




## COMPANY PROFILE

- Principals
- Company Overview
- Registrations
- Organization Chart
- Key Personnel
- Consultant's Experience

### ENVIRONMENTAL/ENGINEERING CONSULTANTS

Website: [www.uptonvilleoginstu.org](http://www.uptonvilleoginstu.org) Email: [uptonedu@yahoo.co.uk](mailto:uptonedu@yahoo.co.uk)  
Tel: 08033103467, 09094001798

  
129/133 Woji Road,  
GRA Phase II Port Harcourt,  
Rivers State.

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UPTONVILLE NIGERIA LIMITED

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5. Key Personnel
6. Consultant's Experience



## VISION & MISSION....

### VISION

To achieve remarkable success as an Africa based Engineering, Environmental and Planning Consulting organization of the twenty-first century.

To align our people with the mission and vision of Uptonville Nigeria Limited, we emphasize three key values:

#### Strive for Performance

We enjoy challenges and are aimed at finding innovative viable solutions. In doing so, the clients' interest is always our first priority.

#### Deliver and Keep to Our Promises

It is not only about deadlines, but also about quality. Our company is able to provide both and can be relied upon to get things done in an efficient and pragmatic way. We want to have lasting and measurable impact within time, budget and scope at our client assignments.

#### Care About People

We enjoy competition and perform as a non- hierarchical team. Thus, the necessity of strong and lasting relationships with our clients and colleagues is indispensable.



# Mission & Vision

## ABOUT THE FIRM

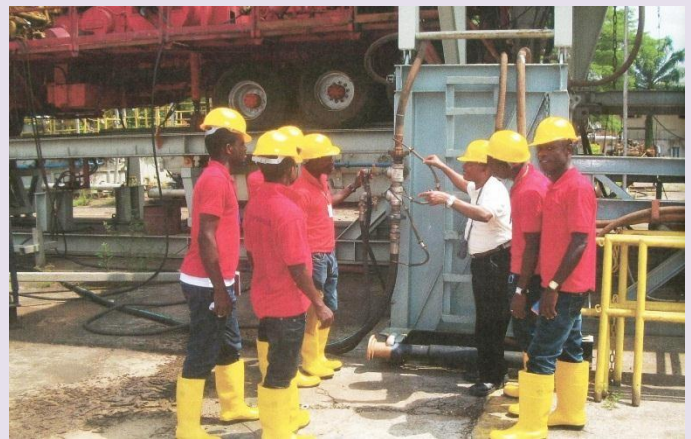
The company was incorporated in Nigeria in 1991 as firm focused on training, management and environmental consultancies. The company's clientele has been varied, the most important being Nigeria's major companies, Federal and State Government Agencies and International Organizations such as World Bank and IFAD.

The company has a workforce of over sixty (60) persons made up of Geologists, Engineers, Agriculturist, and Management Experts, our principal consultant is a Geoscientist and a Professor of Geography and Environmental Management at the University of Port Harcourt with over thirty years of professional and academic experience.

A broad spectrum of fields of expertise offered by the firm covers various areas of engineering works. Up-to-date computing facilities and network links ensure effective teamwork and generate knowledge exchanges of immeasurable volume. We deploy high level state-of-the art software in all our engineering designs and apply relevant engineering codes of practice to ensure a functional, safe, economic and aesthetic design to the satisfaction of our clients

The professional members of Uptonville Nigeria Limited are highly qualified and have had extensive working experience with reputable international consulting engineering outfits. Their experience covers wide range of specialization. They also have the working experience with international funding agencies and are fully acquainted with their evaluating and operating procedures.

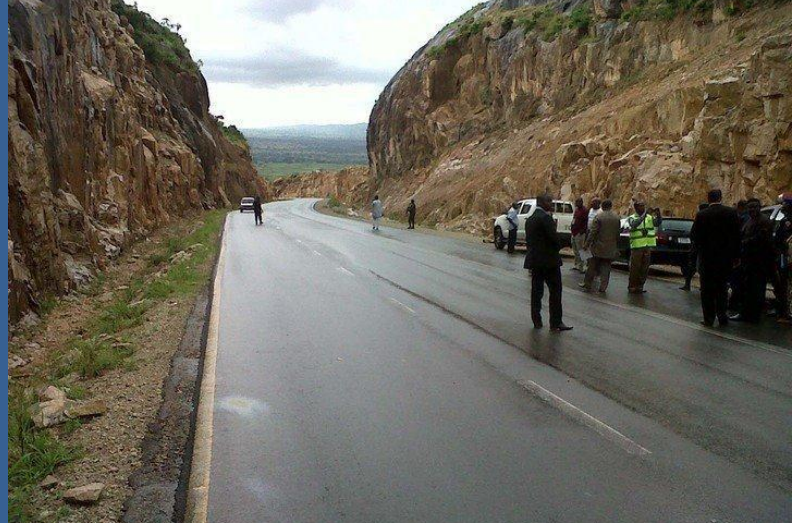
Clients include national and local governments, private developers and financial, commercial and industrial institutions, who are given professional, individual and confidential care.



## SCOPE OF SERVICES

Uptonville provides a wide range of Engineering Consultancy Services including the following:

- Master Planning and Urban Design
- Projects' Auditing, covering design aspects and executed works
- Infrastructure Design, including Water Supply, Sewage and Drainage
- Roads and Transportation
- Hydrology Studies & Flood Protection
- Marine and Maritime Works
- Geotechnical Engineering
- Project Management and Construction Supervision
- Feasibility Studies.
- Flood and Erosion Control Device
- Geological Mapping and Site Assessment.
- Design and Execution of Environmental Structures.
- Environmental Geology
- Environmental management and Assessment
- Oil spill clean-up and Soil Remediation



No. RC. 166367	
FEDERAL REPUBLIC OF NIGERIA	
<h3 style="text-align: center;">Certificate of Incorporation</h3>	
<p>I HEREBY CERTIFY that</p> <p>.....                  UPTONVILLE NIGERIA LIMITED                  .....                  .....                  .....</p>	
is this day Incorporated under the Companies Act 1968 and that the Company is Limited.	
Given under my hand at Abuja this..... 8TH..... day of JULY.....One thousand Nine Hundred and NINETY-ONE.....	
Fees and Deed Stamps ₦..... 216,000K.....	
Stamp Duty on Capital ₦..... 750,000K.....	
	<p>U. F. ABDULLAHI                  Registrar of Companies</p>

REGISTRATION WITH COMEG





REGISTRATION WITH NEBOSH







REGISTRATION WITH NOSDRA

NATIONAL OIL SPILL DETECTION AND RESPONSE AGENCY  
(NOSDRA)



CERT. NO. 259

### CERTIFICATE OF ACCREDITATION

The Director General of the National Oil Spill Detection and Response Agency (NOSDRA), hereby grants approval to the bearer whose particulars appear below to practice as Environmental Consultant in the Oil and Gas Industry.

