

Attn: Dr. Williams



Lusaka Water and Sewerage Company Ltd.



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 to the Managing Director

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7th November 2007
 PIU/508/020.PM/HC.mm

Mr. Denver Herron
 Management Officer
 United States Embassy
 LUSAKA

Dear Sir

**RE: WATER AND SEWER NETWORK DATA FOR THE PROPOSED AMERICAN EMBASSY
 COMPOUND – IBEX HILL**

Reference is made to the letter PIU/508/005.PM/HC.mm and the telephone conversation with our Mr. Henry Mtine, Director of Engineering regarding the above subject matter.

We respond as follows:

- The proposed sewer line from the Embassy Compound to the 450mm AC sewer mains would accommodate sewage flows from properties immediately along its route with no backflows of sewage to the proposed Embassy Compound. A total of seventy (70) properties are located immediately along the proposed route of the sewer line. The expected return sewage flow from these properties is approximately 0.64 l/s (dwf). This takes into account peak flows at a factor of 1.2.
- The sewage flow from the proposed Embassy Compound would be channeled to the Kaunda Square oxidation ponds. The ponds do not satisfy some of the standards for effluent disposal but we will be carrying out rehabilitation works sometime in 2008 under the World Bank funded Water Sector Performance Improvement Project. The expected outcome of this rehabilitation is that the oxidation ponds will start meeting the quality standards for effluent disposal.

We hope this information is sufficient to help you in your future planning.

Yours faithfully

H. Mtine
 DIRECTOR OF ENGINEERING

