Safety and Environmental Management Training Course (General/Public) for Staff of Companies/Businesses organized by MBA Consult Limited

**Date:** October 23 & 24, 2009

**Client/Company:** Various Companies

**Location:** Management and Productivity Institute (MDPI), near Ministries, Accra, Ghana

#### COMPANY BRIEF

MBA Consult Limited, one of the leading safety and environment firms in Ghana and a training provider organized this general Occupational Health and Safety Training Course for businesses by advertising in the National Newspaper.

Based on the nation-wide publicity of the training, participants were drawn from various parts of Ghana including Takoradi, Kumasi, Tarkwa, Cape-Coast etc.

#### COURSE OBJECTIVES

- To create awareness among participants on importance of safety and environmental management at the national and corporate levels.

- To equip participants with practical tools to help them manage safety at the workplace through proper hazard identification.
- To expose participants to the general concept of waste management and how they can apply the concept in managing their industrial and office waste.
- To equip participants with strategies to conserve energy (power) at the workplace with the aim of ensuring cost saving in energy expenditure and its relevance to environmental protection.
- To improve participants knowledge in general safety and health management.

#### TRAINING MODULES

- Legal Frameworks on Safety, Health and Environmental Management
- Introduction to Occupational Health and Safety Management Systems
- Environmental Management and Sanitation
- Risk Assessment
- Emergency Preparedness and Response Plan
- Implementation Tools in Environmental Management
- Energy Conservation/Efficiency

#### NO. OF PARTICIPANTS

24 from various companies and included Human Resource Managers, Quality Control Officer, Safety Officers, Environmental Officers etc.

#### RESOURCE PERSONS

Kwadwo Asah; Gershon Odum, DCFO Kwame Kwarteng; Issac Oduro

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### W. Occupational Safety and Health Management Training Course for Staff of Elssyless Company Limited

**Date:** July 6 & 7, 2010

**Client/Company:** Elssyless Company Limited

**Location:** Community 25, Tema, Ghana

#### COMPANY BRIEF

Elssyless Company Limited is a small to medium-sized enterprise involved in the processing, packaging and exporting of traditional Ghanaian foods to various countries in Western Europe and the United States. The company's product lines include - Gari, Banku mix, Kokonte, Peanut Butter, Cassava Flour, Tom brown, Mixed Spices, Palm Oil etc.

United States African Development Foundation (USADF) of the United States of America (USA), and Development Solution Centre (DSC) based in Ghana provided financial and technical assistances to Elssyless Company Limited to expand and scale up its operations. This included best practices in Safety and Health Management.

MBA Consult Limited was engaged to provide the training and also develop a Safety & Health Management System for implementation by the company.

#### TRAINING/COURSE OBJECTIVES

- To expose as well as deepens participants' knowledge on corporate safety and health management with emphasis on the impacts associated with weak management of the company's safety and health responsibilities.
- To equip participants with practical tools to help them identify hazards and assess risks in the working environment.
- To deepens participants knowledge in fire safety management
- A move towards developing a safety conscious workforce and thereby developing a positive safety and health culture in the company.

#### TRAINING MODULES

- Fire Safety Management
- Causes and Prevention of Accidents
- Accident Investigation and Reporting,
- Organizing for Safety and Health Management
- 'Management' and 'Employee' Responsibilities
- Manual Handling
- Ergonomics

#### NO. OF PARTICIPANTS

25, consisting of senior management and employees from various departments of the company – Transport, Production, Administration, Marketing etc.

#### RESOURCE PERSONS

Kwadwo Asah; Richard Debrah



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### X. Quality Management Systems (Food Safety Management System) Training Course for Elssykess Company Limited

**Date:** July 12 and 13, 2010

**Client/Company:** Elssykess Company Limited

**Location:** Community 25, Tema, Ghana

#### COMPANY BRIEF

Elssykess Company Limited is a small to medium-sized enterprise involved in processing, packaging and exporting traditional Ghanaian foods to various countries in Western Europe and the United States. The product lines include - Gari, Banku mix, Kokonte, Peanut Butter, Cassava Flour, Tom brown, Mixed Spices, Palm Oil etc.

