

# Land Acquisition and Resettlement Due Diligence Report

---

Document stage: Draft for consultation  
Project number: 42266  
April 2016

IND: Kolkata Environmental Improvement Investment Program  
(TR2 WS15)

Prepared by Kolkata Municipal Corporation (KMC) for the Asian Development Bank.

This due diligence report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

## **CURRENCY EQUIVALENTS**

(as of 22 April 2016)

Currency unit	=	Rupee (INR)
INR 1.00	=	USD 0.01504
USD 1.00	=	INR 66.4893

## **ABBREVIATIONS**

ADB	-	Asian Development Bank
BPL	-	below poverty line
DH	-	Diamond Harbour Road
ESR	-	elevated service reservoir
GP	-	gram panchayat
IR	-	involuntary resettlement
KEIP	-	Kolkata Environmental Improvement Project
KEIIP	-	Kolkata Environmental Improvement Investment Program
KL	-	kiloliter
KMC	-	Kolkata Municipal Corporation
MFF	-	multi-tranche financing facility
NOC	-	No Objection Certificate
PHED	-	Public Health Engineering Department
PS	-	pumping station
ROW	-	right of way
S&D	-	sewerage and drainage
STP	-	sewage treatment plant
LPS	-	liters per second
UGR	-	underground reservoir
WBSECTL	-	West Bengal State Electricity Transmission Corporation Limited

## CONTENTS

	<b>Page</b>
I. INTRODUCTION	1
A. Background	1
B. Scope of this Report	1
II. SUBPROJECT DESCRIPTION	2
III. FIELD WORK AND PUBLIC CONSULTATION	3
A. Outline of Field Work	3
B. Public Consultation	3
IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS	8
A. Construction of Storage Reservoirs and Pumping Stations	8
V. CONCLUSIONS	11
A. Summary and Conclusions	11
B. Next Steps	12

### List of Appendixes

1. Land Transfer Letter from Land and Land Reforms Department, Government of West Bengal for Prantikpally UGR/PS/ESR Site (Ward – 143)
2. Details of land availability and ownership for sites where new facilities proposed (KMC & other than KMC land)
3. Summary of Community Consultations



## **I. INTRODUCTION**

### **A. Background**

1. On 26 September 2013, the Asian Development Bank (ADB) approved the provision of loans under a multitranche financing facility (MFF) for the Kolkata Environmental Improvement Investment Program (KEIIP or the Investment Program) for an aggregate amount not to exceed \$400 million. The impact of the Investment Program will be improved access to water supply and sanitation in Kolkata Municipal Corporation (KMC). The outcome will be improved water supply, sewerage and drainage service quality and operational sustainability in selected areas of KMC. KEIIP has three outputs: (i) inefficient water supply assets rehabilitated; (ii) sewerage extension to peripheral areas continued;<sup>1</sup> and (iii) financial and project management capacity further developed. KMC is KEIIP's executing agency. A project management unit (PMU) created under KMC is implementing KEIIP.

2. The proposed Project 2, supported by the tranche 2 of KEIIP, will include physical and non-physical investments in water supply and sanitation improvement in KMC. Project 2 is aligned with improved access to water supply and sanitation in KMC as defined by the Investment Program. A total of six contract packages for sewerage and drainage work are prioritized under Project 2, and an additional two non-priority packages proposed. For water supply, a total of six contract packages are proposed, of which one is a priority package. Kolkata Municipal Corporation (KMC) is in the process of preparing project proposals for all proposed subprojects under Project 2 to ensure high project readiness.<sup>2</sup>

### **B. Scope of this Report**

3. This land acquisition and resettlement due diligence report is prepared for the proposed priority water supply subproject in Joka and its adjoining areas, package TR-2 WS15. It is proposed to rehabilitate inefficient and outdated water supply assets to minimize cost of operation, restoration and enhancement of production capacities, and reduction of water loss in distribution.

4. A due diligence process was conducted to examine land acquisition and resettlement issues in detail, in line with ADB SPS 2009. This report describes the findings and provides copies of relevant documents, resolutions, minutes of meetings and photographs. This land acquisition and resettlement due diligence report needs to be read along with the Resettlement Framework prepared for KEIIP.

---

<sup>1</sup> The 1899 Calcutta Municipal Act defined the administrative domain of the municipal authority as covering 25 wards and having an areal extent of 48.5 square kilometers. Many boundary changes followed, the latest one in January 1984 when Boroughs XI, XII, XIII, XIV and XV were annexed to KMC. These boroughs in the peripheral areas, are popularly known as "added areas".

<sup>2</sup> Water supply packages identified for implementation under tranche 2 include: (i) Construction of 2 underground reservoirs (UGR) and pumping stations (PS) at Prantik Ph III and Company Pukur; 6 elevated service reservoirs (ESRs) at Prantik Phase III, North-East of South Suburban East (SSE) sewage treatment plant (STP), North-West of SSE STP, Company Pukur, WBSETC, 22 Bigha, under package TR-2 WS15; (ii) laying of transmission main from existing Daspara PS to UGRs at Prantik Ph III and Company Pukur; and transmission main from UGRs to 8 elevated service reservoirs (ESRs - 6 proposed and 2 existing), under package TR-2 WS 16; (iii) Laying of distribution system and house connection within the command area of 8 ESRs (6 proposed and 2 existing), under package TR-2 WS 17; (iv) construction of ESR at Ramkantapur, Malpara, Charaktala; laying of transmission main from UGR at Company Pukur to 3 ESRs; and laying of distribution system and house connection within the command area of 3 ESRs, under package TR-2 WS 18; (v) dedicated water supply transmission main from the junction of James Long Sarani to Daspara near existing pumping station along James Long Sarani; and (vi) water loss management under Jay Hind WTP Area (Eastern Kolkata).

5. Upon project implementation, the Social Safeguard Officer at PMU will be required to undertake a review of this due diligence, prepare a confirmation letter or report documenting any modifications for the subproject and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction related to the subproject.

## **II. SUBPROJECT DESCRIPTION**

6. The areas added to the city of Kolkata after 1984 ('added areas') have major gaps in supply of potable water. The subproject location is at the southern part of KMC area, and includes wards 142, 143, 144 which were newly added to KMC in 2015, and parts of wards 114, 122, 123 and 124. Surface water from River Hooghly is presently supplied by PHED in this area. The surface water is treated at Raipur WTP, situated in South 24 Paraganas district, about 25 km from the project area. Additional sources in the area include public and private shallow tubewells and small dia deep tubewells. The proposed area still retains some of its rural characteristics; the area was handed over by the Gram Panchayat (GP) to KMC in the recent past. Almost the entire area is devoid of an organized distribution system of potable water. Before handing over of the area by the GP to KMC, a total of 124 hand pumps existed in the area, about 50% of which are currently non-functional.

