

**COMBINED PROJECT INFORMATION DOCUMENTS / INTERGRATED SAFEGUARDS
DATA SHEET (PID /ISDS)
APPRAISAL STAGE**

Report No.: 100956

Date Prepared/Updated: November 11, 2015

I. BASIC INFORMATION

A. Basic Project Data

Country:	Liberia	Project ID:	P157657
		Parent Project ID	P115664
Project Name:	Emergency Monrovia Urban Sanitation Project 3AF (P157657)		
Region:	Africa		
Estimated Appraisal Date:	November 11, 2015	Estimated Board Date:	N/A
Practice Area (Lead):	GSURR	Lending Instrument:	TF
Sector(s):	Solid waste management (100%)		
Theme(s):	Urban services and housing for the poor (50%), City-wide Infrastructure and Service Delivery (50%)		
Borrower(s)			
Implementing Agency	Monrovia City Corporation (MCC)		
Financing (in USD Million)			
Financing Source			Amount (US \$ million)
BORROWER/RECIPIENT			1.39
International Development Association (IDA)			
International Bank of reconstruction and Development (IBRD)			
Others (Ebola Recovery and Reconstruction Trust Fund (ERRTF)			3.25
Total			4.64
Environmental Category	B-Partial Assessment		
Decision			
Other Decision (as needed)			
Is this a Repeater project?	No		
Is this a Transferred project? (Will not be disclosed)	Yes		

B. Introduction and Context

This ISDS regards the third Additional Financing (3AF) for the Emergency Monrovia Urban Sanitation (EMUS) Project (P115664) in an amount of US\$4.64 million to the Republic of Liberia. The proposed third AF is most urgently needed to sustain achievements made under EMUS until the original closing date of the Second Additional Financing (2AF) – December 31, 2016. The 3AF would cover costs for the remaining period of 13 months to the closure of the 2AF. EMUS supports key solid waste services management activities and 3AF will allow Monrovia City Corporation (MCC) to continue the current collection of 45% of the daily waste generated in Monrovia and its safe disposal at a sanitary landfill. Recycling practices will be scaled up and the public will continue to be sensitized with regard to health and environmental benefits of an adequate waste management system.

2. The project was initially funded by a US\$18.4 million grant from the Liberia Reconstruction Trust Fund (LRTF) that was approved in October 2009 (P115664). The first additional financing of US\$4.0 million (P124664) was provided by means of a credit approved by the International Development Association (IDA) in April 2011. Both the original Grant and the 1AF were closed in 2014. The 2AF (P146966) was funded by US\$7 million grant from the LRTF and extended the closing date of the EMUS Project from August 31, 2014 to December 31, 2016. The Ebola crisis sparked off abruptly soon after the approval of the 2AF. The funding arrangements for the 2AF included a *pari pasu* agreement that required GoL to provide counterpart funding on a formula agreed at negotiation. However, at the request of Government of Liberia (GoL) during the Ebola pandemic, IDA agreed to modify the *pari pasu*, providing 100% payment from the grant, so the contractors would continue cleaning beneficiary neighborhoods of Monrovia to stem the impact of further public health challenges. Agreement to fund the 2AF at 100% meant that US\$ 7 million (approved for the project) covered the project costs only until September 30, 2015. Thus leaving a financing gap of additional US\$ 8.4 million to be met before the 2AF closing date of December 31, 2016.

C. Proposed Development Objective(s)

Project Development Objectives: The activities contemplated under the proposed 3AF do not require changes to the original PDO, which is to increase access to solid waste collection service in Monrovia.

They represent a continuation of the current activities and limited demonstration efforts (as a pilot) at recycling. The project components will remain unchanged, although the scope of certain activities needs to be partially adjusted (including addition of active recycling of plastics to component 3).

Project outcome: By December 30, 2016, the closing date of the 2AF and the 3AF, it is expected that the number of people in urban areas provided with access to regular solid waste collection under the project will have increased from 474,000 to 600,000. The EMUS Project's Results Framework and Monitoring Indicators has been revised based upon the progress made to date, which will become the new baselines, and the expected targets for the next thirteen months. The project's monitoring and evaluation (M&E) and reporting responsibilities, currently under the PIU, will be transferred gradually through the life of the 3AF to the existing MCC's M&E Unit.

D. Project Description

The 3AF will support ongoing EMUS activities including a more systemic recycling of plastics. GoL counterpart funding as originally agreed during 2AF will now be made available (GoL has already put in US\$1.39 million in to FY 2016 as counterpart funding). The 3AF will support (i) deepening recycling start-up as a pilot; (ii) initiate preliminary preliminary environmental and social studies for a potential landfill Cheesemanburg; and (iii) continue with support to MCC to carry on with contractor engagement to collect and transport waste from the transfer stations to the landfill.

