

**BEFORE THE NATIONAL GREEN TRIBUNAL  
SOUTHERN ZONE, CHENNAI  
ORIGINAL APPLICATION No. 156 OF 2016 (SZ)**

**IN THE MATTER OF:**

Human Rights and Consumer Protection Cell Trust  
and Ors

....

Applicant(s)

Versus

Chief Secretary,  
Govt. of Telangana & Others

....

Respondent(s)

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**Place: Hyderabad.**

**Date: 26-06-2021.**

**Status Report of the Chief Secretary, State of Telangana (Respondent No.1) in Original Application (OA) No.156 of 2016 pertaining to lakes in Ameenpur (V&M), Sangareddy District, Telangana State:**

It is to submit that OA Nos. 115 & 156 of 2016 were filed in the Hon'ble NGT by Human Rights and Consumer Protection Cell Trust and Others regarding the encroachments made and Pollution of the Water Bodies in Ameenpur (V&M), Sangareddy District, Telangana State.

The Hon'ble NGT has given following directions vide orders dated 27-05-2021:

1. Hyderabad Metropolitan Development Authority (HMDA) and Irrigation Department to submit independent reports regarding protecting the water bodies
2. The PCB, local bodies and LPC are directed to submit action plan for protection of water bodies including the maintenance of inlets and outlets to make the water bodies alive. The action plan should specify shorter time lines within which they can be able to implement the same

In compliance to the Hon'ble NGT directions, TSPCB in consultation with the Stakeholder Departments has prepared an Action Plan on the removal of encroachments and restoration of Water Bodies of Ameenpur along with timelines:

**I. Proposed Action Plan with the Activities, responsible Line Departments and the timelines: -**

S. No	Department	Action points & present status	Timelines
1	Revenue	Serving of notices to illegal encroachments	30, June, 2021
	Department, Sangareddy	Removal of the encroachments:	1 <sup>st</sup> week of July, 2021
		Removal of 55 encroachments with only basements	
		Allotment of the land for STP	31 <sup>st</sup> July, 2021
2.	I&CAD	<b><u>Protection of water bodies:</u></b> Erecting boundary pillars all along the FTL boundaries of the water bodies, to prevent further encroachment. The administrative sanction for the work of erection of boundary pillars costing Rs.64.40 Lakhs is accorded vide G.O. Rt. No.226 I & CAD (MI) Dept Dt:18.06.2021 and the tendering process of the same is under progress.	November, 2021
		<b><u>Maintenance of Inlets and Outlets:</u></b> Detailed survey of the catchment area, identification of inlets and outlets of water bodies will be taken up by engaging specialists in survey work. Based on the recommendations of the survey report, the restoration works of inlets and outlet channels and removal of	February, 2022

②

S. No	Department	Action points & present status	Timelines
		obstructions to water flow will be taken up.	
3.	HMDA/ Lake Protection Committee	Notification of the remaining lakes	July, 2021
4.	Ameenpur & Local Bodies:	Construction of the Under Ground drainage (UGD) for diversion of the sewage water.	July, 2021
		<b>Septage management:</b> The sludge is being collected and transported to the HMWSSB Co-treatment facilities of Khajaguda or Nanagakramguda STPs. 5 operators are empanelled with HMWSSB.	To Continue
		Storm Water Drains construction	July, 2021
		<b>Solid waste management:</b> Segregated Municipal solid waste is being collected from households on daily basis.	To continue
		Removal of water hyacinth	June, 2021
		Establishment of Transfer Station	July, 2021
		5.	HMWSSB
Construction of the STP			
6.	TSPCB	<b>Industrial Effluent management:</b> Monitoring of the industries through IP cameras	Continuous activity
		Inspection of the Industries and initiating action on the non-compliances.	Quarterly
		Monitoring of the lakes and sharing the information of the water quality with the stake holder departments.	Monthly

- II. Further, direction was issued in the order dated:27-05-2021 that, the Chief Secretary and the concerned Principal Secretary will also file their status report regarding the implementation of the decisions taken in the lower level for the purpose of protecting the water bodies mentioned in these cases before the next hearing date.

In compliance to the above and in continuation to the activities submitted by the Government through its report dated 4-12-2020, the status of the implementation of the activities by the concerned departments are submitted below:

**1. Whether the FTL has been fixed for the water bodies.**

FTL survey of all the 14 water bodies in Ameenpur Village is completed and the FTL points were fixed.

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**2. Whether any Buffer zone of the water body fixed from the FTL to declare that as Non-Development zone.**

The FTL boundary and corresponding buffer zone boundary is fixed for all the water bodies and clearly marked with geo-coordinates in the FTL maps as per the conditions stipulated under G.O.Ms.No 168 of MA&UD Department, Dated: 07-04-2012. Accordingly cadastral maps of all the water bodies are prepared.

The statements pertaining to the fixing of the FTL, buffer zone are placed at **Annexure-I**. The Cadastral maps of all water bodies are prepared and copies of the same are placed at **Annexure-II**. HMDA has issued final notification for 3 lakes, preliminary notification for 9 lakes and issue of preliminary notification for the remaining 2 lakes is under process.

**3. Whether all the water bodies were inventorised and notified under the wetlands (Conservation & Management) Rules, 2017.**

All the fourteen (14) Water Bodies in Ameenpur village have been inventorised. Further, it is submitted that the human made water bodies/tanks does not come under wet lands as per part II section 3 (1) of the Wetlands (Conservation and Management) Rules 2017.

**4. Whether there exists any encroachments and if so what steps taken by the authorities to remove the same.**

The identification of encroachments and enumeration of structures falling under FTL and Buffer zone of 14 water bodies are completed.

- A total of 881 encroachments are identified in 11 Water Bodies (**Annexure-III**). There are 770 permanent structures (724 residential houses, 35 indiramma houses and Religious structures) and 111 temporary structures (56 houses & 55 vacant plots).
- Notices were issued to 780 structures under section 23 of Telangana Water, Land and Trees Act (WALTA). Remaining notices could not be issued as owners could not be identified. Ameenpur Municipality issued notices to 637 identified encroachers under the Town & Country planning rules.
- 259 replies were received from the encroachers submitting that, they are residing in those houses for the past 20 years with necessary permissions and also have been facilitated with basic amenities.

The statement of encroachments in the FTL area is placed at **Annexure-III**.

**5. What are the steps taken to prevent further encroachments of the water bodies and restoration of the water bodies which have been recovered.**

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a. Steps taken to prevent further encroachments:

- i. **FTL, buffer and fencing:** The FTL and Buffer zones are fixed for all the 14 lakes. The Irrigation department is sanctioned with an amount of Rs.64 .40 lakhs and is in the process of erecting the fencing pillars at the boundaries of the FTL.
- ii. **Constitution of vigilant teams:** The Lake Protection Committee Meeting was conducted and formed vigilant teams comprising of members from **Revenue, Irrigation, Municipality, HMDA and Police Departments** to safeguard and to protect the water bodies.
- iii. **Point Person:** Tahsildar is appointed as 'Point Person' for each water body under their jurisdiction. Display boards erected at every water body mentioning the name and phone number of the "Point Person" and the Girdawar of the Mandal concerned is made Supervisory Officer.

b. Restoration measures taken and under progress:

- iv. **Repairs and Restoration works of 10 water bodies of Ameenpur Village:** The works has been taken up under Prestigious Mission Kakatiya program such as Bund strengthening, Repairs to weir and sluice etc with a sanction amount of Rs.496.00 Lakhs. The details of which are placed in **Annexure-IV**
- v. **28 MLD STP at Ameenpur Pedda cheruvu:** DPR is prepared for construction of 28 MLD STP at Ameenpur Peddacheruvu with an estimate of Rs.101 Crores. The administrative sanction is under process. The land required for construction of the STP is 4 acres, out of which 1.2 acres is already allotted to HMWSSB and remaining 2.8 acres land allotment is under process.
- vi. **Storm water drain network** construction is under progress at the following locations:
  - a. To divert excess water flow from Upstream areas to Uskebavi, a 450 M pipe line was laid (60% of work is completed) and remaining work will be completed by 30<sup>th</sup> June, 2021.
  - b. To divert excess water flow from Upstream of Shambuni kunta, a 850 M pipe line was laid with an amount of Rs.50.00 lakhs.
- vii. **Underground Sewage Network** is under progress at the following locations :
  - a. The work is in progress in Ameenpur municipality for ensuring 100% Under Ground Drainage(UGD) lines and ensuring that no UGD line is being connected to the Water Bodies.
  - b. An amount of Rs.1 crore for the main trunk line (2.2 KM) for diverting the sewage from upstream into Sambhi Cheruvu is in Progress. 50% work is completed and the remaining work will be completed before July, 2021.