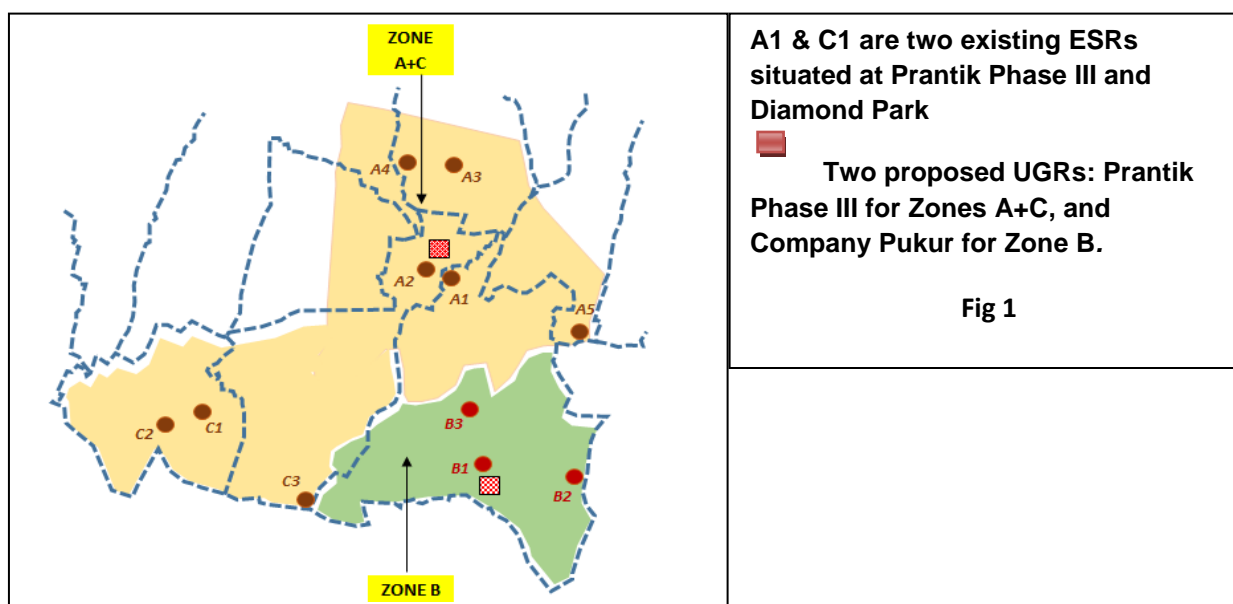
7. There are two elevated service reservoirs (ESR), which serve the subproject area. One is located at Diamond Park having a capacity of 1500 cum and the other at Prantik III, having 900 cum capacity. Availability of water at the consumer's end is grossly inadequate. The proposed subproject aims to address the demand supply gap of potable water in the project area, which in turn is expected to help improve social, environmental and economic condition of the population in Joka and adjoining areas, including wards 142, 143, 144 and parts of wards 114, 122, 123 and 124. Improved water supplies are anticipated to lead to better health status, increased labor productivity and provide a boost to the economy.

8. The water presently being supplied by State PHED is inadequate to meet the demand of the subproject area, which is changing in character from rural to urban. Need for a dedicated water supply system is identified for successful service delivery of potable water. The service area has been conceptually divided in 3 major water zones – A, B & C.<sup>3</sup> As part of subproject WS 15, two underground reservoirs and pumping stations (PS) at Prantik Phase III and Company Pukur; six Elevated Service Reservoirs (ESRs) at locations including Prantik Phase III, North-East of SSE STP, North-West of SSE STP, Company Pukur, West Bengal State Electricity Transmission Corporation Limited (WBSETCL), and 22 Bigha, are proposed to be constructed. Pumping Stations will be constructed with the UGRs, to convey water from UGR to ESRs within the respective zone.

---

<sup>3</sup> Zone boundary has been demarcated based on the following parameters: Location of Pumping Station (PS), availability of area for required volume of UGR and PS, location of ESRs as per the availability of land, population coverage, canal and feasibility of canal crossing, major roads crossing, nature of arterial roads.

**Figure 1: Three Major Water Zones in subproject area**



9. The overall objective of the water supply project in Project 2 is to enhance the service levels in a phased approach to arrive at the target service levels. Package WS 15 specifically focuses on creation of adequate storage capacity. The objectives of the water supply subproject under Project 2 packages WS 15 - 18 are as follows:

- (i) Improving equitable distribution of water by reinforcing feeder network, and pressure management
- (ii) Water loss management under Jay Hind WTP area (Eastern Kolkata and Behala area)
- (iii) Construction of underground reservoirs, overhead reservoirs, pumping stations, and linking pumping mains for water supply in Joka and adjoining areas, and
- (iv) Construction of water distribution network for water supply in Joka and adjoining areas

### **III. FIELD WORK AND PUBLIC CONSULTATION**

#### **A. Outline of Field Work**

10. In November and December 2015, field visits and stakeholder consultations were carried out at the proposed subproject site locations for water supply in Joka and adjoining areas. Transect walks were carried out at all proposed sites – Prantik – III, Company Pukur, SSE STP, WBSETCL and 22 Bigha, where underground reservoirs (UGRs) and elevated service reservoirs (ESRs) are proposed to be constructed.

#### **B. Public Consultation**

11. Consultations were undertaken with key stakeholders in line with ADB's requirements pertaining to environment and social considerations. Stakeholder meetings and consultations helped identify the felt needs/concerns and apprehensions of the communities related to the project, and priorities of concerned stakeholders. Discussions were held with 161 people residing at/near and/or having businesses at/near the proposed subproject locations, of which

43% were women. Consultations revealed that people are distressed due to inadequate supply of water which does not meet their daily requirement. The quality of ground water is also a matter of concern for the people. The severity of the problem is higher in subproject areas which are completely devoid of proper distribution systems. The community indicated willingness to cooperate for the proposed project. A summary of discussions held is given in Table 1.