United States African Development Foundation (USADF) of the United States of America (USA), and Development Solution Centre (DSC) based in Ghana provided financial and technical assistances to Elssykess Company Limited to expand and scale up its operations. This included best practices in Quality Management, i.e. Quality Management Systems.

MBA Consult Limited was engaged to provide the training and also develop the management system.

#### COURSE OBJECTIVES

- To train selected members (food processing team) in Quality Management System (QMS) who will intend cascade the knowledge gain to other employees of the company.
- To expose participants to international quality and food standards – ISO 9001 and ISO 22000
- To outline the specific roles of employees in ensuring better quality products
- To deepen participants knowledge in the development and implementation requirements of ISO 9001 and 22000
- A move towards developing a quality conscious workforce in the company.

#### TRAINING/COURSE MODULES

- Prerequisite Programs
- Components of ISO 9001
- Components of ISO 22000
- Management and Employee Responsibilities
- Quality Assurance
- The Process Approach
- Resource Management
- Product Realization

#### NO. OF PARTICIPANTS

25, consisting of both senior management and other staff

#### RESOURCE PERSONS

Dr. Osei Amponsah

## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### Y. Occupational Safety and Health Management and Food Safety Management Systems (FSMS) Training Course for Management & Staff of Everpure Ghana Limited

**Date:** May 25, 2010

**Client/Company:** Everpure Limited

**Location:** Community 11, Tema, Ghana

#### COMPANY BRIEF

Everpure Limited is one of the leading purified water producing companies in Ghana. The company is located in Community 11 in Tema and had a workforce of 200 employees consisting of 120 males and 80 females at the time MBA trained the company's staff.

Right from its formative stages, Everpure committed to instituting Health and Safety Management Systems including obtaining international certifications such as OSHAS 18001:2005.

In view of this commitment, senior management proposed training of the entire staff of the company in general safety practices and Food Safety Management Systems to help create some awareness among staff and to provide a basis of developing a positive safety culture in the company.

MBA Consult Limited was contracted by Everpure to provide the training.

#### COURSE OBJECTIVES

The one-day course had the following specific objectives:

- To help set the context and develop the framework for safety and health management in the company.
- To create awareness among employees (participants) on the importance of effective management of the company's safety, health and quality responsibilities.
- To outline the specific roles of senior management and employees in safety and quality management systems.
- To improve employee's knowledge in safety and health management.

#### TRAINING/COURSE MODULES

- Impacts of Weak OSH Management
- Hazard Identification
- Causes and Prevention of Accidents
- Elements of Food Safety Management System (ISO 22000)
- Quality Management System (ISO 9001)

#### NO. OF PARTICIPANTS

150 (This number included senior management and general staff)

#### RESOURCE PERSONS

Kwadwo Asah



## 3.7 Safety & Environment Training

### HIGHLIGHTS



## 3.7 Safety & Environment Training

### 7. Health and Safety Awareness & Capacity Building Training Course for Christian Mothers Association (CMA)

**Date** April 26 & 27, 2010

**Client/Company:** Christian Mothers Association

**Location:** Damongo, Northern Region, Ghana

#### CLIENT/COMPANY BRIEF

Christian Mothers Association (CMA) – Damongo is an Association of 1,557 women based in the Damongo Diocese of the Catholic Church in the Northern Region of Ghana. The Association is principally engaged in picking shea nuts from the wild and processing into shea butter for sale primarily to Naasakle Limited, the Association's strategic partner.

United States African Development Foundation (USADF) of the United States of America (USA), and Development Solution Centre (DSC) based in Ghana provided financial and technical assistances to CMA to expand and scale up its operations. This included best practices in Health, Safety and Environmental Management.

