

# Project Management International

## Redevelopment of Old Fadama Informal Settlement

Client: IMDC  
Location: Accra, Ghana  
Period: June to July 2010

### Accra, Ghana: Redevelopment of Old Fadama Informal Settlement

IMDC in support of the government of Ghana has requested Project Management International (PMI) to develop a draft concept for the redevelopment of the Old Fadama informal settlement. The redevelopment of this area forms part of Stage IV (4) of the Korle Lagoon Ecological Restoration Project (KLERP).

KLERP is a phased approach aimed to redevelop the ill-mannered Korle lagoon and surrounding areas into a region of prominent commercial and recreational services.

### The Works

An area of approximately 110 hectares (Ha) was selected for this development phase. It was anticipated that once completed the area will consist of smaller land-use zones serving mainly purposes of recreation and commerce. The vast majority of land will be made available for passive open space, as well as civic and cultural development.

High-level preliminary designs of bulk infrastructure were developed based on the layout supplied by the Accra Council for Town & Country Planning.

Bulk service infrastructure development included the following:



- Road Infrastructure

It was anticipated that five new roads will be constructed, constituting a total length of approximately 5 km. Existing roads that will be incorporated into the development might require upgrading to comply with new standards and to line up pavement life.

- Storm Water and Drainage

The area is prone to annual flooding as it is generally flat and experiences a high annual rainfall. Storm water structures should provide adequate flood relief that might result from flow restrictions caused by manmade structures.

- Water Provision and Reticulation

As the ground water within the Old Fadama area is profoundly polluted, the use of boreholes for main water supply is considered to be unsuitable. To attain the required water demand a ring main system was proposed that will connect into the city's municipal mains.

- Sewer Reticulation and Treatment

The proposed sewage network will consist of two separate systems; a disposal network serving the 33.9 Ha, as well as a smaller network serving the 22 Ha. Waste water will run down to the existing pump station for disposal.