Table 1: Summary of Consultations with Stakeholders

DATE	LOCATION	NO OF PARTICIPANTS				EMPLOYMENT STATUS OF PARTICIPANTS	TOPICS DISCUSSED	ISSUES RAISED
		MALE	FEMALE	% of Female	TOTAL			
16 <sup>th</sup> Dec. 2015	41 Pally, KMC Ward Office, Ward No. 122.	13	36	73.47%	49	<b>MALE:</b> Service, businessmen, retired persons  <b>FEMALE:</b> Housewives.	<ul style="list-style-type: none"> <li>Details of proposed subproject including technical details, environmental and social considerations.</li> <li>Envisaged benefits of the project.</li> <li>Adoption of hassle free procedures, adequate safety measures to ensure none/minimum disruption of daily activities and transportation.</li> <li>No chance of structure or income loss.</li> <li>Grievance redress procedures.</li> <li>Importance of public participation and awareness</li> <li>KMC's future plan to supply Drinking water in the adjoining area of Joka, Behala under Borough- XVI.</li> </ul>	<ul style="list-style-type: none"> <li>Commencement of project work and duration.</li> <li>Water logging during heavy rains in some areas like Sodepur, K.K, Road</li> <li>Chances of damaging the existing water pipe lines during project implementation.</li> <li>Contamination of drinking water with sewage.</li> <li>Absence of drainage network and scarcity of drinking water in areas like K.K Road, Sodepur Brickfield Road, Dackar Bagan.</li> </ul>
21 <sup>st</sup> Dec. 2015	Prantik Abasan, Phase-III, (Community Hall) Ward No. 143	46	4	9%	50	<b>Male :</b> Service, Businessmen, Retired persons <b>Female :</b> House Wife	<ul style="list-style-type: none"> <li>Details of proposed subproject including technical details, environmental and social considerations.</li> <li>KMC's future plan to supply drinking water in the adjoining areas of Joka, Behala under Borough- XVI.</li> </ul>	<ul style="list-style-type: none"> <li>Commencement of project work and duration.</li> <li>Water logging during heavy monsoon in some areas like Prantik Abasan etc.</li> </ul>

DATE	LOCATION	NO OF PARTICIPANTS				EMPLOYMENT STATUS OF PARTICIPANTS	TOPICS DISCUSSED	ISSUES RAISED
		MALE	FEMALE	% of Female	TOTAL			
							<ul style="list-style-type: none"> <li>• The entire plan and design has been prepared to supply water house to house 24 X 7, and cover 100% area and population of the ward on completion of the entire network.</li> <li>• Proposed subproject components in ward 143 under the package WS15.</li> <li>• Envisaged benefits</li> <li>• Grievance redress procedures</li> <li>• Importance of public awareness and participation</li> </ul>	<ul style="list-style-type: none"> <li>• Network coverage in remote parts of the ward (outlying areas).</li> <li>• Policy regarding house connection and quantity and quality of existing water supply.</li> <li>• Absence of drainage network and scarcity of drinking water in the area of Dhalipara, Palui Palpara, Chak Thakurani etc.</li> </ul>

DATE	LOCATION	NO OF PARTICIPANTS				EMPLOYMENT STATUS OF PARTICIPANTS	TOPICS DISCUSSED	ISSUES RAISED
		MALE	FEMALE	% of Female	TOTAL			
19 <sup>th</sup> Dec. 2015	Office of Borough XVI, Diamond Park, Ward No 144	54	8	13%	62	<b>Male :</b> Service, Businessmen, Retired persons <b>Female :</b> House Wife, service	<ul style="list-style-type: none"> <li>• Details of proposed subproject including technical details, environmental and social considerations.</li> <li>• KMC's future plan to supply drinking water in the adjoining areas of Joka, Behala under Borough- XVI.</li> <li>• The entire plan and design has been prepared to supply water house to house 24 X 7, and cover 100% area and population of the ward on completion of the entire network.</li> <li>• Proposed subproject components in ward 144 under the package WS15.</li> <li>• Envisaged benefits</li> <li>• Grievance redress procedures</li> <li>• Importance of public awareness and participation</li> </ul>	<p>Commencement of project work and duration.</p> <p>Water logging during heavy rains is a challenge for the local people.</p> <p>Quality of the water that is being supplied at present by the Public Health Engineering Department is not potable, as the amount of iron and salinity is higher than permitted as per norms.</p> <p>At present, quantity of water supplied is inadequate to cater to the existing demand.</p> <p>Replacement of existing PVC pipes in poor condition, with new ones.</p> <p>Policy of house connection in case of joint property recorded in Kolkata Municipal Corporation (erstwhile Joka Gram Panchayat).</p> <p>Policy regarding house connection fee.</p> <p>Network coverage in remote parts of the ward</p>

#### IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

##### A. Construction of Storage Reservoirs and Pumping Stations

12. No land acquisition or resettlement impacts are anticipated for the proposed construction of two UGR cum PS and six ESRs under the subproject WS 15. All civil works proposed under the subproject are on government land (KMC or other government department). One of the proposed underground reservoirs (UGR) cum pumping station (PS) will be constructed at Company Pukur (Ward 142); the land parcel belongs to Kolkata Municipal Corporation. The second UGR cum PS which is proposed at Prantik Phase-III (Ward 143) is owned by West Bengal Housing Board, Government of West Bengal. The land parcel has been handed over by Housing Board to Land and Land Reforms Department, Government of West Bengal and the concerned department has transferred the land to Kolkata Municipal Corporation (KMC). A copy of the transfer letter is given in **Appendix 1**. Proposed subproject components also include construction of six ESRs. Three of the ESRs will be constructed on KMC land, hence NOC is not required. One ESR will be constructed at Prantik III along with the UGR cum PS - this land has been transferred to KMC from West Bengal Housing Board through Land and Land Reforms Department, Government of West Bengal. The remaining two ESRs will be constructed on government land, of which one belongs to West Bengal State Electricity Transmission Corporation Limited (WBSETCL). KEIIP will obtain 'No Objection Certificate' from the respective government departments before start of civil work. Land details for the UGRs and ESRs are presented in Table 2.

**Table 2: Land Details for Proposed Subproject Components under Package WS 15**

Sl. No.	Zone	ESR	Location Name	Ward	Land requirement (sq m.)	Remarks
1	A + C	ESR A1	Prantik Ph III	143	Not applicable	Existing ESR
2		ESR A2 + UGR & PS	Prantik Ph III	143	8515	Housing Board land
3		ESR A3	North of SSE STP	122	1444	KMC land
4		ESR A4	North of SSE STP	122	1505	KMC land
5		ESR C1	Diamond Park	144	Not applicable	Existing ESR
6		ESR C2	WBSETCL land	144	1521	WBSETCL land
7		ESR C3	22 Bigha	142	2021	Government of West Bengal land
8	B	ESR B1 + UGR & PS	Company Pukur	142	3962	KMC land

13. The subproject package focuses on creating storage reservoirs, both underground and elevated. Booster Pumping station will be constructed along with the UGRs to convey water from UGR to ESRs within the respective zones.

14. It is proposed that there will be 1 UGR and 4 ESRs at Zone A (including one existing ESR at Prantik – III), one UGR, pumping station and one ESR at Zone B (Company Pukur, KMC land) and 3 ESRs at Zone C (including an existing one at Diamond Park) for supplying water to households in the respective wards. Details of UGRs, ESRs and pumping stations are given in Table 3 and 4.