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- c. The main trunk line of 600 mm dia. up to a length of 450 M is being laid for diverting the sewerage from the Upstream of Bandamkommu cheruvu with an amount of Rs 49.00 Lakhs. The work will be completed before July, 2021. Further, notices were issued to Upstream Residential colonies for constructing STP. The survey for Construction of Sewerage treatment Plant (STP) is in progress.
- d. A Detailed DPR is being prepared for the requirement of new STPs to meet the demands of the existing population through a private agency -NCPE and is in progress.

viii. **Septage Management:** The sludge collected is brought to the Co-treatment facilities of Khajaguda or Nanagakramguda STPs. 5 operators are empanelled with HMWSSB for the Ameenpur and surrounding areas.

ix. **Water Hyacinth:** The removal of the water Hyacinth in the water bodies will be completed by the end of the June, 2021.

**6. Is there any dumping garbage and discharge of non-treated sewage or trade Effluent into the water bodies and if so what action was taken.**

i. **Garbage Dumping:** There is no garbage dumping in any of the above lakes and measures taken for solid waste management are as follows:

- 11 No.s of Sanitation vehicles and 70 no of private vehicles are deployed for ensuring 100 % door to door garbage collection, on daily basis.
- The collected garbage being segregated at existing Dump yard and Construction of new DRCC center with estimated cost of Rs.38.00Lakhs is in progress.
- The Bio-mining of existing legacy waste at Ameenpur dump yard is under operation since January 2020.
- Around 32MT of the daily door to door garbage which is collected from residential and commercial establishments is being transported to Jawaharnagar MSW facility since January 2020 for further processing.

ii. **Discharge of untreated sewage:**

Sl. No	Sewage inlets	Details of the Water Bodies	Water Quality Classification	Gist of Water quality of Water Bodies
1.	No pollution	1. Shetty Kunta, 2. Gandhi Kota 3. Kummari Kunta) 4. Uba Kunta/ Dubba Kunta	Pre-monsoon B class	<b>Pre-monsoon range of concentrations are as follows:</b> i. Faecal Coliform - not present, ii. Total Coliform – Ranging from 24 to 1600 MPN/100 ml iii. BOD – ranging from 2.8 to 13 mg/l iv. DO – ranging from 2.0 to 6.4 mg/l
2.	Sewage flow through drains	1. Sambhi Cheruvu / Sandudunte Kunta 2. Bandamkommu 3. Ameenpur Pedda Cheruvu	Pre-monsoon D class	
3.	surface runoff from	1. Uskebavi Kunta	Pre-monsoon D class	

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Sl. No	Sewage inlets	Details of the Water Bodies	Water Quality Classification	Gist of Water quality of Water Bodies
	upstream residential areas	2. Shambuni / Devuni Kunta 3. Kotha Cheruvu		<b>Monsoon range:</b> i. Faecal Coliform - not present, ii. Total Coliform – Ranging from 21 to 920 MPN/100 ml iii. BOD – ranging from 2.1 to 9 mg/l iv. DO – ranging from 3.7 to 6.8 mg/l  The concentrations are generally higher in pre-monsoon season when compared to post monsoon.
4.	Lakes that are dry during summer	1. Pochamma Kunta 2. Upparivani Kunta 3. Koneti Kunta 4. Kunta Shikam		

**iii. Trade Effluents:**

It is to submit that, only one lake (Ameenpur Pedda cheruvu) catchment has 10 industries. The details of the industries are placed at **Annexure-V**. The finger print analysis carried out by the TSPCB in the drains and in the lake didn't reveal any contamination from these industries.

- The 10 industries are located in upstream of Ameenpur Pedda Cheruvu Lake are permitted to operate without any outside discharges. ( Treatment through Zero Liquid Discharge or CETP membership)
- The fingerprint analysis of samples collected from the tank and the drains in April 2020 indicate no discharge of industrial Effluents into the lake.
- All these industries have been reviewed by the Board and issued with directions of not to discharge any waste water outside the premises.
- As per the directions issued by the Board, all these industries have installed IP cameras on the drains adjacent to the industries and at the Effluent loading area. The IP cameras are connected to the TSPCB server.
- The Board officials inspected these industries on 12<sup>th</sup> & 13<sup>th</sup> May, 2021 and observed no discharges.

7. While considering the water quality of the water bodies they should also consider the quantity of the faecal coliform and total coliform as one of the criteria of fixing the standard of water as directed by the principal bench of the National Green Tribunal New Delhi in a similar matters and what are the steps taken for treating the water if contaminated to make it potable water as well as irrigation purpose.

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It is to submit that Total Coliform and Faecal Coliform are also being monitored in the lakes. The water quality is in the range of B to D category as per CPCB criteria. (The lake water in the D category is fit for irrigation purpose). The ongoing measures submitted above will further improve the quality of the water. The water bodies will be monitored by TSPCB on monthly basis to ascertain the water quality to sensitise the stakeholder departments for initiating necessary measures if required.

The Government of Telangana has taken up massive Programme 'Mission Kakatiya' for restoring the water bodies and to increase their water holding capacity. The Government is committed for safeguarding and restoration of the water tanks in the State and shall take all steps, as per the directions of Hon'ble NGT, for the restoration of Ameenpur Lakes.



**CHIEF SECRETARY**

**Chief Secretary  
Govt. of Telanagana  
Hyderabad-500 063.**

Statement showing the details of the Lakes pertaining to the Ameenpur (V&M), Sangareddy District, Telangana State:

Sl. No	Lake Name	Lake ID	Preliminary Notification	FTL Area as per PN (Acres)	Water Spread Area as per PN (Acres)	Final Notification	Buffer Area (Acres)
1	Pochamma Kunta	1200/33	6/7/2014	20.926	15.393	2/18/2021	1.700
2	Uba Kunta/Duba Kunta	1200/31	6/7/2014	54.468	No water	2/18/2021	7.468
3	Shetti Kunta						
4	Bandam Komma Cheruvu	1200/43	7/9/2018	27.056	17.708	2/18/2021	10.875
5	Uskebavi Kunta	1200/32	6/7/2014	30.480	25.460		**6.5
6	Upparivan i Kunta	1200/N/0017	3/6/2020	6.110	0.283	-	**1.5
7	Sambuni Kunta	311	9/25/2020	22.801	7.862	.	**2.075
8	Sambi Kunta	1200/N/0018	9/25/2020	28.382	9.491	.	**9.725
9	Ummari Kunta	1200/48	6/7/2014	13.312	2.914	.	**2.475
10	Pedda Cheruvu	1200/34	3/20/2017	453.459	191.685	.	**52.025
11	Kotha Cheruvu						
12	Kunta Shikam	1200-N-0013	3/6/2020	1.129	0.057		**0.35
13	Gandi kunta	1200/N/001	-	**6.425	**3.773	-	**1.675
14	Koneti Kunta	1200/N/0014	-	**6.925	**0.283	-	**1.300

Note : The figures marked as \*\* are taken based on the data source of Irrigation Dept.