1. Full Name of Consultant: Uptonville Nigeria Ltd
2. Corporate Affairs Commission (CAC) Registration No.: RC: 166307
3. Area(s) of Competence: Oil spill clean-up and Remediation Services

This Accreditation is granted subject to compliance with all Regulations, Guidelines, Standards and Control criteria as may be issued by the National Oil Spill Detection and Response Agency (NOSDRA) from time to time.

Date of Issue: Nov., 2012      Expiry Date: Nov., 2014

  
Director  
Planning, Policy Analysis and Research (PPAR) Department

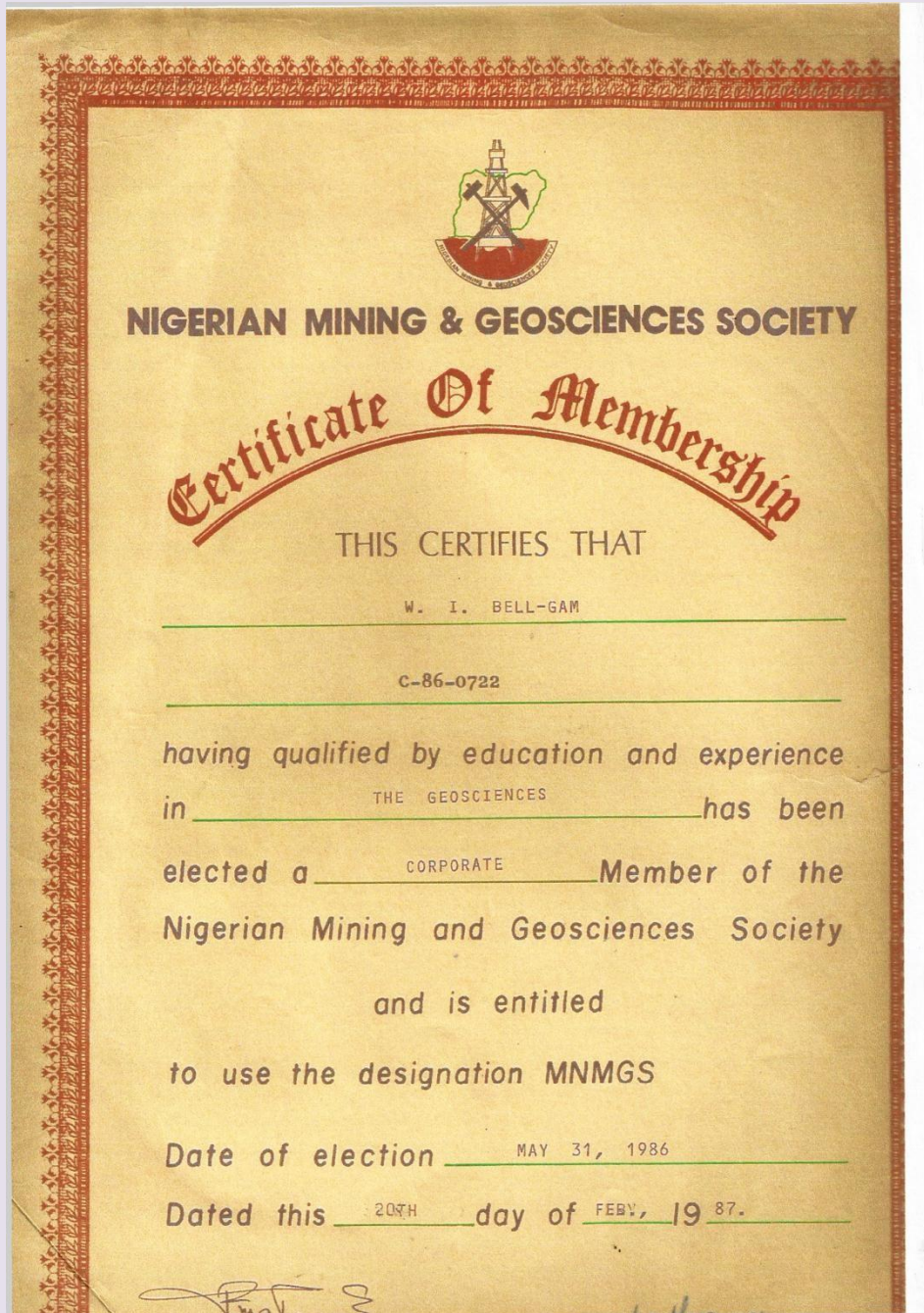
  
Director General/CE

NOSDRA shall not be liable to any claims (s) under this permit





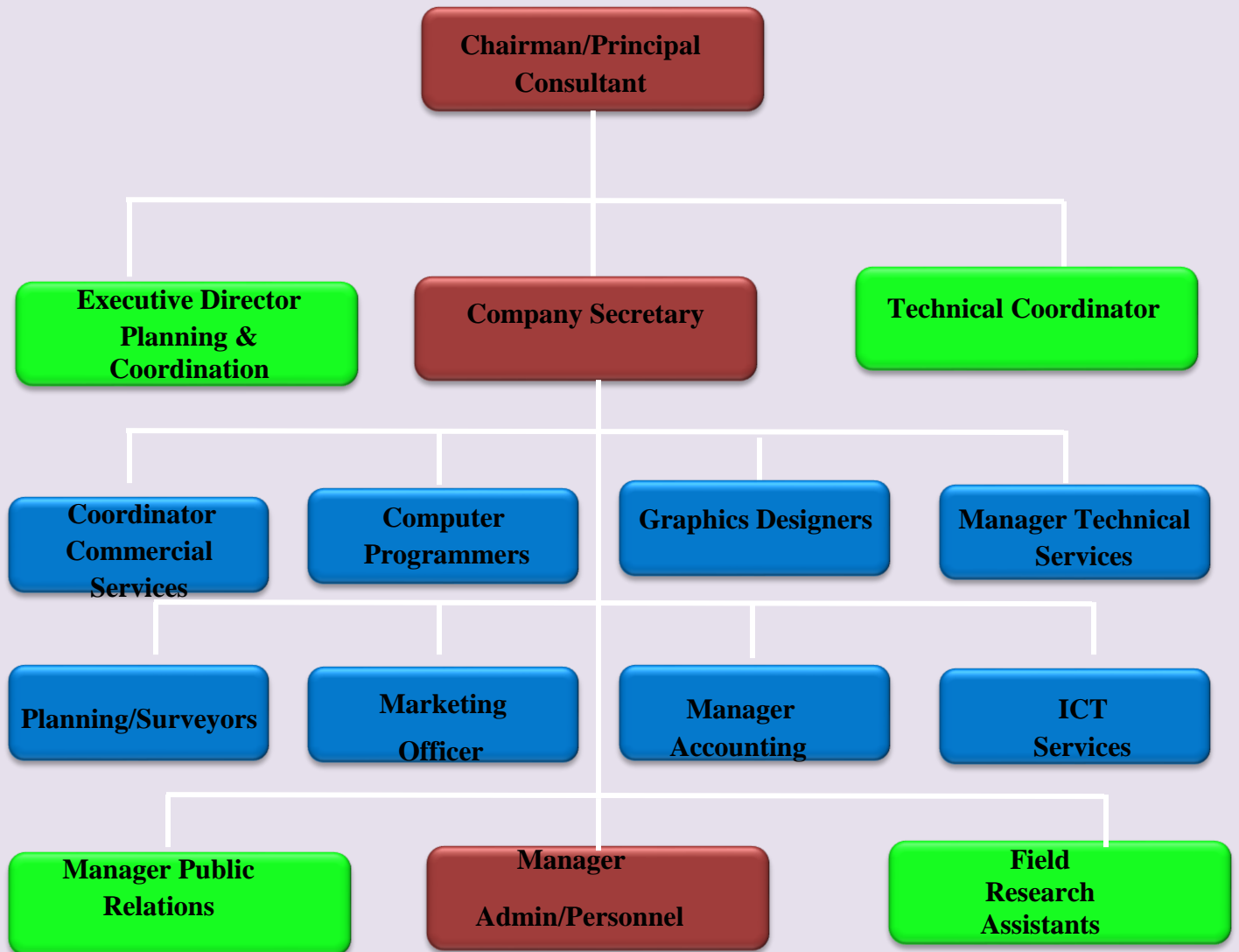
REGISTRATION WITH NMGS



**REGISTRATION WITH ROYAL TOWN PLANNING INSTITUTE**



# ORGANIZATION CHART





# KEY PERSONNEL

The key principal/founder (Professor Winston I. Bell-Gam) is a Regional Planner, an Environmental Consultant and Chartered Geoscientist with 35 years of post-graduate experience involving work, study and consulting in Nigeria, the UK and Europe. Asia, the United States including the World Bank where he is a registered consultant.

He was for ten years the founding Director of the Consultancy, Research & Development Centre of the university of Port Harcourt, Nigeria. He was formerly Principal Research Fellow (Associate Professor) and Head of the Geotechniques, Land & Water Management Division of the Institute of flood, Erosion, Reclamation and Transportation now renamed Institute of Geoscience and Space Technology (IGST) at the Rivers State University of Science & Technology, Port Harcourt,