14. The project components will remain unchanged, although the scope of certain activities has been partially adjusted (including addition of active recycling of plastics to component 3):

- *Component 1: Solid Waste Collection.* This component will support (i) assistance to the Monrovia City Corporation (MCC) to establish and provide solid waste services and increase the quantity of collected and disposed waste, including financing of waste collection and disposal operating costs; and (ii) financing the purchase of strategic waste collection and disposal equipment for MCC, such as front loaders, skip trucks and compactors.
- *Component 2: Capacity Building on Solid Waste Management.* This component will support (2.1) the MCC in Project management and implementation, including: (i) provision of technical assistance, including consultant's services and training for a financial and organizational audit of MCC and for implementation of selected action items identified in the audit; (ii) provision of technical assistance, including training and operating costs for project implementation and supervision; (iii) provision of technical assistance (training) to strengthen and reinforce MCC's capacity to continue to plan and deliver solid waste management and other services to the citizens of Monrovia; and (2.2) Financing a public sensitization campaign regarding solid waste management and recycling.
- *Component 3: Piloting plastic recycling and preparatory studies for new sanitary landfill.* This component will include (3.1) Carrying out of preliminary environmental and social studies for a potential landfill at Cheesemanburg; and provision for capping of the first cell of the existing landfill located at Whein Town; and (3.2) Support for the piloting of a plastic recycling program at the Stockton Creek and Fiamah transfer stations and the landfill site at Whein Town.

E. Project location and Salient physical characteristics relevant to the safeguard analysis (if known)

The solid waste collection and recycling activities will be carried out in Monrovia and its environs.

F. Environmental and Social Safeguards Specialists on the Team

Sekou A. Kamara (GENDR)
Demba Balde (GSURR)
Gloria S Mahama (GSURR)

II. IMPLEMENTATION

The Monrovia Municipal Corporation (MCC) is the agency responsible for delivering the solid waste service in Monrovia. MCC was selected by Government of Liberia to act as the implementing agency for EMUS. Compliance with safeguard policies is the responsibility of the EMUS project implementation unit. The environmental management capacity of the unit has steadily improved since the implementation of the parent project and subsequent AF projects. The unit therefore has adequate capacity for safeguard policy implementation. The Environmental Protection Agency of Liberia and the

Special Implementation Unit at the Ministry of Public Works (MPW) will also provide technical support in the area of environmental compliance.

III. SAFEGUARD POLICIES THAT MIGHT APPLY

Safeguard Policies	Triggered?	Explanation (Optional)
Environmental Assessment OP/BP 4.01	No	The parent project (P115664) triggered OP4.01 due to the planned construction of a new landfill site and waste management activities at two transfer stations. The planned activities had the potential to have adverse impacts on the biophysical environment including impacts on human health. An ESIA including appropriate two EMPs were developed under the parent project to mitigate these potential impacts. The 3AF will be a continuation of activities under the 2AF with the addition of recycling of plastic at the already established transfer stations (Stockton Creek, Fiamah and Whein Town Landfill site). Site-specific EMPs developed for the transfer stations under the parent project will manage the recycling activities. Preliminary environmental and social studies will be undertaken for a potential landfill site at Cheesemanburg.
Natural Habitats OP/BP 4.04	No	The project activities will not have any impacts on natural habitats.
Forests OP/BP 4.36	No	The project activities will not have any impacts on forests.
Pest Management OP 4.09	No	The project will not finance acquisition, transport, distribution, storage or use of pesticides.
Physical Cultural Resources OP/BP 4.11	No	There are no recognized cultural sites within the vicinity of the project activities. The project does not entail large excavations and no chance finds are expected.
Indigenous Peoples OP/BP 4.10	No	There are no Indigenous Peoples expected to be present in the project area.
Involuntary Resettlement OP/BP 4.12	Yes	The parent project had required the acquisition land for the construction of the two waste transfer stations and the buffer around the Whein Town Landfill site for which the appropriate instruments including two RAPs and one ARAP were prepared to address resettlement policy concerns
Safety of Dams OP/BP 4.37	No	Project activities will not involve the

		construction of a new dam or the rehabilitation of an existing dam, nor rely on dams.
Projects on International Waterways OP/BP 7.50	No	The project does not have any impact on international waters.
Projects in Disputed Areas OP/BP 7.60	No	The project activities are not within disputed areas.

IV. Key Safeguard Policy Issues and Their Management

A. Summary of Key Safeguard Issues

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

Environmental: The proposed third AF is a continuation of activities under the 2AF, which include waste collection and disposal at Whein Town Landfill, and the operation of two existing transfer stations at Fiamah and Stockton Creek. Recycling of plastic at the already established transfer stations will be an additional activity under the 3AF.