**Table 3: Zone- wise Details of underground reservoir cum pumping stations for WS 15**

Sl. No.	Components	Quantity/ Details
1	Pumping Station – Zone (A + C)  At Prantik Ph III  At Company Pukur	PS - 30 m X 10 m 475 cum/hr, 45m head 7 working + 4 standby  PS – 20 m X 10 m 475 cum/hr, 45m head 2 working + 1 standby
2	Underground Reservoirs- Zone B  At Prantik PhIII  At Company Pukur	66 X 66 m. 4 m. WD 17424 cum  35 X 35 m. 3.5 m WD 4900 cum

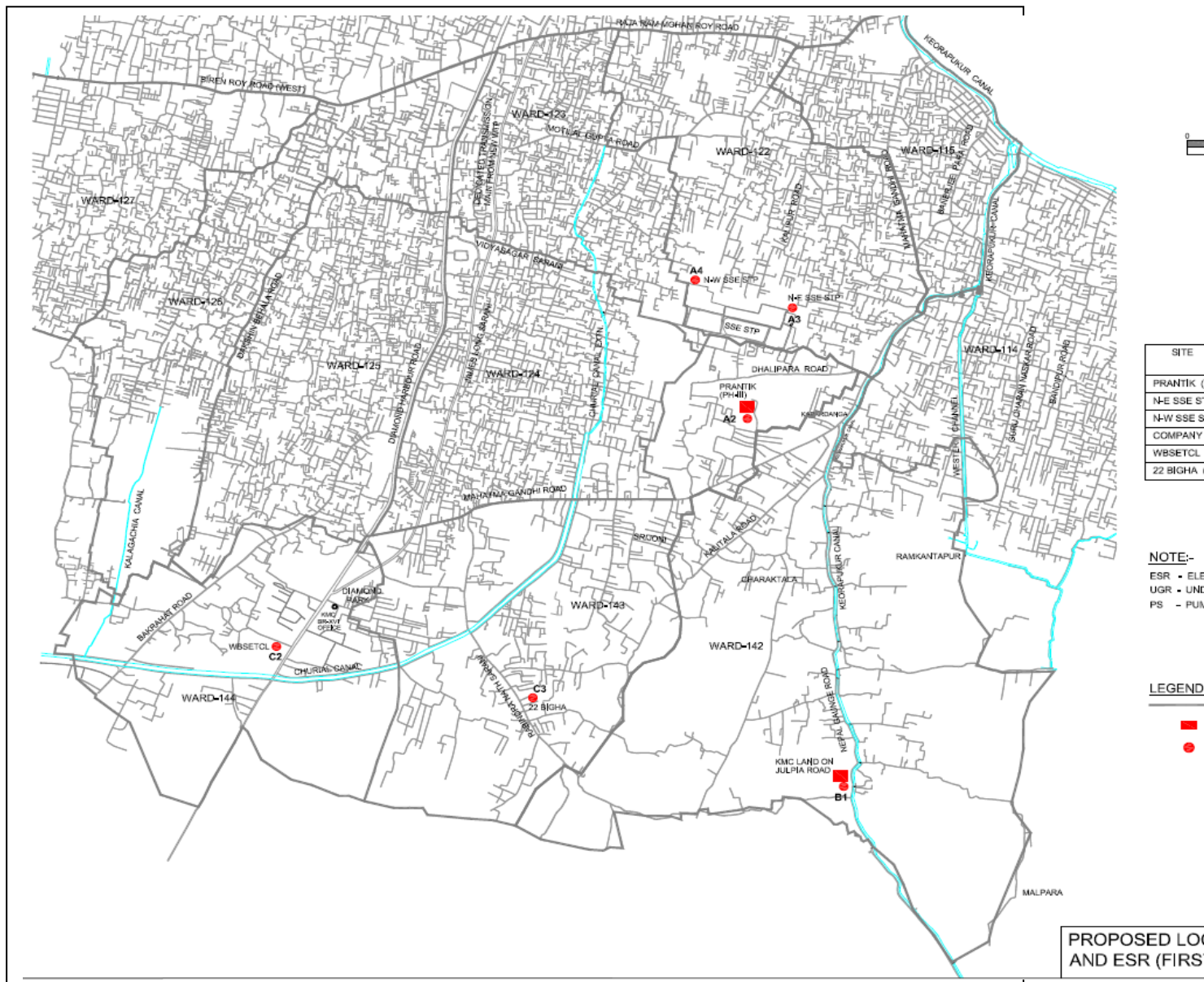
**Table 4 Zone-wise Details of Proposed ESRs**

Sl. No.	ESR Designation	Capacity Proposed (cum)	Water depth (m)	Area (m <sup>2</sup> )	Diameter (m)	Square (m)	Remarks
1	A1	900					Existing
2	A2	2500	3.5	714		26.8	Proposed
3	A3	1750	3.5	500	26		Proposed
4	A4	2500	3.5	714		26.8	Proposed
5	B1	2000	3.5	571	27		Proposed
6	C1	1500					Existing
7	C2	2000	3.5	571	27		Proposed
8	C3	3500	3.5	1000		31.7	Proposed

15. No private land will be required for any of the proposed 2 UGRs and 6 ESRs proposed under the subproject and no structure will be affected due to the civil work undertaken. Lands selected for the UGRs and ESRs are completely vacant and not under any use. Construction of these UGR cum PS and ESRs in the subproject area has been carefully planned to minimize disturbance to local residents. Potential temporary congestion of roads leading to the sites during transportation of material will be avoided by ensuring that the goods/materials are transported in non-peak hours. In case of any potential traffic disruption due to transportation of materials to the sites, traffic diversion and proper traffic planning will be undertaken to minimize potential impact, in consultation with local authorities and the community. No economic impact or income loss is anticipated.

16. Prior notice will be given to the community before start of civil work. No incidents of tree cutting and minimal utility shifting is anticipated as a result of proposed subproject components.

20. The following maps and Google earth map depict the proposed subproject area covering KMC wards 142, 143, 144 and parts of 114, 122, 123 and 124, and the locations of subproject components.





**Figure 3: Google Earth Map Depicting Proposed Subproject Components under TR-2/WS15**



## V. CONCLUSIONS

### A. Summary and Conclusions

17. No significant IR impacts are assessed at identified sites for sub-project components, as all proposed sites are government lands. Temporary disruption of traffic during transportation of materials to the sites will be avoided by undertaking such work at night or non-peak traffic hours, and with proper traffic management planning by contractor, in discussion with community and local authorities. KEIIP will take possession of the land for the UGRs (and PS) and ESRs under the subproject. Ownership of land/sites required for the subproject package will be transferred to KMC

18. A budgetary provision is made for costs likely to be incurred by the PMU for updating this due diligence report (INR 50000), consultation, communication and grievance redress (INR 100000), contingencies (15%, i.e., INR 22500), adding up to INR 172500.

**B. Next Steps**

19. The DDR needs to be updated with the following information:

- (i) Two proposed ESRs, one on land belonging to West Bengal State Electricity Transmission Corporation Limited (WBSETCL) and one on land belonging to Government of West Bengal, will require 'No Objection Certificates' KEIP will obtain 'No Objection Certificate' from the respective government departments before start of civil work. The same is to be added to the updated due diligence report.
- (ii) Due diligence report to be updated upon completion of final detail design by PMU and submitted to ADB for review. ADB approval must be obtained prior to start of construction.



