

Land Acquisition and Resettlement Due Diligence Report

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India: Visakhapatnam-Chennai Industrial Corridor
Development Program (VCICDP) - Project 1

Subproject: Development and Rejuvenation of Mudasarlova
Reservoir Catchment Area

Prepared by Greater Visakhapatnam Municipal Corporation, Government of Andhra Pradesh for
the Asian Development Bank

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CURRENCY EQUIVALENTS

(as of 01 September 2018)

Currency unit	=	Rupee (INR)
INR 1.00	=	USD 0.0141
USD 1.00	=	INR 70.6800

ABBREVIATIONS

ADB	–	Asian Development Bank
BRTS	–	Bus Rapid Transit System
DPR	–	Detailed Project Report
DDR	–	Due diligence report
DoI	–	Department of Industries
GHG	–	Green House Gas
GoAP	–	Government of Andhra Pradesh
GVMC	–	Greater Visakhapatnam Municipal Corporation
MFF	–	Multitranchise Financing Facility
PIU	–	Project Implementation Unit
PMU	–	Project Management Unit
R&R	–	Rehabilitation and Resettlement
UCCRTF	–	Urban Climate Change Resilience Trust Fund
VCICDP	–	Visakhapatnam Chennai Industrial Corridor Development Program

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I. INTRODUCTION

A. Background

1. The proposed Visakhapatnam-Chennai Industrial Corridor Development Program (VCICDP) will complement ongoing efforts of the Government of Andhra Pradesh to enhance manufacturing sector growth and create high quality jobs in the state of Andhra Pradesh. The VCICDP comprises: (i) a policy-based loan to support policy reforms, and institutional development in the state's industrial sector; and (ii) a multitranche financing facility (MFF) for priority infrastructure projects within the Visakhapatnam-Chennai Industrial Corridor.

2. Under VCICDP, a UCCRTF Grant has been provided to support GVMC for developing infrastructure and providing services that are more climate change resilient. The grant focuses on investments in two components: Component A - Watershed development and management program in Mudasarlova being the development and rejuvenation of Mudasarlova reservoir catchment area that includes (i) enhancing water storage; (ii) flood control; (iii) checking sedimentation; (iv) conservation of soil and water; (v) increasing green cover and (vi) recharging of ground water and Component B - Harnessing renewable energy and green house gas (GHG) reduction through (i) developing a solar energy park at Mudasarlova/Megadhrigadda lake and (ii) developing a pilot only e-Vehicle zone within the city by procuring and deploying e-Vehicles.

3. The proposed UCCRTF grant will be implemented by GVMC as part of the proposed VCICDP. The Department of Industries and Commerce, GoAP will be the executing agency and the GVMC will be the implementing agency. Moreover, Department of Municipal Administration and Urban Development will be responsible for major decision making in relation to project implementation and GVMC will be responsible for day-to-day project implementation activities

B. Scope of this report

4. This land acquisition and resettlement due diligence report (DDR) is prepared for the rejuvenation of Mudasarlova reservoir (lake) and desilting, lining and sectioning of the inlet channels from the West and North to the reservoir in Visakhapatnam District and proposed under UCCRTF grant.

5. A due diligence process was conducted to examine land acquisition and resettlement issues in detail, in line with Asian Development Bank (ADB's) Safeguard Policy Statement, 2009. This report describes the findings based on the screening site visit carried out on 26 May 2018 and consultations had with the local community and officials of GVMC. Photographs of project location, google images prepared based on coordinates taken during the site visits and revenue records to establish the land ownership are presented in this report. This land acquisition and resettlement due diligence report (DDR) should be read along with the Resettlement Framework prepared for VCICDP.

6. Upon award of contract and before commencement of works, the Safeguard Manager, Social and Gender in the GVMC, the Project Implementation Unit (PIU), will be required to undertake a review of this due diligence report, update if there is any modification in the design of the project and submit the same to the Safeguard Officer in the Project Management Unit (PMU) and ADB.

II. SUBPROJECT DESCRIPTION

A. Proposed components

7. Subproject components proposed under the rejuvenation of Mudasarlova reservoir and desilting and lining of the inlet channels to the reservoir include (i) desilting of the reservoir, (ii) desilting and lining of 2958m long channel in the western side of the reservoir, (iii) desilting and sectioning of 400m long channel in the northern side of the reservoir (iv) disposing of desilted soil in the northern side of the reservoir and (v) contour trenches at the foot of the hills.

