



# Social Monitoring Report

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Project Number: 42266-025  
October 2018  
Period: December 2017 – May 2018

## IND: Kolkata Environmental Improvement Investment Program - Tranche 2

Submitted by:

The Kolkata Municipal Corporation (KMC), Kolkata

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**Subject:** Re: Loan 3413-IND: KEIP, Project 2 - Semiannual Social Monitoring Report for Period, December 2017 to May 2018

Dear Pramod,

As advised kindly find enclosed the Revised Semi Annual Social Safeguard Monitoring Report for Tranche-2, KEIP for your kind perusal.

With best wishes,

Project Director  
Kolkata Environment Improvement Investment Programme  
Kolkata Municipal Corporation  
Kolkata



# **Semi-Annual Social Safeguard Monitoring Report**

**ADB Loan Number 3413-IND**

**Period Covered: December 2017 to May 2018**

## **IND: Kolkata Environmental Improvement Investment Program (KEIIP) – Tranche 2**

Prepared by Project Management Unit, Kolkata Environmental Improvement Investment Program, Kolkata Municipal Corporation, Government of West Bengal for Asian Development Bank

# KOLKATA ENVIRONMENTAL IMPROVEMENT INVESTMENT PROGRAM (KEIIP) – TRANCHE 2

## Project Management Unit (PMU)



**SEMI ANNUAL SOCIAL SAFEGUARDS MONITORING REPORT  
TRANCHE 2  
ADB LOAN 3413 - IND  
(PERIOD DECEMBER 2017 TO MAY 2018)**

## ABBREVIATIONS

ADB	-	Asian Development Bank
CPHEEO	-	Central Public Health and Environmental Engineering Organisation
CW	-	Canal Water
DPR	-	Detailed Project Report
DSC	-	Design and Supervision Consultants
DWF	-	Dry Weather Flow
KMC	-	Kolkata Municipal Corporation
EA	-	Executing Agency
EARF	-	Environmental Assessment and Review Framework
EIA	-	Environmental Impact Assessment
EMP	-	Environmental Management Plan
GRC	-	Grievance Redressal Committee
GRM	-	Grievance Redress Mechanism
GW	-	Groundwater
IEE	-	Initial Environmental Examination
INR	-	Indian National Rupee
KEIP	-	Kolkata Environmental Improvement Project
KEIIP	-	Kolkata Environmental Improvement Investment Program
KMDA	-	Kolkata Metropolitan Development Authority
O and M	-	Operation and Maintenance
PMC	-	Project Management Consultant
PMU	-	Project Management Unit
PS	-	Pumping Station
ROW	-	Right of Way
RP	-	Resettlement Plan
S & D	-	Sewage & Drainage
SPS	-	Safeguard Policy Statement
STP	-	Sewage Treatment Plant
SWF	-	Storm Water Flow
SW	-	Surface Water
TMP	-	Traffic Management Plan
UFW	-	Unaccounted For Water
USD	-	US Dollar
WTP	-	Water Treatment Plant

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## I. Project Description and Background of the Report

### A. Project Background & Description

The Asian Development Bank (ADB) loans have assisted KMC in the expansion and development of sewerage and drainage coverage through the Kolkata Environmental Improvement Project (KEIP) since 2000 within the municipal limits of Kolkata Municipal Corporation (KMC). Kolkata Environmental Improvement Investment Program (KEIIP) is a continuation of KEIP. ADB approved the provision of loans under the multi-tranche financing facility (MFF) for KEIIP for an aggregate amount not exceeding 400 million USD. For Tranche 2 of KEIIP - Loan 3413-IND a loan amount of 200 million USD was approved.

The work envisaged under Kolkata Environmental Improvement Investment Program (KEIIP) has been conceptualized under three tranches. The First Tranche of the MFF is named KEIP Phase 2, the Second project or Tranche 2 – KEIP Phase 3 and the Third Tranche is KEIP Phase 4.

A total of fifteen subprojects prioritizing waterworks and sewerage & drainage are proposed under **Tranche 2** that includes:

- i) Construction of Sewerage & Drainage Network in Thakurpara and Purba Putiary Catchment and Construction of Keorapukur PS in Ward -114, Borough XI including operation & maintenance of the pumping station (SD – 09)
- ii) Sewerage & Drainage Network in Rania Box Catchment (Part of Ward 111,112 & 113) in Borough –XI (SD – 10)
- iii) Sewerage & Drainage Network in Vivekananda Road Catchment (Part of Ward 113 & 114) & Construction of a Pumping Station in Borough XI including operation & maintenance of the pumping station (SD-11)
- iv) Laying of Trunk Sewer along James Long Sarani by Micro-Tunnelling Method (SD-12)
- v) Development of Sewerage & Drainage Network within James Long Sarani and Mahatma Gandhi Road Catchment in Borough (SD-13)
- vi) Laying of Lateral Sewers in part of Borough XIV (Ward no. 128 to 132) & Desiltation of Box Drain at Picnic Garden Road (SD-14)
- vii) Construction of Underground Reservoirs & Overhead Reservoirs , Pumping Stations & Linking Pumping Station Mains for Water Supply in Joka & Adjoining Areas including operation & maintenance of the pumping station (WS – 15)
- viii) Laying of Transmission Main from Daspara PS to UGRs at Prantik PH-III , KMC Land on Julpia Road ; and Transmission Main from PS to zonal Reservoirs (WS – 16)
- ix) Laying of Water Supply distribution network including providing household service connection in 4 distribution service areas in Joka & adjoining areas for the command area under proposed ESRs at Prantik Ph-III,N-E of SSE STP and N-W of SSE STP& existing ESR at Prantik (WS – 17A)