He has directed several consulting assignments for oil, water, chemical construction and real estate industries including Shell Petroleum Development Company (SPDC), Chevron Nigeria Limited, Elf Petroleum Nigeria Limited and Mobil Producing Nigeria Unlimited.

He has been consultant as well as member of several Inter-ministerial committees of Federal and State Governments and participated in policy development and implementation of Government funded water project. As a member of Rivers State Government (Commissioner of Agriculture and Natural 1989-1992, he concluded negotiations for the World bank funding of the Rivers State Agricultural Development Programme (ADP) and the International Fund for Agricultural Development (IFAD) funding of the State's Artesanal Fishing Programme. Community Development Programmes



- 1. URBAN PLANNING**
- 2. INFRASTRUCTURE DESIGN & SUPERVISION**
- 3. PROJECT MANAGEMENT**
- 4. HYDRO STUDY/FLOOD PROTECTION**
- 5. OIL & GAS TRAINING**
- 6. ENVIRONMENTAL INVESTIGATION, DESIGN & ASSESSMENT**
- 7. ENVIRONMENTAL AUDIT**
- 8. OIL SPILL & REMEDIATION**
- 9. COMMUNITY BASED PROJECT**
- 10. VOCATIONAL TRAINING/ENTERPRIS**
- 11. CONTINUAL PROFESSIONAL DEVELOPMENT FOR PETROLEUM GEOSCIENCE**



**URBAN PLANNING**



**URBAN PLANNING**

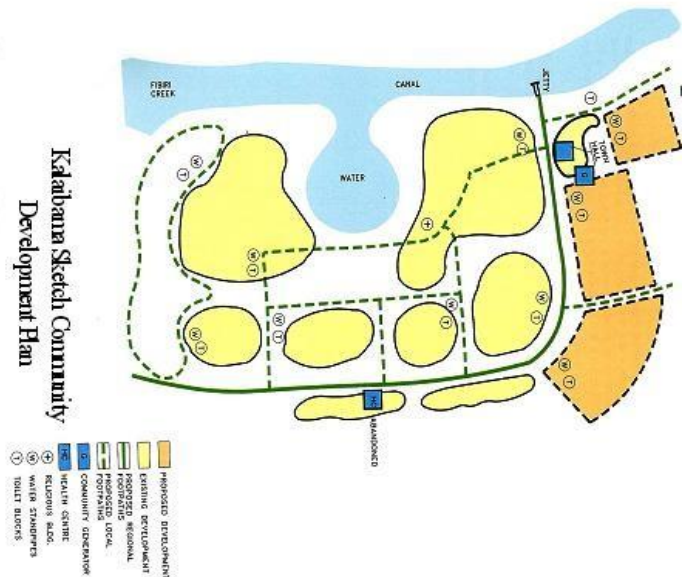


## BONNY MASTER PLAN

### BONNY MASTER PLAN

Uptonville Foundation and her International Partners, Dar-Al Hadassah Consultants was contracted to produce a comprehensive Master plan up to 2020 on the auspices of SPDC, NNLC, and Mobil Producing Nigeria. Foundation being the local partner responsible for conducting the studies;

Socio-economics studies, Manpower Development Plan, Land Use Plan, Transportation studies, Economic/Employment Studies.