Table 1: Summary of Proposed Subproject Components

SNo	Subproject Components	Location	Component Description	Site Photograph
1	Desilting of the Mudasarlova reservoir	In Visakhapatnam City between the longitudes 83°15'50"E and 83°18'30"E and latitudes between 17°45'50"N and 17°48'5"N	Desilting in the middle of the reservoir for 1.2m depth covering an area of 49,000sqm, for 0.6m depth in the slushy area of 99,000sqm and for 0.5m depth in the dry area of 142,000sqm, Excluding the area within 20m from the reservoir bund in consideration of the safety of bund.	
2	Desilting and lining of the 2958m long main supply channel	Western Side of the reservoir	545m lined with concrete, 389m rubble masonry with cement mortar lining, 2024m rubble masonry and desilting of entire 2958m channel.	

SNo	Subproject Components	Location	Component Description	Site Photograph
3	Desilting and lining of the 400m long supply channel	Northern Side of the reservoir	Desilting and sectioning of 400m channel	
4	Disposing of the desilted soil	In survey number 26 and 27 of GVMC land in the Northern side of the reservoir	Disposal of cut earth of 141904 cum to the nearby low lying area in the northern side of the reservoir	
5	Contour trenches	At the foot of the hills of the hills in the southern and northern side	Six numbers of contour trenches of dimension 50m x 1.5m x 1.5m	

8. The subproject also involves planting of 7500 trees in the foreshore of the reservoir in the northern side and western side and inside the reservoir area in the southern side. On the existing bund of the reservoir, grass laying and stone pitching will be done. Further, 75 recharge wells are proposed in the public buildings of the catchment area and rainwater harvesting structures at house level.

9. Provision for seating and LED lamp post on reservoir bund is also made. Installation of automated water level recorder for surface and ground water and a climatic station in the reservoir to record the data and plan for decision making is proposed.

10. All subproject components are proposed in the reservoir area and adjoining land belonging to GVMC that is free from any encumbrance. There are no non-titleholders on these lands. The Simhachalam hill in the southern side is under the control of Simhachalam Devasthanam (temple trust). A schematic drawing depicting the subproject components is given in Appendix-1.

III. FIELD WORK AND CONSULTATION

A. Outline of field work

11. Field inspection of proposed subproject facility locations was undertaken on 26 May 2018. This included field visit along with GVMC officials to the Mudasarlova Reservoir site, the supply channels in the western and northern side of the reservoir, locations where the desilted earth is proposed to be disposed and the hills in which, the contour trenches are proposed. Consultations were held with residents of Ramakrishnapuram settlement, through which the western supply channels passes through and discussions were held with GVMC officials.

B. Consultation

12. Consultations were held with the residents of Ramakrishnapuram and officials of GVMC. The western main supply channel of 2958m passes through the middle of the Ramakishnapuram settlement and along the bus rapid transit system (BRTS) road adjacent to 2-other settlement viz. Pineapple Colony and Dharapalem.

13. Consultations with the residents of Ramakrishnapuram was held on 26 May 2018 in the presence of Assistant Executive Engineer, GVMC, jurisdictional Work Inspectors, GVMC and chaired by local Community Leader. The participants comprising 10 women from the settlement were informed about the proposed project and the subproject components, in particular the improvements proposed for the western main supply channel that passes through the settlement. It was explained to the participants that the 369m length of the channel that passes through the settlement would be desilted for 0.5m, filled with 0.2m river sand and 0.3m of stone bed. Further, the present earthen channel would be lined with rubble masonry with cement mortar. They were assured that the proposed works will not affect the houses abutting the channel. The meeting attendance sheet is given in Appendix-2.

14. There were no major concerns from the participants, who were keen to know when they would get the underground sewer network. Currently, the households have septic tanks and discharge waste water into the supply channel. The GVMC officials informed the participants that the sewer main laying work has been completed and hence in a few months they would be getting individual house connections. Participants reported that they have no problem with drinking water as it is supplied through tankers by GVMC and for other requirements, GVMC has provided handpumps in the settlement. Solid waste bins have been provided in strategic location by GVMC and they are collected on a daily basis. The participants were asked why they dump solid waste into the channel when there is system in place. The participants reported that it is others who throw solid waste into the channel. Most of the women work either as house maids or as attenders in school or as casual labourers. The men work either in private sector organisations or operate autorickshaws or work as labourers.



Participants in the consultations



GVMCs Solid Waste Collection in Progress

15. On 27 May 2018, GVMC officials visited all the 53 houses abutting the channel and individually informed each household about the proposed improvements to the channel that would be carried out without any impact to their structures. The list of households abutting the channel, who were informed about the proposed improvements is given as Appendix-3. There is no private land involved in this project.

IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

A. Findings

16. Reservoir: The catchment area of the Mudasarlova reservoir basin is 16.4 sq km and this catchment is located between Kailasagiri, Kambala Konda and Simhachalam hill. This reservoir was constructed and completed during the year 1902, which is 13 km away from the main distribution center of water for the city called Town Service Reservoir at Dwarakanagar¹. The reservoir is owned and maintained by GVMC. Certification from GVMC towards the ownership of the reservoir, the channels and the site for disposal of silt is provided in Appendix-4.