- x) Laying of Water Supply distribution network including providing household service connection in 4 distribution service areas in Joka & adjoining areas for command area under proposed ESRs at Company Pukur, WBSETCL & 22 Bigha & Existing ESR at Diamond Park (WS – 17B)
- xi) Laying of Transmission Main from pumping station to proposed 3ESRs at Ramkantapur, Malpara, Charaktala & Construction of the 3 ESRs including laying of Distribution Network with House service connection within the Command Area of the 3 ESRs for Water Supply in Joka and adjoining areas (WS – 18)
- xii) Development of S & D Network in Tolly's Nullah/ Keorapukur canal Sub-basin in part of Wards 115 & 122 including construction of a SWF pumping station in the premises of Kudghat LS – 5 and augmentation of Keorapukur MPS (SD-19)
- xiii) Development of S&D Network in Churial Extension Canal sub basin in Borough XIII & XVI (Part of Ward no. 122, 123 & 124) including laying of trunk sewer by micro tunneling method & construction of Churial Extension Pumping Station (SD-22)
- xiv) Development of S& D Network in churial Extension Canal sub basin in Borough XIII & XVI (Part of Ward no. 122, 123, 124) including laying of trunk sewer by micro tunneling method and construction of Churial Extension Pumping Station (SD-24)
- xv) Development of S& D Network in churial Extension Canal sub basin in Borough XIII & XVI (Part of Ward no. 122, 123, 124) including laying of trunk sewer by micro tunneling method and construction of Churial Extension Pumping Station (SD-25)

**Table 1: Summary of Different Packages under Tranche 2**

Description	Area / Location	Major Provision	Contract Packages
<b>Tranche 2</b>			
<b>S&amp;D work</b>	Ward – 111 (part), 112 (part), 113 (part), 114 (part), 115 (part), 122 (part), 123 (part), 124 (part), 128, 129, 130, 131 & 132	<ul style="list-style-type: none"> <li>i) Laying of pipe lines – 128 km (approx.)</li> <li>ii) Construction of Pumping stations – 4 nos.</li> <li>iii) Augmentation of Keorapukur MPS at Dhalipara</li> </ul>	SD 09 to SD 14, SD 19, SD 22 (Nos. of <b>packages – 8</b> )
<b>Water Supply</b>	<ul style="list-style-type: none"> <li>• Water supply system in Joka &amp; adjoining areas, (Ward no. – 142, 143, 144, 114 (part), 122 (part), 123 (part) &amp; 124 (part),</li> <li>• Water loss management in Jai Hind water treatment plant command area (Part of ward . 101 to 103, part of ward 105 to 109</li> </ul>	<ul style="list-style-type: none"> <li>i) Laying of Pipe of different diameter including house connections – 619 km (for Joka &amp; Jaihind area)</li> <li>ii) Construction of reservoirs – 11 nos. (9 ESR + 2 UGR).</li> <li>iii) Construction of pumping stations – 2 nos.</li> <li>iv) Installation of 150 nos. of Bulk water meters and 120,000 nos. of consumer meters</li> </ul>	WS 15, WS 16, WS 17 A, WS 17 B, WS 18, WS 24 to 25 ( <b>Nos. Of packages – 7</b> )

This semi-annual social monitoring report has been prepared for the period for December 2017 to May 2018, describing the progress of the project works and deliberates upon social safeguards under Tranche 2 of KEIIP following the requirements of the ADB Safeguard Policy Statement (2009) and the *Operations Manual* section on safeguard policy (OM F1).

## **B. Scope of the Report**

The scope of the semi-annual social safeguard monitoring report is to present the periodic update of the project implementation under Tranche 2 of the project in compliance with the ADB SPS, 2009, in particular as per the approved IR documents - Resettlement Plan (RP) and Due Diligence Report (DDR). The report aims to capture (i) critical facts, significant finding, and recommended actions; (ii) capture any adverse impact in terms of IR impact or income loss due to loss of access during construction work; (iii) provide information on necessary safeguard methods adopted to avoid, reduce, minimize, mitigate or compensate any adverse impact due to project work; (iii) identify mitigation measures and any residual negative impacts that cannot be mitigated; (iv) describe the process undertaken during project design to engage stakeholders and the planned information disclosure measures and the process for carrying out consultation with affected people and facilitating their participation during project implementation; (v) describe the subproject's grievance redress mechanism for resolving complaints; (vi) describe the monitoring measures and reporting procedures to ensure early detection of conditions that necessitate particular mitigation measures; and (x) identify who is responsible for carrying out the mitigation and monitoring measures.

This report covers Social Safeguard Monitoring, addressing all the issues related social safeguards with reference to the progress achieved and current status of reporting period from December 2017 to May 2018.

## **C. Sub-Project Categorization and IR Impacts**

At the project feasibility stage Resettlements Plans (RPs) have been prepared under Tranche of the project - for the water supply projects (WS 16) and sewerage and drainage project (SD 13, SD 22). The RPs concluded that the subprojects would potentially have temporary impacts and accordingly an entitlement matrix have been prepared summarizing the assistance to be provided to the affected persons.

The primary objective of the social safeguard related to involuntary resettlement states - that impacts to be minimized to the extent possible for any infrastructure development work. With the progress of work for all the subprojects under Tranche 2, adequate measures are proposed to be adopted which is expected to minimize the adverse impacts in terms of temporary losses, as anticipated. However, the RPs for the proposed sub-projects that may potentially cause IR impact have been prepared and are in place, so that in case of any IR impact it will be adequately implemented to reduce the distresses of the affected persons.

The following Table 2 summerized physical progress of the sub-projects and potential IR impacts.

