

**INTEGRATED SAFEGUARDS DATASHEET
APPRAISAL STAGE**

77921

Report No.:

Date prepared/updated: April 29, 2013

I. Basic Information

1. Basic Project Data

Country: Kenya	Project ID: P131512		
	Additional Project ID (if any): P126637		
Project Name: Nairobi Sanitation Project			
Task Team Leader: Patrick Nduati Mwangi			
Estimated Appraisal Date: 5 Dec 2012		Estimated Board Date: 17 Dec 2012	
Managing Unit: TWIAF		Lending Instrument: Grant	
Sector: Water and Sanitation			
Theme: Sanitation			
IBRD Amount (US\$m.):			
IDA Amount (US\$m.):			
GEF Amount (US\$m.):			
PCF Amount (US\$m.):			
Other financing amounts by source: 4.33 (GPOBA)			
Environmental Category: B – Partial Assessment			
Is this a transferred project	Yes []	No [X]	
Simplified Processing	Simple [X]	Repeater []	
Is this project processed under OP 8.00 (Rapid Response to Crises and Emergencies)		Yes []	No [X]

2. Project Objectives:

The development objective of the GPOBA project is to increase access to sanitation and water services in selected low-income communities of Nairobi. The key indicators are: (1) Number of sewerage and water connections, and (2) Number of people provided with access to sewerage and water services in the project areas.

3. Project Description:

The objective of this project is to increase access to sewerage and water supply connections in Nairobi's low-income communities over a 4 year period.

The project builds upon a 2004 IDA Grant which successfully helped establish the Nairobi City Water and Sewerage Company (NCWSC) as an autonomous and ring-fenced service provision utility with clear roles, responsibilities and contractual arrangements. NCWSC will be the project implementer and service provider for this OBA project.

The project also builds on the 2007 IDA Credit (Water and Sanitation Service Improvement Project or WaSSIP) which has funded, inter alia, significant improvements to the water and sewerage networks in Nairobi's low-income areas. This expansion of local networks, particularly sewer networks, within Nairobi's low-income settlements has provided an opportunity for improved access to water and sewerage services. However, the cost of connecting to these networks is too high for low income families and so this project will provide targeted output-based subsidies for eligible households to facilitate service access.

The primary focus of this OBA project is access to sanitation services. However, given the need for clean water to be available for hygiene purposes (hand washing, etc.), as well as for drinking and cooking, this project will also offer subsidies for piped water supply access where the household is not already connected to the network.

Project outputs will be:

- Installation of a working water supply connection and 6 months of billed water consumption,
- Installation of a working sewer connection (including all associated internal low cost plumbing/toilet facilities) and 6 months of billed service usage.

The project aims to connect 16,000 poor households (80,000 people) to the water and sewerage network of NCWSC. The OBA subsidy per household/connection will be:

- Sewerage connection: \$175 (70% of total connection cost)
- Water supply connection: \$80 (40% of total connection cost)

The balance of the connection costs will be funded by household deposits and a five-year loan from NCWSC to the eligible household. NCWSC is planning to fund these loans by borrowing from local financial institutions.

The project will involve the installation of:

- (1) water connections (but only where safe piped drinking water is not already available), and
- (2) sewer connections.

Under this OBA project eligible households will have the option of receiving a:

- Sewer connection only (if they already have a NCWSC water connection)
- Water and sewer connection

Households will not be offered water only connections under this scheme since its primary objective to increase sustainable sanitation service access.

Sewer Connections

A sewer connection will include the works to convert pit latrines and other sanitation facilities to pour flush toilets. This will involve: (1) filling the pit (consumer/facility owner's contribution); (2) screed blinding for slab; (3) installation of a squatting WC pan; (4) installation of grey water storage pan (which will be used for flushing); (5) installation of a hand wash basin; and (6) installation of uPVC pipe to link facility to nearest manhole.