Photographs of the Mudasarlova Reservoir



DPR File Photo



May 2018

¹ Source: Detailed Project Report prepared by consultants

17. The indicative location of the Mudasarlova reservoir is depicted as a google earth image below.

Figure 1: Google Earth Map showing Location of Mudasarlova Reservoir



18. Supply Channels: The 2958m main supply channel on the western side of the reservoir and the 400m supply channel on the norther side of the reservoir are existing channels that would be desilted and lined. The western supply channel runs parallel to the road adjoining 2-settlements viz. Dharapalem and Pineapple colony and passes through the Ramakrishnapuram settlement before joining the reservoir. The length of the section of the western supply channel that passes along the settlements is given in the table below.

Table 2: Length of Channel Passing along Settlements

SNo	Settlement Name	Length in Meter	Type of Channel		IR Impacts
			Existing	Proposed	
1	Dharapalem (channel runs along the BRTS Road and the settlement)	545	RCC Channel	No Change	No widening is proposed and the existing channel will only be desilted No impact and there is road access from BRTS road
2	Pineapple Colony (channel runs along the BRTS Road and the settlement)	1782	Earthen	Rubble masonry with cement mortor	No widening is proposed and the existing channel will only be desilted and lined No impact and there is road access from BRTS road

SNo	Settlement Name	Length in Meter	Type of Channel		IR Impacts
			Existing	Proposed	
3	Ramakrishnapuram (within the settlement and between row of houses)	369	Earthen	Rubble masonry with cement mortar	No widening is proposed and the existing channel will only be desilted and lined No impact and there is road access at select intervals.

Photographs of the Western Channel Passing along the Settlements



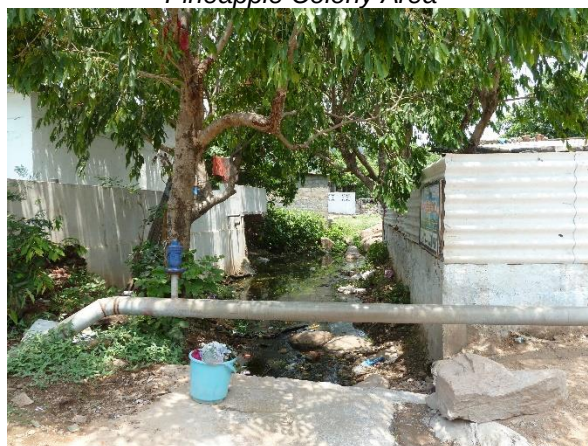
Dharapalem Area



Pineapple Colony Area

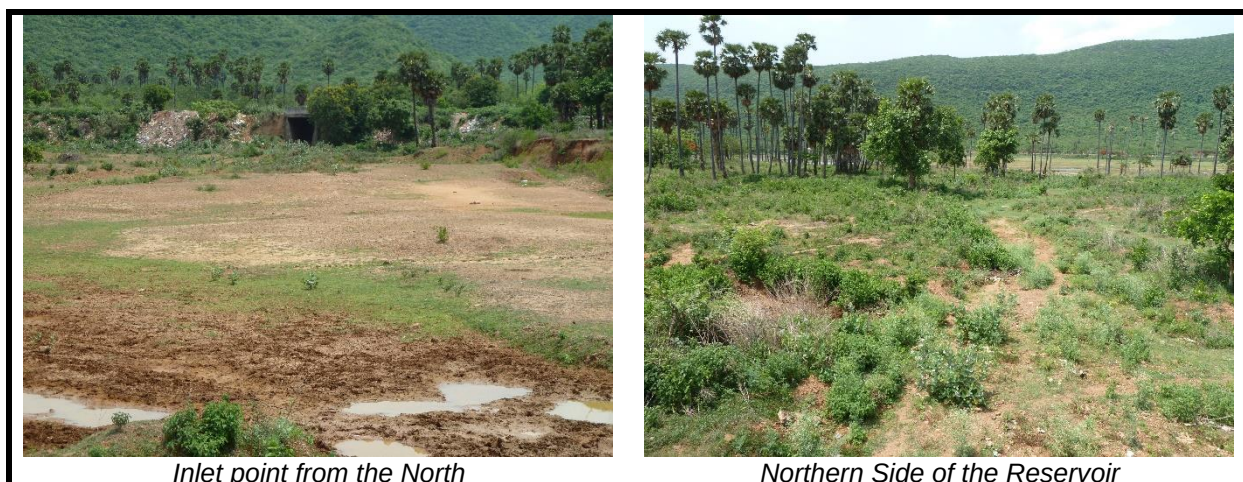


Ramkrishnapuram Area



Ramkrishnapuram Area - There will be no impact to water supply pipeline and the air vent that runs above the culvert

19. The 400m supply channel on the northern side is an existing earthen channel in GVMC land and is proposed to be desilted and sectioned well.