**Table 2: Summary Table on Physical Progress of Sub-projects and IR, IP**

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
1	<b>TR-2/SD09:</b> Construction of Sewerage & Drainage Network in Thakurpara and Purba Putiary Catchment and Construction of Keorapukur PS in Ward -114, Borough XI including operation & maintenance of the pumping station	DDR disclosed on ADB website in April 2016	To construct and upgrade drainage and sewerage facility in ward 114 and O&M of existing PS	6%	NA	NIL	NA
2	<b>TR-2/SD10:</b> Sewerage & Drainage Network in Rania Box Catchment (Part of Ward 111, 112 & 113) in Borough XI	DDR disclosed on ADB website in April 2016	To provide drainage and sewerage facility in Borough XI	5.20 %	NA	NIL	NA
3	<b>TR2/SD11:</b> Sewerage and Drainage Network in Vivekananda Road atchment (Part of Ward 113 &114) and Construction of a Pumping Station	DDR disclosed on ADB website in April 2016	To provide drainage and sewerage facility in ward 113 & 114 along with construction of PS	4.00 %	NA	NIL	NA

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
4	<b>TR-2/SD-12:</b> Laying Of Trunk Sewer along James Long Sarani By Micro tunneling Method	DDR disclosed on ADB website in April 2016	Provide trunk sewer for S&D work	36.00 %	NA	NIL	NA
5	<b>TR-2/SD-13:</b> Development of sewerage and drainage network within James Long Sarani and Mahatma Gandhi Road Catchment in Borough XVI (Part of Ward No. 123 &124)	RP disclosed on ADB website in April 2016	To provide drainage and sewerage facility in ward 123 & 124	13.17 %	Temporary Livelihood loss due to loss of access No. of APs : 22	NIL	ID cards of 22 APs have already been prepared and submitted to project authority for final approval prior to distribution and consultation for disclosure
6	<b>TR-2/SD-14:</b> Laying of Lateral sewers in part of Borough XIV (Ward Nos. 128 to 132) and De- siltation of Box Drain at Picnic Garden Road	DDR disclosed on ADB website in April 2016	To provide drainage and sewerage facility in ward 128 & 132	17.42 %	NA	NIL	NA

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
7	<b>TR-2/WS-15:</b> Water Supply: Construction of Underground Reservoirs and Overhead Reservoirs, Pumping Stations & Linking Pumping Station Mains for Water Supply in Joka & adjoining areas including Operation & Maintenance of the Pumping Station	DDR disclosed on ADB website in April 2016	To provide clean and safe drinking water through proper infrastructure	37.80 %	NA	NIL	NA
8	<b>TR2 / WS16:</b> Laying of Transmission Main from Daspara PS to UGRs at Prantik PH-III , KMC Land on Julpia Road and Transmission Main from PS to zonal Reservoirs	RP disclosed on ADB website in April 2016	Provide clear and safe drinking water to citizens through new water supply works	15.30 %	Temporary Livelihood loss due to loss of access No. of APs :165	NIL	ID cards of 165 Aps have already been prepared and submitted to project authority for final approval prior to distribution and consultation for disclosure.
9	<b>TR2 / WS17A:</b> Laying of Water Supply Distribution Network Including Providing Household Service Connection in 4 Distribution Service Areas in Joka & Adjoining Areas for the command Area under Proposed 10ESRs at Prantik PH III, N-E of SSE STP and N-W of SSE STP & Existing ESR at Prantik	DDR disclosed on ADB website in April 2016	Provide clean and safe drinking water through household connections	5.46 %	NA	NIL	NA

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
10	<b>TR2/WS17B:</b> Laying of Water Supply Distribution Network Including providing Household Service Connection in 4 Distribution Service Areas in Joka & Adjoining Areas for the command Area under Proposed ESRs at Company Pukur , WBSETCL & 22 Bigha & Existing ESR at Diamond Park	DR disclosed on ADB website in April 2016	Provide clean and safe drinking water through household connections	8.33 %	NA	NIL	NA
11	<b>TR2/ WS18:</b> Laying of Transmission Main from Pumping Stations to proposed 3 nos Elevated Malpara, Charaktala and Construction of the 3 ESRs including laying of Distribution Network with House service connection within the Command Area of the 3 ESRs for Water Supply in Joka and adjoining areas	DDR disclosed on ADB website	Appropriate infrastructure development for safe drinking water supply	17.01 %	NA	NIL	NA

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
12	<b>TR 2/ SD19:</b> Development of S & D Network in Tolly's Nullah / eorapukur Canal sub-basin in Part of Wards 115 & 122 including construction of a SWF Pumping Station in the Premises of Kudghat LS-5 and Augmentation of Keorapukur MPS	DDR disclosed on ADB website in April 2016	To provide drainage and sewerage facility in ward 115 & 122	3.46 %	NA	NIL	NA
13	<b>TR2 / SD22:</b> Dedicated Water Supply Transmission Main along James Long Sarani	RP disclosed on ADB website in April 2016	Appropriate infrastructure development for safe drinking water supply	Construction is yet to start	Temporary Livelihood loss due to access disruption. No. of APs :31	NIL	Meeting with ward Councilor conducted on 19.05.17 Identification of APs Completed
14	<b>TR2 / WS24:</b> Development of S& D Network in Churial Extension Canal sub basin in Borough XIII & xvi (Part of Ward no. 122,123 ,124) including laying of trunk sewer by micro tunneling method and construction of Churial Extension Pumping Station	DDR disclosed on ADB website in April 2016	To provide drainage and sewerage facility in part of ward 122, 123, 124	14.45 %	NA	NIL	NA

Sl. No	Package Title	Status of DDR / RP	Project Outcome	Physical Progress made till May '18	Scope of IR Impact	Impact on Indigenous People	Entitlements
15	<b>TR 2 / WS25:</b> Water Loss Management under Jay Hind WTP Area (Eastern Kolkata)	DDR disclosed on ADB website in April 2016	Reduction of Water loss	ADB approval is awaited	NA	NIL	NA

## II. Compensation, Rehabilitation and Mitigation Measures

Most of the sub-projects under Tranche 2 will be implemented either on government lands (owned by different government roads) or within the RoW of Public Roads owned and maintained by Kolkata Municipal Corporation (KMC) or Public Works Department (PWD Roads) in line with the Resettlement Framework (RF) for the project, where most of the subprojects have been proposed on government land, except for SD11 and WS 18. For TR2/SD11, land measuring 0.78 acres have been purchased from forty-two private land owners through negotiated purchase for construction of pumping station. For TR2/WS18 three land parcels (measuring 0.41 acres, 0.66 acres and 0.70 acres) have been voluntarily donated by 20 land owners for construction of ESRs under the subproject, and for construction of ESRs under TR2/WS15 all lands parcels identified, belongs to government or KMC. Third Party Certification (TPC) for voluntary land donation for WS18 has been done.