Statement showing status of lake notification regarding NGT case 156/2016( Ameenpur ( V & M ), Sanga Reddy District

Sl.No.	District	Mandal	Village	Lake Name	Lake ID	Preliminary Notification	FTL Area as per PN (Acres)	Water Spread Area as per PN (Acres)	Final Notification	Buffer Area (Acres)
1	Sanga Reddy	Ameenpur	Ameenpur	Pochamma Kunta	1200/33	07-06-2014	20.926	15.393	18-02-2021	1.700
2	Sanga Reddy	Ameenpur	Ameenpur	Uba Kunta/Duba kunta	1200/31	07-06-2014	54.468	No water	18-02-2021	7.468
3	Sanga Reddy	Ameenpur	Ameenpur	Shetti Kunta						
4	Sanga Reddy	Ameenpur	Ameenpur	Bandam Komma Cheruvu	1200/43	09-07-2018	27.056	17.708	18-02-2021	10.875
5	Sanga Reddy	Ameenpur	Ameenpur	Uskebavi Kunta	1200/32	07-06-2014	30.480	25.460		**6.5
6	Sanga Reddy	Ameenpur	Ameenpur	Upparivani Kunta	1200/N/0017	06-03-2020	6.110	0.283	-	**1.5
7	Sanga Reddy	Ameenpur	Ameenpur	Sambuni Kunta	311	25-09-2020	22.801	7.862	.	**2.075
8	Sanga Reddy	Ameenpur	Ameenpur	Sambi Kunta	1200/N/0018	25-09-2020	28.382	9.491	.	**9.725
9	Sanga Reddy	Ameenpur	Ameenpur	Ummari Kunta	1200/48	07-06-2014	13.312	2.914	.	**2.475
10	Sanga Reddy	Ameenpur	Ameenpur	Pedda Cheruvu	1200/34	20-03-2017	453.459	191.685	.	**52.025
11	Sanga Reddy	Ameenpur	Ameenpur	Kotha Cheruvu						**0.35
12	Sanga Reddy	Ameenpur	Ameenpur	Kunta Shikam	1200-N-0013	06-03-2020	1.129	0.057		**1.675
13	Sanga Reddy	Ameenpur	Ameenpur	Gandi kunta	1200/N/001	-	**6.425	**3.773	-	
14	Sanga Reddy	Ameenpur	Ameenpur	Koneti Kunta	1200/N/0014	-	**6.925	**0.283	-	**1.300

Note : The figures marked as \*\* are taken based on the data source of Irrigation Dept.

*J. Krishna Kumar*

Executive Engineer (LPC)

HMDA  
Executive Engineer

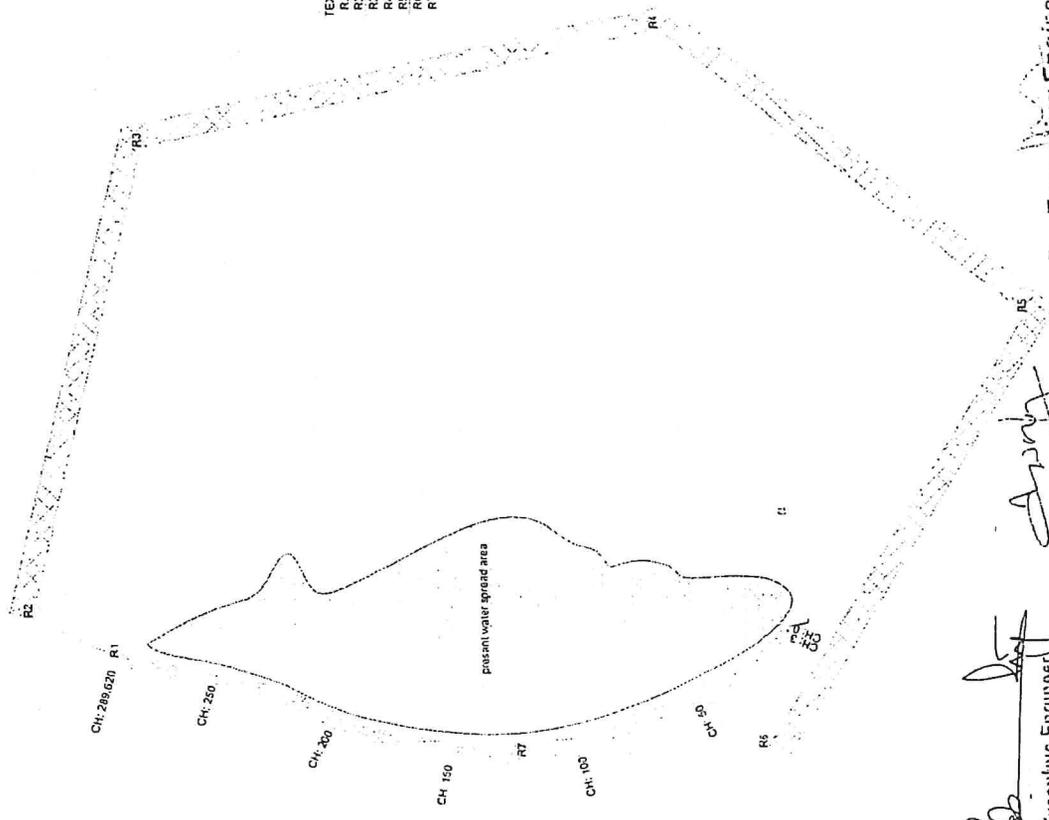
Lake Protection Committee Cell

Hyderabad Metropolitan Development Authority

<b>NOTES:</b> 1. ALL LEVELS ARE IN METRES. 2. FTL AS PER THE JOINT FIELD VERIFICATION OF REVENUE & IRRIGATION AUTHORITIES ON 29/06/2019	
<b>LEGEND :</b> FULL TANK LEVEL (FTL)	
EXISTING FTL PILLAR	
GPS CONTROL POINTS	
BUND TOP	
BT ROAD	
CART TRACK	
ROCK / BOLDERS	
CHURCH / TEMPLE / MOSQUE	
TOMB / CHHATRI / GRAVES	
BORE WELL POINT	
ELECTRICAL POLE	
TRANSFORMER	
HT-TOWER	
WATER SUMP	
WELL	
BUILDINGS	
COMPOUND WALL	
INLET or OUTLET	
TREE	
CULVERT	
DRAIN or STREAM	
FENCING	
RAILWAY TRACK	
VILLAGE BOUNDARY	
BUFFER ZONE 5m FROM FTL LINE	
<b>LAKE DETAILS:</b> 1. WATER SPREAD AREA : 15.392 Acres 2. AREA OF THE TANK UPTO FTL : 20.926 Acres 3. WATER LEVEL : +543.367m 4. FULL TANK LEVEL (FTL) : +543.867m 5. FULL TANK LEVEL PERIMETER : 1105.590m 6. BUND LENGTH : 289.300m 7. DATE OF SURVEY : 19-9-2013.	
Client:	HYDRAPAD METROPOLITAN DEVELOPMENT AUTHORITY
Project:	SURVEY OF LAKES IN HOBA AREA
Title:	PLAN OF POCHAIMA KURTA (D - 1260/331) AT PANCHUR VILLAGE, ANEENPUR JUNCTION, SANGAREDDY (D)
Scale:	1:2000
Planned:	K.Yasunji
Drawn:	E.Reddha
Checked:	M.Jagadeesh
Approved:	Ch. Lingiah
Dwg. No.:	AA/IR/153/10 - 120003
Sheet No.:	1
Date:	