20. Disposal Area: The desilted soil (cut earth) from the reservoir of about 141904 cum is proposed to be disposed in low lying land adjacent to and on the northern side of the reservoir, belonging to GVMC. The land is free from encumbrance, there are no non-titled users and no buildings. The combined sketch and the revenue *adanga*² (land record) copy are given in Appendix-5 and Appendix-6 respectively, that establish GVMC's ownership of land.

21. Contour trenches: Six numbers of contour trenches of dimension 50m x 1.5m x 1.5m are proposed at the foot hills on the southern and northern side.

V. CONCLUSIONS

A. Summary and Conclusions

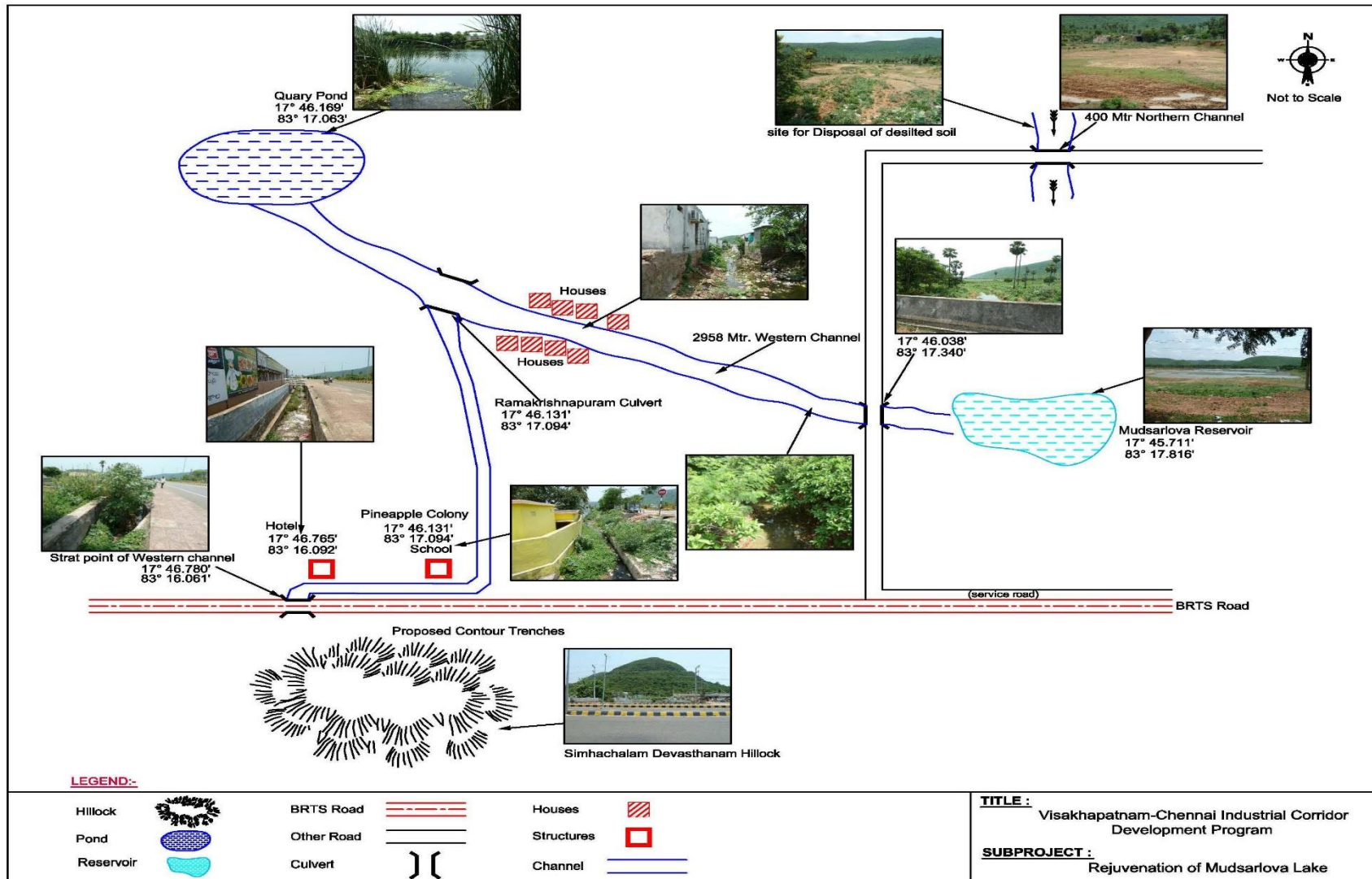
22. No involuntary resettlement impacts are assessed at the identified sites as the reservoir and the silt disposal site belong to GVMC, the supply channel in the western and northern side are existing supply channels and only desilting and lining is proposed without any widening of the channel, and the contour trenches are proposed in the hills under the control of the forest department and simhachalam devasthanam board. All sites and channels are free from encumbrance, there are no non-titled users and no buildings. The subproject does not involve use of any private land.

