



Social Monitoring Report

Project Number: 43253-027
Semestral Report: February 2022 – July 2022
January 2023

India: Karnataka Integrated Urban Water Management Investment Program-Tranche 2

Prepared by Karnataka Urban Infrastructure Development and Finance Corporation Limited for the Asian Development Bank

This social monitoring 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.

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Asian Development Bank

Project Number: 43253-027
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SEMI ANNUAL SOCIAL SAFEGUARD MONITORING REPORT (SSMR)

Reporting Period: February 2022 to July 2022

India: Karnataka Integrated Urban Water Management Investment Program (Tranche 2)

Prepared By Project Management Unit- Karnataka Urban Infrastructure Development and Finance Corporation, Govt of Karnataka for the Asian Development Bank

This Social Safeguard Monitoring Report is a document of the borrower. The views expressed herein do not necessarily represent those of ADBs Board of Directors, management or staff and may be preliminary in nature

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ABBREVIATIONS

ADB	:	Asian Development Bank
APs	:	Affected Persons
BPL	:	Below Poverty Line
CC	:	City Corporation
CMC	:	City Municipal Council
DDR	:	Due Diligence Report
EA	:	Executing Agency
Gol	:	Government of India
GoK	:	Government of Karnataka
GRC	:	Grievances Redressal Committee
KUIDFC	:	Karnataka Urban Infrastructure Development and Finance Corporation
KIUWMIP	:	Karnataka Integrated Urban Water Management Investment Program
LPCD	:	Liters Per Capita per Day
M/m.	:	Meter
NGO	:	Non-Government Organization
O&M	:	Operations and Maintenance
PMU	:	Program Management Unit
RoW	:	Right of Way
RP	:	Resettlement Plan
STP	:	Sewage Treatment Plant
ULB	:	Urban Local Body
WTP	:	Water Treatment Plant
IWRM	:	Integrated Water Resource Management
UWSS	:	Urban Water Supply and Sewerage Sector
KUDCEMP	:	Karnataka Urban Devt& Coastal Environment Management
UGD	:	Under Ground Drainage
OHT	:	Over Head Tank
HDPE	:	High Density Polyethylene
DPR	:	Detailed Project Report
PAP	:	Project Affected Person
RPMU	:	Regional Project Management Unit
DBO	:	Design Build Operate
MBR	:	Master Balance Reservoir
HSC	:	House Service Connection
SCADA	:	Supervisory Control and Data Acquisition
IPS	:	Ion Polarization System
NMPT	:	New Mangalore Port Trust
GLSR	:	Ground Level Service Reservoir
MLD	:	Million Liters per Day
CTO	:	Commercial Tax Officer
IGA	:	Income Generation Activity
FGD	:	Focus Group Discussion
PIU	:	Project Implementation Unit
MCC	:	Mangalore City Corporation
CMC	:	City Municipal Council
PMDSC	:	Program Management Design and Supervision Consultant
GRM	:	Grievance Redressal Management

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1. PROJECT DESCRIPTION

Karnataka is one of the most water stressed states in India with approximately 54% of the geographical area declared as drought prone.¹ADB is assisting the state to improve water resources management in selected urban areas of the Upper Tungabhadra sub-basin.

The Karnataka Integrated Urban Water Management Investment Program (KIUWMIP, the Program) was initiated by the Asian Development Bank (ADB) with the Government of India (GoI) on Dec 30th 2014 to improve water resource management in urban areas in a holistic and sustainable manner consistent with the principles of Integrated Water Resources Management (IWRM). Investment support is being provided to modernize and expand urban water supply and sanitation (UWSS), and strengthen institutions to improve water use efficiency, productivity, and sustainability. Assistance under the first phase was used to expand and upgrade water supply and sanitation infrastructure in three towns - Byadagi, Davanagere, and Harihara. The second phase is focused on the major urban centers of coastal Karnataka namely Mangalore and Puttur of Dakshina Kannada District, and Udupi and Kundapura in Udupi District.

As part of Tranche 2 of KIUWMIP, five subprojects have been identified- the expansion of urban water supply in Mangalore, Puttur, Udupi and Kundapura and the expansion of urban sanitation infrastructure in Mangalore and strengthening of relevant institutions to make them efficient, accountable and responsive. Details of these subprojects and the progress made (physical) between August 2021 and January 2022 are listed below:

2. Social safeguard:

Scope of the project:

The water supply project system was implemented in 2008 under the Karnataka Urban Development and Coastal Environmental Management project (KUDCEMP). To optimally utilize the assets created under KUDCEMP, the Asian Development bank assisted Karnataka Integrated Urban Water Management and Investment program (KIUWMIP) seeks to improve the urban water supply in all 4 towns i.e., Mangalore, Udupi, Puttur and Kundapura under Tranche -2.

3. Status of Land acquisition:

3.1 MANGALORE SEWERAGE- 02MNG02

Preliminary surveys were conducted between 2016 and 2019 along the alignment of the sub project to identify persons that could be affected by the project.

The surveys confirmed that the pumping main alignment is along the existing right-of-way (ROW), and that there is no land acquisition during the reporting period. The pipeline for the Mangalore UGD works is passing through a private property in Kudroli (Bharat Beedi). The owners of the property have given permission for the pipeline to pass through their site. A Third-Party Report is completed on 10.3.2020. Third party certification of voluntary land donation by Bharath Beedi at Handathpalli was done on 10.03.2020 and the document has been appended in SMR period from Aug 2020 to Jan 2021. A transect walk was conducted between 20th Nov and 10th Dec 2016 and surveys were conducted from Nov 5-21, 2018 and June 4, 2019 along the Kandathpalli wet well to Kudroli (wet well 4 to 3), Kudroli wet well to Mullakadu - Kavoor STP (wet well 3 to Mullakadu STP), Urva market - Ashok Nagar Road junction, and (iv) the Mulihithlu road areas.

A survey in Nov 2019 indicated that a total of 68 persons could be affected through temporary income loss by the subproject. In line with ADB and GOI policy, impact will be minimized through the implementation of traffic management plans and simple mitigation measures such as provision of access planks and barricading for safety. A resurvey and public consultation were conducted in Feb 2020 and indicated that the 109 persons may possibly be affected. The survey results are reconfirmed through further field investigations and are presented a separate RP document. In 2019 survey, 68 business shops were identified, in 2020 survey was done again, then total 109 business shops were identified including 68 shops, due to the fact that while laying of pipe line, left side of the road alignment were found that have more utilities. Hence, pipe line were laid right side alignment of the road, then only 51 business shops were affected and paid compensation to all 51 shops owner on 03.03.2020 and 05.03.2020. It will be reported in the updated Resettlement Plan for the subproject.

3.2 MANGALORE WATER SUPPLY 02MNG01

- (a) **NekkilaguddeOHT: (10 LL) 0.17 Cents** Private Land, this sub project has been awarded in Dec 2019. The required land 0.17 cents have been Purchase through Direct Negotiation settlement done on January 202. Land cost Rs. 1,10,14,264 paid to the Land owner and

- third-party validation report related to the site purchased at Nekkilagudde has been reported previous SMR period Feb-2021-Aug-2021. 50% civil works completed.
- (b) **Holyhill, Jayanagara OHT:** (10 LL) 0.14 Cents Private Land, Govt. has approved final notification under section 19(1) of LAQ act 2013 on 30.09.2020. Further LAQ process completed, the payment Rs :1,17,18,559 has deposited to the Honorable court because of land ownership disputes.
- (c) **Bajal near JM road (Gowugudde) OHT:** (20 LL) 0.42.5 Cents Private Land, Govt. has approved final notification under section 19(1) of LAQ act 2013 on 30.09.2020. Further LAQ process completed and Payment Rs. 1,81,68,793 has been made to the land owner, the land document transfer to ULB. 60 % civil works completed
- (d) **Kodical GLSR cum OHT :** (20+20 LL) 0.35 Cents, Private Land , Govt. has approved final notification under section 19(1) of Land Acquisition Act 2013 on 30.09.2020. Land Acquisition process completed. The payment Rs. 4,47,72,328/- has been made to land owner. The third-party report under process the report will be submitted upcoming SMR period. 60 % civil works completed.
- (e) **Kana OHT :** (15 LL) 0.29 Cents, Private Land, Purchase through direct Negotiation settlement done on January 2021, Payment Rs. 1,64,87,478/- has been made to the Land owner the documents transferred to ULB. The third-party validation report under process the report will be submitted upcoming SMR. 50 % civil works completed.
- (f) **Krishanapura OHT:** (10 LL) OHT land-Govt land has been resolved after the interventions of the ULB member and commissioner of Mangalore city corporation, the work has been started on 23.09.2021. No IR Impact. 60% civil works completed.
- (g) **Udaya Nagara OHT:** (6 LL) Govt Land no IR Impact. 80% civil works completed and land documents available with ULB and documents presented in earlier SMR report.
- (h) **Kodipady: OHT:** (4 LL) Govt Land. No IR Impact. 90% Civil works completed and land documents available with ULB and documents presented in earlier report.
- (i) **Nandigudda Ground OHT:** (18 LL) Govt Land. No IR Impact. 90% Civil works completed and land documents available with ULB and documents presented in SMR earlier report.
- (j) **Nehru maidan OHT:** (20 LL) Govt Land. No IR Impact. 20% civil works completed and land documents available with ULB and documents presented in earlier report.
- (k) **Amrutha Nagara, Thiruvail OHT:** (7.5 LL) Govt Land. No IR Impact. 90% civil works completed and land documents available with ULB and land documents presented in earlier report.