During the feasibility study of SD13, SD22 and WS 16 it is anticipated that there will be temporary impact on income loss for vendors and shop owners for a brief period – during the subproject construction. Resettlement Plans have been prepared and have been approved by ADB for appropriate compensation and mitigation of adverse impacts on the APs. The process of identification of affected persons for all the three projects has been completed and identity cards have been prepared for the APs and are awaiting to be distributed.

**Table 3: Summary of Identified Affected Persons under Subprojects**

Sl.No.	Subproject	Number of APs
1.	TR2/SD13	22
2.	TR2/SD22	31
3.	TR2/WS16	165

Temporary impacts to traffic / access to shops and residences due to digging and excavation of trenches for laying of sewerage and drainage pipeline are anticipated, that will be mitigated by ensuring access to properties, through provisions of pedestrian planks, provision of adequate signage, and careful traffic management. In some areas traffic diversions with proper prior planning and management by the Contractors in consultation with the Traffic Police authorities and the community will be required. The community people have been duly informed about the subprojects and will be consulted before start of civil work.

The construction work of Tranche - II has just began, it is assumed that, the work will be completed by 2022. The Tranche – II subproject have been designed in such a way that it will not have any adverse impact by adopting suitable technology and routing of pipes along public ROW. Moreover, proper implementation of Environment Management Plan and effective traffic management will minimize the scope of impact too.

### III. Public Participation & Consultation

Public consultation and participation of the community and stakeholders to keep them informed on the project progress, their involvement in the process and issues pertaining to environment and social considerations. Several consultations were conducted with the community members (residents, business owners, workers) and other key stakeholders at the subproject locations to better understand the existing gaps in drainage and sewerage system, issues related to water logging and concerns related to progress of civil work under the subproject in their respective areas. **(Annexure 2)**

**Table 4 : Summary of Community Consultations held in Different Subproject Locations**

Sl.No.	Date	Sub-project Location	Location	No. of Participants
1	16.01.18	SD – 13 / TR- II	Ward 124, Thakurtala Road,	Male : 6 Female : 4 Total : 10
2	22.02.18	SD - 14 / TR- II	Ward 132 Swam iji Bye Lane	Male : 4 Female : 5 Total : 9
3	09.04.18	SD - 10 / TR- II	Ward - 130 Surya Sen Pally	Male : 8 Female : 7 Total : 15

Focus Group Discussions (FGD) on Sewerage & Drainage work and Grievance Redressal Mechanism of KEIP were organized with the community members of Ward 124, 130 & 132 by Social Safeguard Cell (PMU) of KEIP. The FGDs were held very close to the area where work is currently ongoing and was attended by people of the surrounding areas. Construction Supervisor from DSC and representatives from contractors also participated in the events and interacted with the people. Total 34 community members participated in the meetings. According to the participants, there is a need to organize similar meetings in future as well, for covering the other parts of the subproject area. While addressing various questions, the participants were informed regarding the Grievance Redress Mechanism of the project. For the community members, the meeting was reassuring and helpful in strengthening public support.

Under sewerage and drainage component of KEIP SD - 14, till May 2018, a total of **818 households** were provided underground sewerage and drainage connection at a subsidized price which is also an integral part of project outputs. Prior to house connection each household were consulted individually regarding the benefits and proper use of it. A printed leaflet describing the key project objectives, procedure of house connections etc. was distributed among the beneficiaries for public awareness and participation

#### IV. Grievance Redress Mechanism (GRM)

A common grievance redress mechanism (GRM) has been established for social, environmental or any other subproject related grievances.

**Grievance Redress Process:** PMU maintains a Complaint Cell at KEIIP office, located at 206 A J C Bose Road Kolkata 700017 headed by a designated Grievance Redress Officer, which is currently officiated by the Administrative Officer under Project Director of KEIIP. The Complaint Cell will also serve as Public Information Centers, where, apart from grievance registration, information on the Project, subprojects, social and environmental safeguards, etc can be provided.

At every Borough Office of KMC under which the civil works are in progress, a drop box has been kept to receive and complaints and suggestions from the community people. At **Contractors' site offices**, complaint and suggestion register have been made available for lodging any complaints. The concerned Executive Engineers of KEIIP monitor these registers during their site visits and if possible take necessary actions for redressal of minor complaints with intimation to the complainant.

The Grievance Registration / Suggestion Form are available at the Complaints Cell and in Borough Offices and will also be downloadable from the KEIIP/KMC websites. Grievances / suggestions of affected persons can be dropped into suggestion boxes or conveyed through phone or mail. Affected Persons will also be able to register grievances - social, environmental or other, personally at the Complaint Cell and at Borough offices of KMC.

All complaints (unresolved at local site / Borough level) relating to KEIIP are to be sent to the project Director, KEIIP including those received in the KMC/KEIIP website for redress. The Grievance Redress Officer is responsible to resolve simple unresolved issues and in case of complicated issues, consult/seek the assistance of the Environment/Social Specialist of the DSC/PMU. Grievances not redressed through this process within one month of registration will be brought to the notice of the Project Director, KEIIP. Action taken in respect of all complains will be communicated to the complainant by letter, over phone or e-mail as the case may be.

Periodic community meetings with stakeholders have been conducted on regular basis, explaining the Grievance Redress Mechanism of the project. Handouts developed in vernacular language have been distributed among the affected persons. Banners and Posters explaining Grievance Redressal process have been displayed at prominent places of subproject area. People have been informed, that they can lodge their complaints at every construction sites or Contractors' site office of respective packages. Suggestion Box have also been mounted in KMC Borough Offices of Br. I, XI, XIII, XIV & XVI to cover major portions of TR-II subproject areas (**Annexure : 3 & 4**).