Social: The activities financed under the 3AF (including preliminary environmental and social studies for a potential landfill Cheesemanburg studies) do not require any acquisition of land. The parent project had required the acquisition land for the construction of the two waste transfer stations and the buffer around the Whein Town Landfill site for which the appropriate instruments including two RAPs and one ARAP were prepared to address resettlement policy concerns.

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

There are no potential impacts (direct/or long term) associated with future activities, except those previously identified under the parent project, which have been addressed through series of mitigation and monitoring programs. For instance, to address concern about ground water contamination, the landfill cells constructed under the 1AF had been equipped with liners. In addition, the EMP and Operation Manual include an intensive water quality monitoring program, including ground water quality below and above the landfill; quality of water supply wells in the vicinity, including two deep wells that MCC constructed for the community; and performance of the leachate treatment system. The monitoring program is also subject to independently environmental audits.

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

No new activities that could have adverse impacts on the biophysical environment are envisaged under this 3AF. The 3AF is a continuation of activities under the 2AF with the addition of recycling of plastic as the only new activity. The overall impact of this new activity will be substantially positive. According to a recent World Bank's implementation support mission, recycling plastic, which constitutes 45% of wastes collected and dumped at Whein Town Landfill site, could cut back on transportation cost; reduced the cost of operation of the landfill; and prolong the life of the current landfill site for about two years.

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.

Environmental: The parent project adopted the EMP for solid waste collection that was prepared by the borrower and disclosed under the ESIA for solid waste disposal at Whein Town that the borrower prepared and has been disclosed. The EMP was disclosed in-country on January 23, 2009 and in the

InfoShop on November 2, 2008. The ESIA was disclosed in-country on March 31, 2009 and in the InfoShop on March 11, 2009.

In compliance with the safeguard due diligence arrangements put in place for the Parent Project (P115664) secondary collection system component, three EMPs were prepared and approved by the Liberia EPA for the two new waste transfer stations at Fiamah and Stockton Creek and the landfill site at Whein Town on March 2010. All three EMPs were consulted on and publicly disclosed in-country on February 25, 2010 and on Bank's InfoShop on September 2010. Biannual Environmental and Social compliance audits have been conducted in all three (Fiamah, Stockton Creek and Whein Town) of the sites since June 2012 to ensure compliance with the requirement of the ESMPs. This approach will be sustained under this 3AF.

Social: The activities to be financed under the 3AF do not require any acquisition of land. Resettlement Action Plans (RAPs) for waste transfer stations in Fiamah and Stockton Creek were developed and successfully implemented. Regarding Whein Town transfer station, one abbreviated Resettlement Action Plan (ARAP) was developed and successfully implemented, except for a small section of buffer zone for which settlement could not be concluded due to multiple claims of ownership, and the project has since resolved this by avoiding those disputed areas.

In line with the Bank Policy, a Grievance Redress Committee (GRC) with membership drawn from several government ministries and agencies had been constituted under the parent project and will continue to operate under 3AF. Members of the GRC include Ministries of Finance and Lands Mines & Energy, Environmental Protection Agency, Monrovia City Corporation, Liberia Refugee Resettlement & Repatriation Agency and the General Auditing Commission.

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

Residents around the facilities participated in the second audit exercises by observing the processes of samples collection and asking the auditor questions regarding environmental issues in the facilities. Through their participation, residents were informed about mitigation measures included in the project for the three facilities and hence were invited to participate in all subsequent audits. Copies of the reports are sent to the EPA, MCC and the Bank and to the operators of the facilities for their information and records. The reports indicate that the landfill is not causing any groundwater contamination.

B. Disclosure Requirements (N.B. The sections below appear only if corresponding safeguard policy is triggered)

Environmental Assessment/Audit/Management Plan/Other	
Date of receipt by the Bank	07-Oct-2008
Date of submission to InfoShop	02-Nov-2008
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	
"In country" Disclosure: The ESIA was disclosed in-country on March 31, 2009	
<i>Comments:</i>	
Resettlement Action Plan/Framework/Policy Process	
Date of receipt by the Bank	01-Jul-2010 (Transfer stations)