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- (l) **ShaktinagraOHT:** (10 LL) Govt Land. No IR Impact. 90% Civil works completed and land documents available with ULB and documents presented in earlier SMRreport.
 - (m) **Maryhill OHT:** (20 LL) Govt Land. No IR Impact. 45% civil works completed and land documents available with ULB and documents presented in previous SMR report.
 - (n) **Morgan's GateOHT:** (25 LL) Govt Land. No IR Impact. 80% Civil works completed and land documents available with ULB and documents presented in earlier report.
 - (o) **NMPT (Panambur) GLSR cum OHT:** (15+15 LL) Govt Land. No IR Impact. Land belongs to New Mangalore Port Trust (NMPT) which is under GOI and proposal has been sent to NMPT which is under process extent of 1.00 acre. The status will be updated in the upcoming SMR report.
 - (p) **Valencia CemeteryOHT:** (15 LL) Govt Land. No IR Impact. 85% Civil works completed and land documents available with ULB and documents presented in earlier report.
 - (q) **KunjathbailOHT:**(10 LL) Govt Land. No IR Impact. 80% Civil works completed and land documents available with ULB and documents presented in earlier SMRreport.
 - (r) **SanthoshNagara, PachanadyOHT:** (09 LL) Govt Land. No IR Impact. 90% Civil works completed and land documents available with ULB and documents presented in earlier report.
 - (s) **Near NITK (existing tank premises) OHT:** (05 LL) Govt Land. No IR Impact. 90% Civil works completed and landdocuments available with ULB and documents presented in earlier report.
 - (t) **Bondel (Marakada) GLSR: (10 LL)** Govt Land. No IR Impact. 90% Civil works completed and land documents available with ULB and documents presented in earlier report.
 - (u) **Near Officers Club, Hathill GLSR:**(10 LL) Govt Land. No IR Impact. 75% Civil works completed and land documents available with ULB and documents presented in earlier SMR report.
 - (v) **Bala GLSR: (15 LL)** Govt Land. No IR Impact. 80% Civil works completed and land documents available with ULB and documents presented in earlier SMR report.
 - (w) **Filter house:** (Capacity of 80 MLD) Govt land No IR Impact work taken up under AMRUTH Scheme, 84% civil works completed and required land is available at existing WTP premises.
 - (x) **Back wash Treatment Plant:** (Capacity of 160 MLD) Govt land. No IR Impact. Work taken up under AMRUTH Scheme, 88% civil works completed and required land is available at existing WTP premises.

3.3 PUTTUR WATER SUPPLY 02PTR01

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- (a) **Water Supply Network:** Site verification was conducted between 1st February to 30th March 2016 and again in October 2017 along the project alignment. The water supply network is aligned along 158.47 as per site condition (142.66 km as per DPR) of the ROW of city roads. Diameters of the pipelines vary from 75 mm to 250 mm HDPE pipes along ROW of 3-5 meters. The width of the road cutting will be restricted to 0.6 meters along the center of the roads and will not affect local residents and businesses. The surveys indicate that there is no land acquisition or temporary impacts along the water distribution alignment.
- (b) **Bulk Water Supply.** The bulk water alignment stretches across two sections from the jack well to the WTP. 400 mm dia, DI K9 class pipes laid along 1.714 km of the Uppinangadi- Puttur road, a major district road (ROW > 5 m) - the road is mainly a connector with scattered households at a distance from the road. The next section is from the WTP at 34 Nekkiladvillages.
- (c) **Ground Level Service Reservoir.** Earlier, a vacant site has been purchased from the Karnataka Housing Board (KHB) for the construction of a 24 lakh liters Ground Level Service Reservoir. As per the survey conducted in Oct 2017, the land is vacant and unused. The Karnataka Housing Board (GOK) site, recently, had geological issues. Now, the location of Ground Level Service Reservoir has changed to Seetigudda.

The Ground Level Service Reservoir site has been purchased through direct negotiation at Seetigudda extent of 1.17 acres and 1.82 acres donated by the land owners (No of Private Land Owners: 02) The land has been purchased with negotiation from the land owner. The purchase is not anticipated to cause loss of any structures or crops/ trees or have any involuntary resettlement impacts and land documents were transfer to Urban Local Body, thirty party certification validations report under process the report will be submitted forth coming SMR. RP to be updated

Seetigudda along the Uppinangadi- Puttur road up to the Urandy junction (a major district road) and the State Highway from the Bolwar junction to Seetigudda. The ROW of these roads is more than 5 meters and the roads do not pass through business or busy areas. Full closure of roads is not envisaged, and it will be possible to maintain access to shops and businesses. Disruptions to livelihood are not anticipated. No land acquisition or temporary impacts are expected along this alignment.

The bulk water component also includes the construction of a WTP, 6 Elevated Level Surface Reservoirs and 2 Ground Level Service Reservoir's (Part-1, 12 LL and Part-2, 12 LL, total 24 LL). A total of 1.82 acres of land is required for these properties. All sites are government/ ULB owned, vacant and unused. Construction of sub components will not affect any people. The DDR (due diligence report) presents self-certification of land ownership of the six proposed OHTs by the ULB. Copies of land ownership/transfer records including OHT sites are available with the ULB.

3.4 UDUPI WATER SUPPLY 02UDP01

A joint site visit was carried out by the ULB engineers, resettlement specialist and design engineer of the consultants' team from the 1 April 2016 to 30 May 2016 along alignment. The site verification indicates that all components of the water supply sub project are either located on vacant government land or along the existing right of way (ROW) of the city roads. All seven of the OHT sites are owned by the ULB, are vacant, unused and available for construction. There are no social impacts associated with the sites. A total of seven hawkers and vendors were identified during the transect walk on 9 August 2017 as temporarily affected during the project. However, with a change in alignment in the updated DPR, four vendors along Lombard Road are no longer affected. There may be a possibility of three vendors affected along Poornapragna Road. Details on the possibly affected persons are presented in the Resettlement Plan.

A site inspection was conducted along the alignment of the associated projects (AMRUT and State) on 9 October 2017 to verify that the alignment would not adversely affect villages either temporarily or permanently. The visit verified that villages do not lie along the alignment (which follows the road) and for the settlements along the road; there will be no impacts to pedestrians, businesses or employees.

3.5 KUNDAPURA WATER SUPPLY 02KDP01

In order to identify the potential social impacts of the project, a joint field visit was carried out by the urban local body (ULB) engineers, a resettlement specialist and the design engineer of the consultant team from the 1st April 2016 to 30th May 2016 to all sites and alignments. The site visit indicates that all components of the water supply sub project are either located on vacant government land or along the existing right-of-way (ROW) of public roads. No involuntary land acquisition is required.

Site visits to the three affected persons and potential training institutes were made in Sept 2019 and Dec 2019. The Affected Persons are non-title holders and the land belongs to Kundapura ULB. Compensation was paid to all the Affected Persons. Quotations have been received from the training institutes for skill development training to the PAPs. These quotations have been submitted to the Executive Engineer PIU Kundapura to release fees in November 2019. The skill development of the 3 PAPs is in final stages of approval. We have approached the affected persons in the place, But they are shifted to other city and they were engaged other professional in private company. Consultation activities (as part of monitoring of DDR/RP) will continue throughout the project implementation period to confirm that no resettlement issues remain unnoticed or un-addressed.

If income or livelihood opportunity of any individual is affected due to project activities, these will be identified through a livelihood survey. These businesses will be eligible for livelihood assistance. Those eligible for support will be provided assistance as detailed in the entitlement matrix.

Compensation eligibility is limited by a cut-off date as set for this project, which is the day of the beginning of the income survey prior to commencement of the civil works. The Commissioner/Chief Officer of the concerned Project Town, Social Development Officer RPMU Mangalore in collaboration with contractor will identify the road sections where the construction activities will hinder access, resulting in income loss for permanent business structures, and an income survey of businesses along the relevant sections will be carried out. The first day of this survey will serve as the cut-off date. All businesses identified on the cut-off date will be entitled to compensation for their lost income based on the available records with ULB. All 04 towns viz Mangaluru, Puttur, Udupi and Kundapura land details and status of civil works in the reporting period is attached **Appendix-01**.

TABLE1: SUBPROJECTS UNDER KIUWMIP

Package Number and City	Components/List of Works	Type of Contract (specify if DBO, DB or civil works)	Status of Implementation (Specify if Preliminary Design, Detailed Design, On-going Construction, Completed Works, or O&M phase)2	Contract Status (specify if under bidding or contract awarded)	If On-going Construction	
					%Physical Progress	Expected Completion Date including O&M
02MNG02 Improvement of Urban Sanitation i Mangalore	<ul style="list-style-type: none"> Replacement of existing 750 mm dia CI pumping main with 1100 mm dia DI-K9 pipe(7.60km) from wet well-3 Kudroli to Kavoov STP. Replacement of existing 600 mm dia CI pumping main with 900 mm dia DI-K9 pipe (0.95 km) from wet well-4 at Kandathpalli to wet well-3 at Kudroli. Replacement of existing 225mm dia CI pumping main with 450 mm dia DI-K9 pipe (1.7 km) from wet well-6 Mulihitlu to ridge manhole near Casia Church. Replacement of existing 450 mm dia CI pumping main 	Civil Works	Construction work completed and commissioned	Contract Awarded: 06.06.2018	100 % Civil works completed	Completed on 27.07.2021 O& M will not apply