TEXT	LATITUDE	LONGITUDE	DISTANCE
R1	17°31'40.044"N	78°18'7.229"E	0
R2	17°31'41.146"N	78°18'26.975"E	37.481
R3	17°31'38.785"N	78°18'14.815"E	197.548
R4	17°31'33.114"N	78°18'16.401"E	211.005
R5	17°31'29.322"N	78°18'12.596"E	186.849
R6	17°31'31.144"N	78°18'16.354"E	201.847
R7	17°31'31.784"N	78°18'6.354"E	96.570



Executive Engineer  
I.B. Division, Sangareddy

Atte. Sr. A /  
Ch. Lingiah

Dy. Executive Engineer  
I.B. Sub-Division, Palancheru

Executive Engineer  
I.B. Section, Aneenpur

Ch. Lingiah  
M.S. Arreanpur

**NOTES:**  
 1. ALL LEVELS ARE IN METRES.  
 2. FTL AS PER THE JOINT FIELD VERIFICATION OF REVENUE & BRIGADION AUTHORITIES ON 20/06/2019

**LEGEND:**

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BT ROAD
- CART TRACK
- ROCK / Boulders
- CHURCH / TEMPLE / MOSQUE
- TOMB / CHAATRI / GRAVES
- BORE WELL POINT
- ELECTRICAL POLE
- TRANSFORMER
- HT-TOWER
- WATER SUMP
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET or OUTLET
- TREE
- CULVERT
- DRAIN or STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 9m FROM FTL LINE

**LAKE DETAILS:**

- 1. WATER SPREAD AREA 15.392 Acres
- 2. AREA OF THE TANK UPTO FTL 20.926 Acres
- 3. WATER LEVEL +543.367m
- 4. FULL TANK LEVEL (FTL) +543.867m
- 5. FULL TANK LEVEL PERIMETER 1106.590m
- 6. BUND LENGTH 280.306m
- 7. DATE OF SURVEY 19-9-2013

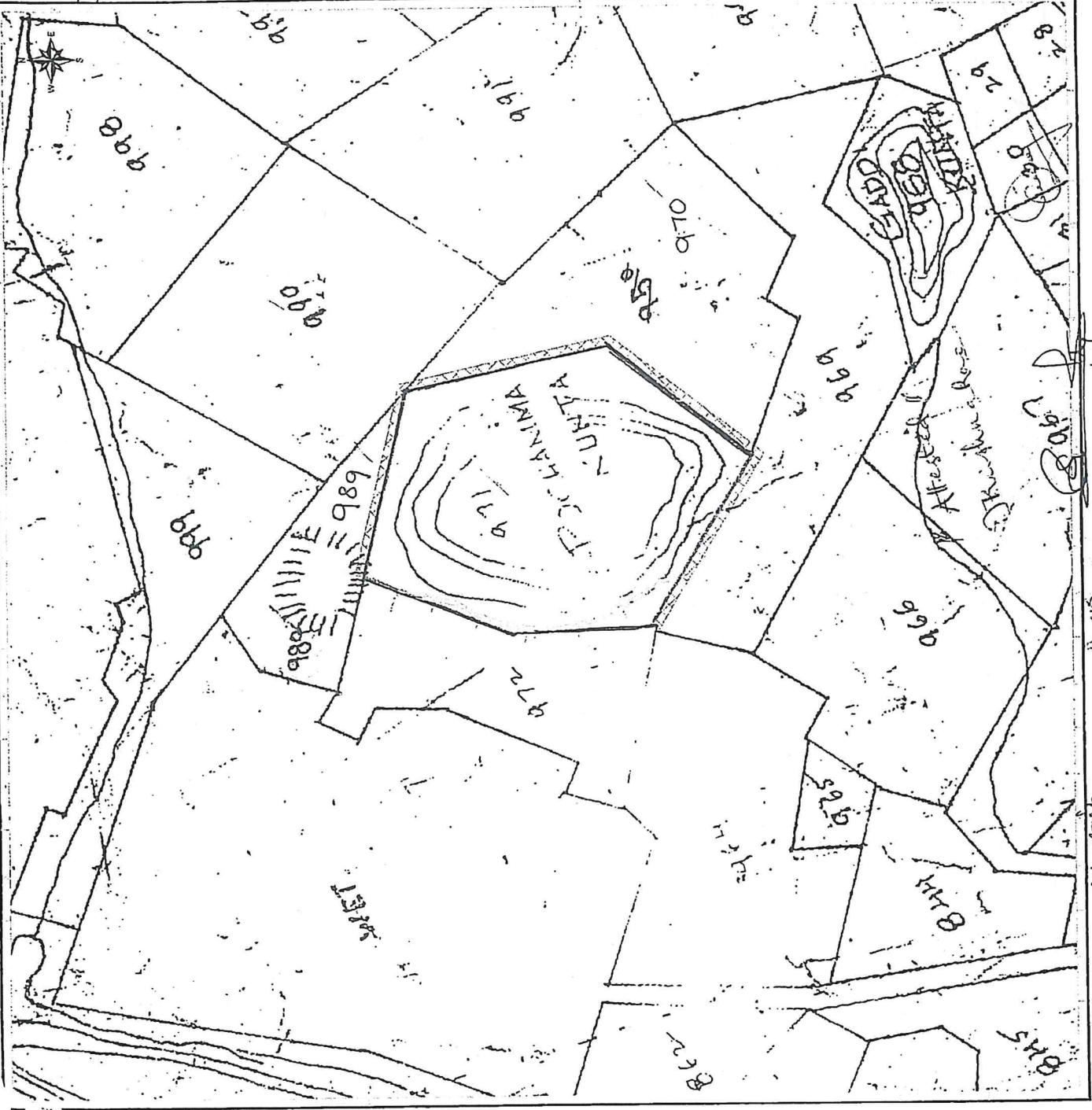
Client: **hmda** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

Project: SURVEY OF LAKES IN HMDA AREA

Title: CADASTRAL MAP OF POCHAMMA KUNTA (ID - 1200/33)  
 AGENUR VILLAGE, ANEENPUR MANDAL, SANGAREDDY (D)

Consultants:

Scale	1:4000
Prepared	A. Shekar
Drawn	E. Rachika
Checked	V. Aparna
Approved	R. Venkateswarlu
Sheet No.	
Date	



Assl. Executive Engineer  
 Executive Engineer

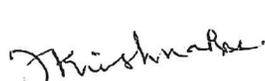
Statement showing the details of revenue survey numbers falling in the FTL area and the Buffer zone of Pochamma Kunta lake of Ameenpur Village of Ameenpur Mandal, Sangareddy District Lake ID No. 1200/33

FTL/Buffer Zone		Survey numbers falling in the FTL area and the Buffer zone as per the Revenue Records and Village Map						
Sl. No.	Sy.No	Village Name	Extent Effected in Acres				Ownership as per Revenue Records in case Govt land. Please mention Govt	Remarks
			FTL		Buffer			
			Acres	Gts	Acres	Gts		
1	971 /	Ameenpur	20 /	37 /	0	0	Shikam	
2	989 /	Ameenpur	0	0	0	16	Govt.	
3	990 /	Ameenpur	0	0	0	2	Kharij Khata	
4	970 /	Ameenpur	0	0	0	33	Patta	
5	969 /	Ameenpur	0	0	0	17	Kharij Khata	
		<b>TOTAL</b>	<b>20 /</b>	<b>37 /</b>	<b>1</b>	<b>28</b>		