## BONNY MASTER PLAN

Firm's Name:	Uptonville Nigeria Limited
Authorised Signature:	Prof. Winston I. Bell-Gam

<b>Assignment name:</b> Bonny Master Plan		<b>Country:</b> NIGERIA
<b>Assignment Location</b> within country: Rivers State		<b>Duration of assignment (months):</b> Twenty- Four months
<b>Name of Client:</b> Joint Industry Companies (LNG, SPDC, Mobile)		<b>Professional Staff provided by your Organisation:</b> No of Staff:7 No of Person-Months: 24
<b>Start Date</b> (Month/Year) January,2000	<b>Completion Date</b> (Month/Year) December,2002	
<b>Name of Joint Consultant:</b> Dar Al-Handasah.		No.of Person-Months of Professional Staff provided by associated Consultants: N/ A
<b>Name of Senior Staff:</b> Prof. Winston. I. Bell-Gam (Project Director and Planner) Ikeako Jonathan (Project Manager) Friday Onyije (GIS specialist) Isaac Okonny (Surveyor) S.J Peterside (Sociologist) Ehi-Iden Kelechi (Environmentalist.) Dr. H I Bell-Gam (Public Health Specialist)		
<b>Detailed Narrative Description of Project:</b> Bonny Master plan and New Town Development study is aimed to establish orderly and efficient development of the town over the next 20years.		

### Detailed Description of Actual Services Provided by your Staff:

- The consultant was responsible for the provision of
- Population study and socio-economic survey
- Strategic Land Use
- Geotechnical Report.
- Transport/ traffic Survey
- Infrastructural/utility mapping
- Hydrographic survey Report



## PORT HARCOURT DRAINAGE MASTER PLAN

Firm's Name:	Uptonville Nigeria Limited
Authorised Signature:	Prof. Winston I. Bell-Gam

<b>Assignment name:</b> Port Harcourt Drainage Master plan	<b>Country:</b> NIGERIA
<b>Assignment Location</b> within country: Rivers State	Duration of assignment (months): Twenty-Two months
<b>Name of Client:</b> Rivers State Ministry of Works	Professional Staff provided by your Organisation: No of Staff:7 No of Person-Months:
Start Date Completion Date (Month/Year) (Month/Year) June, 2005	
April, 2007	
<b>Name of Senior Staff:</b> Prof: Winston. I. Bell-Gam (Project Director and Planner) Gamal Abu Heneidy (Project Manager) Friday Onyije (Hydrologist) Bright Kolade (Surveyor) Augustine Uchendu (Geo-Scientist) Andrew Uzoigwe (Design Eng.)	
<b>Detailed Narrative Description of Project:</b> Bonny Master plan and New Town Development study is aimed to establish orderly and efficient development of the town over the next 20years.	
<b>Detailed Description of Actual Services Provided by your Staff:</b> The consultant was responsible for the provision <ul style="list-style-type: none"> <li>• Transport/ traffic Survey</li> <li>• Hydrographic survey Report</li> <li>• Engineering Studies</li> <li>• Priced and Unpriced Bill of Engineering Measurement and Evaluation a</li> <li>• Geotechnical Report.</li> <li>• Hydrographic survey Report</li> </ul>	



UPTONVILLE NIGERIA LIMITED



## ROAD & TRANSPORTATION



## DESIGN &amp; SUPERVISION OF INTERNAL ROAD

<b>Assignment Name:</b> Design and Supervision of Internal Road of St Joseph Catholic Church, Ezioha Amaifeke, Orlu LGA, Imo State		<b>Country:</b> <b>NIGERIA</b>
<b>Assignment Location:</b> within country: IMO STATE		<b>Duration of assignment (months):</b> One Month
<b>Name of Client:</b> NIGER DELTA DEVELOPEMNT COMMISSION (NDDC)		<b>Professional Staff provided by your Organization:</b> No of Staff: 6 No of Person-Months: 4
<b>Start Date</b> (Month/Year) JUNE,2015	<b>Completion Date</b> (Month/Year) JULY,2015 (supervision on-going)	
Name of associated Consultants, if any: N/A provided by associated Consultants: N/A		N2 of Person-Months of Professional Staff
<b>Name of Senior Staff:</b> Prof: Winston. I. Bell-Gam (Project Director) Sandra Ezeani (Project Coordinator) Johnson Ajaja (Team Leader) Bright Kolade (Surveyor) Augustine Uchendu (Geo-Scientist) Andrew Uzoigwe (Civil Engr)		
<b>Detailed Narrative Description of Project:</b> Design and Supervision of Internal Road of St Joseph Catholic Church, And Ama John Thru Ama Felix To ama Louise Street (I.5m) With Drains Ezioha Amaifeke, Orlu LGA, Imo State.		
<b>Detailed Description of Actual Services Provided by your Staff:</b> The consultant was responsible for the provision of <ul style="list-style-type: none"> <li>• Detailed Engineering Design Report,</li> <li>• Priced and Unpriced Bill of Engineering Measurement and Evaluation a</li> <li>• Design Calculation</li> <li>• Geotechnical Report</li> <li>• Supervision of the Road Construction</li> </ul>		



## OPOBO RING ROAD

Firm's Name:	Uptonville Nigeria Limited	
Authorised Signature:	Prof. Winston I. Bell-Gam	
Assignment name: OPOBO RING ROAD	Country: NIGERIA	
Assignment Location within country: Rivers State	Duration of assignment (months): 3	
Name of Client: Niger Delta Development Commission (NDDC)	Professional Staff provided by your Organization: No of Staff: 6 No of Person-Months: 9	
Start Date (Month/Year) JULY,2012	Completion Date September, 2012	
<b>Name of Senior Staff:</b> Prof: Winston. I. Bell-Gam (Project Director and Planner) Gamal Abu Heneidy(Project Manager) Friday Onyije (Hydrologist ) Bright Kolade ( Surveyor) Augustine Uchendu ( Geo-Scientist) Andrew Uzoigwe ( Design Eng.)		-
<b>Detailed Narrative Description of Project:</b> Design and planning of Opobo New Layout Internal Network of Roads.		
<b>Detailed Description of Actual Services Provided by your Staff:</b> The consultant was responsible for the provision of <ul style="list-style-type: none"> <li>• Engineering Studies <ul style="list-style-type: none"> <li>• Priced and Unpriced Bill of Engineering Measurement and Evaluation a</li> <li>• Design Calculation</li> <li>• Geotechnical Report.</li> <li>• Hydrographic survey Report.</li> </ul> </li> </ul>		