Rectification of road works yet to be completed

Package Number and City	Components/List of Works	Type of Contract (specify if DBO, DB or civil works)	Status of Implementation (Specify if Preliminary Design, Detailed Design, On-going Construction, Completed Works, or O&M phase)2	Contract Status (specify if under bidding or contract awarded)	If On-going Construction	
					%Physical Progress	Expected Completion Date including O&M
	with 450 mm dia DI-K9 pipe (1.1 km) from wet well-7 Jeppubappal to ridge manhole near wet well-8					
02KDP01 expansion of urban water supply Kundapura	<ul style="list-style-type: none"> Laying of clear water feeder mains of 200Mn dia for 4.8 Kms to OHT at Kodi. Construction of 2 OHTs total capacity 0.9ML. (5LL at Halekote and 4LL at Kodi) Laying of Distribution network for 51.54 HDPE and 5.05 DI 200mm1.64 kms of HDPE&DI pipes. Replacement of non-functioning water for existing connection and providing new water supply connection of 2250 to un- covered households with class B Multijet water meters. Proviing 15 Nos of 24X7 Water flow meters O & M for 8 years. 	Civil Works and services	O&M Phase going on	Contract awarded: 19.12.2017	100% Civil works completed	O&M 30.09.2029

Package Number and City	Components/List of Works	Type of Contract (specify if DBO, DB or civil works)	Status of Implementation (Specify if Preliminary Design, Detailed Design, On-going Construction, Completed Works, or O&M phase)2	Contract Status (specify if under bidding or contract awarded)	If On-going Construction	
					%Physical Progress	Expected Completion Date including O&M
02PTR01 expansion of urban water supply Puttur	<ul style="list-style-type: none"> Up gradation of electro mechanical equipment's in Jack well 400 mm dia K9 DI Pipe Raw Water Pumping Main – 1.68 Kms from Jack well to proposed WTP Construction of 8.7 MLD WTP at Nekkilady 400 mm dia DI K9 pipe clear water transmission main from WTP to MBR at Seetigudda for 12.42 Kms Clear Water Feeder Mains for 5.06 Kms for OHTs Construction of 6 OHTs & 1 Ground Level Service Reservoir.s of total capacity 24 LLML Laying of Distribution network for 158.47 kms of HDPE & DI pipes Replacement of non-functioning 9226 water meters for existing connections and providing new water supply connections of 4910 to un- 	Civil Works and services	Construction <i>phase 2</i>	Contract awarded: 16.11.2018	75%	Phase 2 10.03.2023 O&M 10.06.2031 (Phase -4)

Package Number and City	Components/List of Works	Type of Contract (specify if DBO, DB or civil works)	Status of Implementation (Specify if Preliminary Design, Detailed Design, On-going Construction, Completed Works, or O&M phase)2	Contract Status (specify if under bidding or contract awarded)	If On-going Construction	
					%Physical Progress	Expected Completion Date including O&M
	covered households with Class B MultiJet water meters <ul style="list-style-type: none"> • Providing 29 Nos of 24X7 Water Flow meters • O & M for 8 Years 					
02UDP01 expansion of urban water supply Udupi	<ul style="list-style-type: none"> • 24.5 kms clear water feeder mains. • 7 OHTs • 271.45 kms distribution net work • 18737 HSC with Class B Multihued Water Meters (Replacement) • New HSCs 17,715 • SCADA • O&M for 8 years 	Civil Works and services	Construction phase 2	Contract awarded: 16.11.2018	64.20%	Phase 2 09.07.2023 O&M 10.10.2031 (Phase -4)
02MNG01 expansion of urban water supply Mangalore	<ul style="list-style-type: none"> • Construction of 24X7 & Distribution Network - Operator assisted in Mangalore. • (i) 30.43 km clear water feeder mains from master balancing reservoirs to OHTs/ Ground Level 	Civil Works and services	Construction phase 2	Awarded on 24.12.2019	28%	Phase 2 23.11.2023 O&M 23.08.2032 (Phase 4)

Package Number and City	Components/List of Works	Type of Contract (specify if DBO, DB or civil works)	Status of Implementation (Specify if Preliminary Design, Detailed Design, On-going Construction, Completed Works, or O&M phase) ²	Contract Status (specify if under bidding or contract awarded)	If On-going Construction	
					%Physical Progress	Expected Completion Date including O&M
	<p>Service Reservoir's and replacement of 22.84 kms of existing CI clear water pipes.</p> <ul style="list-style-type: none"> • (ii) 17 OHTs and 5 Ground Level Service Reservoir's • (iii) 7 Intermediate Pumping Stations (IPS) • (iv) Distribution network 982.80 kms uncovered areas and 405.93 kms of rider and parallel lines, (over all 1499 km). • (v) Providing HSC for 96300 nos with Multijet Water Meters. 1489 					

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TABLE 2: SAFEGUARD COMPONENTS AND IMPACT FOR SUB PROJECTS

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
Mangalore	Sewerage 02MNG02	Replacement of old pumping mains for zones 3- 7 of the city: 7.65 km from wet well No-3, Kudroli to STP Kavour, 0.95 km from wet well No-4, Kandathpalli to wet well No-3, Kudroli; 1.7 km from wet well No-6, Mulihitlu to ridge manhole near Morgan's gate; and 1.10 km from wet well No-7, Jeppu, Bappal to ridge manhole near Yekkur	<p>Since replacement of old pumping mains, there is no land requirement except the land donation from Bharath Beedi Land required: 170 mts (Private land)</p> <p>Land donated by Bharat Beedi for pipeline to run through property. The Third-Party Report for the donation is presented in previous SMR</p>	51	<p>In 2019 survey, 68 business shops were identified, in 2020 survey was done again, then total 109 business shops were identified including 68 shops, due to the fact that while laying of pipe line, left side of the road alignment were found that have more utilities. Hence, pipe line were laid write side alignment of the road, then only 51 business shops were affected and paid compensation to all 51 shops owner on 03.03.2020 and 05.03.2020</p> <p>Compensation paid: Rs.84,500</p>	<p>51 APs were given compensation on 03.03.2020 and 05.03.2020</p> <p>Documents attached already SMR period Feb-2021 to July-2021</p>	RP to be updated

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
Mangalore	Water Supply 02MNG01	(i) 30.43 km clear water feeder mains from master balancing reservoirs to OHTs/ Ground Level Service Reservoir's and replacement of 22.84 kms of existing CI clear water pipes. (ii) 17 OHTs and 5 Ground Level Service Reservoirs (iii) 7 Intermediate Pumping Stations (IPS) (iv) 982.80 kms uncovered areas and 405.93 kms of rider and parallel lines (over all 1499 km).	<ul style="list-style-type: none"> Total 17 OHTs, Out of which 13 Govt lands and 04 Private lands. Total 02 GLSR cum OHTs. Out of which 01 Govt land and 01 Pvt land. Total 03 GLSRs only. All are Govt Land. <p>The status will be updted in the upcoming SMRsOne site at New Mangalore Port Trust (NMPT) will be purchased from Central Govt. Proposal sent to NMPT which is under process extent of 1.00 acre.</p>	<p>1) BajalLA Q total PAPs-19, APL category . Not belongs to vulnerabi lity.</p> <p>4). One affected institute.</p> <p>5) PAPs-05, APL category . Not belongs to</p>	<p>1. BajalOHT: Land Acquired through Govt Notification and Land costpaid Rs. 1,81,68,793. (Laq).</p> <p>2. Kana OHT: Direct negotiated and Purchased and Land cost paid Rs. 1,64,87,478.</p> <p>3. Nekkilagudda OHT: Directly negotiated and purchased and land price Rs. 1, 10,14,264/- paid. Attached third party certification validation report during SMR period Feb-2021-Aug-2021.</p> <p>4. Kodical (Boloor village) GLSR Cum OHT: Land Acquired by Govt Notification,Processcompl etedLand cost Rs. 4, 47,72,328/-has released to Land owner MsChitrakala Investment Trade Business Finance Limited on march-2022.</p>	Land Documents of Kodical (Boloor village) GLSR attached. Append ix-02	RP to be updated and thirty party certification validations reportunder process.

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
		(v) Providing HSC for 96300 nos with Multijet Water Meters		vulnerability.	5. Holyhill, JayanagaraOHT: Land Acquired by Govt notification process completed, Land cost Rs :1,17,18,559 has deposited to the Honorable court because of land ownership disputes in brothers.		
Puttur	Water Supply 02PTR01	(i)construction of a Water Treatment Plant (WTP) of 8.7 MLD at Nekillady (ii) construction of 6 OHTs, Karmala, Padnur, Kabaka, Balnad Helipad, BalnadKelyadi, CTO Darbe and 1 GLSR. at Seetiigudda (iii)1.714 km of raw water transmission lines at Nekilady, (iv)19.52 km (including 9.56 km	A total of 2.99 acre is required for the subproject. WTP constructed near existing old WTP land. All 6 OHTs sites are Govt ULB lands. The Ground Level Service Reservoir site has been purchased through direct purchase at Seetiigudda extent of 1.17 acres and 1.82 acres donated by the land owner.All Network	None Since Seetiigudda land purchased on Negotiated	<ul style="list-style-type: none"> 1Acre 17 cents land Direct negotiated & purchase from private land owner. Land cost paid Rs. 3,03,60,779/-. 1 Acre 82 Cents land donated by the land owner. <p>Land cost of 1.17 acres paid: Rs.3, 03, 60,779.</p>	Land Documents already attached SMR period Aug-2021 to January-2022	Copies of land ownership/ transfer records for all sites OHT sites are available with the Urban Local Body. RP to be updated

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
		feeder mains) of clear water pumping mains, (v)158.47 km of new distribution system pipeline(vi)4910 new domestic water meters, replacement of 9,226 old house service connection meters and the installation of 29 new bulk water meters	pipe line laid in the existing Govt land	settlement, no one affected.			andThirty party certification validations report under process.
Udupi	Water Supply 02UDP01	(i) 24.5 km clear water feeder mains from Ground Level Service Reservoir. to newly proposed OHTs (ii) Elevated Level Surface Reservoir-7 Nos	0.34 acres are required for the seven Elevated level surface reservoir All lands required belong to the ULB. Land is required for a proposed 45 MLD WTP at Haladi (Govt of Karnataka fund) (an associated	None	Under design validation and construction 3 vendors along the alignment were identified as possibly affected during the pre-construction period. During the construction period, all precautions will be taken so	Documents attached Period Feb-2021 to July-2021.	Under design validation and construction. The land (the associated facility