23. Consultations will be held during the project implementation with the residents of Dharapalem, Pineapple Colony and Ramakrishnapuram, the settlements adjacent to the supply channel on the western side, giving them details of the schedule of construction and addressing construction related concerns, if any. Consultations will be documented and reported in the social safeguards monitoring reports.

24. This DDR needs to be updated by the GVMC in case of any design changes or site or area (land requirement) changes, and the updated DDR needs to be approved by ADB prior to start of civil works. Prior to award of contract, GVMC will obtain necessary no objection letters from the forest department and Simhachalam Devasthanam board for digging of the contour trenches at the foot hills.

² *Adangal* is a record maintained by revenue department that provides the ownership details of each land parcel.

Schematic Drawing of the Subproject Components



Ramakrishnapuram Meeting Attendance Sheet

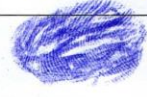
విశాఖపట్నం నుండి చేస్తే వరకు

పారిశ్రామిక వాడ అభివృద్ధి చేయుటకు (వి.సి.ఐ.సి.డి.సి)

ప్రజా సంప్రదింపులు / సాముహిక చర్చనీయాంశాలు

హాజరు పట్టిక

తేది : 26/05/2018			
ప్రదేశం : రామకృష్ణపూరి			
క్ర.సం.	పేరు	ఫోన్ నెం.	సంతకం
1.	D. శశిధర్	7731970617	D. శశిధర్
2.	P. Sirisha	7674885025	P. Sirisha
3.	K. Jyothi	9573772141	K. Jyothi
4.	P. Lakshmi	7674885025	P. Lakshmi
5.	P. mangamma	7036235733	P. mangamma
6.	E. Samsuathi	9394135602	E. Samsuathi
7.	B. Parvathi Lakshmi	9866887224	B. Parvathi Lakshmi
8.	A. Appanna	7036002248	A. Appanna
9.	P. Teevana	7095542841	P. Teevana

క్ర.సం.	పేరు	ఫోన్ నెం.	సంతకం
10.	జి.శివారావు		జి.శివారావు
11.	A. Kanthamma.	7036002248.	
12.	D. V. C. D. Sekhara	8522899112	Sec
13.	N. NARAYANA.	9703942836	Nam
14.	T. Rama Naidu	7729995926	Ram

Appendix 3

Ramakrishnapuram Households abutting the Channel consulted by GVMC

SNo	Name	Door Number	Towards Reservoir		Description of Structure along the Canal	Phone Number
1	G. Sridevi	19-200/5		R.H.S	Compound wall	8008877582
2	K. Lakshamana Rao	19-192/25		R.H.S	Building cum Compound wall	9542450355
3	K. Sunitha	19-192/22	L.H.S		Compound wall	Nil
4	R. Venkata Ramana	19-232/12	L.H.S		Building cum Compound wall	9866073053
5	A. Ramatulasi	19-232/13	L.H.S		Building Wall	8985951275
6	B. Tarakesh	19-232/16	L.H.S		Building Wall	9491627146
7	V. Siva Kumari	19-215/8	L.H.S		Building Wall	Nil
8	B. Kalyan	19-232/19	L.H.S		Building Wall	8106584450
9	M. Ramu Naidu	19-232/23	L.H.S		Building Wall	9912515362
10	M. Sathibabu	19-232/24	L.H.S		Building Wall	9000906035
11	N. Appala Ramana	19-232/25	L.H.S		Building Wall	7661061666
12	P. Appala Naidu	19-232/25	L.H.S		Building Wall	9542970046
13	D. Srinivas	19-232/39	L.H.S		Building Wall	9542970046
14	D. Kanakadurga	19-232/42	L.H.S		Building Wall	9912569974
15	D. Venkatalakshmi	19-212/3	L.H.S		Building Wall	8374118863
16	C. Dhana lakshmi	19-153/3		R.H.S	Building Wall	Nil
17	A. Surya prakash	19-192/24		R.H.S	Toilet Cum Building Wall	9059340906
18	S. Mani raju	19-192/23		R.H.S	Toilet Cum Building Wall	7659340906
19	P. Lakshmi	19-154/2		R.H.S	Toilet Cum Compound Wall	7674885025
20	Ch. Raju Babu	19-154/3		R.H.S	Toilet Cum Compound Wall	Nil
21	P. Srinu			R.H.S	There is a Space between building and Canal	9441647446
22	S. Adhi Lakshmi	19-220		R.H.S	Toilet Cum Compound wall	7330709420
23	T. Suresh	19-216/A		R.H.S	Building Wall	Nil
24	Manga	19-216/1		R.H.S	Compound Wall	Nil