## PHOTOGRAPHS

### Community Consultation at Ward – 122



### Community Consultation at Ward – 143



### Community Consultation at Ward – 144





# Land Transfer Letter from Land and Land Reforms Department, Government of West Bengal for Prantikpally UGR/PS/ESR Site (Ward – 143)



Proposed site for Water Works -WBSETCL(Joka Tramdipt)



Consultation with Br. Engineers & Councillors



Proposed land of Water Works -



22 Bigha (Land & Revenue- Land) - To be handed over)



22 Bigha (Land & Revenue - Land)



Entrance of Dhali para KMC Land



Proposed land of Water Works - Dhalipara, Ward - 122 (Beside Keorapukur STP) - KMC Land



**TRANSECT WALK PHOTOGRAPH OF WATER WORKS WS - 15**

Government Of West Bengal  
Land & Land Reforms Department  
LR-(A III) Branch, Nabanna,  
325, Sarat Chatterjee Road, Howrah-711102

No.2851-GE(M)/2L-243/15

Dated :24.09.2015

From: The Deputy Secretary to the Govt. of West Bengal.  
To : The District Magistrate & Collector, South 24 Parganas,  
P.O.-Alipore, Dist.- South 24 Parganas.

Subject: Proposal for Transfer of 2.97 acres of land at Mouza-Haridevpur, J.L. No.25 under P.S. Thakurpukur(now Haridevpur) in the district of South 24 Parganas in favour of Kolkata Municipal Corporation for construction of headworks for supplying filter water.

In sending herewith a copy of Memo. No. 830-HI/1L-7/2105 dated 24.09.2015 on the above-mentioned subject, the undersigned is directed to say that the Housing Department has relinquished 2.97 acres of land at Haridevpur, Kolkata as per land schedule below, in favour of Land and Land Reforms Department for subsequent transfer to the Kolkata Municipal Corporation for construction of headworks for supplying filter water.

The undersigned is further directed to request him to kindly take over the possession of the said land if and only if the land is found free from encroachment and litigation and bring it to the Collector's Khata No.1 for the said project.

The undersigned is, also, directed to request him to kindly initiate a Long Term Settlement proposal of the subject land in favour of Kolkata Municipal Corporation at a free of cost.

This may kindly be treated as extremely urgent.

**Schedule**

District	P.S.	Mouza	J.L. No	R.S. Plot No.	Area (in Acre)
South 24 Pgs.	Thakurpukur (Now Haridevpur)	Haridevpur	25	1258(P)	0.20
				1259(P)	0.70
				1260	1.21
				1261(P)	0.15
				1331(P)	0.06
				1332	0.21
				1333	0.19
				1334(P)	0.25

Total = 2.97 acres

Sd/- D. Chakraborty  
Deputy Secretary  
to the Govt. of West Bengal

Dated :24.09.2015

No.2851/1(S)-GE(M)

Copy forwarded for information and necessary action to :

1. The Secretary to the Govt. of West Bengal, Housing Department,  
N. S. Buildings, 1, K.S.Roy Road, Kol-700001.
2. The Principal Secretary to the Govt. of West Bengal, M. A. Department,  
Writers Buildings, Kol-700001.
3. The ADM&DL & LRO, South 24 Pgs.,  
B.O.-Alipur, Kolkata-700027.
- ✓ 4. The Municipal Commissioner, Kolkata Municipal Corporation,  
5, S.N. Banerjee Road, Kol-700013.
5. The Guard File of this Department.

② 24.09.15  
Deputy Secretary  
to the Govt. of West Bengal

**Details of land availability and ownership for sites where new facilities proposed (KMC & other than KMC land)**

Sl. No.	Proposed Land location	Proposed Structure	Owner Ship	Land available for Project / Land required for Project (in acre)	Thana No (Mouza with JL No.)	Plot No. (Khasra No)	Khata / Khatian No.	Type / Classification of Land	Rakba (Total area of plot ) [ In acres ]	Whether khatian (land records) available	Status of Map	Status of NOC
1	Company Pukur	1 UGR cum PS & 1 ESR	KMC	0.98	Sajneberia JL No – 33	183 184	19 172 287	Pukurpa r Pukur	1.24 & 1.33	Yes	Yes	Not applicab le (NA)
2	Prantikpally	1 UGR cum PS & 1 ESR	Govt. Land	2.10	Haridevpur  JL No - 25	1258 (P) 1259( P) 1260 1261 (P) 1331 (P) 1332 1333 1334(P)	1	Sali Sali Sali Sali Doba Sali Sali Sali	0.2 0.7 1.21 0.15 0.06 0.21 0.19 0.25	Yes	Yes	Availabl e
3	WBSETCL Campus	1 ESR	Govt. Land	0.38	Joka  JL No - 21	587 588 606 607 611 589 590	Recorded in favour of WBSETCL	Sali Sali Sali Sali Sali Sali Sali	0.08 0.61 0.95 0.8 1.72 0.17 0.31	Yes	Yes	Not received
4	North East of South Suburban East (SSE) - STP	1 ESR	KMC	0.36	Haridevpur  JL No. 25	Haridevpu r 938 939 954	Recorded in favour of KMC	Sali Sali Sali	1.05 0.38 0.85	Yes	Yes	NA
5	North West of South Suburban East (SSE) - STP	1 ESR	KMC	0.37	Haridevpur  JL No. 25	Purba Barisha 1090 1169(P) 1160(P) 1161(P) 1157(P)	Recorded in favour of KMC	Sali Sali Sali Sali Sali	1.04 0.12 0.61 0.35 0.33 0.37		Yes	NA

Sl. No.	Proposed Land location	Proposed Structure	Owner Ship	Land available for Project / Land required for Project (in acre)	Thana No (Mouza with JL No.)	Plot No. (Khasra No)	Khata / Khatian No.	Type / Classification of Land	Rakba (Total area of plot ) [ In acres ]	Whether khatian (land records) available	Status of Map	Status of NOC
						1156(P)						
6	Near 22 Bigha	1 ESR	Govt. land	0.50	Kalua JL No. 22	L.R. - 934	1	Sali	1.05	Yes	Yes	Not received

## **Summary of Community Consultations**

### **A brief report on Community Consultation at Ward No 143 Prantik Abasan PH-III (Community Hall) Mahatma Gandhi Road**

A Community Consultation meeting was conducted on 21<sup>st</sup> December 2015 at above mentioned location for information dissemination and exchange of views related to the upcoming Water Supply project under Package WS-15 to WS-17 of Tranche – II, KEIIP.