**ABSTRACT**

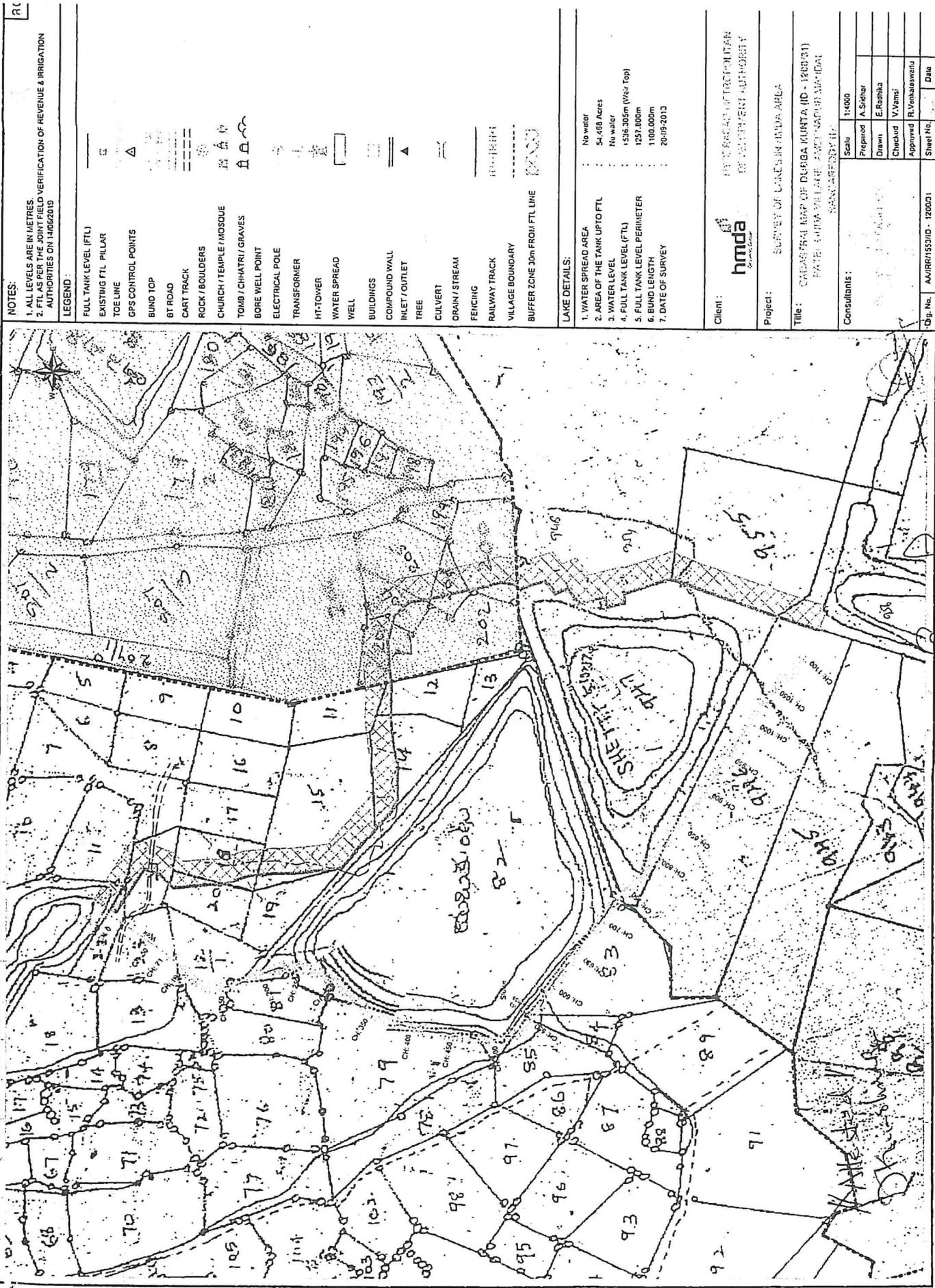
Total FTL/shikam Area	20.37 /	Total Buffer Zone	1.28
Govt Land	20.37	Govt Land	0.35
Patta Land	0	Patta Land	0.33

  
 Tahsildar  
 Ameenpur Mandal

// Attested //  
  
 Krishna

  
 Revenue Divisional Officer  
 Sangareddy





**NOTES:**  
 1. ALL LEVELS ARE IN METRES.  
 2. FTL AS PER THE JOINT FIELD VERIFICATION OF REVENUE & IRRIGATION AUTHORITIES ON 14/06/2019

**LEGEND:**

FULL TANK LEVEL (FTL)	—
EXISTING FTL PILLAR	⊞
TOE LINE	△
GPS CONTROL POINTS	⊙
BUND TOP	—
BT ROAD	—
CART TRACK	—
ROCK / BOULDERS	—
CHURCH / TEMPLE / MOSQUE	—
TOMB / CHHATRI / GRAVES	—
BORE WELL POINT	—
ELECTRICAL POLE	—
TRANSFORMER	—
HT-TOWER	—
WATER SPREAD	—
WELL	—
BUILDINGS	—
COMPOUND WALL	—
INLET / OUTLET	—
TREE	—
CULVERT	—
DRAIN / STREAM	—
FENCING	—
RAILWAY TRACK	—
VILLAGE BOUNDARY	—
BUFFER ZONE 30m FROM FTL LINE	—

**LAKE DETAILS:**

1. WATER SPREAD AREA	No water
2. AREA OF THE TANK UP TO FTL	54.468 Acres
3. WATER LEVEL	No water
4. FULL TANK LEVEL (FTL)	+536.305m (Wet Top)
5. FULL TANK LEVEL PERIMETER	1257.800m
6. BUND LENGTH	1100.000m
7. DATE OF SURVEY	20/09/2019

Client: **hmda** HMDA, HARYANA  
 DEPARTMENT OF TRANSPORTATION  
 DEPARTMENT AUTHORITY

Project: SURVEY OF CANES IN ARUDA AREA

Title: CADASTRAL MAP OF DURGIA KURTA (ID - 120031)  
 PAPER: GUDA VILAGE, ARUDA JABALPURA  
 SHANAGARHDI HZ

Scale: 1:4000

Prepared	A. Singh
Drawn	E. Rajha
Checked	V. Vamsi
Approved	R. Venkatesulu

Sheet No. 120001  
 Date

Updated by *M/S Omwara*  
 M/S Omwara  
 ASST. Executive Engineer  
 Dy. Executive Engineer

Statement showing the details of revenue survey numbers falling in the FTL area and the Buffer zone of Subbakunta lake of Patelguda Village of Ameenpur Mandal, Sangareddy District Lake ID No.1200-43