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
		(iii) 271.45 km of distribution network (iv) replacement of 18,737 non-functioning water meters and 17,715 new water supply connections.	facility) The land has been purchased from private owner through direct negotiation settlement extent of 3.51 acres and 0.49 acres (No of Private Land Owners: 02) All Network pipe line laid in the existing Govt land		that there is minimal impact due to the project. If income loss of the 3 vendors is unavoidable, then the agreed Entitlement matrix will be applicable. The civil work has not been started in that stretch (Poornaprajna Road) during the reporting period. Land cost paid: Rs.92,38,011 and Rs.10,97,600 WTP land has been purchased through negotiated settlement in 2 Sale Deeds for 3.51 acres and 0.49 acres		under AMRUT), for the Haladi WTP site, is transferred to ULB. RP to be updated and Thirty party certification validations report under process.
Kundapura	Water Supply	(i) Existing intake works and jack well at Jambu—a diesel	A total of 0.12 acres is required for the sub project	3 APs	3 persons were identified as affected at the OHT site at Kodi with permanent partial loss of	Land Documents submitted in previous SMR	

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
	02KDP01	generator set for un-interrupted power (ii) Renovation of the existing WTP (7.60 MLD) at Japthi (iii) Laying of 5.15 km feeder mains from existing clear water mains to the proposed OHT at Kodi (iv) Construction of 2 OHTs (total capacity of 0.9 ML) (v) Extension of 51.50 km of distribution pipe lines. (vi) Metered House Service Connections- replacement of 4,200 existing meters and 2,250 new metered	0.04 acres for the OHT at Halekote+ 0.08 acre for the OHT at Kodi- Govt land No Private land is required.		income (loss of coconut trees). All three are identified as vulnerable. All three have been compensated as vulnerable persons in accordance with Government of India and ADB rules. They retained access to the remaining 15 trees during and after the construction of the Elevated Level Surface Reservoir. (A) All three were compensated Rs 27,282each for the loss of two coconut trees. (B) Subsistence allowance of Rs 36,000/-, (C) IGAand initial capital amount of Rs 40,000/- were paid to each Affected Person. Total amount of Rs 1, 03,282/- (A+B+C) received by each Project Affected Non- Title Holder as compensation.	period Feb-2021 to July-2021.	RP to be updated

City	Sub Projects	Project Component	Requirement of total land (Govt/Private) (Ha)	Affected Persons	Nature of impact/Compensation paid	Status of safeguard documents	Remarks
		HSC for un-covered households.					

4. PUBLIC PARTICIPATION AND CONSULTATIONS

1. Public consultation and information dissemination are continuous processes and needs to be pursued at every stage of the project.
2. In addition to the census and socio-economic surveys, formal and informal consultations have been carried out for sub-projects through public meetings, community discussions, interviews with key stakeholders and focus group discussions (FGDs). Consultations are meant to present details of the sub project to the public (especially those affected by the subproject), understand the views of the people affected by the project and to resolve issues related to impact on the community. The Executing Agency (EA) will ensure that APs and other stakeholders are informed and consulted about the sub-project, its impact, their entitlements and options, and allowed to participate actively in the development of the sub-project. The consultations are held with special emphasis on vulnerable groups.

Table 3: Public Consultations Conducted:

Sl. No	Name of the city	No of Public Consultations	No. of participants				Female participation in %
			Male	Female	Officials	Total	
1	Mangalore	0	0	0	0	0	%
2	Puttur	0	0	0	0	0	%
3	Udupi	0`	0	0	0	0	%
4	Kundapura	02	31	49	16	96	51%
Total		02	31	49	16	96	51%

Note: Except Kundapura, other towns not conducted public consultation meetings viz Mangaluru, Puttur and Udupi, they were conducted GESI activities as per ADB guide lines in this reporting period, the GESI activities achieved data shown as below table. A sample public consultation report shown **Appendix-3**

Table 4: GESI Activities Conducted period from Feb-2022 to July-2022.

Name of programme	Name of town & No of Programme Conducted				No of total Male	No of total Female	Total	Female participation in %
	MNG	PTR	UDP	KDP				
Training to Water & sanitation Committee	15	10	11	05	0	713	713	100%
Programme awareness to High school students	0	01	06	05	891	890	1781	50%
Health hygiene Prgmt to Adolescent girls	0	0	01	01	0	335	335	100%
Capacity building prog to ULB staff	0	01	0	01	36	41	77	53%
Training on Core labors standard (Health safety)	0	0	01	0	26	0	26	0

Table No: 5 IR Impact

Sl. No.	Package Name	Safeguard Documents approved RP/DDR	Date of Approval (Please also mention whether further update needed/in process)	Details of IR impact (as per approved RP) No. of APs, (type of impact/nature and volume of impact etc.)	Compensation paid to number of APs till July-2022 and amount disbursed compensation	Compensation paid to number of APs till July 2022 and amount disbursed compensation	Remain ing APs	Remarks
1	02MNG02	RP		Govt land RoW-Temporary business loss	NA	Rs.84,500 Compensation already paid & report SMR period Feb-2021 to July-2021.	Nil	No APs identified. Feb-2022 to July-2022
2	02MNG01	DDR	2018-19	Govt Land	NA	NA	Nil	
3	02UDP01	DDR	2018-19	Govt Land	NA	NA	Nil	
4	02PTR01	DDR	2018-19	Govt Land	NA	NA	Nil	
5	02KDP01	RP	2018-19	Govt Land-Non title holders	Nos: 3	Rs.201846(Compensation already paid & report SMR period Feb-2021 to July-2021.		No APs identified. Feb-2022 to July-2022.

5. GRIEVANCE REDRESSAL MECHANISM (GRM)

1. As per the orders of Joint Managing Director KUIDFC, an Official Memorandum dated 28th June 2017 was issued for the concerned for formation of project specific grievance redress mechanism (GRM). A copy of Official Memorandum is available in the RP/ DDR of each subproject. The GRC (Grievance Redressed Committee) has been established to receive, evaluate and facilitate concerns of, complaints and grievances of the affected persons in relation to project's social and environmental performances. The main objective of the GRM is to provide time bound action and transparent mechanisms to resolve social and environment concerns.
2. There are multiple means of registering grievances and complaints by dropping grievance forms in complaint/ suggestion boxes at accessible locations, or through telephone hotlines, email, post or writing in a complaint registrar book in ULB's project office. There is a complaint registrar book and complaint boxes at construction site office to enable quick response of grievances/ complaints for urgent matters. The name, address and contact details of the persons with details of the complaint/grievance, location of problem area, date of receipt of complaint will be documented. The RPMU's Safeguards Officer is responsible at the project level for timely resolution of the environmental and social safeguards issues and registration of grievances, and communication with the aggrieved persons.

TABLE 6: STATUS OF GRIEVANCES REGISTERD (FEBRUARY 2022 TO JULY 2022)

SI No .	Sub Project	Grievances Received (cumulative Up to January2022)	Grievan ces Receive d during (Februar y 2022 to July-2022)	Total Grievan ces	Grieva nces Resolv ed	Nature of Grievances
1	Mangalore UGD	148	0	148	148	Civil works Completed.
2	Mangalore Water Supply	17	172	189	177	Existing Old Pipe damages, Old PVC pipe rectification, Road restoration, Sinking, Cable disconnect. Road Road Cable remove

SI No .	Sub Project	Grievances Received (cumulative Up to January 2022)	Grievances Received during (February 2022 to July-2022)	Total Grievances	Grievances Resolved	Nature of Grievances
						excess soil, Interlock restoration, clear the debris,
3	Puttur Water Supply	225	77	302	302	Existing Old Pipe damages, Old PVC pipe rectification, Road restoration, Meter place replacement, Excess of water bill, water pressure. Road Sinking.
4	Udupi Water Supply	104	87	191	191	Water leakage, Meter reading more, Highest point low pressure water, road compact, new meter not fixed, water not coming, over bill.
5	Kundapura Water Supply	148	388	536	536	Water leakages and meter related complaints.No Water due to blockage, Excess bill, HSC Gate valve Joint leakage.