**Grievance Redress Committee (GRC):** A PMU level GRC has been constituted by the Project Director to address grievances. Grievances not resolved at borough level are referred to PMU level. However grievances that cannot be resolved at PMU level may be referred to the apex grievance redress committee (GRC). Still unresolved issues may approach the appropriate court of law.

Time period for grievance redress at each level are as follows:

- ✗ Site level – 7 days
- ✗ Borough level – 7 days
- ✗ GRC – PMU level – 15 days
- ✗ Apex GRC- 15 days

25. There have been no grievances from any community members in relation to any social issues at any of the construction sites during the reporting period - June to November, 2017.

## **V. Institutional Arrangement**

An institutional arrangement is in place for the project that ensures, all sub-projects are implemented in compliance with ADB SPS, 2009. The subproject is being implemented and monitored by the Project Management Unit (PMU). At the PMU level, there are two safeguard specialists' responsible environmental and social safeguards. PMU Environment Specialist is the overall in-charge on Environmental safeguard of the program. The responsibilities of the Environmental Specialist ensures that (i) environmental safeguard issues are addressed; (ii) EMP/ approved Site Environment Plan (SEP) is implemented; (iii) physical and non-physical activities under the subproject are monitored; and (iv) monitoring reports are prepared on time and submitted to ADB. Safeguard Monitoring Unit (SMU) of PMU is ensuring field level monitoring and safeguard documentation

For ensuring social safeguards for the project the Social Safeguard Specialist of PMU is supported by a Social Monitoring Unit (SMU). The PMU Social Safeguard Specialist ensures monitoring and implementation of social safeguards at subproject locations. The PMU Social Safeguard Specialist is supported by the Social Safeguard Specialist from Design and Supervisions Consultants (DSC) who is also responsible for regular monitoring follow ups and support the SMU team with handling of social issues at subproject locations.

The Safeguard Monitoring Unit is responsible to: (i) conduct site visits to all sub-project locations in regular intervals, (ii) orient Contractors and its workers on social safeguard, so that the implementation work is carried out in compliance, (iii) community consultation and awareness programs at subproject locations, (iv) collect information related to grievance/ complaints and duly informs higher authorities of the Project and Contractor Engineers for redress, and (v) prepare monthly progress report and monitoring reports.

## **VI. Monitoring Results – Findings**

In the present reporting period, physical progress of work have just begun for six subprojects. The project areas have been visited by the safeguard team from PMU, DSC along with the DSC Engineers in presence of the Contractors. There are no major findings as the work has just started.

## VII. COMPLIANCE STATUS

**Table 5 : Implementation Status and Social Safeguard Compliance of Contract Packages under Tranche 1 – KEIIP**

Sl. No	Package Title	Date of Commencement	Physical Progress made till May 2018 (%)	Safeguard Documents	Nature of Impact	Status of RP Implementation
1	<b>TR-2/SD09:</b> Construction of Sewerage & Drainage Network in Thakurpara and Purba Putiary Catchment and Construction of Keorapukur PS in Ward - 114, Borough XI including peration & maintenance of the pumping station	Notice To Proceed received by SNET-JBPL JV on 7.2.17	6%	DDR disclosed on ADB website in April 2016	NA	NA
2	<b>TR-2/SD10:</b> Sewerage & Drainage Network in Rania Box Catchment (Part of Ward 111, 112 & 113) in Borough XI	Notice To Proceed received by Tantia Construction Ltd on 24.1.17..	5.20	DDR disclosed on ADB website in April 2016	NA	NA
3	<b>TR2/SD11:</b> Sewerage and Drainage Network in Vivekananda Road atachment (Part of Ward 113 &114) and Construction of a Pumping Station	Notice To Proceed received by Tantia Construction on 14.2.17.	4.00	DDR disclosed on ADB website in April 2016	NA	NA
4	<b>TR-2/SD-12:</b> Laying Of Trunk Sewer along James Long Sarani By Micro tunneling Method	Notice To Proceed received by ITD- ITDCEM JV on 8.2.17.	36.00	DDR disclosed on ADB website in April 2016	NA	NA

SI. No	Package Title	Date of Commencement	Physical Progress made till May 2018 (%)	Safeguard Documents	Nature of Impact	Status of RP Implementation
5	<b>TR-2/SD-13:</b> Development of sewerage and drainage network within James Long Sarani and Mahatma Gandhi Road Catchment in Borough XVI (Part of Ward No. 123 &124)	Notice To Proceed received by Simplex Infrastructures on 5.12.16.	13.17	RP disclosed on ADB website in April 2016	Temporary Livelihood loss due to loss of access	ID cards of 22 APs have already been prepared and submitted to project authority for final approval prior to distribution and consultation for disclosure
6	<b>TR-2/SD-14:</b> Laying of Lateral sewers in part of Borough XIV (Ward Nos. 128 to 132) and De- siltation of Box Drain at Picnic Garden Road	Notice To Proceed received by Simplex Infrastructures on 5.12.16.	17.42	DDR disclosed on ADB website in April 2016	NA	NA
7	<b>TR-2/WS-15:</b> Water Supply: Construction of Underground Reservoirs and Overhead Reservoirs, Pumping Stations & Linking Pumping Station Mains for Water Supply in Joka & adjoining areas including Operation & Maintenance of the Pumping Station	received by Gannon Dunkerley & Co. Ltd. On 5.12.16.	37.80	DDR disclosed on ADB website in April 2016	NA	NA