FTL/Buffer Zone		survey numbers falling in the FTL are and the Buffer zone as per the Revenue Records and Village Map						Ownership as per Revenue Records in case Govt land . Plese Mention Govt	Remarks
Sl No.	Sy.No	Village Name	Extent Effectted in Acres						
			FTL		Buffer				
Acres	Gts	Acres	Gts	Acres	Gts				
1	82	Patelguda	25	28	0	0	Govt	Shikam	
2	12/20	Patelguda	1	8	0	2	Govt		
3	12/19	Patelguda	1	0	0	0	Govt		
4	12/15	Patelguda	0	2	0	36	Govt		
5	12/14	Patelguda	1	1	0	29	Govt		
6	12/11	Patelguda	0	0	0	11	Govt		
7	12/12	Patelguda	0	38	0	2	Govt		
8	12/13	Patelguda	0	25	0	0	Govt		
9	12/1	Patelguda	0	36	0	0	Govt		
10	12/21	Patelguda	0	24	0	24	Govt		
11	202	Ilapur	2	27	0	0	Govt		
12	200	Ilapur	0	8	0	13	patta		
13	201	Ilapur	0	8	0	13	patta		
14	205	Ilapur	0	2	0	13	patta		
15	204	Ilapur	0	14	0	12	patta		
16	947	Ameenpur	17	18	0	0	shikam		
17	955	Ameenpur	0	0	1	4	patta		
18	11	Patelguda	0	0	0	9	patta		
19	203	ilapur	0	7	0	16	patta		
20	948	Ameenpur	0	0	0	24	patta		
21	954	Ameenpur	0	0	0	22	patta		
22	946	Ameenpur	0	32	0	0	patta		
23	956	Ameenpur	0	0	0	11	patta		
24	12/18	Ameenpur	0	4	0	15	Govt		
25	12/7	Ameenpur	0	0	0	1	Govt		
26	12/22	Patelguda	0	2	0	1	Govt		
27	12/23	Patelguda	0	14	0	0	Govt		
Total			54	18	7	18			

ABSTRACT

Total FTL Area 54.18  
Govt Land 52.27  
Patta Land 1.31

Total Buffer Zone 7.18  
Govt Land 3.01  
Patta Land 4.17

Tahsilbar  
Ameenpur Mandal

Sangareddy Revenue Division  
Attested  
Krishna



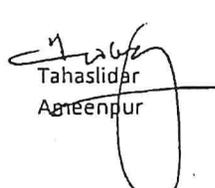


**Statement showing the details of revenue survey numbers falling in the FTL area and the Buffer zone of Bandamkammu lake of Ameenpur Village of Ameenpur Mandal, Sangareddy District Lake ID No.1200-43**

FTL/Buffer Zone		survey numbers falling in the FTL area and the Buffer zone as per the Revenue Records and Village Map						Ownership as per Revenue Records in case Govt land . Plese	Remarks
Sl No.	Sy.No	Village Name	Extent Effected in Acres						
			FTL		Buffer				
			Acres	Gts	Acres	Gts			
1	381	Ameenpur	7	38	0	0	Govt		
2	380	Ameenpur	2	11	0	0	patta		
3	371	Ameenpur	2	11	0	0	patta		
4	370	Ameenpur	2	20	0	0	patta		
5	366	Ameenpur	0	6	0	0	patta		
6	372	Ameenpur	0	3	0	0	patta		
7	373	Ameenpur	0	17	0	0	patta		
8	365	Ameenpur	0	17	0	27	patta		
9	364	Ameenpur	0	0	0	26	patta		
10	367	Ameenpur	1	15	0	3	patta		
11	363	Ameenpur	0	0	0	34	patta		
12	368	Ameenpur	0	31	0	5	patta		
13	369	Ameenpur	1	8	0	3	patta		
14	343/4	Ameenpur	0	0	0	12	Govt		
15	361	Ameenpur	1	33	0	8	patta		
16	360	Ameenpur	0	1	0	26	patta		
17	374	Ameenpur	0	12	0	6	patta		
18	358	Ameenpur	0	0	0	26	patta		
19	375	Ameenpur	1	28	0	11	patta		
20	376	Ameenpur	0	32	0	21	patta		
21	357	Ameenpur	0	0	0	24	patta		
22	356	Ameenpur	0	0	0	1	patta		
23	392	Ameenpur	0	0	0	16	patta		
24	391	Ameenpur	0	10	0	9	patta		
25	390	Ameenpur	0	4	0	20	patta		
26	389	Ameenpur	0	0	0	5	patta		
27	386	Ameenpur	0	0	0	11	Patta		
28	377	Ameenpur	1	26	0	5	patta		
29	379	Ameenpur	0	1	0	29	patta		
30	378	Ameenpur	0	0	0	9	patta		
31	382	Ameenpur	0	21	1	4	patta		
32	362	Ameenpur	0	13	1	14	patta		
33	Road	Ameenpur	0.19	4	0.48	0	patta		
<b>Total</b>			<b>27</b>	<b>2</b>	<b>10</b>	<b>35</b>			

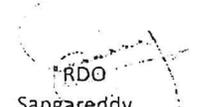
**ABSTRACT**

Total FTL Area	27.02	Total Buffer Zone	10.35
Govt Land	7.38	Govt Land	0.12
Patta Land	19.4	Patta Land	10.23



Tahasildar  
Ameenpur

// Attestation  
D. Krishna Rao



RDO  
Sangareddy

R0

**NOTES:**  
 1. ALL LEVELS ARE IN METRES.  
 2. DO NOT SCALE THE DRAWING.

**LEGEND:**

- FULL TANK LEVEL (FTL)
- △ EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BT ROAD
- CART TRACK
- ROCK/BOULDERS
- CHURCH/TEMPLE/MOSQUE
- TOMB/CHIATRI/GRAVES
- BORE WELL POINT
- ELECTRICAL POLE
- TRANSFORMER
- HT-TOWER
- WATER SUMP
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET or OUTLET
- TREE
- CULVERT
- DRAIN or STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 30m FROM FTL LINE

- LAKE DETAILS:**
- 1. WATER SPREAD AREA : 25.460Acres
  - 2. AREA COVERED UNDER SURVEY : 30.480Acres
  - 3. WATER LEVEL : +537.713m
  - 4. FULL TANK LEVEL (FTL) : +537.092m (Check Dam Top)
  - 5. FULL TANK LEVEL PERIMETER : 775.000m
  - 6. BUND LENGTH : 801.000m
  - 7. DATE OF SURVEY : 19.6.2013.