Month wise Grievance Redressed data:

SI. No.	City	Feb 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Total
1	Mangaluru	23	32	09	51	23	34	172
2	Puttur	13	15	11	16	13	09	77
3	Udupi	01	01	01	43	30	12	87

4	Kundapura	105	84	52	57	45	45	388
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6. INSTITUTIONAL ARRANGEMENTS

1. Karnataka Urban Infrastructure Development & Finance Corporation (KUIDFC): is the Nodal Executing Agency (EA) responsible for implementing KIUWMIP. KUIDFC is a fully owned Government of Karnataka (GoK) company incorporated under the Companies Act, 1956. It has appointed a Social Development Officer at KUIDFC Bengaluru who is extensively involved in coordinating and monitoring community development activities and resettlement implementation across project towns.
2. A Safeguards Compliance and Monitoring Unit (SCMU), established in the PMU directly under the KIUWMIP Task Manager (Project Director), have overall responsibility of ensuring compliance with ADB SPS. SCMU is staffed with a Safeguards Compliance and Monitoring Officer (SCMO) with overall responsibility for environmental and social safeguards, and two safeguards specialists–Assistant Executive Engineer (AEE–Environment), and Social Development Officer (SDO), responsible respectively for environment and social safeguards.
3. KUIDFC Regional Program Management Unit Office (RPMU): Package-2 has been established within the Investment Program area to oversee implementation. A Deputy Project Director (DPD) heads the Regional Programme monitoring Unit in Mangalore. He is responsible for Investment Program planning, preparation of sub-project plans and estimates, coordination, technical guidance and supervision, financial control, and overall sub-projects monitoring.
4. The Safeguards Officer (SO) at RPMU Mangalore will assist the urban local bodies (ULB) on the selection of beneficiaries and proper implementation of the project, monitoring and supervising of project activities regarding social development, resettlement plans etc. under instructions of Task Manager/ Superintending Engineer, PMU/RPMU respectively. In each PIU, an Assistant Engineer (safeguards) coordinates the safeguards related tasks at PIU/town level.
5. A Social Safeguards and Gender Specialist was appointed in November 2018 at RPMU Mangalore as part of the PMDCSC team to prepare RPs and DDRs and also to assist RPMU in RP implementation and monitoring.
6. The community awareness, participation, rehabilitation and resettlement consultant (CAPRRC) of RPMU will have an important role in carrying out resettlement plan

implementing activities from project preparation stage to completion of resettlement plan including income restoration activities, if any. The selection of the CAPRRC was a two-stage procurement process and completed. The LOA is issued to the 2 CAPRRCs and they have been mobilized since Dec 2020.

CAPACITY BUILDING

Additionally, KUIDFC has signed an agreement with Administrative Staff College of India (ASCI) Hyderabad to conduct Capacity Building trainings for KUIDFC, ULB staff and contractors from June 2019. Two trainings³ were conducted since then. Other topics include Project Management, Contract Management, Soft Skills, Personal Development, Operations and Maintenance. Other topics will include gender sensitization, social safeguards, environmental safeguards, grievance redressed etc. Further, trainings will be continued at ASCI.

Appendix- 1: Status of land acquisition / Direct negotiated and purchased / Govt Land Details**A. Mangaluru town:**

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
1	Bala	GLSR	15 LL	158/3P5 Bala	0.57	Govt Land No IR Impact	70 % civil works Completed. Land documents available with ULB and documents presented in earlier report
2	UdayaNagara	OHT	6 LL	235/4AP2 Surathkal	0.23	Govt Land No IR Impact	Civil works completed and land documents available with ULB and documents presented in earlier report
3	Kodipady	OHT	4 LL	306/3 Surathkal	0.5	Govt Land No IR Impact	75 % civil works completed and land documents available with ULB and documents presented in earlier report
4	Nandigudda Ground	OHT	18LL	839/2A5 Jeppinamogaru	0.29	Govt Land No IR Impact	75 % civil works completed and land documents available with ULB and documents presented in earlier report
5	Nehru maidan	OHT	20 LL	291/2A2AP Attavara	0.15a	Govt Land No IR Impact	18 % civil work completed and land documents available with ULB and documents presented in earlier report
6	AmruthaNagara, Thiruvail	OHT	7.5 LL	85/1A ThiruvailPadavu	0.20	Govt Land No IR Impact	80 % Civil works completed and land documents available with ULB and documents presented in earlier report

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
7	Shaktinagra (adjacent to existing GLSR)	OHT	10 LL	287/1 Padavu	0.15	Govt Land No IR Impact	80 % Civil works Completed and land documents available with ULB and documents presented in earlier report
8	Maryhill (Near existing GLSR)	OHT	20 LL	2/5, 2/6, 3/2A2 Padavu	0.15	Govt Land No IR Impact	40 % Civil works completed and land documents available with ULB and documents presented in earlier report
9	Krishnapura (Near Govt School)	OHT	10 LL	24/1P1 Katipalla	0.30	Govt Land No IR Impact	50 % Civil works completed and land documents available with ULB and documents presented in earlier report
10	Opp. Mangalore Club (Morgan's Gate)	OHT	25 LL	822 Mangalore thota	0.35	Govt Land No IR Impact	70% and land documents available with ULB and documents presented in earlier report
11	NMPT (Panambur)	GLSR cum OHT	15 LL each	Panambur	1 Acre	Central Govt Land in the Name of New Mangaluru port trust Mangaluru. No IR Impact	Land belongs to New Mangalore Port Trust (NMPT) which is under GOI and proposal has been sent to NMPT which is under process extent of 1.00 acre. Further status will be updated in the upcoming SMR.

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
12	Near Officers Club, Hathill	GLSR.	10 LL	1554/2B, 1554/5A2 Kodialbail	0.30	Govt Land No IR Impact	65 % civil works completed Alternative Govt land identified near the Officers club
13	Valencia Cemetery	OHT	15 LL	7/2BP Jeppinamogaru	0.15	Govt Land No IR Impact	Civil works going on 75 % civil works completed. Land documents were appended in SMR period Aug-21 to Jan-2022.
14	Kunjathbail	OHT	10 LL	90/1A2P Kunjathbail	0.25	Govt Land No IR Impact	Civil works going on 75 % civil works completed. Land documents were appended in SMR period Aug-21 to Jan-2022.
15	SanthoshNagara, Pachanady	OHT	9LL	77/P1 Pachanady	0.15	Govt Land No IR Impact	Civil works going on 75 % civil works completed. Land documents were appended in SMR period Aug-21 to Jan-2022.
16	Near NITK (existing tank premises)	OHT	5 LL	341/P Surathkal	0.38	Govt Land No IR Impact	Civil works going on 78 % civil works completed. Land documents were appended in SMR period Aug-21 to Jan-2022.
17	Nekkilagudde, LohitNagara	OHT	10 LL	127/3P1 Derebail	0.17	Private land	Directly negotiated and purchased on January 2021, Payment has been made the Land documents transfer to ULB, Land documents were appended in SMR period Aug-21 to Jan-2022.

							45% Civil works completed
Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
18	Holyhill, Jayanagara	OHT	10 LL	19/1A1P1-P1 Maroli	0.14	Private Land	Govt. has approved final notification under section 19(1) of LAQ act 2013 on 30.09.2020. Further LAQ process completed, the payment has deposited to the honorable court in connection with land owner ship dispute in brothers. RP to be updated
19	Bajal near JM road (Gowugudde)	OHT	20 LL	79/161/2P2, 67/P2, 61/2P3A1P2, Bajal	00:42:50	Private Land	Govt. has approved final notification under section 19(1) of LAQ act 2013 on 30.09.2020. Further LAQ process completed and land Payment has been made to the land owner, the land document transfer to ULB. RP to be updated. 55 % Civil works completed
20	Bondel Marakada	GLSR	10 LL	57/1	0.40	Govt Land No IR Impact	Marakada Village (GovtLand) 70% Civil works completed
21	Kodical	GLSR Cum OHT	20 LL each	12/1AP1 Boloor- B	0.35	Private Land	Govt. has approved final notification under section 19(1) of Land Acquisition Act 2013 on 30.09.2020. Land Acquisition process

							completed. The payment to be released to the land owner. RP to be updated. 40 % Civil works completed
Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
22	Kana	OHT	15 LL	128/2P11 Kulai	0.29	Private Land	Directly negotiated and purchased on January 2021, Payment has been made to the Land owner the documents transferred to ULB. Third party validation report under process. It will be reported upcoming SMR 45 % Civil works completed
23	Ramalkatte(Thumbe)	Filter House	80 MLD	40/1B1B, 40/1C1, 40/1B1A Thumbe		Govt Land No IR Impact	Required land is available at existing WTP Premises.
24	Ramalkatte(Thumbe)	Back wash treatment plant	160 MLD	40/1D1 Thumbe		Govt Land No IR Impact	Required land is available at existing WTP Premises.

Note:Sl. No. 17 to 19 and 21 to 22 private land acquisition/direct negotiated purchase of land process were completed. RP to be updated.

B. Puttur town:

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
1	Mura Shantinagar Padnur	OHT	1LL	147/1A1A1A1 Padnur	0.05	Govt Land No IR Impact	90 % civil works Completed. Land documents available with ULB and documents presented in earlier report
2	Micro wave station, Manjalpadpu	OHT	1.LL	203/2A Kabaka	0.10	Govt Land No IR Impact	90% Civil works completed and land documents available with ULB and documents presented in earlier report
3	CTO, Darbe	OHT	6LL	228/1 Puttur kasaba	0.08	Govt Land No IR Impact	75% civil works completed and land documents available with ULB and documents presented in earlier report
4	Balnad Helipad	OHT	4LL	370/P1 Balnad	0.10	Govt Land No IR Impact	90% civil works completed and land documents available with ULB and documents presented in earlier report
5	Lingadagudda	OHT	2.5LL	176/1 Kabaka	0.08	Govt Land No IR Impact	90% civil work completed and land documents available with ULB and documents presented in earlier report
6	Balnad Kelyadi	OHT	1.LL	273/1 Balnad	0.05	Govt Land No IR Impact	90% Civil works completed and land documents available with ULB and documents presented in earlier report

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
7	Nekkilady	WTP	8.7	81/1P1 &147/1A1A1A1 (P1) Nekkilady	0.95	Govt Land No IR Impact	90% Civil works Completed, electronic & mechanical work under progress and land documents available with ULB and documents presented in earlier report
8	Seetigudda	GROUND LEVEL SERVICE RESERVOIR	24LL	280/181/(P2),2 80/1A1A1A (P2) Puttur kasaba	0.45	Private Land No IR Impact	1 Acre 17 cents land Direct Purchase Negotiated settlement done on 27.11.2021, Payment Rs.3,03,60,779/-has been made to land owner and 1.82 acres donated by the land owner, Land documents transfer to ULB, RP to be updated. Third party validation report under process. 85% Civil works completed