SI. No	Package Title	Date of Commencement	Physical Progress made till May 2018 (%)	Safeguard Documents	Nature of Impact	Status of RP Implementation
8	<b>TR2 / WS16:</b> Laying of Transmission Main from Daspara PS to UGRs at Prantik PH-III , KMC Land on Julpia Road and Transmission Main from PS to zonal Reservoirs	Notice To Proceed received on 19.5.17. by FFIL-RIL JV	15.30	RP disclosed on ADB website in April 2016	Temporary Livelihood loss due to loss of access	ID cards of 165 Aps have already been prepared and submitted to project authority for final approval prior to distribution and consultation for disclosure.
9	<b>TR2 / WS17A:</b> Laying of Water Supply Distribution Network Including Providing Household Service Connection in 4 Distribution Service Areas in Joka & Adjoining Areas for the command Area under Proposed 10ESRs at Prantik PH III, N-E of SSE STP and N-W of SSE STP & Existing ESR at Prantik	Notice To Proceed received on 17.6.17. by Simplex Infrastructures Ltd.	5.46	DDR disclosed on ADB website in April 2016	NA	NA
10	<b>TR2 / WS17B::</b> Laying of Water Supply Distribution Network Including providing Household Service Connection in 4 Distribution Service Areas in Joka & Adjoining Areas for the command Area under Proposed ESRs at Company Pukur , WBSETCL & 22 Bigha & Existing ESR at Diamond Park	Notice To Proceed received on 17.6.17. by Simplex Infrastructures Ltd.	8.33	DDR disclosed on ADB website in April 2016	NA	NA

SI. No	Package Title	Date of Commencement	Physical Progress made till May 2018 (%)	Safeguard Documents	Nature of Impact	Status of RP Implementation
11	<b>TR2 / WS18:</b> Laying of Transmission Main from Pumping Stations to proposed 3 nos Elevated Malpara, Charaktala and Construction of the 3 ESRs including laying of Distribution Network with House service connection within the Command Area of the 3 ESRs for Water Supply in Joka and adjoining areas	Notice To Proceed received on 15.5.17 by FFIL - RIL JV .Laying of pipes, trial pits and survey works are currently in progress.	17.01	DDR disclosed on ADB website in April 2016	NA	NA
12	<b>TR 2 / SD19:</b> Development of S & D Network in Tolly's Nullah / eorapukur Canal sub-basin in Part of Wards 115 & 122 including construction of a SWF Pumping Station in the Premises of Kudghat LS-5 and Augmentation of Keorapukur MPS	Notice To Proceed received on 17.6.17 by Simplex Infrastructures Ltd.	3.46	DDR disclosed on ADB website in April 2016	NA	NA
13	<b>TR2 / SD22:</b> Dedicated Water Supply Transmission Main along James Long Sarani		Costruction work yet to begin			Conducted a meeting with ward Councilor on 19.05.17. Identification of 31 APs Completed
14	<b>TR2 / WS24:</b> Development of S& D Network in Churial Extension Canal sub basin in Borough XIII & xvi (Part of Ward no. 122,123,124) including laying of trunk sewer by micro tunneling method and construction of Churial Extension Pumping Station	Notice To Proceed received by Simplex Infrastructures Ltd. on 24.05.17.	14.45	DDR disclosed on ADB website in April 2016	NA	NA

SI. No	Package Title	Date of Commencement	Physical Progress made till May 2018 (%)	Safeguard Documents	Nature of Impact	Status of RP Implementation
15	TR 2 / WS25: Water Loss Management under Jay Hind WTP Area (Eastern Kolkata)		ADB approval is awaited	DDR disclosed on ADB website in April 2016	NA	NA

## VIII. FOLLOW UP ACTIONS

The follow up actions for the next phase are as follows:

- Continue monitoring of the subproject implementation to assess the IR impacts and accordingly mitigate the issues.
- Continue to conduct stakeholder consultation at the subproject locations
- Completion of distribution of identity cards for potentially affected persons
- Create awareness among community people in subproject implementation locations on grievance redress mechanism and to use it

**ANNEXURE : 1**  
**FIELD VISIT PHOTOGRAPHS**  
**Environmental and Social Safeguard Visit conducted by Social Safeguard Cell, PMU**  
**Date 16. 1.18, Package No. TR - 2/ SD - 13,**  
**Place : Ward 124, Thakurtala Road**

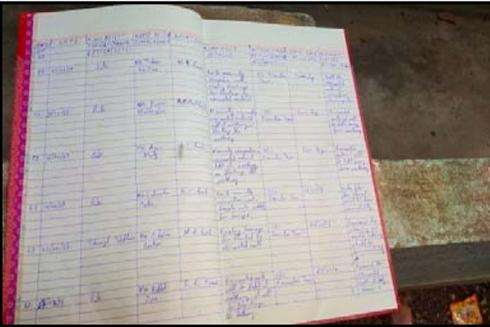


**FIELD VISIT PHOTOGRAPHS**

**Environmental and Social Safeguard Visit conducted by Social Safeguard Cell, PMU**

**Date 16. 03.18, Package No. TR - II/ SD -14**

**Place : Ramkrishna Sarani (Ward 128) & Becharam Chatterjee Road (Ward 129)**



**FIELD VISIT PHOTOGRAPHS WITH ADB REPRESENTATIVES**  
**PLACE : BEHALA & TALA AREA, Ward No. 5, 6 , 115, 122, 132 & 144.**  
**DATE : 21<sup>st</sup>, 22<sup>nd</sup>& 23<sup>rd</sup> MARCH, 2018**