**DESIGN & SUPERVISION OF INTERNAL ROAD**

Firm's Name:	Uptonville Nigeria Limited
Authorised Signature:	Prof. Winston I. Bell-Gam

<b>Assignment name:</b> DESIGN AND SUPERVISION OF 1 Km Oriekpa Umueze- Lati Road, Phase 2 (350) Ahiazu Mbaise LG A, Imo State		<b>Country:</b> NIGERIA
<b>Assignment Location</b> within country: IMO STATE		<b>Duration of assignment (months):</b> One Month
<b>Name of Client:</b> Niger Delta Development Commission (NDDC)		<b>Professional Staff provided</b> No of Staff: 6 No of Person-Months: 4
<b>Start Date</b> (Month/Year) JULY,2015	<b>Completion Date</b> (Month/Year) AUGUST ,2015 (supervision on-going) _	
Name of associated Consultants, if any: N/A		No of Person-Months of Professional Staff provided by associated Consultants: N/A
<b>Name of Senior Staff:</b> Prof: Winston. I. Bell-Gam (Project Director) Sandra Ezeani (Project Coordinator) Johnson Ajaja (Team Leader) Bright Kolade(Surveyor) Augustine Uchendu (Geo-Scientist) Andrew Uzoigwe (Civil Engr.)		
<b>Detailed Narrative Description of Project:</b> Design and Supervision of 1 Km OriekpaUmueze-Lati Road, phase2 (350), AhiazuLGA, IMO State. The road is a designed with one-sided drainage system and as continuation of phase 1 earlier constructed.		
<b>Detailed Description of Actual Services Provided by your Staff:</b> The consultant was responsible for the provision of <ul style="list-style-type: none"> <li>• Detailed Engineering Design Report,</li> <li>• Priced and Unpriced Bill of Engineering Measurement and Evaluation a</li> <li>• Design Calculation</li> <li>• Geotechnical Report</li> <li>• Supervision of the Road Construction</li> </ul>		

## DESIGN & SUPERVISION OF INTERNAL ROAD

The design documents to be submitted are highlighted below:

- Design Report
- Geotechnical Investigation Report
- Design Calculations
- **Construction Drawings**
- Priced BEME
- **Un-Priced BEME**



**FIELD SURVEY WORK IN PROGRESS WHERE PROPOSED ROAD INTERSECTS  
PHASE 1 NDDC PROJECT - CH1+268**



## DESIGN & SUPERVISION OF INTERNAL ROAD

### Drain Consideration:

Location of discharge points for surface run-off is an important consideration when considering provision of side drains in a built-up area.

There is however a serious challenge as there is no discharge point for surface run-off in the vicinity. The one-sided drain provided on the on-going phase 1 NDDC road pavement in the vicinity has higher invert level as compared with the proposed drain invert, hence inappropriate as discharge point for run-off volume.

Provision was made for one-sided drain as shown in the typical pavement structure which is designed to discharge into an improvised catchment pits in the vicinity. The catchment pit is assumed to first serve as source of lateritic filling materials for the high embankment in the pavement structure.



**A TYPICAL VIEW OF THE EXISTING ALIGNMENT CH 0+650**

# DESIGN & SUPERVISION OF INTERNAL ROAD



**EXCAVATION FOR DRAIN ALONG NDDC PHASE 1 PROJECT AT CH 1+ 268 AT THE END OF PROPOSED PHASE 2 PROJECT**

### **Horizontal Alignment and Super-Elevation:**

The design target for the project is to achieve a flowing alignment consistent as much as possible with the topography and design standards for minimum sight distances. The AASHTO recommends a value of 0.18 as Coefficient of lateral friction for a design speed of 30Km/hr. Maximum Rate of Super-elevation value as recommended by AASHTO is 0.12. The Minimum Design Horizontal Curve Radius of 24 meters specified by design standards was adhered to in most cases on the alignment due to restrictions.

VD	=	Design Speed [Km/hr] = 30Km/hr
e	=	Rate of Super Elevation = 0.12
f	=	Side friction = 0.18 (see Reference)
R <sub>min</sub>	=	Minimum Curves Radius = 24m
D <sub>max</sub>	=	Maximum Degree of Curve = 73.34°
R	=	Curve Radius

### **Vertical Alignment:**

The maximum gradient of 1.065% occurs between chain-ages CH 0+500 and chain-age CH 0+800. This maximum gradient designed for the road profile is far below the allowable maximum gradient of 4% as specified by the code of practice for level or plain terrain, hence it can be classified as a level/plain terrain.



UPTONVILLE NIGERIA LIMITED



# ENVIRONMENTAL ASSESSMENT AND DESIGN



# DESIGN OF STORM WATER DRAINAGE SYSTEM

<b>Firm's Name:</b>	Uptonville Nigeria Limited
<b>Authorized Signature:</b>	Professor Winston I. Bell-Gam

<b>Assignment Name</b> Design of Storm Water Drainage System	<b>Country:</b> Nigeria
<b>Assignment Location:</b> Within Country: Rivers State	<b>Duration of Assignment (Months):</b> Three Months
<b>Name of Client:</b> Niger Delta Development Commission	<b>Professional staffs provided by your organization:</b> No. of Staffs: 6    No. of Persons-Month: 9
<b>Start Date/Month/Year</b> July 2013	<b>Completion Date/Month/Year</b> September 2013