	01-Jul-2012 (Whein Town Buffer Zone)
Date of submission to InfoShop	13-Aug-2010 (Transfer Stations) 13-Aug-2012 (Whein Town Buffer Zone)
"In country" Disclosure: August 6, 2012	
	05-Sep-2012
<i>Comments:</i>	
Indigenous Peoples Development Plan/Framework	
Date of receipt by the Bank	N/A
Date of submission to InfoShop	N/A
"In country" Disclosure	
<i>Comments: (OP/BP 4.10 - Indigenous Peoples is no applicable to this project)</i>	
Pest Management Plan	
Was the document disclosed prior to appraisal?	N/A
Date of receipt by the Bank	N/A
Date of submission to InfoShop	N/A
"In country" Disclosure	
<i>Comments: OP 4.09 - Pest Management was not triggered by this project</i>	
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) (N.B. The sections below appear only if corresponding safeguard policy is triggered)

OP/BP/GP 4.01 - Environment Assessment						
Does the project require a stand-alone EA (including EMP) report?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	NA	<input type="checkbox"/>
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 checked="" type="checkbox"/>	NA	<input type="checkbox"/>
If the project would result in significant conversion or degradation of other (non-critical) natural habitats, does the project include	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>

mitigation measures acceptable to the Bank?					
OP 4.09 - Pest Management					
Does the EA adequately address the pest management issues?	Yes []	No []	NA [X]		
Is a separate PMP required?	Yes []	No []	NA [X]		
If yes, has the PMP been reviewed and approved by a safeguards specialist or SM? Are PMP requirements included in project design? If yes, does the project team include a Pest Management Specialist?	Yes []	No []	NA [X]		
OP/BP 4.11 - Physical Cultural Resources					
Does the EA include adequate measures related to cultural property?	Yes []	No []	NA [X]		
Does the credit/loan incorporate mechanisms to mitigate the potential adverse impacts on cultural property?	Yes []	No []	NA [X]		
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 []	NA [X]		
OP/BP 4.12 - Involuntary Resettlement					
Has a resettlement plan/abbreviated plan/policy framework/process framework (as appropriate) been prepared?	Yes [X]	No []	NA []		
If yes, then did the Regional unit responsible for safeguards or Practice Manager review the plan?	Yes [X]	No []	NA []		
Approximate number of people affected by physical relocation	None				
Approximate number of people affected by economic displacement	None				
OP/BP 4.36 - Forests					
Has the sector-wide analysis of policy and institutional issues and constraints been carried out?	Yes []	No []	NA [X]		
Does the project design include satisfactory measures to overcome these constraints?	Yes []	No []	NA [X]		
Does the project finance commercial harvesting, and if so, does it include provisions for certification system?	Yes []	No []	NA [X]		
OP/BP 4.37 - Safety of Dams					
Have dam safety plans been prepared?	Yes []	No []	NA [X]		
Have the TORs as well as composition for the independent Panel of Experts (POE) been reviewed and approved by the Bank?	Yes []	No []	NA [X]		
Has an Emergency Preparedness Plan (EPP) been prepared and arrangements been made for public awareness and training?	Yes []	No []	NA [X]		
OP 7.50 - Projects on International Waterways					
Have the other riparians been notified of the project?	Yes []	No []	NA [X]		
If the project falls under one of the exceptions to the notification	Yes []	No []	NA [X]		

requirement, has this been cleared with the Legal Department, and the memo to the RVP prepared and sent?						
Has the RVP approved such an exception?	Yes	[]	No	[]	NA	[X]
OP 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	[]	NA	[X]
Does the PAD/MOP include the standard disclaimer referred to in the OP?	Yes	[]	No	[]	NA	[X]
The World Bank Policy on Disclosure of Information						
Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	Yes	[X]	No	[]	NA	[]
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	[X]	No	[]	NA	[]
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	[]	NA	[]
Have costs related to safeguard policy measures been included in the project cost?	Yes	[X]	No	[]	NA	[]
Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	Yes	[X]	No	[]	NA	[]
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	Yes	[X]	No	[]	NA	[]

V. Contact point

World Bank

Contact: Kwabena Amankwah-Ayeh
Title: Senoir Urban Sepcialist

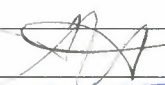
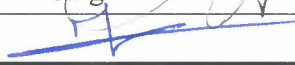
Borrower/Client/Recipient

Recipient: Republic of Liberia
Responsible Agency: Monrovia City Corporation
Contact Person: Roderick O Smith
 Telephone No.: +231-888-004-821
 Fax No.:
Email: ososmith1@yahoo.com

VI. For more information contact:

The InfoShop
The World Bank
1818 H Street, NW
Washington, D.C. 20433
Telephone: (202) 458-4500
Fax: (202) 522-1500
Web: <http://www.worldbank.org/infoshop>

VII. Approval

Task Team Leader(s):	Name: Kwabena Amankwah-Ayeh	
<i>Approved By:</i>		
Safeguards Advisor:	Name: Johanna Van Tilburg 	Date: 11/11/15
Practice Manager:	Name: Idrissa Dia 	Date: 11/11/2015