C. Udupi town:



Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
1	Manipal Anganwadi	OHT	7.50	412/2B Shivalli	0.10	Govt Land No IR Impact	85 % civil works Completed.land documents available with ULB and documents presented in earlier report.
2	Ananthnagar (Inside HUDCO park)	OHT	6.00	432 Shivalli	0.05	Govt Land No IR Impact	85% Civil works completed and land documents available with ULB and documents presented in earlier report
3	Manchi	OHT	12.50	125/2 76 Badagubettu	0.10	Govt Land No IR Impact	90 % civil works completed and land documents available with ULB and documents presented in earlier report
4	A. R Shetty Hall,(Convention al Hall)	OHT	7.50	140/3C (P) Kolambe	0.25	Govt Land No IR Impact	65 % civil works completed and land documents available with ULB and documents presented in earlier report
5	Indrali	OHT	9.00	67/2B Shivalli	0.145	Govt Land No IR Impact	100% civil work completed and land documents available with ULB and documents presented in earlier report

Srl No	Location	Component	Capacity	Survey No / Place	Land required (in Acres)	Impact Status	Remarks
6	Kakkunje	OHT	10.00	210/3	0.25	Govt Land No IR Impact	20% Civil works completed and land documents available with ULB and documents presented in earlier report.
7	Santhekatte	OHT	16.00	243/0	0.30	Govt Land No IR Impact	75% Civil works Completed and land documents available with ULB and documents presented in earlier report
8	76 Halady	WTP	45 MLD	120/17, 120/24, 120/25, 120/23, 120/31	4.00	Private Land No IR Impact	WTP land has been directly negotiated and purchased. 2 Sale Deeds for 3.51 acres and 0.49 acres, Land cost paid: Rs.92,38,011 and Rs.10,97,600 12% Civil works completed
9	Bharthkal Exisiting KNNL	Jack well		63/4A2,63/16 Kundapura Taluk Kulanje	0.30 0.34	Govt land	Handed over abounded Jack well belongs to Karnataka Irrigation Department to City Municipal Council Udupi on 99-year Lease basis. as per our required design the restoration work under progress. (At present noneed to Irrigation department of Karnataka, Because they are providing water to agriculture purpose through gravity nala)

D. Kundapura town: Status of land and Water Supply civilworks.

Srl No	Location	Component	Capacity	Survey No / Place	Land required (In Acres)	Impact Status	Remarks
1	HaleKote	OHT	5 LL	21/4E2 Kundapura	0.10	Govt Land No IR Impact	100 % civil works Completed. land documents available with ULB and documents presented in earlier SMR report period Aug-2021 to January-2022
2	Kodi	OHT	4 LL	292 Kundapura	0.20	Govt Land No IR Impact	100% Civil works completed and land documents available with ULB and documents presented in earlier SMR report period Aug-2021 to January-2022.

**Appendix-2 Copies of Land Records:
Government of Karnataka land acquisition Gazetteer for Kodikal GLSR cum OHT.**

ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ

ಅಧಿಕೃತವಾಗಿ ಪ್ರಕಟಿಸಲಾದುದು

ಸಂಪುಟ ೧೫೭ Volume 157	ಮೈಸೂರು, ಶೋಮವಾರ, ೧೪, ಫೆಬ್ರವರಿ, ೨೦೨೨ (ಮಾಘ, ೨೫, ಶಕವರ್ಷ, ೧೯೪೩) MYSURU, MONDAY, 14, FEBRUARY, 2022 (MAGHA, 25, SHAKAVARSHA, 1943)	ಸಂಚಿಕೆ ೧೧ Issue 11
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ಭಾಗ ೬ಎ

ಮೈಸೂರು ವಿಭಾಗಕ್ಕೆ ಮತ್ತು ಮೈಸೂರು, ಮಂಡ್ಯ, ಚಾಸನ, ಚಿಕ್ಕಮಗಳೂರು, ದಕ್ಷಿಣಕನ್ನಡ, ಕೊಡಗು, ಚಾಮರಾಜನಗರ, ಉಡುಪಿ ಜಿಲ್ಲೆಗಳಿಗೆ ಅನ್ವಯವಾಗುವ ಅಧಿಸೂಚನೆಗಳು ಮತ್ತು ಆದೇಶಗಳು.

ವಿಶೇಷ ಭೂಸ್ವಾಧೀನಾಧಿಕಾರಿ, ಮಹಾನಗರಪಾಲಿಕೆ, ಮಂಗಳೂರು ದ.ಕ.

ಭೂಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಮತ್ತು ಸೂಕ್ತ ಪರಿಹಾರದ ಹಕ್ಕು, ಪುನರ್ ವಸತಿ ಮತ್ತು ಪುನರ್ ನಿರ್ಮಾಣ ಕಾಯ್ದೆ ೨೦೧೨ ರ ಕಲಂ ೩೯(೧)ರನ್ವಯ ಪ್ರಕಟಣೆ

ದಿನಾಂಕ 11-01-2022

ಭೂಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಮತ್ತು ಸೂಕ್ತ ಪರಿಹಾರದ ಹಕ್ಕು, ಪುನರ್ ವಸತಿ ಮತ್ತು ಪುನರ್ ನಿರ್ಮಾಣ ಕಾಯ್ದೆ ೨೦೧೨ ರ ಕಲಂ ೩೯(೧)ರನ್ವಯ ಈ ಕೆಳಗೆ ಪರಿವಿಡಿಯಲ್ಲಿ ಕಾಣಿಸಿರುವ ಪ್ರಕಾರದ ಖಾಸಗಿ ಜಮೀನ್ದಾರರನ್ನು ಸಾರ್ವಜನಿಕ ಉದ್ದೇಶಕ್ಕೆ ಅಂದರೆ ಮಂಗಳೂರು ಮಹಾನಗರಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಎಡಿಬಿ ನೆರವಿನ ಕೈವಿಜ್ ಯೋಜನೆಯಡಿ ೨೪ಎ೨ ಕುಡಿಯುವ ನೀರಿನ ಯೋಜನೆ ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಮೆಲ್ಕುಪ್ಪಡ ಜಲಸಂಸ್ಕರಣಾಗಾರ (OHT) ನಿರ್ಮಾಣ ಕಾಮಗಾರಿಗಾಗಿ ಮಂಗಳೂರು ಮಹಾನಗರಪಾಲಿಕೆಗೆ ಅಗತ್ಯವಿರುವ ಭೂಸ್ವಾಧೀನಪಡಿಸಲಾಗಿದೆ.

ಪರಿವಿಡಿ

ಎಲ್.ಎ.ಕ್ಯೂ.ಎಸ್.ಆರ್. 5/16-17 ಅಧಾರ್ ನಂ. 1/21-22

ಕ್ರಮ ಸಂಖ್ಯೆ	ಸರ್ವೆ ನಂ.	ತರಹೆ	ವಿಸ್ತೀರ್ಣ ಎ. ಸಂ.	ಅಧಾರ್ ನಂ. ಸಂಬಂಧಪಟ್ಟ ಭೂಮಾಲೀಕರ ಹೆಸರು	ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡ ದಿನಾಂಕ
1.	19/ಎ1-1-1	ಪುಂಜಿ	0.14.000	ಗಿರಿಜಾದಾಸ್ (ಮೂ.ದಾ.) ಮಾಧವ ಶ (ಮೂ.ಗೀ)	11-01-2022
		ಒಟ್ಟು	0.14.000		

(೩.೬.೬)

R.N.I. No. KARBI/2001/47547 POSTAL REGN. No. RNP/KAR/2022/2017-19
Licensed to post without prepayment WFP No. 297

ಪಿ.ಡಿ.೨ ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಶೋಮವಾರ, ೧೪, ಫೆಬ್ರವರಿ, ೨೦೨೨ **ಭಾಗ ೬ಎ**

ಎಲ್.ಎ.ಕ್ಯೂ.ಎಸ್.ಆರ್. 6/16-17 ಅಧಾರ್ ನಂ. 2/21-22

ಕ್ರಮ ಸಂಖ್ಯೆ	ಸರ್ವೆ ನಂ.	ತರಹೆ	ವಿಸ್ತೀರ್ಣ ಎ. ಸಂ.	ಅಧಾರ್ ನಂ. ಸಂಬಂಧಪಟ್ಟ ಭೂಮಾಲೀಕರ ಹೆಸರು	ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡ ದಿನಾಂಕ
1.	61/21	ಪುಂಜಿ	0.00.000	ಯೋಗಿನಿ ಹೆಂಗ್ಲೆ (ಮೈತ್ರಿ), ಪ್ರೇಮಲತಾ, ಸುರೇಖ, ಮಲ್ಲಿಕಾ, ಪ್ರಭಾಕರ ಅದ್ವೈ	11-01-2022
2.	67/12	ಪುಂಜಿ	0.02.500	ಶ್ಯಾಮಲ, ರಾಜಕೇಶವ (ಮೈತ್ರಿ)	11-01-2022
3.	79/1ಎ1	ಪುಂಜಿ	0.10.000	(ಅವಿವಾಹಿತ), ಹಿರಿಯಣ್ಣ (ಎಂಟೆ ಖಾತೆದಾರರು)	11-01-2022
		ಒಟ್ಟು	0.12.500		

ಎಲ್.ಎ.ಕ್ಯೂ.ಎಸ್.ಆರ್. 7/16-17 ಅಧಾರ್ ನಂ. 3/21-22

ಕ್ರಮ ಸಂಖ್ಯೆ	ಸರ್ವೆ ನಂ.	ತರಹೆ	ವಿಸ್ತೀರ್ಣ ಎ. ಸಂ.	ಅಧಾರ್ ನಂ. ಸಂಬಂಧಪಟ್ಟ ಭೂಮಾಲೀಕರ ಹೆಸರು	ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡ ದಿನಾಂಕ
1.	12/1ಎ1	ಪುಂಜಿ	0.35.000	ಮೆ ಚಿತ್ತರಾಜ್ ಇನ್ ವೆಸ್ಟ್ ಮೆಂಟ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್	11-01-2022
		ಒಟ್ಟು	0.35.000		

ಸಹಿ/-
ವಿಶೇಷ ಭೂಸ್ವಾಧೀನಾಧಿಕಾರಿ
ಹಾಗೂ ಉಪ ಆಯುಕ್ತರು (ಕಂದಾಯ)
ಮಹಾನಗರಪಾಲಿಕೆ, ಮಂಗಳೂರು

PD-12

ಮುದ್ರಣ ಮಾಡಿದ ದಿನಾಂಕ:- ಸಂಕಲನಾಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಕರ್ನಾಟಕ ವಿಭಾಗೀಯ ಮುದ್ರಣಾಲಯ, ಮೈಸೂರು.