SNo	Name	Door Number	Towards Reservoir		Description of Structure along the Canal	Phone Number
25	S. Varalakshmi	19-177/87		R.H.S	Building Wall	9989560451
26	SK. Masan B	19-200/5		R.H.S	Compound Wall	Nil
27	K. Nagamani	19-183/2		R.H.S	There is a Space between building and Canal	9848890910
28	G. Ramanamma	19-177/B		R.H.S	Toilet Cum Compound Wall	8106509959
29	S. Lakshmi	19-177/7		R.H.S	Toilet Cum Compound Wall	Nil
30	S. Devi	19-177/7		R.H.S	Toilet Cum Compound Wall	9912498905
31	R. Purnima	19-177/9		R.H.S	Toilet Cum Compound Wall	Nil
32	D. Achari	19-177/58		R.H.S	Building Wall	8179103369
33	G. Appala Narasamma	19-177/23		R.H.S	Toilet Cum Compound Wall	7893905331
34	K. Kamalakumari	19-179/9		R.H.S	Compound Wall	9553813047
35	K. Lakshmi	19-177/56		R.H.S	Building Wall	9491553769
36	K. Lalita Nookambika	19-177/55		R.H.S	Toilet Wall	Nil
37	A. Durga Prasad	19-180/12		R.H.S	Building Wall	7382556159
38	L. Navya Jyothi	19/177/13		R.H.S	Compound Wall	Nil
39	B. Surya Kumari	19/159/11		R.H.S	Compound Wall	9652143915
40	K. Venkateswara Rao	19/177/10		R.H.S	Compound Wall	Nil
41	S. Apparao	19/177/19/8		R.H.S	Compound Wall	9553331090
42	B. Nagamani	19/177/9/7		R.H.S	Compound Wall	9866734318
43	N. Manga	19/177/2		R.H.S	Compound Wall	Nil
44	K. Ramana murthy	19/177/62		R.H.S	Compound Wall	7702913343
45	P. Bhanu	19/177/62/1		R.H.S	Compound Wall	8985293523
46	B. Santhosh	19/179/79/6		R.H.S	Toilet Cum Compound Wall	9553141769
47	G. Nagamani	19/188/1		R.H.S	Toilet Cum Compound Wall	9849213915
48	B. Kondamma	19/179/3		R.H.S	Toilet Cum Compound Wall	7702212830
49	T. Vasanthi	19/158/13		R.H.S	Compound Wall	8374961438
50	Gunavathi	19/158/9/1		R.H.S	Toilet Cum Compound Wall	Nil
51	P. Kokila	19/159/3		R.H.S	Toilet Cum Compound Wall	Nil
52	T. Mohan	19/158/13		R.H.S	Compound Wall	8501840915
53	S. Sridevi	19/179		R.H.S	Toilet Wall	9640625295

**Letter of Certification from GVMC towards Ownership of reservoir, Channels and
Silt Disposal Site**



GREATER VISAKHAPATNAM MUNICIPAL CORPORATION,
VISAKHAPATNAM

6th July 2018

To Whom So Ever It May Concern

Greater Visakhapatnam Municipal Corporation (GVMC) as part of its Rejuvenation of Mudasarlova Reservoir Project will be carrying out (i) Desilting of the reservoir; (ii) Desilting and lining of 2958m long channel in the western side of the reservoir; (iii) Desilting and sectioning of 400m long channel in the Northern side of the reservoir; (iv) Disposing of desilted soil in the vacant site in the northern side of the reservoir; and (v) Construction of contour trenches on the foothills.