RO	Rev/lt	Draft Copy	Description	Date	Signature

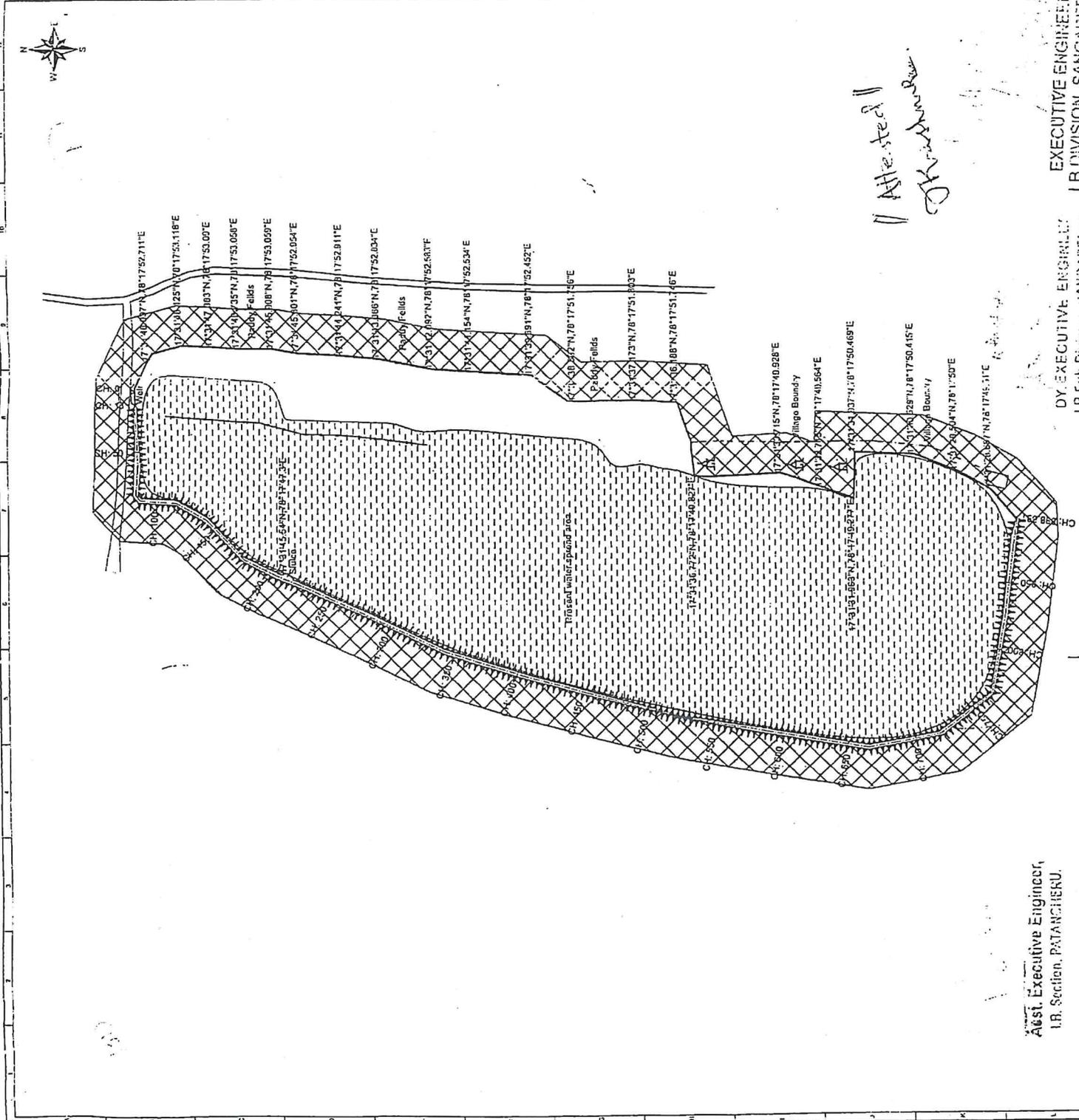
Client: **hmda** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

Project: SURVEY OF LAKES IN HMDA AREA

Title: PLAN OF PISHAKBOWLI (ID - 1200/32) AMMENPUR VILLAGE, PATANCHERUVU MANDAL

Scale:	1:3000
Prepared:	K. Yousoof
Drawn:	A. Shubir
Checked:	M. Jaganesh
Approved:	Ch. Lakshith

Sheet No. 16-10-20 Date



*Attested*  
*K. Yousoof*

Asst. Executive Engineer,  
 I.B. Section, PATANCHERU.

BY EXECUTIVE ENGINEER,  
 I.B. Sub-Division, PATANCHERU.

EXECUTIVE ENGINEER,  
 I.B. DIVISION, SANGAREDDY.

1. ALL LEVELS ARE IN METRES.
2. DO NOT SCALE THE DRAWING.

LEGEND :

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BT ROAD
- CART TRACK
- ROCK / BOULDERS
- CHURCH / TEMPLE / MOSQUE
- TOMB / CHHATRI / GRAVES
- BORE WELL POINT
- ELECTRICAL POLE
- TRANSFORMER
- HT-TOWER
- WATER SUMP
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET or OUTLET
- TREE
- CULVERT
- DRAIN or STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 30m FROM FTL LINE



Revn.	Description	Date
	Draft Copy	

Client : HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

Project : SURVEY OF LAKES IN HMDA AREA

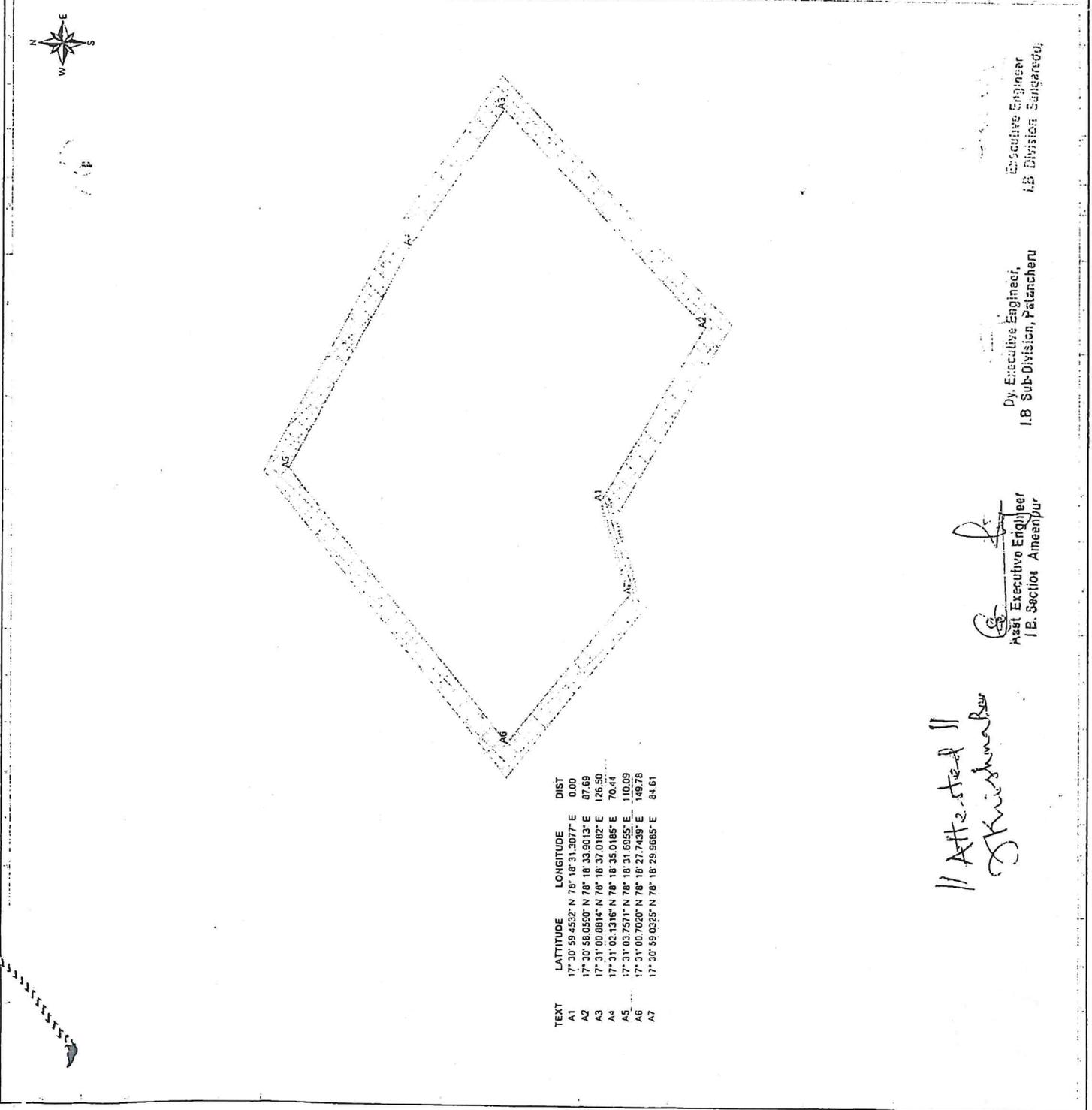
Title : CADASTRAL MAP OF PISHAKBOWLI (ID - 1200/3) AMMENPUR VILLAGE, PATANCHERUVU MANDAL

Consultants :