VJAY N M

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KUIDFC-KIUWMIP

UTILISATION CERTIFICATE

(Article 187 KFC 1958) Year 2019-20 upto 16-07-2022

Sl. No.	Letter / Order No. and date	Amount Rs. Ps.
1.	Received vide Chq. No. 489330 dated 14-11-2019 drawn on Vijaya Bank favouring Special Land Acquisition Officer, Mangalore City Corporation	4,56,74,001-00
2.	Received vide Chq. No. 251714 dated 24-01-2020 drawn on Vijaya Bank favouring Land Acquisition Officer, Mangalore City Corporation	4,56,74,001-00
3.	Received vide Chq. No. 000218 dated 24-03-2021 drawn on Bank of Baroda favouring Land Acquisition Officer, Mangalore City Corporation	14,82,467-00
4.	Paid through NEFT to COMMISSIONER, MCC towards TDS for Sale Deed of Bhanumathi J. Patel S.No.128/2P11 Chq.484603/ 28-05-2021	1,64,878-00
5.	Paid through Chq.No.023833/31-08-2021 - Land compensation of Kulai- Kana Surathkal - Sale Deed of Bhanumathi J. Patel S.No.128/2P11 - 0.35.10 Acres	1,63,22,600-00
6.	Paid through Chq.No.023834/17-11-2021 towards legal opinion & charges to Dr. G. Balakrishna Prabhu for sale deed of Kulai- Kana Surathkal - Sale Deed of Bhanumathi J. Patel S.No.128/2P11	12,500-00
7.	Paid through Chq.No.023835 /26-11-2021 - Land Compensation (Court Deposit) paid to District Sessions Court - Bajal S.No.61/2P1, 67/1P3,79/1AP1 -0.42.50 Acres	1,81,68,793-00
8.	Paid through Chq.No.023836/26-11-2021 - Land Compensation (Court Deposit) paid to District Sessions Court - Maroli - Holy Hill S.No.19/1A1P1-P1 - 0.14 Acres	1,17,18,559-00
9.	Paid through RTGS(Chq.000003 / 02-03-2022) - Land Compensation paid to Chitrakala Invest. Trade & Business Pvt. Ltd. - Boloor B (Kodical) S.No.12/ 1AP1- 0.35 Acres	4,47,72,328-00

Certified that a sum of Rs. 9,28,30,469-00 was received from KUIDFC towards the land acquisition and purchase of land for the purpose of constructing overhead tank under "KIUWMIP" - Jalasiri 24 x 7 water supply to Mangalore City Project at Maroli- Holy Hill, Bajal, Boloor B (Kodical) and Kulai - Kana, Surathkal vide dates given above.

It is certified that out of Rs. 9,28,30,469-00 a sum of Rs.9,11,59,658/- has been utilised against payment of compensation to the land owners of the above said project.

Certified that I have satisfied myself that the conditions on which the amount was released have been fulfilled and I have exercised the reasonable cheques to see that money was actually utilised for the purpose for which it was sanctioned.

Dated: 16-07-2022
Place : Mangalore

SPECIAL LAND ACQUISITION OFFICER
MANGALORE CITY CORPORATION
MANGALORE
MCC LAQ

Appendix-03

Sample Public Consultation Report

Name of the City:Kundapura dated 20/04/2022

Public Consultation is an important component under ADB assisted Projects under mandatory as per the ADBs Safeguard Policy 2009. The views of the various stakeholders / community are sought and incorporated in all stages of the project implementation process to maintain transparency and timely implementation of the project components in a transparent manner for successful completion of the scheme. In the first phase town level public consultations all key Government officials and the people's representatives have been oriented on the proposed project.

In continuous to this, planned to organize Public Consultations for all wards of Kundapura project town as per the revised guidelines. KUIDFC has informed RPMU and PIUs of project town's reg. facilitation of ward level public consultations on a regular basis to maintain transparency and timely accomplishment of project components in a systematic way. The PIU, TMC Kundapura town had organized ward level public consultation with the following objectives:

Objectives of consultation workshop:

- To disseminate project information to the public and other stake holders.
- To provide the latest progress on the Civil works of 24x7 water supply.
- To disseminate the importance of taking HSC in a time bound manner.
- To document the issues/concerns of the public

The PIU and TMC Kundapura had organized Ward Level Public Consultation 20-04-2022 at 4:30 pm under the Chairmanship of the Councilor of Ward. The response from the public was quite satisfactory during the meeting and posed various questions/issues about effective and timely implementation of the proposed works of 24x7 Water supply as per the contract conditions for the benefit of the community on their own. The details of the participants are as follows.

SI No.	Project town	Name of the ward/ward No	No. of Participants			
			Male	Female	Officials	Total
1.	Kundapura	08	13	33	7	53

Steps followed for organizing Ward Level Public Consultation meeting for mobilization of public:

- Advanced communication from KUIDFC to the concerned Municipalities for effective organization of Ward Level Public Consultation meeting.
- Advanced communication from PIU for the concerned Councilor for taking lead role in successful organization of meeting.
- CMC has given newspaper notification for wide publicity

- PIU & PMDSC Consultants have met the Councilors personally for mobilization of more public.
- Fixed date, time and venue of the meeting in co-ordination and consultation with a local councilor.
- PIU & PMDSC Consultants has motivated the public by door to door issuing of project hand bills.
- Documentation of issues/concerns raised by the public during the meeting.
- Preparation of process report.
- Follow up action to be taken to the issues raised by the public.

The officials of TMC, Kundapura welcomed the gathering. Later provided the information on the objective of the Ward Level Public Consultations was shared with the delegates. This was followed by detailed project information provided by the project consultants and the officials of PIU to the participants pertaining to

- ❖ The proposed continuous Water Supply Scheme.
- ❖ Project components like source of water, raw water raising main, WTP (Water Treatment Plant), pure water distribution network.
- ❖ Cost of the project.
- ❖ Name of the Contractor.
- ❖ Contract period.
- ❖ Contract person in case any grievances regarding during construction and damage of any utilities.
- ❖ House Service Connections process.
- ❖ Water metering and
- ❖ Operation & Maintenance of the proposed scheme.
- ❖ Services of NGO are for promotion of HSC, Volumetric billing, Water metering and public consultation.

After detailed discussions with the various stakeholders about the project components by the officials, the following issues raised by the citizens for timely addressing and betterment of the project:

Sl. No.	Name of the Person	Question raised	Action Taken by PIU
1	Mr. B.S. Anil	Water not coming from few days and water leakage?	Due to heavy rain, electric power not supply, Now rectified and supply water immediately.
2	Mr. Satish Kumar	Water leakage at near Canara bank and trench kept open?	Action taken within 24 hours and restored trench.
3	Mr. Laxman	1. Water bill not received in time? 2. whenever bill collector came to house to issue	Immediately informed to water supply Customer care center and resolved.

		water bill, if door not open kept inside the door?	
4	Mr. Anita	If taken new connection charges paid more?	Charges applicable as per government change the rate time to time.

General Issues Discussed are;

- ✓ Status of existing water meters
- ✓ Water Connection Procedures
- ✓ Connection policy for pro-poor
- ✓ Reduction of Non-Revenue Water
- ✓ Grievances Redressed Mechanisms

The officials of PIU noted the issues raised by the public and assured them for accomplishment of project in a time bound manner with utmost quality. They will submit the action taken report to the Ward Councilor within a week. The Officials also assured that, the action taken report will be disclosed in the notice board of the ULB, PIU and copies to be sent to the concern immediately for further course of action. The Ward councilor requested the public to co- operate for the success of the project.