MBA Consult was engaged to provide the health, safety and environment training and also develop policies and procedures for implementation by the Association.

#### COURSE OBJECTIVES

- To set the context by exposing participants to procedures towards developing and implementing Occupational Safety and Health Management System in the Association.
- To expose participants to the significant safety and health aspects associated with the operations of the Association and ways to manage them.
- Deepens participants knowledge on the impacts of weak Occupational Safety and Health management
- A move towards developing a positive safety and health culture in the Association.

#### TRAINING/COURSE MODULE

- Legal Framework on Occupational Safety and Health Management in Ghana.
- Organizing for Occupational Safety and Health (OSH) Management
- Safety and Health Aspects of CMA's Operations
- Accident Prevention – Principles and Techniques
- Risk Assessment
- Responsibilities of 'Senior Management' and 'Employees' with respect to Occupational Safety and Health Management
- Use and Management of Personal Protective Equipment (PPE).

#### NO. OF PARTICIPANTS

17

#### RESOURCE PERSONS

Kwadwo Asah

## 3.7 Safety & Environment Training

### HIGHLIGHTS





## 3.7 Safety & Environment Training

### ZA. Health and Safety Awareness & Capacity Building Training Course for Staff of Naasakle Limited

**Date:** April 28 & 29, 2010

**Client/Company:** Naasakle Limited

**Location:** Damongo, Northern Region, Ghana

#### COMPANY BRIEF

Naasakle Limited is a private limited company registered under Ghana's companies code 1963 (Act 176). The company is engaged in shea butter production for export to the United States of America (USA) market. Its main operation center in Damongo in the Northern Region of Ghana was set up to form a strategic linkage with the Christian Mothers Association (CMA) to provide labour, quality shea nuts and butter to the company for further processing/packaging in order to meet standards of the export market.

United States African Development Foundation (USADF) of the United States of America (USA), and Development Solution Centre (DSC) based in Ghana provided financial and technical assistances to Naasakle Limited. This included best practices in Health, Safety and Environmental Management.

MBA Consult was engaged to provide the health, safety and environment training and also develop policies and procedures for implementation by the company.

#### COURSE OBJECTIVES

- To set the context by exposing participants to procedures towards developing and implementing Occupational Safety and Health Management System in the Association.
- To expose participants to the significant safety and health aspects associated with the operations of the company and ways to manage them.
- Deepens participants knowledge on the impacts of weak Occupational Safety and Health management
- A move towards developing a positive safety and health culture in the Association.

#### TRAINING/COURSE MODULES

- Legal Framework on Occupational Safety and Health Management in Ghana.
- Organizing for Occupational Safety and Health (OSH) Management
- Safety and Health Aspects of Naasakle's Operations
- Accident Prevention – Principles and Techniques
- Risk Assessment
- Responsibilities of 'Senior Management' and 'Employees' with respect to Occupational Safety and Health Management
- Use and Management of Personal Protective Equipment (PPE).