The Consultation meeting was organized by the councilor Shri. Indrajit Bhattachariya, Ward No-143. The meeting was conducted in presence of staff of Social Safeguard Cell, KEIIP, including Social Safeguard Specialist, 4 female and 46 male participants (i.e., a total of 50) were present. The meeting continued for 1 hour. Information was exchanged regarding the project work. All female participants comprised housewives. The majority of male participants were businessmen, and the remaining were government or private sector employees and retired persons.

#### **Information shared on following topics:**

- Introduction to KEIIP as an initiative of Kolkata Municipal Corporation with the financial support of Asian Development Bank for arresting degradation of the environment of Kolkata and adjoining areas.
- Need and scope of work of KEIIP.
- KMC is planning to undertake a Water Supply project in Joka and adjoining areas which are now at the planning stage. It aims to address the issue of scarcity of drinking water.
- Water supply project to be taken up as a part of the entire project at Ward No 143 under package Ws-15 to WS-17 of Tranche – II.
- 1 ESR (Overhead Tank), 1 PS (Pumping Station), 1 UGR (Underground Reservoir) has been proposed in the plan in this ward.
- Entire Plan and design has been prepared to supply house to house for 24 hrs. in a day and cover the 100% area of the ward after completion of entire network.
- Availability of land in the Prantik Abasan.
- There will be no adverse impact on structures, livelihood, transportation and other utilities like electricity, water supply etc.
- Importance of public participation and public awareness Long-term benefits of the project.
- Phased implementation of the project.
- S&D work is also in the proposed plan.
- Impact of the project on environment, reducing the chance of water contamination Etc.
- Tentative date for commencement and commissioning of the project.
- Necessary arrangements will be done by the project authority before commencing the work, like public information, shifting of utilities etc.
- Cooperation is needed on behalf of the local residents during project implementation phase.

#### **Issues raised by participants:**

- Commencement of project work and its duration.
- Water logging during monsoon is a big challenge for the local people.

- Quality of water being supplied at present by Public Health Engineering Department (PHE) is not up to the mark for drinking (high in iron content and salinity).
- Quantity of water supplied is inadequate to cater to the present demand.
- Residents of Prantik Abasan (a housing complex) expressed concern over the quality of water supplied to them by PHE. They asked whether there is any provision in the project to supply treated water to their complex.
- Need for replacement of present PVC pipes, which are in poor condition.
- Policy of house connection in case of joint property in Kolkata Municipal Corporation (erstwhile Joka Gram Panchayat) records.
- Policy regarding domestic connection fee.
- Network coverage in remote parts of the ward.



# Community Consultation

## Pkg-WS-15

### Participants List

Name of place (Ward No) 143, Community Hall,  
Prantik Housing, Ph-III  
M.G. Road

Date 21/12/2015

SLNo	Name of Participants	Contact No, if any	Signature
1	SYAMAPADA JANA	9433614241	
2	DR BHABANI KUNHA GHOSH	9883185132	
3	MADHU SUDAN GARAI	9681354755	
4	R Raba Parf.	7831640750	
5	Samsul Satri	9088264188	
6	Bijam Mandal	9883174810	
7	Malay Baga	9433420576	
8	Doddul Mondal	9831667158	
9	Bachan Mondal	907589309	
10	Kholkan Dharra	9163035038	

1 of 5



## Participants List

Name of place (Ward No) 143


Date 21/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
11	Sulekh Karmakar	7890884166	S.K. Karmakar
12	Dilip Kumar Biswas	943362146	D. Biswas
13	Swapna Chatterjee	94326 74008	S. Chatterjee
14	Swapna Karmakar Chatterjee	94336 25840	S.K. Chatterjee
15	Jyoti Bandyopadhyay	9748463503	J. Bandyopadhyay
16	Subhash Bagh	9477350007	S. Bagh
17	Haran Ch Majumdar	9163635771	H. Majumdar
18	Niladri Pal Biswas	9851439842	N. Biswas
19	Manatosh Dey	9331195440	M. Dey
20	Kakuli Chakrabarti	8013828153	Kakuli Chakrabarti

## Participants List

Name of place (Ward No) 143

Date 21/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
21	Sukhdev		
22	SANKAR ADHIKAR- Y	8282859494	
23	Rabin Mondal.	983722575	
24	মিঃ মৌজা	8983116145	
25	মিঃ মৌজা	8981508810	
26	মাসুম সকল	9903719 594	
27	Kamal Mondal	7748556399	
28	মিঃ মৌজা	9331683744	
29	মোঃ মৌজা	8478082455	
30	মাসুম মৌজা	81002682 66	

3 of 5

## Participants List

Name of place (Ward No)



Date

Sl.No	Name of Participants	Contact No, if any	Signature
31	Balulal Mishra	9748639969	
32	Biswanath	8017472526	
33	Nimai Bara	9748447862	
34	Ajgar Ali Shah	8890516011	
35	Jebasish Bara	9836636099	
36	Asit Mondal	9038569628	
37	Habul Dhal	8981173249	
38	Sanjoy Roy	9903661567	
39	3/2/1648 Bara	8013581349	
40	Bikash Kumar Bara	8820110919	

## Participants List

Name of place (Ward No) 143

Date 21/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
41	Jagantha Paul	9051832686	
42	பலகி சிவசுந்தரம்	9903396138	பலகி சிவசுந்தரம்
43	அரசலாதி சிவசுந்தரம்	7278426824	அரசலாதி சிவசுந்தரம்
44	Pranabchakraborty	8017455738	Pranabchakraborty
45	LAKSHMI DAS	9831091277	Lanka Das
46	Mrs G. Ramesh	24383846	 21/12/15
47	Nirmala Mondal		Nirmala Mondal
48	விஜயா	9748705588	விஜயா
49	Romen mouzel	9007123791	Romen mouzel
50	Biswajit Mondal	7685950914	

5 of 5

### **A brief report on Community Consultation at Ward No 144 Office of Borough XVI, Diamond Park**

A community consultation meeting was conducted on 19<sup>th</sup> December 2015 at the above-mentioned location for information dissemination and seeking of stakeholder feedback and views on the proposed water supply project under Packages WS-15 to WS-17 of Tranche – II, KEIIP.

The meeting was organized by the councilor, Ward No-144, Smt. Shefali Pramanik. The meeting was conducted in the presence of staff of Social Safeguard Cell, KEIIP. Participants included 8 female and 54 male community members (total 62 participants). The meeting continued for 1 hour. Information was exchanged regarding the proposed project work. Among the female participants, all were housewives. The male participants were mainly businessmen.