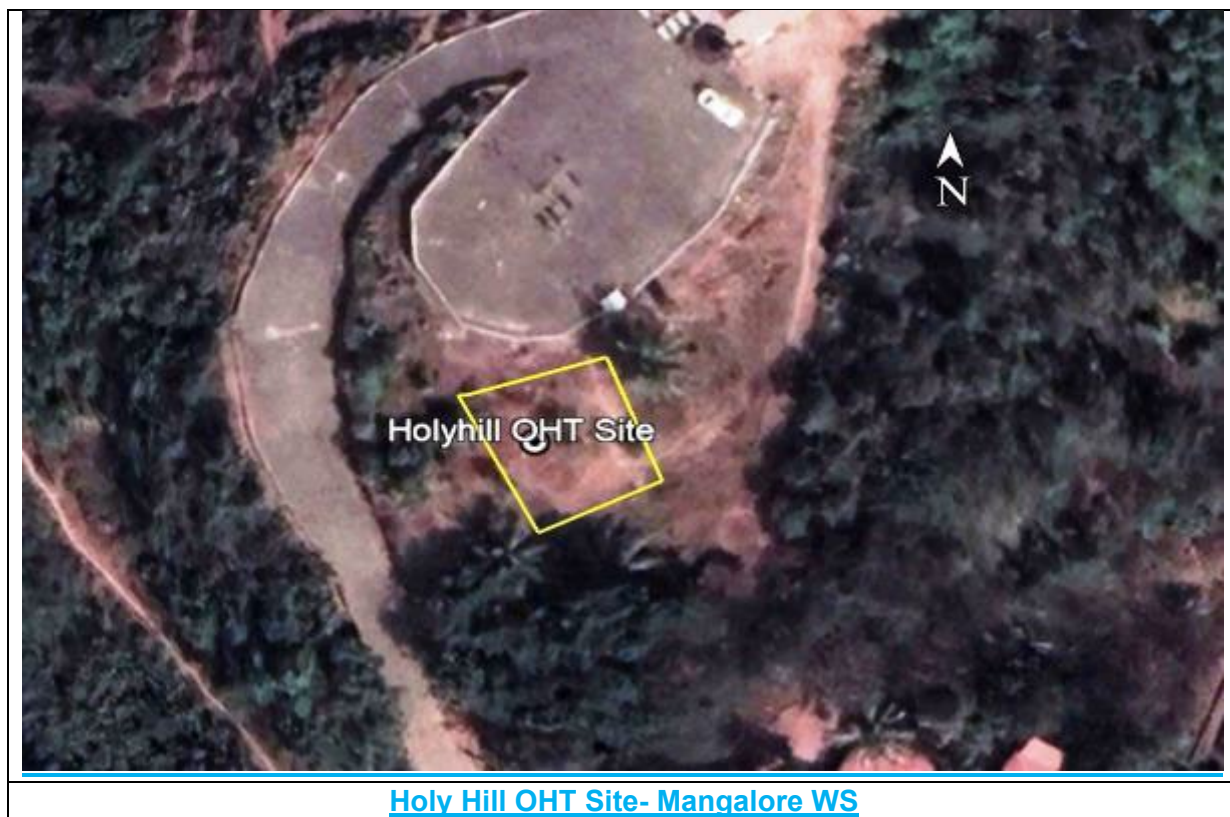
Strategies for enhancement of public participation

1. Dissemination of project information by door to door visit immediately to mitigate the gap.
2. Regular updating of progress on the works on a continuous basis.
3. To disseminate the importance of the river water is the only option for their water needs.
4. To create awareness on Customer Grievances Redressed Mechanisms proposed under the project.
5. Awareness on importance of Public Consultations and participation.

Scene of Public consultation Meeting at Kundapura town



Appendix-4 Google Earth site Images

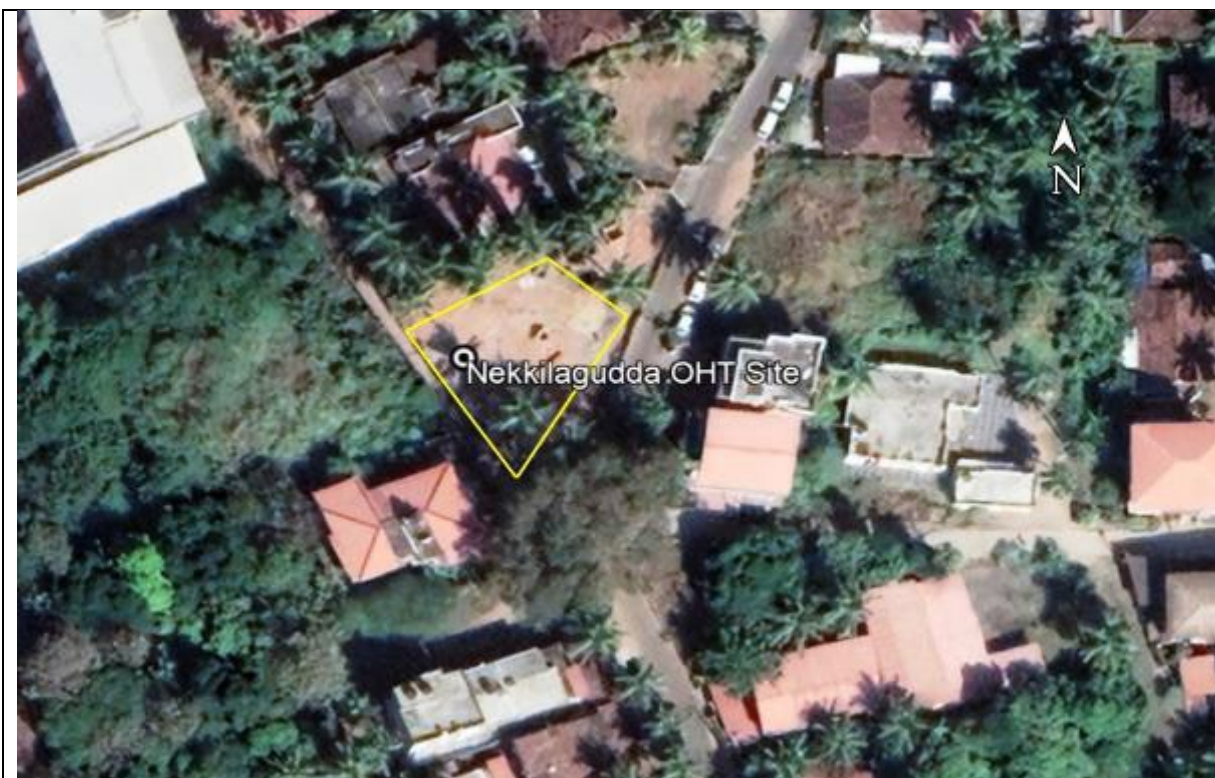




Kana OHT Site- Mangalore WS



Kodical GLSR cum OHT Site- Mangalore WS



[Nekkilagudda OHT Site- Mangalore](#)



[Panambur GLSR cum OHT Site- Mangalore WS](#)



[Seetigudda GLSR Site- Puttur WS](#)



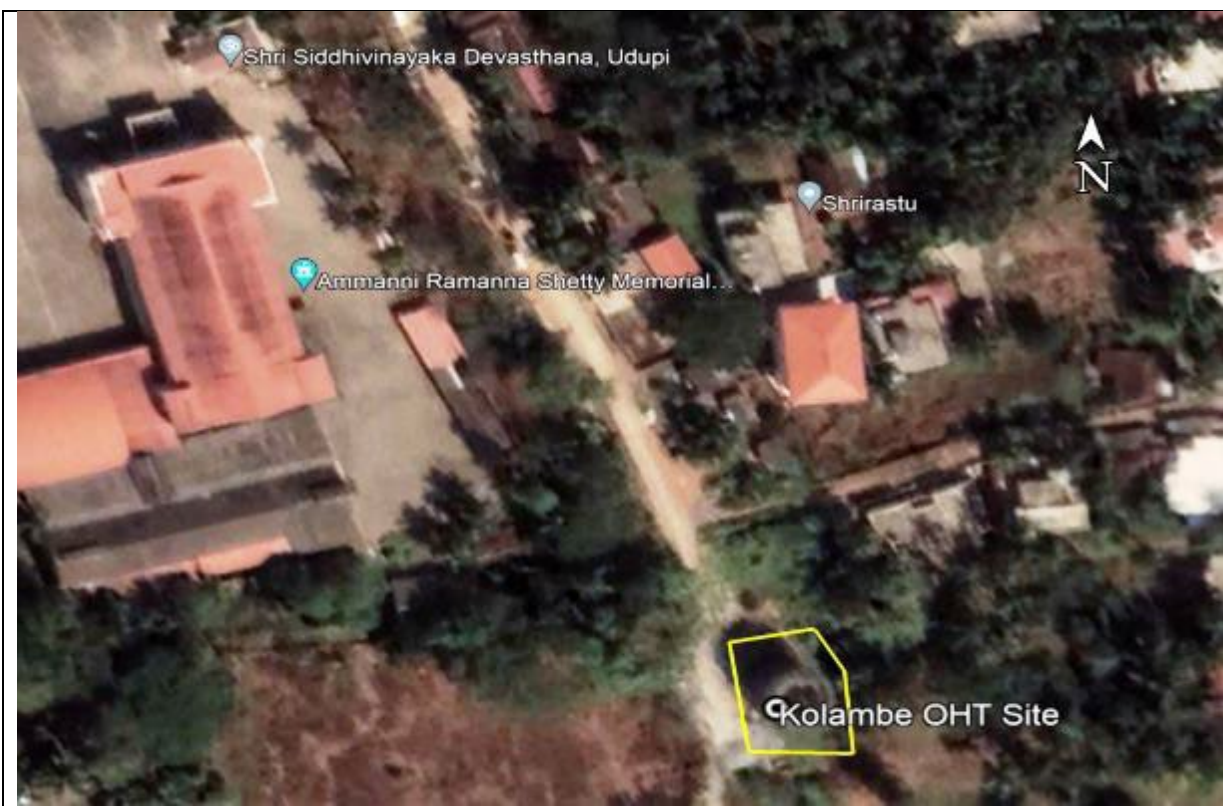
[Ananthanagar OHT Site- Udipi WS](#)



Indrali OHT Site- Udipi WS



Kakkunje OHT Site- Udupi WS



Kolambe (A R Shetty) OHT Site- Udupi WS



Manchi OHT Site- Udupi WS



Manipal Anganvadi OHT Site- Udupi WS



Santhekatte OHT Site- Udupi WS



Kodi OHT site- Kundapura



Halekote OHT Site- Kundapura

COVID-19 Preventive Measures and Safety Protocol Maintained in all 4 PIUs town and PRMU, PMC, Mangalore.