The sewer ‘connection’ includes all the internal plumbing (including WC pan) to ensure sanitation services are accessed and delivered. Hand washing facilities are an integral component of the output/facility to maximize the hygiene benefits of the sanitation facility – this is important for sustainability and maximizing the economic/health benefits of improved sanitation.

Water Connections

A water connection will involve: (1) installation of uPVC pipe to link the household to distribution system; and (2) installation of meter.

Social Marketing and Hygiene Promotion

The Water and Sanitation Program (WSP) will be responsible for funding and implementing a complementary social marketing and hygiene promotion program. WSP is currently implementing a project: Innovation in Scaling-up Access to WSS for the Urban Poor (P132015). Under this WSP project support will be given to Nairobi City Water and Sewerage Company for: mapping low income urban areas; leveraging water and sanitation infrastructure finance; further development of the Social Connection Policy; use of appropriate technology; innovative metering and billing approaches; and use of subsidized microfinance in Kenya’s low-income communities. This WSP project will also provide the required TA support for the implementation of the Nairobi Sanitation OBA Project.

Wastewater Treatment and Effluent Disposal

All the wastewater produced at the beneficiary households will be conveyed to the Kariobangi Sewerage Treatment Plant which was rehabilitated under the WaSSIP. The main sewers feeding the treatment plant were also rehabilitated under the WaSSIP.

4. Project Location and salient physical characteristics relevant to the safeguard analysis:

The proposed informal/low-income settlements for this OBA project are located in Nairobi Eastlands & Northlands low income areas. Informal settlements being considered for investments include: Matopeni/Spring Valley, Kayole Soweto, Maili-Saba, Kahawa-Soweto, Huruma, and Embakasi-River Bank.

Nairobi’s slums demonstrate the magnitude of the challenges and opportunities for poverty reduction in these settlements. The National Bureau of Statistics conservatively estimates that, within Nairobi’s administrative boundary, at least 30 percent of the population lives in slums. With the 2009 census reporting Nairobi’s total population as 3.2 million, the city’s slum population now stands at almost one million people. Recent indepth research supported by the World Bank reveals both encouraging and discouraging development indicators in Nairobi’s slums. The incidence of economic poverty is very high—an astounding 73 percent of slum residents fall below the poverty line. Unemployment is also high (26 percent), and living conditions are appalling—only 3 percent live in a house with permanent walls, water and electricity.

Rapid growth of informal slum settlements in the city of Nairobi can be attributed to a number of factors among them increasing income inequalities and urban poverty, increasing rates of rural urban migration, inefficient land delivery systems, high costs of urban living and poor investment in low income housing, among other factors. In these low income areas of Nairobi, basic amenities such as water, sanitation facilities including toilets and designed drainage and

sewage systems as well as garbage dumping sites are lacking. Some of the low income areas have recently seen developments to improve basic services.

5. Environmental and Social Safeguards Specialists on the Team:

Svetlana Khvostova (AFTSG)

6. Safeguard Policies Triggered <i>(please explain why)</i>	Yes	No
Environmental Assessment (OP/BP 4.01)	X	
Natural Habitats (OP/BP 4.04)		X
Forests (OP/BP 4.36)		X
Pest Management (OP 4.09)		X
Physical Cultural Resources (OP/BP 4.11)		X
Indigenous Peoples (OP/BP 4.10)		X
Involuntary Resettlement (OP/BP 4.12)	X	
Safety of Dams (OP/BP 4.37)		X
Projects on International Waterways (OP/BP 7.50)		X
Projects in Disputed Areas (OP/BP 7.60)		X

II. Key Safeguard Policy Issues and Their Management

A. Summary of Key Safeguard Issues

1. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts:

The project activities trigger OP 4.01 and OP 4.12, although in both cases, the risks are anticipated to be minimal and site-specific. NCWSC will work with AWSB (implementing agency of WaSSIP) to employ existing procedures to satisfy the safeguards requirements.