<p><b>Name of Associated Consultants, if any: No of Person-Month of Professional Staff Provided by Associated Consultants: N/A</b></p> <p><b>Name of Senior Staff:</b> Prof. Winston I. Bell-Gam (Project Director and Planner) Sandra Ezeani (Project Coordinator) Friday Onyije (Hydrologist) (Team Leader) Bright Kolade (Surveyor) Augustine Uchendu (Geo-Scientist) Andrew Uzoigwe (Civil Engineer).</p>
<p><b>Details Narrative Description of Project:</b></p> <p>Design and Planning of Remedial Drainage System for Iriebe and surrounding environs in Elelenwo, Igbo/Etche and Oyigbo.</p>
<p><b>Details Description of Actual Services Provided By Your Staff:</b></p> <p>The Consultant was responsible for the provision of</p> <ul style="list-style-type: none"> <li>* Detailed Engineering Design Report</li> <li>* Priced and Unpriced Bill of Engineering Measurement and Evaluation</li> <li>* Design Calculation</li> <li>* Geotechnical Report</li> <li>* Hydrographic Survey Report</li> </ul>



## IFERT REPORT

### **(1983)**

Title: Preliminary Study of New

Finima. Contribution: Author of the report

Outcome: Permanent Retainership for IFERT. Over N2,000,000 earned.

### **IFERT (March, 1985)**

Title: Finima Relocation Site for Bonny LNG project report No.3.

Investigation into the accessibility of the entrance to Mongolo Bie Creek and recommendations to improve the Navigability.

Contribution: Analysis of field data produced by RCE, IFERT and Production of the report.

### **IFERT (1985)**

Title: New Finima Town Site.

Report of Geological and Geotechnical Investigations submitted to the Nigerian National Petroleum Corporation, Finima Relocation Committee. Contribution: As Principal Consultant, Coordinated Data acquisition, analysis and collation of report.

### **IFERT (1986)**

Title: Design specification and bill of quantities: Ndoni. Submitted to the Erosion sub-committee, National Ecological Disasters Committee, Rivers State Branch.

Contribution: Diagnosed problem after field visits. Produced concept and report of design.

### **IFERT (1986)**

Title: Design specification and bill of quantities: Toru Ngoro. Submitted to the

Erosion Sub-committee, Rivers State Branch of National Committee on Ecological Disasters.

Contribution: Conceptualization and supervision



## ENVIRONMENTAL AUDIT

### **FBN (Merchant Bankers/Standard Bank Consortium) Environmental Audit of Eleme Petrochemicals Company Limited**

This Environmental Audit Report has been undertaken by the FBN Consortium as part of its due diligence advisory services to the BPE of Nigeria. The Specialist studies have been undertaken by Uptonville Consultants who specialize in Environmental Management and Technological Studies.

The purpose of this Environmental Audit is to determine the extent of the Environmental liabilities that may be passed on to the buyers of the Eleme Petrochemical Company Limited (EPCL). The major areas of emphasis, natural pollutants, industrial pollutants, and their effects on the health and social structure of the host communities have been covered.

The protocols governing such an exercise are scientifically established procedures. They have also been clearly specified in the Terms of Reference (TOR) issued to the consortium and contained in the agreement between the consortium and the BPE. Visits to the Website of the BPE provided consultant access to BPE guidelines for the conduct of Environmental Audit. So too, the review of the document Stand Alone Terms of Reference for Environmental Audit which suggests a format dealing with the segmental arrangement of the various sections. This format has been adopted in creating the present chapters from the draft report which was submitted initially.



## IDOHO-QIT OIL SPILLAGE

### **MOBIL PRODUCING NIGERIA UNLIMITED**

### **REPORT OF THE CONSORTIUM FOR THE VERIFICATION OF CLAIMS AGAINST MOBIL ARISING FROM THE IDOHO-QIT PIPELINE OIL SPILLAGE (JAN. 12, 1998)**

#### **ENVIRONMENTAL STUDIES AND POST IMPACT ASSESSMENT RIVERS STATE**

Mobil Producing Nigeria Unlimited (MPNU) announced that 40,000 barrels of its crude oil had spilled into the Atlantic Ocean due to a pipe burst of the Company's main trunk pipeline between the Idoho Platform and the Qua Iboe Terminal (QIT). The incident reported to have occurred between 2 a.m. and 8 a.m. of the 12<sup>th</sup> of January, 1998 induced the traditional concern of the Mobil Organization worldwide leading to immediate cleaning, rehabilitation and compensation efforts.

Environmental studies were ordered within 24 hours of the incident. A report on the Short Term Environmental Impact Assessment was produced within six Weeks. That report guided the cleaning up and relief strategies adopted by the Company.

The present report contains the findings by an Environmental Team that participated in the assessment of claims brought against Mobil by many communities and individuals in affected coastal states: Akwa Ibom, Cross River, Rivers, Bayelsa, Delta, Ondo and Lagos State.

The Environmentalists worked as members of a multidisciplinary team made up of Engineers, Lawyers, Estate Surveyors and land Surveyors, Insurance executives and medical professionals. Verification centers selected by the Government of the various states were visited; all the river systems in the states made up of several estuaries and tributaries were inspected, tested in situ and sampled.

The environmental assessments included inspection of beaches and river banks, towns and villages, for signs of petroleum hydrocarbons, socio-economic survey of communities and thorough investigation of water systems soil and sediment for any organic or inorganic changes that could be attributable to the Mobil oil spill incident.

Field and Laboratory measurement of the usual parameters for environmental impact assessment were undertaken. Boat transportation combined with land took team members through the winding creeks, the estuaries, the back swamps and the beaches making it possible for the vegetation quality, air quality and water quality to be assessed. Fingerprinting of tar balls and petroleum extracted from sampled water is in progress. Preliminary studies of the information obtained from the QIT indicated the predominance of Southwest winds as well as substantial North East and southerly winds, suggesting rapid dispersion of the spilled oil in various directions during the first week of the spill. Up to 80% of the spilled oil is reported to have evaporated during the first week, nearly double the expected amount of about 43%. This is explained by the large proportion of the light weight hydrocarbons in the mixture of crudes which gathered into the Idoho QIT pipeline from the various Mobil wells.



## COMMUNITY BASED PROJECTS





**Santon Engineering Consultant**

- (a) State Environmental Action Plan (World Bank Assisted Project) in Enugu and Anambra States
- (b) National Boreholes Rehabilitation Project as Water Consultants in Enugu and Anambra States.