#### NO. OF PARTICIPANTS

17

#### RESOURCE PERSONS

Kwadwo Asah



## 3.6 Safety & Environment Training

### HIGHLIGHTS



## 3.8 Our Team



**KWADWO ASAH**

FOUNDER/DIRECTOR -  
ENVIRONMENT & SOCIAL  
(E&S)/HEALTH & SAFETY  
EXPERT



**LESLIE ASAMOAH,**

ENVIRONMENT & SOCIAL  
(E&S) EXPERT



**ROSINA MIREKUA  
TIEKU**

ENVIRONMENT EXPERT



**EMMANUEL ELIKPLIM  
MEVEMEO**

ENVIRONMENT, SOCIAL &  
PERMIT (ESP) ENGINEER



**WINNIE DELALI ABUKU**

ENVIRONMENT, SOCIAL &  
PERMIT (ESP) ENGINEER



**CHRISTIAN ADJEI  
DOMPREH**

ENVIRONMENT, SOCIAL &  
PERMIT (ESP) ENGINEER



**VICTORIA EDEM  
LEBA-KAMANYA**

ENVIRONMENT, SOCIAL &  
PERMIT (ESP) ENGINEER



**ESME GHAMPSON**

ENVIRONMENT,  
SOCIAL & PERMIT  
(ESP) ENGINEER



**DELIGHT SOZAH**

SOCIAL PERFORMANCE  
EXPERT



**HILLA LIMAN DEBI**

HEALTH & SAFETY  
EXPERT

## 3.8 Our Team



**RICHMOND  
KOTEI-DZANE**

HEALTH & SAFETY EXPERT



**DANIEL TETTEY  
ANYANUMEH**

HEALTH & SAFETY EXPERT



**MOSES SUGRI**

HEALTH & SAFETY EXPERT



**HANNAH OSAAH  
SACKITEY**

HEALTH & SAFETY EXPERT



**BANAWEL ANTWI  
DAUDA**

HEALTH & SAFETY EXPERT



**EMMANUEL  
MINTAH BRAKOH**

HEALTH & SAFETY EXPERT



**KWEKU ASARE  
BEDIAKO**

HEALTH & SAFETY EXPERT



**MICHAEL BATSA**

HEALTH & SAFETY EXPERT



**ENOCK ASA OFOSUAPEA**

OPERATIONS MANAGER –  
FIRE ENGINEER



**DOMINIC NTIAMOAH**

ASS. OPERATIONS  
MANAGER/FIRE  
ENGINEER



## 3.8 Our Team



**ESENAM APREKU**

IT/WEB DESIGNER



**ADWOA TWUMASIWAA  
PHARIN (MRS.)**

COMMUNICATION/  
BUSINESS DEVELOPMENT/  
MARKETING MANAGER



**MAVIS ARTHUR  
DANSUA**

FRONT DESK EXECUTIVE/  
DOCUMENT CONTROLLER



**NAOMI BINEY**

FINANCE & ADMIN  
MANAGER



**ANNIE OLAGA**

FRONT DESK EXECUTIVE



## 3.8 ASSOCIATE CONSULTANT



**ANDREWS AGYEKUMHENE**

**(BSC, MPhil, PhD), WILDLIFE  
BIOLOGIST AND ECOLOGIST**

Andrews Agyekumhene is an environmental and natural resources expert with extensive experience in integrated coastal zone management. Andrews has a BSc. Degree in Oceanography and Fisheries (University of Ghana), M.Phil degree in Biological Oceanography (University of Ghana) and PhD in Integrated Coastal Zone Management (University of Cape Coast). He trained in Facilitation of Multi-Stakeholder Processes and Curriculum Development at the Wageningen UR Center for Innovation Development in the Netherlands. He has trained in Impact Assessment from various institutions and has in-depth knowledge of IFC Performance Standards and Mitigation Hierarchy.

Currently, he works with the Ghana Wildlife Division of the Forestry Commission as the Park Manager in charge of one of Ghana's five coastal wetlands. He has served in many capacities with several organizations such as Wildlife and Human Resources Organisation (WHRO), ESL Consulting, Resource and Environment Development Organization (REDO), Hlami Association of Turtle Conservation and Hope (HATCH), and most recently Nature Today Ghana.

Having worked with marine turtles for over a decade, Andrews specializes in sea turtle Ecology

and Conservation and is a member of the IUCN Marine Turtle Specialist Group. He also serves as a member on the editorial board of the Africa Sea Turtle Newsletter and is a Board Member of the International Sea turtle Society (ISTS). Andrews has vast expertise in Wildlife Management and Conservation, Mangrove Ecology, Wetland Conservation, and Community Resource Management issues.