**FIELD VISIT PHOTOGRAPHS**

**Environmental and Social Safeguard Visit conducted by Social Safeguard Cell, PMU**

**Date 09. 04.18, Package No. TR - II/ SD -10**

**Place : ward 111, Sekhpara, South Bramhapur, Rishi Rajnarayan Rd**





**FIELD VISIT PHOTOGRAPHS**

**Socio Economic Survey of Shop owners for preparation of ID cards conducted  
by Social Safeguard Cell, PMU**

**Date 24.05.18, Package No. TR - II/ SD -22**

**Place : R. N Tegore Rd, Purbachal Culvert Ward-124**



## ANNEXURE 2: Focus Group Discussion on Upgradation of Sewerage & Drainage Network

Date	Package	Ward / Location	No of Participants	Key issue Discussed	Photographs
22.02.18	SD -14 / TR- II	Ward - 132 Swamiji By Lane	Male : 4 Female : 5 Total : 9	<ol style="list-style-type: none"> <li>1. People told that they will be very much benefitted due to newly constructed S&amp;D network.</li> <li>2. They are hopeful that Water logging problem in rainy season may be iradicated for upgradation of S&amp;D network.</li> <li>3. They have expressed their heardship due to water logging problem in rainy season. It will be helpful specaialy for School going children and aged people during rainy season.</li> <li>4. People also expreseed their gratitued for individual house drainage connection in a subsidised rate.</li> <li>5. Participants are informed on behalf of the project that such kind of construction of S&amp;D netwok will be carried out through out the Ward no 122 as per design. Their active coopertation is needed for successful implementation of the project.</li> <li>6. Participants have been informed that, they can contact at concerned Contractor's office or local Borough Office to lodge their complaint. Apart from that, a Grievance Register is also available at every work site which has remained accessible for common people to record their grievance. Leaflets were distributed among them.</li> </ol>	

### Focus Group Discussion on Upgradation of Sewerage & Drainage Network

Date	Package	Ward / Location	No of Participants	Key issue Discussed	Photographs
09.04.18	SD -10 / TR-II	Ward - 130 Surya Sen Pally	Male : 8 Female : 7 Total : 15	<p>1. People told that they will be very much benefitted due to newly constructed S&amp;D network.</p> <p>2. They are hopeful that Water logging problem in rainy season may be iradicated for upgradation of S&amp;D network.</p> <p>3. They have expressed their heardship due to water logging problem in rainy season. It will be helpful specaialy for School going children and aged people during rainy season.</p> <p>4. People also expreseed their gratitued for individual house drainage connection in a subsidised rate.</p> <p>5. Participants are informed on behalf of the project that such kind of construction of S&amp;D netwok will be carried out through out the Ward no 130 as per design. Their active coopertation is needed for successful implementation of the project.</p> <p>6. Participants have been informed that, they can contact at concerned Contractor's office or local Borough Office to lodge their complaint. Apart from that, a Grievance Register is also available at every work site which has remained accessible for common people to record their grievance. Leaflets were distributed among them.</p>	  

ANNEXURE 3: KEIIP's GRM Poster displayed at subproject areas under all packages for Tranche – I & II

## কলকাতাকে

- পরিশ্রুত পানীয় জল দিতে
- পয়ঃপ্রণালী ও নিকাশীর সুবন্দোবস্ত করতে

আরও সবুজ আরও সুন্দর করে তুলতে

আমরা প্রতিশ্রুতিবদ্ধ

তাই

কাজ চলছে শহর জুড়ে

এই কাজ নিয়ে আপনার কোনও অসুবিধা হচ্ছে ?

এই কাজ নিয়ে আপনার কোনও অভিযোগ/মতামত আছে ?

নথীবদ্ধ করুন আর

- “KEIIP- অভিযোগ/মতামত ” লেখা ড্রপ বক্সে ফেলুন আপনার বরো অফিসে অথবা
- যেখানে কাজ চলছে সেখানকার ঠিকাদারের অফিসে অভিযোগ নথিবদ্ধ করুন
- KEIIP'র ওয়েবসাইট [www.keiip.in](http://www.keiip.in) বা KMC'র ওয়েবসাইট [www.kmcgov.in](http://www.kmcgov.in) - এর মাধ্যমেও অভিযোগ জানাতে পারেন
- KMC'র WhatsApp No. 8335988888 - এর মাধ্যমেও অভিযোগ জানাতে পারেন



Kolkata Environmental Improvement Investment Program (KEIIP)  
কলকাতার উন্নয়নে কলকাতা পুরসভা-র একটি প্রকল্প



KEIIP's GRM Poster displayed at subproject areas under all packages for Tranche – I & II

## Kolkata Environmental Improvement Investment Program (KEIIP)



কাজ করছে  
আপনার অঞ্চলের উন্নয়নের জন্য  
এই প্রকল্প নিয়ে কোনও অভিযোগ/মতামত থাকলে  
নথীবদ্ধ করুন  
আর

“ KEIIP- অভিযোগ/মতামত ”

লেখা ড্রপ বক্সে ফেলুন  
আপনার বরো অফিসে

অথবা

- যেখানে কাজ চলছে সেখানকার ঠিকাদারের অফিসে
- KEIIP'র ওয়েবসাইট [www.keiip.in](http://www.keiip.in) বা KMC'র ওয়েবসাইট [www.kmcgov.in](http://www.kmcgov.in) - এ
- KMC'র WhatsApp No. 8335988888 - এ



Kolkata Environmental Improvement Investment Program (KEIIP)

কলকাতার উন্নয়নে কলকাতা পুরসভা-র একটি প্রকল্প

<sup>2</sup> Conceptualised & Developed by Public Communication & Social Development Consultant (PC&SDC, KEIIP)

Annexure : 4: PUBLIC DISCLOSURE HAND OUTS OF KEIIP, developed by Public Consultation & Social Development Consultants, KEIIP.  
“HON’BLE MAYOR’S (KMC) APPEAL to citizen’s of Kolkata”

## কলকাতার মহানাগরিক - এর আবেদন

সুধী নাগরিক,

উন্নত পরঃপ্রণালী ও নিকাশী পরিষেবা উন্নত করার উদ্দেশ্যে Kolkata Environmental Improvement Investment Program (KEIIP) কাজ করছে আপনার এলাকায়। এই কাজের জন্য সাময়িক ভাবে কোথাও রাস্তা খুঁড়তে, কোথাও রাস্তায় পাইপ (pipe) রাখতে বা কোথাও রাস্তা বন্ধ করতে KEIIP বাধ্য হয়েছে।

আমাদের বিশ্বাস, কাজ শেষ হলে এই অঞ্চলে বর্ষার জল জমার সমস্যার সুরাহা হবে, খোলা নর্দমা হবে অতীতের স্মৃতি, ম্যালেরিয়া-টাইফয়েড এর মত অনেক মারণ রোগ থাকবে দূরে, জীবনযাত্রার মান যাবে বদলে, মা বোনেদের জীবনে আসবে আরও একটু বেশি স্বাচ্ছন্দ্য।

আপনাদের এই সাময়িক অসুবিধার জন্য KEIIP আন্তরিক ভাবে দুঃখিত।  
আপনাদের কাছে আমাদের অনুরোধ, কাজ চলাকালীন, একজন সুবিবেচক ও সুনাগরিক হিসেবে আপনারা KEIIP’র সঙ্গে সহযোগিতা করুন।

আমাদের লক্ষ্য নাগরিক স্বাচ্ছন্দ্য .....