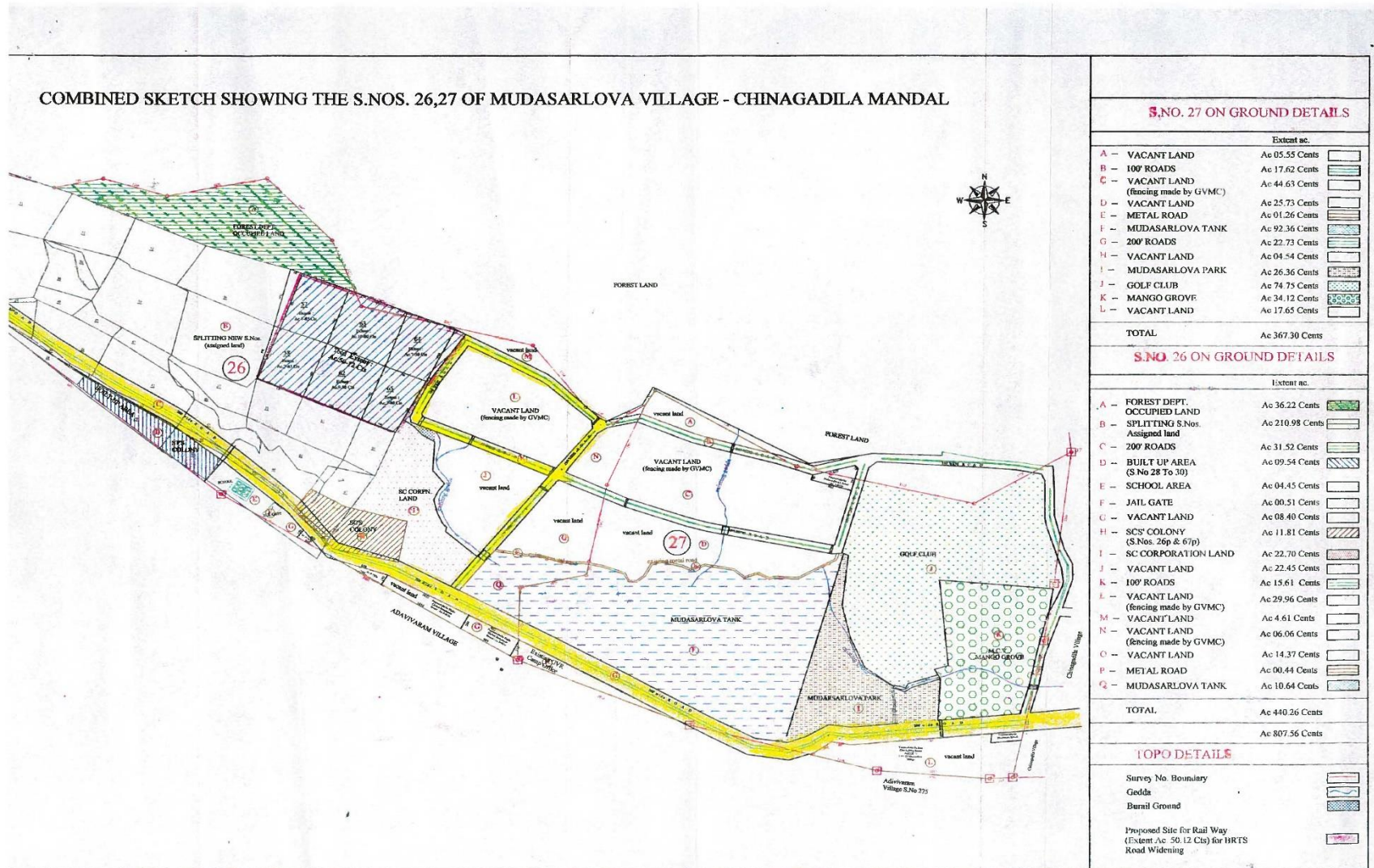
GVMC hereby certifies that the reservoir, Channels and the site for disposal of silt are vested with GVMC, free from encumbrance and GVMC is the absolute owners of the same.

The contour trenches are proposed in the hills on Southern side belonging to Simhachalam Devasthanam. GVMC will obtain necessary no-objection letters from Simhachalam Devasthanam prior to award of civil works and shall present the same to ADB.


06/07/18

Executive Engineer
Projects Division-II
GVMC

Combined Sketch of the Reservoir and the Silt Disposal Site



Adangal (Land Record) of the Reservoir and the Silt Disposal Site

http://www.meebhoomi.ap.gov.in/ViewROR.aspx?v=h9+Wqe2a4v6v5IBOcHaw==&k=nU7v...

ఆంధ్ర ప్రదేశ్ ప్రభుత్వము, రెవెన్యూ శాఖ
భూమి రికార్డుల వివరములు
I-బి నమూనా

జిల్లా పేరు : విశాఖపట్నం
గ్రామం పేరు : ముడసర్లోవా

మండలం పేరు : విశాఖపట్నం(రూరల్)
విస్తీర్ణం యూనిట్లు : ఎకరములు/ సంఖ్య

వరుస సంఖ్య (1)	పట్టాదారుని పేరు (2)	తండ్రి/ భర్త పేరు (3)	ఖాతా సంఖ్య (4)	సర్వే నెం./ సబ్ డివిజన్ సంఖ్య (5)	భూమి వివరణ (6)	విస్తీర్ణం (7)	పట్టాదారుకు ఏ విధంగా సంక్రమించింది/ సాగు చేశారు (8)
1	Other Department Lands	Other Department Lands	20002102	26	సూర్య	270.0000	ప్రభుత్వ భూమి
2				27	సూర్య	567.0000	ప్రభుత్వ భూమి
					మొత్తం విస్తీర్ణం	837.0000	

ఈ రెవెన్యూ రికార్డు ను మీ భూమి ఎబ్ సైట్ నుండి , 04/06/2018 16:23:31 న IP number : 117.254.94.51 ద్వారా ప్రింట్ చేయబడినది.

