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**OUTSTANDING
ENVIRONMENTAL HEALTH PROFESSIONAL**



INTRODUCTION

In Liberia's capital, Monrovia, the African Development Bank has rehabilitated the White Plains water production plant that supplies the capital's existing water network. Work to restore production from the current six million gallons per day (mgd) to the plant's pre-civil war capacity of sixteen mgd was completed in late 2016. In light of this expansion of production capacity, the limited existing piped network is a critical constraint on Liberia Water and Sewer Corporation's (LWSC) ability to distribute the additional production capacity is a major bottleneck in the expansion of the utility's customer base.

Brief and objectives

A top priority and the focus of the project is the rehabilitation and extension of Monrovia's limited water distribution network. The project development objective (PDO) is to increase access to piped water supply services in the project area in Monrovia and improve the operational efficiency of LWSC.

Rationale

Despite institutional reforms, funding for water and sanitation in Liberia has remained weak and limited capital investments in urban water have been entirely financed by donors.

Strategy

Alongside the practical elements of embedding the physical network of water pipelines in Monrovia, The strategy for this project has revolved around the establishment of cordial relationships between those implementing the project and those who are impacted by the project.

Implementation

Even though there has been some resistance to pipeline installations, resolution of these issues has been achieved through personal and persuasive formal and informal consultation with aggrieved persons through a set-up grievance redress committee established in nineteen communities of intervention. Joint meetings are conducted on a weekly basis to highlight project progress, and safety compliance monitoring continues on a daily basis.

Budget and cost-effectiveness

To achieve its objectives, the project has provided an initial credit of US\$10,000,000 and US\$30,000,000 to fund the two project components of 1.) infrastructure improvements in Monrovia; and 2.) capacity building for LWSC, including the development of improved project management and monitoring and evaluation.

Measurement and evaluation

A review of the parent project is underway to provide additional financing of US\$ 30,000,000 to scale up operations under components one and two (see above) of the parent project and the proposed construction of Paynesville reservoir, 36" pipeline, and rehabilitation of the existing 36" pipeline.