

**Annex 4 - AMERICAN NEW EMBASSY COMPOUND SCOPING MEETING
14 November 2007 at Binnie Lodge, Lusaka**

AGENDA

1. Opening remarks
2. Developer's presentation
3. Environmental Impact Assessment Presentation
4. Questions
5. Closing Remarks

PRESENT

NAME	POSITION	ORGANISATION
Bornwell Luanga	Director of Engineering	Lusaka City Council
Humphrey Mwale	Senior Inspector	Environmental Council of Zambia
K. Mukuka	Engineer Planning	ZESCO
C. Moombe	Engineer Planning	ZAMTEL
Herbert Chinokolo	Projects Manager	LWSC
Nonde Munkanta	Chairman	MINDECOS
Rich Williams	Consultant	US Embassy
Denver Herren	Management Officer	US Embassy
Hillary Zahn	Planning Manager	OBO/PD/PEA/CPB
James Lehman	Project Director	Department of State, US
Tom Eckert	Project Integration	OBO/PD/PID, US
Vivian Kalabi	Administration Manager	US Embassy
Daniel Holmes	Managing Director	DH Engineering Consultants
Martin Lorenz	Environmental Officer / Local resident	DH Engineering Consultants
Liseli Bull Kamanga	Environmental Officer	DH Engineering Consultants

MEETING MINUTES

1. OPENING REMARKS

Welcome.

This is the scoping meeting for the EIA of the new compound which will house the various diplomatic missions of the US to Zambia in a single location. The presentations will highlight what is planned and the various environmental issues surrounding the works and implementation of the project.

Thank you for coming today.

Denver
Herren,
US Embassy

2. DEVELOPER'S PRESENTATION

The presentation covered the following:

- An introduction to the OBO team members present
- An overview of the site layout including details for the perimeter, utilities, grading and drainage, access
- Proposed site sections and project elevations
- Examples of embassies in Abuja, Abidjan and Lome, to show what has been built elsewhere. Representing a basis for going forward in Lusaka.

Hillary
Zahn,
OBO/PD/
PEA/CPB

3. EIA PRESENTATION

The presentation covered the following:

- The environmental issues surrounding the works and implementation of the project and the various mitigation measures that would be put in place to ensure that the local regulations are complied with in full. The construction and operational phases, covering the anticipated benefits and the environmental issues. Daniel Holmes, DHEC
- The environmental issues related to topography and soil; air quality and noise environment; water supply, flow and quality; local ecosystem, vegetation and habitat; traffic, public access and road safety; public and occupational health and safety; construction safety; and raw materials.
- The next steps in the process are a) the development of the terms of reference b) drafting the Environmental Impact Statement (EIS) c) finalizing the EIS d) submission of EIS to ECZ for approval e) seeking public comments f) ECZ decision

4. QUESTIONS / ISSUES ARISING

- 4.1 If the waste water is to be discharged through the storm water drain there will need to be further investigation into the effectiveness of the drainage system in the area, particularly as it drains into a local dam. Bornwell Luanga, LCC
Response: A package sewage treatment system is to be developed where all discharge is treated and then used for irrigation on site. Any excess will outfall into the drainage system will mainly be in the rainy season. The design engineers will need to consult LCC Engineering Department to see where that water eventually ends up. Daniel Holmes DHEC
- 4.2 On site sanitation is proposed. Has the Embassy building proposal been approved by LCC? Bornwell Luanga, LCC
Response: The Embassy has zonal approval. The building and civil engineering plans have as yet not been submitted for consideration and approval. Hillary Zahm, OBO/PD/PEA/CPB
- 4.3 Power shortages should be anticipated. What are the mitigation factors for the Embassy? Bornwell Luanga, LCC
Response: The Embassy has met with ZESCO, and the supply [capacity] has not been indicated as a problem. However the Embassy understands there is a power problem [in consistency of supply]. Together (ZESCO and the Embassy) have worked on how it could be resolved, this includes provision of an on site generator for times of no power. Hillary Zahm, OBO/PD/PEA/CPB
 This is an important aspect to consider. Through LCC and ZESCO consultation LCC is aware that there is a power problem with regard to the overall expansion of Lusaka. Bornwell Luanga, LCC
Response: The Embassy appreciates the notice. Hillary Zahm, OBO/PD/PEA/CPB
- 4.4 The access road is to be paved from where it currently ends to the Embassy. Bornwell

NEC Environmental Impact Statement
Annex 4

- Can the Embassy consider improving the whole road given its current poor state?
Response: The Embassy does not have a budget for any other road works. However should the works cause any damage to the road due to construction traffic, that damage will be repaired.
- 4.5 On site sanitation is proposed. What measures exist if the on site sanitation arrangements fail?
Response: The system will be designed for 1.5 times the capacity required, and it will be built to allow for the isolation of modules to allow for maintenance.
What if both modules break down?
Response: The contract supplier has to act and provide equipment to correct the matter within 24 hours. This measure will be in place for 1-5 years.
- 4.6 Discharge of effluent is proposed from the back of the site. This will end up near Chibelo Basic School. The boreholes in that area have to be considered. NHA has allocated LWSC land at the back of the Embassy to prospect for water. How far away is this from percolation points, and does the discharge run onto/located near to existing boreholes?
Response: The Embassy will use dry wells/soak aways (2m diameter and 15m deep) to contain effluent after secondary treatment. Only when this is not possible i.e. for runoff, will the effluent be released off the site.
The discharge will need to be monitored.
Response: This will be monitored each month.
- 4.7 Could the project improve the general water supply to the area?
Response: The Embassy will use the borehole as its primary source of water, and the supply from LWSC as its secondary source. So it will not improve the source of water to the area.
Response: LWSC will drill additional boreholes in the adjoining plot and near the Cross Roads shopping area in the next 6 months. So there should be an improved supply of water in the area generally.
5. CLOSING REMARKS
- Thank you for coming today and for all your contributions.

Luanga,
LCC

Hillary
Zahm,
OBO/PD/
PEA/CPB

Herbert
Chinokolo,
LWSC
Daniel
Holmes,
DHEC

Herbert
Chinokolo,
LWSC
James
Lehman,
Department
of State, US

Herbert
Chinokolo,
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James
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Herbert
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LWSC
James
Lehman,
Department
of State, US

Martin
Lorenz,
Local
resident
Hillary
Zahm,
OBO/PD/
PEA/CPB
Herbert
Chinokolo,
LWSC

Hillary
Zahm,
OBO/PD/
PEA/CPB

Meeting started 14.30 and ended 15.20.