Color indicates dispute survey numbers Color indicates Digitally signed records Color indicates Notational Khata's

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1 of 1

04-06-2018 16:34

Above Land Record Translated:

District - Visakhapatnam Village - Mudasarlova				Mandal - Visakhapatnam Rural Area in Unit - Acre and Cents			
SNo	Name of Owner	Father/ Husband Name	Katha No	Survey/Sub Division No	Land Details	Area	Mode of Ownership
1	Other Department Lands	Other Department Lands	20002102	26	Lake	270.0000	Government Land
2				27	Lake	567.0000	
						837.0000	

జిల్లా పేరు : విశాఖపట్నం
మండలం పేరు : విశాఖపట్నం(రూరల్)
గ్రామం పేరు : ముడసల్లోవ

చదున సంఖ్య (1)	సర్వే నెం (2)	మొత్త విస్తీర్ణం (3)	సాగుకు పనికి రాని విస్తీర్ణం (4)	సాగుకు పనికి వచ్చు విస్తీర్ణం (5)	మూమి స్వభావం (6)	శిస్తు (రూ.) (7)	మూమి వివరణ (8)	జలాధారము (9)	అయకట్టు విస్తీర్ణం (10)	ఖాతా నెంబరు (11)	పట్టాదారు పేరు (లేండ్రి/భర్త పేరు) (12)	అనుభవ దారు పేరు (లేండ్రి/భర్త పేరు) (13)	అనుభవ విస్తీర్ణం (14)	అనుభవ స్వభావం (15)	రిమార్కులు (16)
1	26	270.0000	0.0000	270.0000	ప్రభుత్వమూమి	0.00	సుయ్య	...	0.0000	20002102	Other Department Lands (Other Department Lands)	Other Department Lands (Other Department Lands)	270.0000	unknown	

1 of 1

04-06-2018 16:27

Above Land Record Translated:

District - Visakhapatnam
Mandal - Visakhapatnam Rural
Village - Mudasarlova

SNo	Survey No	Total Area	Area not used for cultivation	Area used for cultivation	Land Condition	Tax	Land Details	Source of Water	Ayacut Extent	Katha No	Name of owner	Father/Husband Name	Extent used	Condition of used area	Remarks
1	26	270.0000	0	270.0000	Government	0	Lake	-	0	20002102	Other Department Lands	Other Department Lands	270.0000	unknown	

జిల్లా పేరు : విశాఖపట్నం
మండలం పేరు : విశాఖపట్నం(రూరల్)
గ్రామం పేరు : ముడసల్లోవ

వరుస సంఖ్య (1)	సర్వే నెం (2)	మూర్తి విస్తీర్ణం (3)	సాగుకు పనికి రాని విస్తీర్ణం (4)	సాగుకు పనికి వచ్చు విస్తీర్ణం (5)	భూమి స్వభావం (6)	శిస్తు (రూ.) (7)	భూమి వివరణ (8)	జలాధారము (9)	ఆయకట్టు విస్తీర్ణం (10)	ఖాతా నెంబరు (11)	విజ్ఞాపన పేరు (ఈడ్రీ/చద్ర పేరు) (12)	అనుబంధ దారు పేరు (ఈడ్రీ/చద్ర పేరు) (13)	అనుబంధ విస్తీర్ణం (14)	అనుబంధ స్వభావం (15)	రిమార్కులు (16)
1	27	567.0000	0.0000	567.0000	ప్రభుత్వభూమి	0.00	నీయ్య	...	0.0000	20002102	Other Department Lands (Other Department Lands)	Other Department Lands (Other Department Lands)	567.0000	unknown	

Above Land Record Translated:

District - Visakhapatnam
Mandal - Visakhapatnam Rural
Village - Mudasarlova

SNo	Survey No	Total Area	Area not used for cultivation	Area used for cultivation	Land Condition	Tax	Land Details	Source of Water	Ayacut Extent	Katha No	Name of owner	Father/Husband Name	Extent used	Condition of used area	Remarks
1	27	567.0000	0	567.0000	Government	0	Lake	-	0	20002102	Other Department Lands	Other Department Lands	567.0000	unknown	