**World Bank**

**State Environmental Action Plan in Enugu and Anambra States**

**Dar Al-Handasah**

- (a) Design of a Master Plan for the Bonny Kingdom, a Shell, Mobil and NLNG Joint Venture Contract.
- (b) Design of Port Harcourt Swarm water Drainage Master plan.

**Affiliation and Strategic Alliances**

For effectiveness and efficiency, a company needs to be vast in its specialty field and be able to draw strength from local and foreign partners. Uptonville fulfills both requirements and has the following partners and strategic allies.

The organization as well as Professor Bell-Gam has undertaken several community- based projects across the state on behalf of oil companies, a few examples are indicated below: -

**OLOMA BONNY,**

Worked with Oloma Community and produced a technical documentation, provided advisory services which led to the modification and improvement of the shore's protection undertaken by SPDC for the community. Some of the activities include;

- Fore Shore Protection,
- Socio-economic studies for the Land Use Management studies.

**OBELLE COMMUNITY**

Worked closely with **SPDC** Petroleum Engineers and Community Relations Professional and arriving at settlement of the major issues arising from the Obelle gas seepage and fire disaster. The organization carried out the following;

- Post Impact Assessment studies of the fire disaster
- Socio-economic survey of the community.

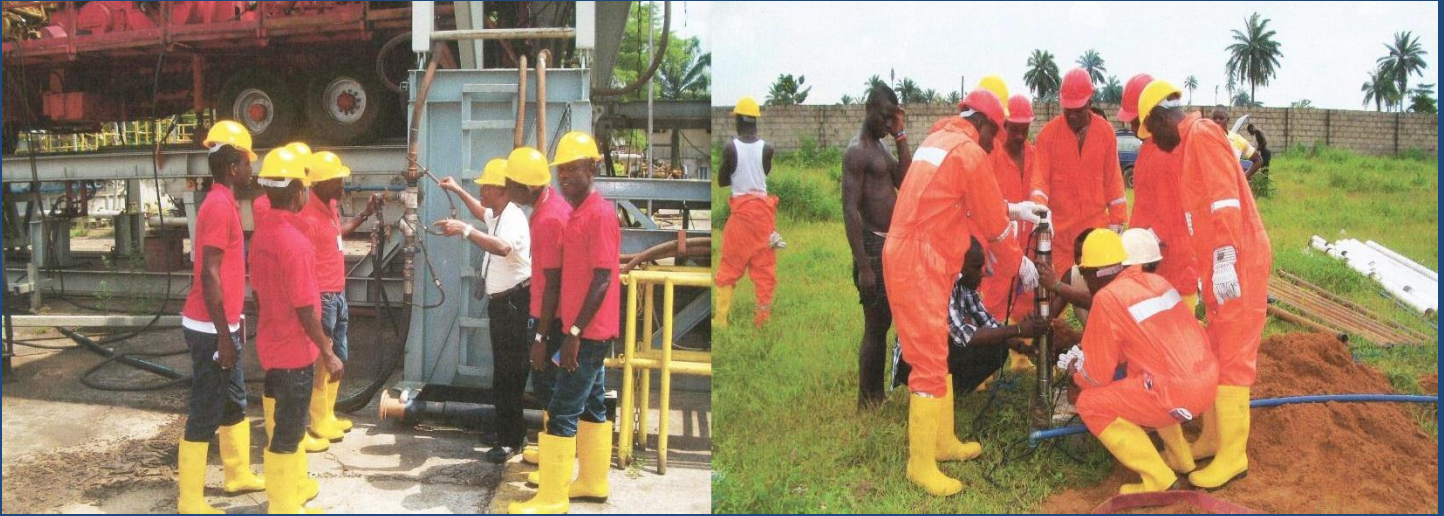


**PERIMETER FENCING FOR IMO STATE POLYTECHNIC**

Firm's Name:		Uptonville Nigeria Limited
Authorized Signature		Prof. Winston I. Bell-Gam
<b>Assignment name:</b> Design and Supervision of Perimeter Fencing for Imo State Polytechnic, Umuagwo , Imo State		Country: NIGERIA
Assignment Location within country: Rivers State		Duration of assignment (months): Three month
Name of Client: Niger Delta Development Commission (NDDC)		Professional Staff provided: No of Staff: 6 No of Person-Months: 9
Start Date July,2013	Completion Date September ,2013	
Name of associated Consultants, if any: N/A		N <sup>o</sup> of Person-Months of Professional Staff provided by associated Consultants: N/A
Name of Senior Staff: Prof: Winston. I. Bell-Gam (Project Director and Planner) Sandra Ezeani (Project Coordinator) Friday Onyije (Hydrologist) (Team Leader) Bright Kolade (Surveyor) Augustine Uchendu (Geo-Scientist) Andrew Uzoigwe(Civil Engr)		
Detailed Narrative Description of Project:  Design and Supervision of Perimeter Fencing for Imo State Polytechnic, Umuagwo , Imo State.		
Detailed Description of Actual Services Provided by your Staff:  The consultant was responsible for the provision of <ul style="list-style-type: none"> <li>• Detailed Engineering Design Report,</li> <li>• Priced and Unpriced Bill of Engineering Measurement and Evaluation a</li> <li>• Design Calculation</li> <li>• Geotechnical Report.</li> <li>• Hydrographic survey Report.</li> </ul>		



**UPTONVILLE NIGERIA LIMITED**



## **VOCATIONAL TRAININGS BY UPTONVILLE NIGERIA LIMITED**



### **Offshore Firefighting & Emergency and River/Marine Safety Courses**

Under Offshore Firefighting & Emergency Course, there are seven sub-courses namely: Safety Induction, Personal Survival Swimming Technique, Offshore Survival, First Aid/ CPR, Fire Prevention & Fighting, Helicopter Underwater Escape and Fire Welding. Presently we have rounded off the Safety Induction and Personal Survival Swimming Technique and are halfway through the others (see attachment).

### **Flow Station Course**

Flow Station course entails three major levels of study. These are: Rudimentary Formation, Advance Formation and Professional Formation. As at today, we are almost rounding off the Advance stage of the training (see attachment)

### **Training Time**

Training Time for Basic/Beginner program last for a minimum of six months while Advance program takes between six and nine months.

### **Testing / Continuous Assessment**

Having spent about half of the postulated program time, the trainees will undergo a one-week assessment period and details of their performances would be reported.