#### **Information shared on following topics:**

- Introduction to KEIIP as an initiative of Kolkata Municipal Corporation with the financial support of Asian Development Bank for arresting the degradation of environment of Kolkata and adjoining areas.
- Need and scope of work of KEIIP.
- KMC is planning to undertake a water supply subproject in Joka and adjoining areas which are now at the planning stage. By virtue of this project the problem of scarcity of drinking water in the said areas, will be addressed.
- Water supply subproject will be taken up at Ward No 144 under packages WS-15 to WS-17 of Tranche – II.
- Information on facilities proposed in the ward was shared.
- It was explained that the entire plan and design has been prepared to supply water house to house 24x7 and cover 100% area of the ward, on completion of the network.
- Availability of land in WBESETCL Campus.
- No adverse impact on private land, structures, livelihood, transportation and other utilities like electricity, water supply etc. is anticipated as a result of the proposed subproject package (TR-2 WS 15)
- Importance of public participation and public awareness.
- Long term benefits of the project.
- Phase wise implementation of the project.
- S&D work is also in the proposed plan.
- Impact of the project on environment, reducing the chance of water contamination Etc.
- Tentative date for commencement and commissioning of the project.
- Necessary arrangements will be made by the project authority before works commencement, like public information, shifting of utilities etc.
- Cooperation of local residents during project implementation sought.

#### **Issues raised by participants:**

- Commencement of project work and its duration.
- Water logging during monsoon is a big challenge for the local people.
- Quality of water being supplied at present by Public Health Engineering Department (PHE) is not up to the mark for drinking (high in iron content and salinity).
- Quantity of water supplied is inadequate to cater to the present demand.

- Need for replacement of present PVC pipes, which are in poor condition.
- Policy of house connection in case of joint property in Kolkata Municipal Corporation (erstwhile Joka Gram Panchayat) records.
- Policy regarding domestic connection fee.
- Network coverage in remote part of the ward.



# Community Consultation Pkg-W-16

## Participants List

Name of place (Ward No) 144, BB-XVI Office

Date 19.12.2015

Sl.No	Name of Participants	Contact No, if any	Signature
1	অক্ষিত কুমার	7686839022	
2	Apurba Kumar	9903104089	Apurba
3	SAROWSANTALI	8013058402	SARALI
4	অরুণ সেন	92302977	
5	Rikta Barui	9836723016	R. Barui
6	Juthika Mondol	9836371011	J. Mondol
7	Shanta Chakrabarty	9836800930	Shanta
8	Monishi Hazra	908881427	Monishi
9	Pallabi Pramanik	9804313152	P. Pramanik
10	Dulap Das	8420252086	D. Das

1 of 7

Shravanika (Satri)

Shefali Pramanik (Patra)

Councillor, Ward No. - 144

The Kolkata Municipal Corporation

19/12/15

## Participants List

Name of place (Ward No) 144, Office of BR-XV

Date 19.12.2015

Sl.No	Name of Participants	Contact No, if any	Signature
11.	Goutam Mondal	9903519108	
12.	st Rishi	9038125646	
13.	Hari Mistry	9038213914	H.M
14.	Pmodesh Ahluja	8961634886	Pmodesh
15.	Radhucima Patra	8296596149	
16.	Sohita Dandekar	9088842376	
17.	Sabnam Khater	8921236355	SKhater
18.	Parkin Laskar	8013492081	
19.	Bijay Das	900706513	Bijay Das
20.	मडिउ सुनु	8443827803	-

2 of 7

Shefali Pramanik (Patra) 19/12/15  
 Shefali Pramanik (Patra)  
 Councillor, Ward No. - 144  
 The Kolkata Municipal Corporation



## Participants List

Name of place (Ward No) 144, office of B2-XVI

Date 19.12.15

Sl.No	Name of Participants	Contact No, if any	Signature
21.	ଅକ୍ଷୟ ମହାପାତ୍ର		
22.	ଶ୍ରୀମତୀ ଅମିତା	8583972937	
23.	Prabir Mondal	λ	P.M
24.	Suman Patra	9746883759	Stw
25.	Swapankaya	9831744612	
26.	Blakta Mondal.	9831630259	Mondal.
27.	Tanmoy Debn	8017494700	B
28.	Rajesh Kumar	16	cat
29.	Gautam Mondal	9836859047	
30.	Rakesh Babbar	8017926324	

307  
 Shefali Pramanik (Patra)  
 Councilor, Ward No. - 144  
 The Kolkata Municipal Corporation  
 19/12/15

## Participants List

Name of place (Ward No) 144, Office of B2-XVI

Date 19.12.15

Sl.No	Name of Participants	Contact No, if any	Signature
31.	Pijush Mondal.	no	Pijush Mondal.
32.	Subir Mondal	9163722870	Subir Mondal
33.	Mehabub Alam Falls	9883409125	Mehabub Alam falls
34.	Sujay Biswas	9836145874	Sujay Biswas
35.	Suneta Das	9038261346	Suneta Das
36.	Prasenjit Bhat	8981306232	Prasenjit Bhat
37.	Md Salim	9088490920	Md Salim
38.	Summan Das	861432349	Summan Das
39.	Rakesh Mondal	8981888549	Rakesh Mondal
40.	Prasenjit Bhat	X	Prasenjit Bhat

4 of 7

S. Pramanik (Patra)

Shefali Pramanik (Patra)

Councillor, Ward No. - 144

The Kolkata Municipal Corporation

19/12/15

## Participants List

Name of place (Ward No) 144, Office of B2-XVI

Date 19.12.15

Sl.No	Name of Participants	Contact No, if any	Signature
41	SK RAJU	9038287558	SK RAJU
42	Sundam Ram		Sundam Ram
43	Soni Gurnami	9339100737	S. Gurnami
44	Sunil Kumar	9147248156	
45	Sonali Ram	X	
46	Rajesh Kumar	9038126016	Rajesh
47	Minda Mondal	9681398184	Minda
48	Debashis Mondal	8697901080	D. Mondal
49	PRABIR PATRA	9331615566	Prabir Patra
50	BIJAY MONDAL	8584970179	Bijoy mondal

5 Dec 15

Sharmistha (Soni) 19/12/15  
 Shafali Pramanik (Patra)  
 Councillor, Ward No. - 144  
 The Kolkata Municipal Corporation

## Participants List

Name of place (Ward No) 144, Office of B2-XVI

Date 19.12.15

Sl.No	Name of Participants	Contact No, if any	Signature
51/	213 on	x	
52/	Dakrath Batang	9674920165	D. Batang
53/	Promest Batang	x	P. Batang
54/	Abdul Samim	x	x
55/	Indira Adhikari	8420904890	
56/	Sumanpramanik	990346221	Suman
57.	Arbinda Bhowmik	9879921845	Arbind
58/	Tijun Pramanik	9831244438	
59/	Kurhan Chakraborty	9433427332	
60.	Goeraga Batang	9681244455	

6 of 7

Sumanpramanik (Patra)  
 Shefali Pramanik (Patra)  
 Councillor, Ward No. - 144  
 The Kalkata Municipal Corporation

19/12/15

## Participants List

Name of place (Ward No) 144, Office of BS - XV,

Date 19.12.15

Sl.No	Name of Participants	Contact No, if any	Signature
61	Bidhan Adhikary	9837349553	
62.	Ranjan Gorum	8013296333	
	 Shefali Pramanik (Patra) Councillor, Ward No. - 144 The Kolkata Municipal Corporation		
			19/12/15

F. A. F.



**A brief report on Community Consultation at Ward No.122  
KMC Ward Office (41 Pally, Haridevpore)**

A community consultation meeting was conducted on 16<sup>th</sup> December 2015 at the above-mentioned location for information dissemination and exchange of views on the upcoming Water Supply project under Package WS-15 of Tranche II, KEIIP.