Andrews has great expertise in developing and implementation of conservation projects and has engaged many relevant stakeholders on numerous platforms which has led to the conservation of several flora and fauna species in many parts of Ghana. As a member of the International Association of Impact Assessors, he has been involved in major consultancy works for both local and international organisations towards the development of Environmental and Social Impact Assessments for projects in Energy, Oil and Gas, Fisheries and Port infrastructure. He has attended over 40 local and international conferences and workshops. Andrews has co-authored and published in a number of journals of international repute.

## 3.8 ASSOCIATE CONSULTANT



**MR EMMANUEL  
KOFI ACQUAH**

Mr. Acquah is a senior environmental management professional with 19 years post graduate qualification experience as an Environmental and Resettlement Specialist. Mr. Acquah was Head of the Environment Department of SAL Consult Ltd from February 2011 to February 2020, and rose to become a Principal Environmental Consultant from September 2014 to February 2020 at the same firm.

He has carried out various environmental/social assignments in Ghana, Sierra Leone, Nigeria and La Cote D'Ivoire funded by the World Bank Group, African Development Bank, European Union among others, and very conversant with the safeguard policies and requirements of these international institutions.

His input as a key environmental and or resettlement specialist on various linear and site specific projects covering mining, forestry, agriculture, water supply, energy, oil/gas, telecommunications,

and other infrastructural facilities has led to the preparation of numerous Environmental and Social Assessment and Management Instruments including Strategic Environmental/Social Assessment Reports, Environmental/Social Impact Assessment Reports, Environmental Monitoring Plans, Environmental/Social Management Framework, Environmental/Social Management Plans, Health and Safety Action Plans, Emergency Response Plans, Pest Management Plans, Resettlement Action Plans, Resettlement Policy Framework, Reclamation and Decommissioning Plans among others.

In Ghana, Mr. Acquah has undertaken activities in all the erstwhile ten (10) administrative regions of Ghana, and has a wider appreciation of the various ecological, environmental and socio-cultural setting of the country.

## 3.8

## ASSOCIATE CONSULTANT



**JAMES KOJO  
ADOMAKO (DR.)**

**TERRESTRIAL ECOLOGIST**

Dr. James Kojo Adomako is a Botanist by profession and currently has a Ph.D. in Ecology. He has undertaken several flora and fauna surveys and biodiversity assessments as components of EIAs and ESIAs. He is the national Expert on mangroves to the Abidjan Convention and has facilitated several workshops on the sustainable management of mangroves in the Abidjan Convention operational areas. His research work in the field of ecology is extensive and has over 30 research papers to his name. He has worked as Associate Consultant with many environmental consultancy firms during which he conducted ecological studies and provided recommendations on impacts and mitigation measures as a result of project development.



CS488852014 C0004042867

  
REPUBLIC OF GHANA

Old TIN  
224V070413  
Old RGD Number  
CA-81,216  
Incorporation Date  
10/11/2010

## Certificate of Incorporation

I hereby certify that

**MBA CONSULT LIMITED**

is this day incorporated under the Companies Act, 1963 (Act 179) and that the liability of its members is limited.

Given under my hand and official seal at Victoriaborg, Accra,  
this 11<sup>th</sup> day of September 2014

  
For: Registrar of Companies

CS488852014 C0004042867

  
REPUBLIC OF GHANA

Old TIN  
224V070413  
Old RGD Number  
CA-81,216  
Old Commencement Date  
11/11/2010

The Companies Act, 1963, Act 179

## CERTIFICATE TO COMMENCE BUSINESS

I hereby certify that

**MBA CONSULT LIMITED**

having complied with the provision of Sections 27 and 28 of the Companies Act, 1963, Act 179 is entitled to commence business with effect from 12<sup>th</sup> day of September 2014

Given under my hand at Accra this 12<sup>th</sup> day of September 2014

  
For: Registrar of Companies





**Re-defining Safety,  
Environment & Fire  
Standards**