#### **Hydrogeology/Water Borehole Drilling**

The organization was engaged by the International Foundation for Education and Self - Help (IFESH) [in partnership with USAID and Conflict Abatement through Local Mitigation (CALM)] to select and through youths from across the Niger Delta. The selected youths were trained in Geo-Technical Survey, Petroleum Geosciences and Hydro- Geology.

The organization was also required to provide assistance in setting up of business ventures for the each of Youth Association at the completion of the training to youth groups especially members of the Basketball for Peace (BB4P) zones and Community Youth Association.

#### **Oil and Gas Training for Youths In Rivers State.**

The organization was engaged by the Rivers State Sustainable Development Agency (RSSDA) to select and trained 100 Rivers State indigenes, in Petroleum Geoscience course for the award of Ordinary National Diploma Certificate. Uptonville Foundation was assigned the responsibility of selection of four beneficiaries from each LGA of the state. A total of 100 beneficiaries was selected from different LGAs for the two-year program.

## BASIC PROFESSIONAL COURSE SOLID MINERALS EXPLORATION

### *Course Overview*

The basic professional course on solid minerals exploration focuses on geology, mining methods, exploration technology, surveying, and computer applications for mining operations and mineral explorations. Participants will learn hands-on science and engineering skills. Mining is a cornerstone industry of many communities throughout Nigeria, especially in the northern part of the country. It is one of the contributors to our economy. However, continuous updates in terms of skills and technology acquisition have been very poorly articulated. To this end, appropriate ministries, departments and agencies of government and the private sector as well as professional associations will need to do everything possible to measure up to other developed nations that have constantly improved their solid mineral base through continuous education and acquisition of novel technologies. The mining industry requires practitioners who have the skills necessary to keep up with these advances. Virtually all technical jobs within the mining and mineral exploration sector, including geology, engineering, mineral processing, environmental assessment and surveying, require continuous education and updates. Participants that are interested in a varied work environment, in the office, laboratory or field, and like solving scientific problems, this program will appeal to you. The program is supported by industry collaboration and experienced professionals who will be available to handle the different modules. Field trip is also an integral part of the program which will run for one day out of the ten days slated for the course. Guest lecturers will be invited to give talks on topical issues to participants and provide them with the opportunity to interface with the mining world. Online programs on the course exist for professionals who may not find time to be physically present for this training.

### **Physical geology**

Under physical geology participants will be exposed to

Overview on the processes and materials that form and shape the planet earth \_ The theory of plate tectonics will be used as the basis in understanding the fundamental geological processes that operates both on, and beneath the earth's surface \_ The formation and characteristics of minerals and development of the geological time scale, and deformation in the earth's crust

Introduction to the geology of mineral and energy deposits and the geology of Nigeria and Africa

Laboratory work will include the identification of minerals, examination of geological maps and structures, and study of geological processes

### **Surface Mining and Blasting**

This will include examining in details those aspects of the design, planning and operation of surface mines.



## OGONI CLEAN-UP PROJECT

<b>Firm Name</b>	Uptonville Nigeria Ltd.
<b>Authorized Signature</b>	Professor Winston I. Bell-Gam
<b>Assignment Name</b>	Remediation of Hydrocarbon Impacted Site at Nweekol Zoubuke Section A
<b>Name of Location</b>	K-dere Gokana LGA, Rivers State
<b>Name of Client</b>	Federal Ministry of Environment (Hydrocarbon Pollution Remediation Project - HYPREP)
<b>Duration of Assignment</b>	12 months
<b>Nature of Contract</b>	Sub-Contract
<b>Name of Principal</b>	Centennial Development & Investment Ltd.
<b>Start Date</b>	March 2021
<b>End Date</b>	February 2022
<b>Name of Senior Staff</b>	Professor Winston I. Bell-Gam (Project Director) Engr. Sandra Ezeani (Site Engineer) Henry Duke (Civil/works) Nehemiah Iwezo (Site HSE) Ekpe Godwin (Site QHSE)
<b>Narrative of the Project</b>	Clean-up of the Hydrocarbon contaminated area at K-dere, Gokhana LGA, Rivers State.
<b>Deliverable</b>	Biocell Constructions Excavation of impacted soil Treatments with NOSDRA approved nutrients Backfilling of treated soil



## Engineered Bio-Cell under Construction



**Impacted Soil Excavation**



Oil spill incidents have occurred in various parts and at different time along our coastal and inland settlement. Among some of the oil spill incident occurred in 12th of January 1998 at Idoho platform belonging to Mobile Producing Nigeria. Due to geographic location of the Idoho platform, the Oil spill was dispersed in different direction finding it's ways into land, rivers, creeks, estuaries. As a result, the ecosystem is disturbed, socio-economic activities of the environment is also affected. This therefore required immediately cleaning, rehabilitation and compensation efforts.

The Oil spill management processes in the marine environment, efficient shoreline clean-up using different response techniques.

The aim of the training is to create a realistic system and approaches in Oil spill response which will provide the trainee with the required knowledge for responding effectively incidents.

### **COURSE BENEFIT**

By the end of course, the trainee will learn.

- \* Effective coordination of response
- \* Correct decisions on response techniques and prioritized actions
- \* Effective Monitoring and Reporting
- \* Efficient Use of Field Resources
- \* Describe and Demonstrate Various Types of Oil Spill Response Equipment and their Capabilities.
- \* Discuss Plans associated with spill response
- \* Describe how to develop strategies and tactics from objectives
- \* Discuss oil behaviour, including tools utilized to estimate spill volume, trajectory modelling and spill tracking.
- \* Understand response equipment, technologies and techniques available for use in spill response.
- \* Understand components of crisis communication.



Class exercises are developed for trainees to utilize and practice their learning. These types of exercises are carried out in smaller group of up to a maximum of five persons. An exercise will normally link to previous presentations and involve some background information to allow the trainees to answer a variety of questions.

Typical exercises include but are not limited to:

- (a) Making manual predictions of oil slick's trajectory;
- (b) Estimating the quantity of oil from a simulated overflight;
- (c) Developing a situation display
- (d) proposing response strategies for given spill scenarios;
- (e) Developing shoreline clean-up and protection techniques for given spill scenarios

## **Course Work**

The student is expected to hand in course work at the end of each study week which will be assess and score by the trainer.

This course runs four times in a year, February, May, August and November.