The consultation was organized by the councilor Smt. Soma Chkarabory, Ward No-122. The meeting was conducted in the presence of Staffs of Social Safeguard Cell, KEIIP, Social Safeguard Specialist of Social Safeguard Cell and Engineer (DSC/KEIIP), 36 Female and 13 male participants (total 49 persons) were present at the meeting, which lasted an hour. Information on the proposed project was disseminated.

All female participants were housewives. Male participants were mostly businessmen, while some were service holders and retired persons.

**Information shared on following topics:**

- Introduction to KEIIP as an initiative of Kolkata Municipal Corporation, financed by Asian Development Bank to arrest environmental degradation in Kolkata and its adjoining areas.
- Need and scope of work of KEIIP.
- KMC is planning to undertake a water supply project in Joka and adjoining areas under KEIIP, which is now at the planning stage. The project seeks to address the problem of scarcity of drinking water in these areas.
- Water supply subproject will cover Ward No 122 under package WS-15 of Tranche II of the ADB loan.
- No adverse impact on structures, livelihood, transportation and other utilities like electricity, water supply etc. is anticipated
- Importance of public participation and public awareness.
- Long term benefits of the project.
- Phased implementation of the project.
- S&D work is also proposed to be undertaken.
- Impact of the project on the environment, reduced chance of water contamination etc.
- Tentative date of project commencement.
- Necessary arrangements will be made by the project authority before commencement of work, like public information, shifting of utilities etc.
- Need for cooperation of local residents during project implementation.

**Issues raised by participants:**

- Commencement of project work and its duration.
- Water logging during monsoon is a big challenge for the local people.
- Possibility of damage to existing water supply pipes during implementation of sewerage and drainage works
- Scarcity of drinking water needs to be addressed.
- Public awareness will be key to ensure that no garbage is thrown into “catch pits” of drains, as they block the main drains.

# Community Consultation

PKg - WS-15

## Participants List

Name of place (Ward No) 122 K.M.C. ward office  
M.G. Road. Kol - 41

Date 16/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
1	Dobi Sir	7278119948	Dobi Sir
2	Kalpna Das	9883163476	K Das
3	ଅମିତାବିହାରୀ		ଅମିତାବିହାରୀ
4	Sabina bibi	9163540216	S. bibi
5	Ayesha Gayen		Ayesha gayen
6	Lakshmi Bibi	8961345162	Bibi
7	ସମିତା ସିଂହ	8981468445	ସମିତା ସିଂହ
8	Gowri Roy	8981172055	Gowri Roy
9	Aklima Gayen		
10	ଅମିତାବିହାରୀ		ଅମିତାବିହାରୀ

1 of 5

Soma Chakraborty  
16/12/15

**SOMA CHAKRABORTY**  
Councillor Ward No - 122  
Kolkata Municipal Corporation



## Participants List

Name of place (Ward No) 122

Date 16/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
11	Rakhi Das	974847847	<u>RDm</u>
12	Lata Prasad	983008544	L. Prasad.
13	Sukjan Bibi		সুকজান বিবি
14	Rinki Saha.	9433364290	Rinki Saha.
15	Sushamadey	94333588	14. Sushamadey
16	Gita Ghosh		গীতা গোস্বামী
17	Mousumi Pal		Mousumi Paul.
18	Mumun Ghosh.	943252698	Mumun.
19	Priti Ghosh	8697721482	P. Ghosh
20	SK Sahida	9903685527	S. Sahida

2 of 5

Soma Chakraborty  
16.12.15  
SOMA CHAKRABORTY  
Councillor Ward No - 122  
Kolkata Municipal Corporation



## Participants List

Name of place (Ward No)

Date

Sl.No	Name of Participants	Contact No, if any	Signature
21	Kalpna Shaha	9831766126	Kalpna Saha
22	Kalpna Dutta	9836029118	Kalpna Dutta
23	Rama Das	8697910452	Rama Das
24	Mona Saha	8820005514	Mona Saha
25	Bulbuli Das	9874696297	Bulbuli Das
26	Rajiyara Banu	8981184744	R Banu
27	Mian	9903114598	Sadaf
28	Dipika Das	9830863257	D. Das
29	MUKUL SARKAR	8479938933	M. SARKAR
30	<del>9903146755</del> K. Ghani Ganguly	9903146755	K. Ganguly

Soma Chakraborty  
16.12.15

30/5

SOMA CHAKRABORTY  
Councillor Ward No - 122  
Kolkata Municipal Corporation



## Participants List

Name of place (Ward No) 122

Date 16/12/15

Sl.No	Name of Participants	Contact No, if any	Signature
31	Pinku Arch	03224028788	P. Arch
32	GOURI DAS		गुरी दास
33	SIMA SIL		सीमा सील
34	PARUL BHATTACHARYA		पारुल भट्टाचार्य
35	Sangita Kundu	9903782560	Sangita Kundu
36	DEBASHIS GANGULY	9831812022	Debashis Ganguly
37	Gowon Ganguly	9748250171	Gowon Ganguly
38	शशाङ्क गुप्ता	9433221115	Shashank Gupta
39	Snapna Mondal	8282857594	S. Mondal
40	Jhuma Naskar	9051920836	J. Naskar

4 of 5

Soma Chakraborty  
16.12.15  
SOMA CHAKRABORTY  
Councillor Ward No - 122  
Kolkata Municipal Corporation



## Participants List

Name of place (Ward No) 122

Date 16/12/2015

Sl.No	Name of Participants	Contact No, if any	Signature
41	Ranjit Kumary	9163916902	RKary
42	জামান আলী	8961450971	জামান আলী
43	Bappa Ghosh	9804768273	Bhaskar
44	Harish Singh	9748046982	Harish Singh
45	ASHOK SARKAR	9830137611	Ashok Sarkar
46	Sojoy Pyne	8420156076	Pyne
47	অমল রায়		A. Roy
48	ব্রজা শর্মা	9831471150	ব্রজা শর্মা
49	Dipankar Shaw	9007964110	D
50			

5 of 5

Soma Chakraborty  
16. 12. 15  
SOMA CHAKRABORTY  
Councilor Ward No - 122  
Kolkata Municipal Corporation