Environmental Assessment

No potential large scale, significant or irreversible impacts are expected. The site-specific, local environmental risks identified are related to construction impacts. As a mitigation plan, the project will adopt the ESMF developed for WaSSIP project. The ESMF was publicly disclosed in Kenya and in the World Bank InfoShop on December 14, 2013.

Restriction of access to resources, temporary disturbance:

Neither involuntary resettlement nor land acquisition is not expected to be associated with this project. For public water points, all connections will be made in local public spaces in the form of public water points, with the consent of communities after community consultation has taken place. In the case of yard taps, connections will only be made if the connection is demanded by the household who will be responsible for paying the bills for the water supplied. Therefore the project is envisioned to be demand-driven.

However, there could potentially be temporary disruption to household activities, and in some cases project activities may lead to property damage. Therefore, the project will adopt the Resettlement Policy Framework (RPF) developed for WaSSIP and publicly disclosed on December 14, 2011. The NCWSC will work with AWSB to ensure that the potential

beneficiaries are well apprised of their rights, and are able to achieve maximum benefit from this GPOBA-funded project.

2. Describe any potential indirect and/or long term impacts due to anticipated future activities in the project area:

No negative indirect or long-term impacts are anticipated due to project activities.

3. Describe any project alternatives (if relevant) considered to help avoid or minimize adverse impacts:

N/A

4. Describe measures taken by the borrower to address safeguard policy issues. Provide an assessment of borrower capacity to plan and implement the measures described:

The OBA Grant will utilize the WaSSIP ESMF and RPF to guide development of subproject specific EA/EMP, which will be developed and publicly disclosed prior to beginning of works on the subproject. The NCWSC will work closely with AWSB to further develop capacity in implementing environmental and social safeguards instruments, in addition, it is recommended that NCWSC hires a consultant to ensure sufficient oversight of safeguards. NCWSC is also encouraged to participate in WaSSIP capacity building program for safeguards.

5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people:

The project beneficiaries will include about 16,000 low-income households in Nairobi's low-income communities (about 80,000 people). The project will use geographic targeting, focusing on low income settlements of Kayole-Soweto, Matopeni-Spring valley & Embakasi-River Bank in Nairobi City. Consultations with PAPs will be a continued effort following the public consultations undertaken for WaSSIP project activities.

<i>B. Disclosure Requirements Date</i>	
Environmental Assessment/Audit/Management Plan/Other:	
Was the document disclosed <i>prior to appraisal</i> ?	Yes
Date of receipt by the Bank	11/01/2011
Date of "in-country" disclosure	12/14/2011
Date of submission to InfoShop	12/14/2011
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	
Resettlement Action Plan/Framework/Policy Process:	
Was the document disclosed <i>prior to appraisal</i> ?	Yes
Date of receipt by the Bank	11/01/2011
Date of "in-country" disclosure	12/14/2011
Date of submission to InfoShop	12/16/2011
Indigenous Peoples Plan/Planning Framework:	
Was the document disclosed <i>prior to appraisal</i> ?	N/A
Date of receipt by the Bank	
Date of "in-country" disclosure	

Date of submission to InfoShop	
Pest Management Plan:	
Was the document disclosed <i>prior to appraisal</i> ?	N/A
Date of receipt by the Bank	
Date of "in-country" disclosure	
Date of submission to InfoShop	
* If the project triggers the Pest Management and/or Physical Cultural Resources policies, the respective issues are to be addressed and disclosed as part of the Environmental Assessment/Audit/or EMP.	
If in-country disclosure of any of the above documents is not expected, please explain why:	

C. Compliance Monitoring Indicators at the Corporate Level (to be filled in when the ISDS is finalized by the project decision meeting)