আমাদের লক্ষ্য আরও সুন্দর কলকাতা .....

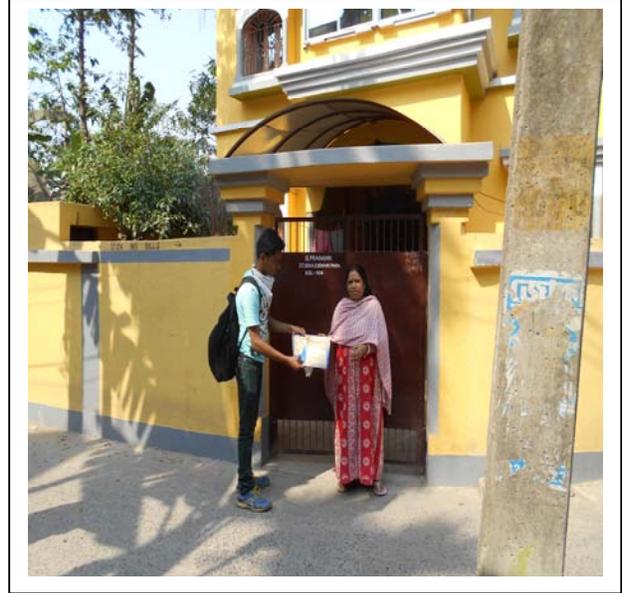
আপনাদের জন্য রইল অনেক শুভেচ্ছা।



ধন্যবাদান্তে,

*(Signature)*

**Pictures of Door to Door distribution of “Hon’ble Mayor’s Appeal to the citizens of Kolkata”  
The campaigning was organized by PC&SDC, KEIIP**



**Details of Door to Door Distribution of Hand-outs "HONB'LE MAYOR's APPEAL to citizens of Kolkata" for public disclosure (By PC&SDC, KEIIP)**

<b>S.No</b>	<b>Area [Borough, ward and locality]</b>	<b>Total flyers distributed</b>
	<b><i>Borough XIII</i></b>	
1	Ward 115 [Paschim Putiary, Kudghat and Karunamoyee]	6000
2	Ward 116 [Tollygunge Circular Road ,Sirty-Senhati Colony)	5850
3	Ward 117 [Tollygunge Circular Road (Chandubabur Jheel-Buroshibtala)	5300
4	Ward 118 [Tollygunge Circular Road (Sahapara)-New Alipore]	2700
5	Ward 119 [Behala (James Long Sarani-Sahapara-Railway Colony)	8850
6	Ward 120 [Behala (James Long Sarani-Bliss Park-Behala Gardens-Behala Tram Depot)	4800
7	Ward 122 [Behala (Sukanta Nagar-Sodpur-Kazipara)	9700
	<b><i>Borough XIV</i></b>	
8	Ward 121 [Behala (Jadu Nagar Colony-Jayasree Colony-Mondal Para-Manton-Calcutta Blind School, Behala Thana)]	18600
9	Ward 127 [Sarsuna(Sarsuna satellite township-Shakuntala Park-Oxytown-Sonamukhi)]	8050
10	Ward 128 [Behala (Ramnarayan Government Colony-Dhamarajtola-Sen Pally-Nimtala)	5250
11	Ward 129 [Behala (Adarsha Nagar-BG Press Colony-Sreema Pally-Rabindra Palli)]	6700
12	Ward 130 [Behala (Manton Super Market-Bakshi Bagan-Unique Park)]	5800
13	Ward 131 [Behala(Parnasree Pally)]	4050
14	Ward 132 [Behala (Naskarpur-Bara Bagan-	3950

<b>S.No</b>	<b>Area [Borough, ward and locality]</b>	<b>Total flyers distributed</b>
	Pathakpara)	
	<b><i>Borough XV</i></b>	
15	Ward 133 [Garden Reach (Akshay Kanan)	9600
16	Ward 134 Garden Reach (Ramnagar)	4300
17	Ward 135 [Garden Reach (Bichali Ghat-Mudiali)	4900
18	Ward 136 [Metiabruz (Panchanandatala)	1900
19	Ward 137 [Metiabruz (Lichu Bagan)	2100
20	Ward 138 [Metiabruz (Panchpara-Kashyappara-Jabarhat)	2600
21	Ward 139 [Metiabruz (Bartala-Karbala)	4100
22	Ward 140 [Metiabruz (Kanthalberia-Mullickpara)	4700
23	Ward 141 [Badartala (Metiabruz)	5100
	<b><i>Borough XVI</i></b>	
24	Ward 124 [Barisha,Thakurpukur]	9700
25	Ward 125 [Paschim Barisha, Thakurpukur]	11200
26	Ward 126 [Sarsuna,Paschim Barisha]	7600
27	Ward 142 [Haridevpur, Nepal Gange, Joka1,2]	9650
28	Ward 143 [Thakurpukur Naba pally, Dhali para, Joka2]	12600
29	Ward 144 [Hanspukur, Jaigirpark, D.H. Road, Thakurpukur, B H Road]	11400
	<b>Total</b>	<b>2,00,000</b>