OP/BP 4.01 - Environment Assessment			
Does the project require a stand-alone EA (including EMP) report?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If yes, then did the Regional Environment Unit or Sector Manager (SM) review and approve the EA report?	N/A		
Are the cost and the accountabilities for the EMP incorporated in the credit/loan?	Yes		
OP/BP 4.04 - Natural Habitats			
Would the project result in any significant conversion or degradation of critical natural habitats?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If the project would result in significant conversion or degradation of other (non-critical) natural habitats, does the project include mitigation measures acceptable to the Bank?	N/A		
OP 4.09 - Pest Management			
Does the EA adequately address the pest management issues?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Is a separate PMP required?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has the PMP been reviewed and approved by a safeguards specialist or Sector Manager? Are PMP requirements included in project design? If yes, does the project team include a Pest Management Specialist?			
OP/BP 4.11 – Physical Cultural Resources			
Does the EA include adequate measures related to cultural property?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Does the credit/loan incorporate mechanisms to mitigate the potential adverse impacts on physical cultural resources?	N/A		
OP/BP 4.10 - Indigenous Peoples			

Has a separate Indigenous Peoples Plan/Planning Framework (as appropriate) been prepared in consultation with affected Indigenous Peoples?	Yes []	No []	N/A [X]
If yes, then did the Regional unit responsible for safeguards or Sector Manager review the plan?	N/A		
If the whole project is designed to benefit IP, has the design been reviewed and approved by the Regional Social Development Unit?	N/A		
OP/BP 4.12 - Involuntary Resettlement			
Has a resettlement plan/abbreviated plan/policy framework/process framework (as appropriate) been prepared?	Yes [X]	No []	N/A []
If yes, then did the Regional unit responsible for safeguards or Sector Manager review and approve the plan/policy framework/process framework?	Yes		
OP/BP 4.36 – Forests			
Has the sector-wide analysis of policy and institutional issues and constraints been carried out?	Yes []	No []	N/A [X]
Does the project design include satisfactory measures to overcome these constraints?	N/A		
Does the project finance commercial harvesting, and if so, does it include provisions for certification system?	N/A		
OP/BP 4.37 - Safety of Dams			
Have dam safety plans been prepared?	Yes []	No []	N/A [X]
Have the TORs as well as composition for the independent Panel of Experts (POE) been reviewed and approved by the Bank?	N/A		
Has an Emergency Preparedness Plan (EPP) been prepared and arrangements been made for public awareness and training?	N/A		
OP/BP 7.50 - Projects on International Waterways			
Have the other riparians been notified of the project?	Yes []	No []	N/A [X]
If the project falls under one of the exceptions to the notification requirement, has this been cleared with the Legal Department, and the memo to the RVP prepared and sent?	N/A		
What are the reasons for the exception? Please explain:	N/A		
Has the RVP approved such an exception?	N/A		
OP/BP 7.60 - Projects in Disputed Areas			
Has the memo conveying all pertinent information on the international aspects of the project, including the procedures to be followed, and the recommendations for dealing with the issue, been prepared	Yes []	No []	N/A [X]
Does the PAD/MOP include the standard disclaimer referred to in the OP?	N/A		

The World Bank Policy on Disclosure of Information			
Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	Yes [X]	No []	N/A []
Have relevant documents been disclosed in-country in a public place in a form and language that are understandable and accessible to project-affected groups and local NGOs?	Yes		
All Safeguard Policies			
Have satisfactory calendar, budget and clear institutional responsibilities been prepared for the implementation of measures related to safeguard policies?	Yes [X]	No []	N/A []
Have costs related to safeguard policy measures been included in the project cost?	Yes		
Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	Yes		
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	Yes		

D. Approvals

<i>Signed and submitted by:</i>	<i>Name</i>	<i>Date</i>
Task Team Leader:	Patrick Nduati Mwangi	04/29/2013
Environmental Specialist:	Svetlana Khvostova	04/29/2013
Social Development Specialist		
Additional Environmental and/or Social Development Specialist(s):		
<i>Approved by:</i>		
Regional Safeguards Coordinator:	Cary Anne Cadman	04/29/2013
Comments: -		
Sector Manager:	Mukami Kariuki	04/29/2013
Comments: - Cleared		

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