Scale	1:8500
Prepared	A.Sridhar
Drawn	P.Sweiha
Checked	V.Apparao
Approved	R.Venkateswulu

aaayee associates  
 a architects engineers & consultants pvt. ltd.  
 1-1-1999, 1st Floor, NTR Park, Hyderabad - 500004

NOTE: 1. ALL LEVELS ARE IN METRES		R/O
LEGEND:		
FULL TANK LEVEL (FTL)		
EXISTING FTL PILLAR		
TOE LINE		
GPS CONTROL POINTS		
BUND TOP		
BT ROAD		
CART TRACK		
ROCK/BOULDERS		
CHURCH / TEMPLE / MOSQUE		
TOMB / CHHATRI / GRAVES		
BORE WELL POINT		
POWER LINE WITH POLE		
TRANSFORMER		
HT-TOWER		
WATER SPREAD		
WELL		
BUILDINGS		
COMPOUND WALL		
INLET / OUTLET		
TREE		
CULVERT		
DRAIN / STREAM		
FENCING		
RAILWAY TRACK		
VILLAGE BOUNDARY		
BUFFER ZONE 9m FROM FTL LINE		
LAKE DETAILS:		
1. PRESENT WATER SPREAD AREA	: 0.203 Acres	
2. AREA OF THE TANK AS PER REVENUE SHIKAR	: 6.11 Acres	
3. WATER LEVEL		
4. FULL TANK LEVEL (FTL)	: +547.248	
5. FULL TANK LEVEL PERIMETER	: 672.560m	
6. BUND LENGTH	: 40.000m	
7. DATE OF SURVEY		
R/O	Drawn Copy	Date
Rev.	Description	Signature
Client: HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY		
Project: SURVEY OF LAKES IN EXTENDED HMDA AREA		
Title: PLAN OF UPPARAVANI KUNTA (ID -00)		
AMENPUR (V), AMENPUR (M), SANGAREDDY (D)		
Scale: 1:1000		
Consultants:		
Dip. No. / AMRR/1658/ID-00		
Sheet No. 1 Date		



TEXT	LATITUDE	LONGITUDE	DIST
A1	17° 30' 59.4532" N	78° 18' 31.3077" E	0.00
A2	17° 30' 58.0500" N	78° 18' 33.9013" E	87.69
A3	17° 31' 00.6814" N	78° 18' 37.0182" E	126.50
A4	17° 31' 02.1316" N	78° 18' 35.0185" E	70.44
A5	17° 31' 03.7571" N	78° 18' 31.6955" E	110.09
A6	17° 31' 00.7020" N	78° 18' 27.7439" E	148.78
A7	17° 30' 59.0325" N	78° 18' 29.8685" E	84.61

Attested //  
Krishna Rao

Asst Executive Engineer  
I.B. Section Ameenpur

Dy. Executive Engineer,  
I.B. Sub-Division, Patancheru

Executive Engineer  
I.B. Division Sangareddy

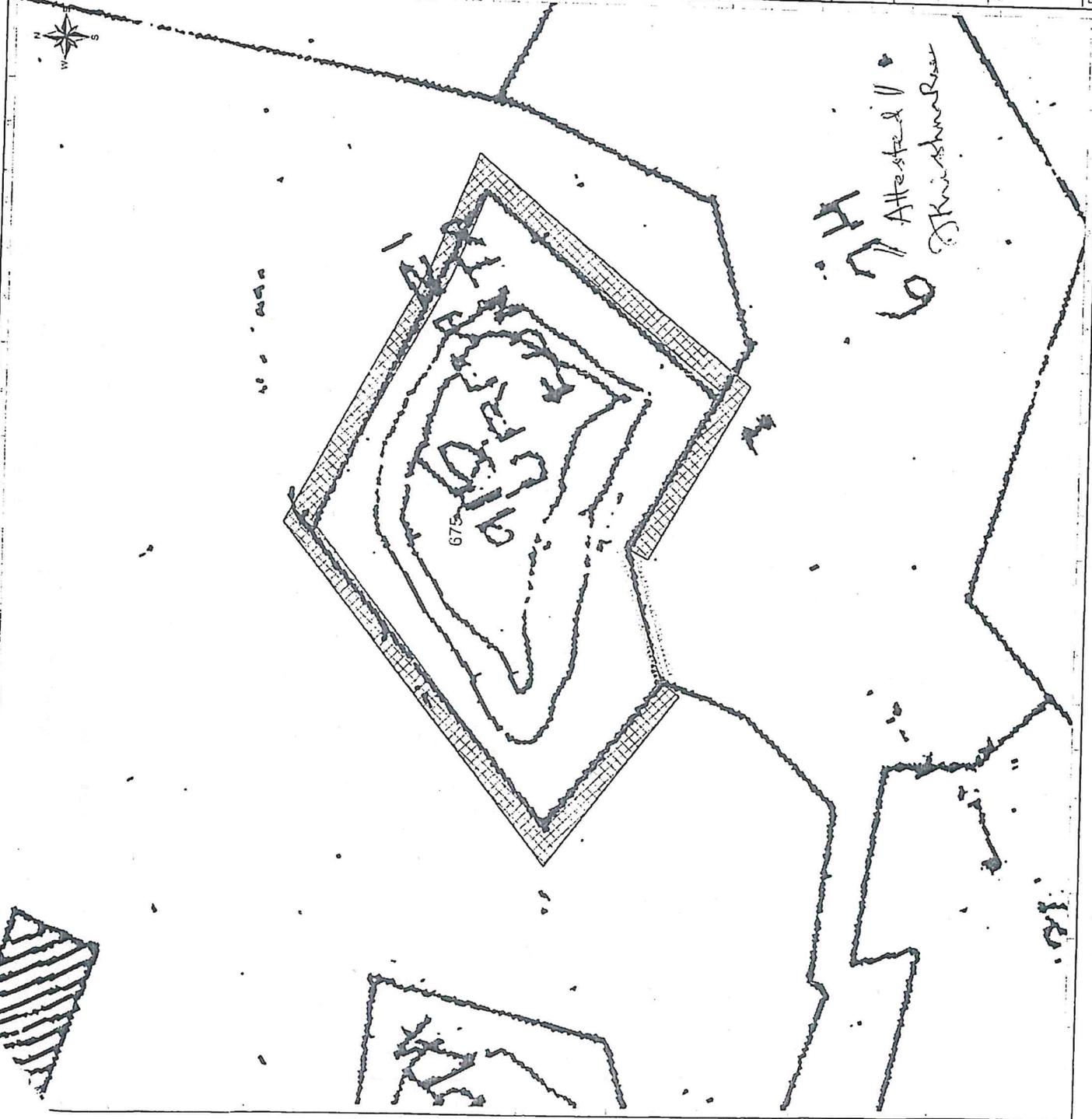
R 0

NOTE:  
1. ALL LEVELS ARE IN METRES

LEGEND :

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BT ROAD
- CART TRACK
- ROCK / BOULDERS
- CHURCH / TEMPLE / MOSQUE
- TOMB / CHHATRI / GRAVES
- BORE WELL POINT
- POWER LINE WITH POLE
- TRANSFORMER
- HT-TOWER
- WATER SPREAD
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET / OUTLET
- TREE
- CULVERT
- DRAIN / STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 5m FROM FTL LINE

LAKE DETAILS:



Attested /  
K. Krishna Rao

R 0	Drawn	Description	Date	Signature

Client : **hmda** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

Project : SURVEY OF LAKES IN EXTENDED HMDA AREA

Title : CADASTRAL MAP OF UPPARIVAKUNTA (ID -00) AMGENPUR (M. AMEENPUR (M) SAMBAREDDY (D))

Scale: 1:1000

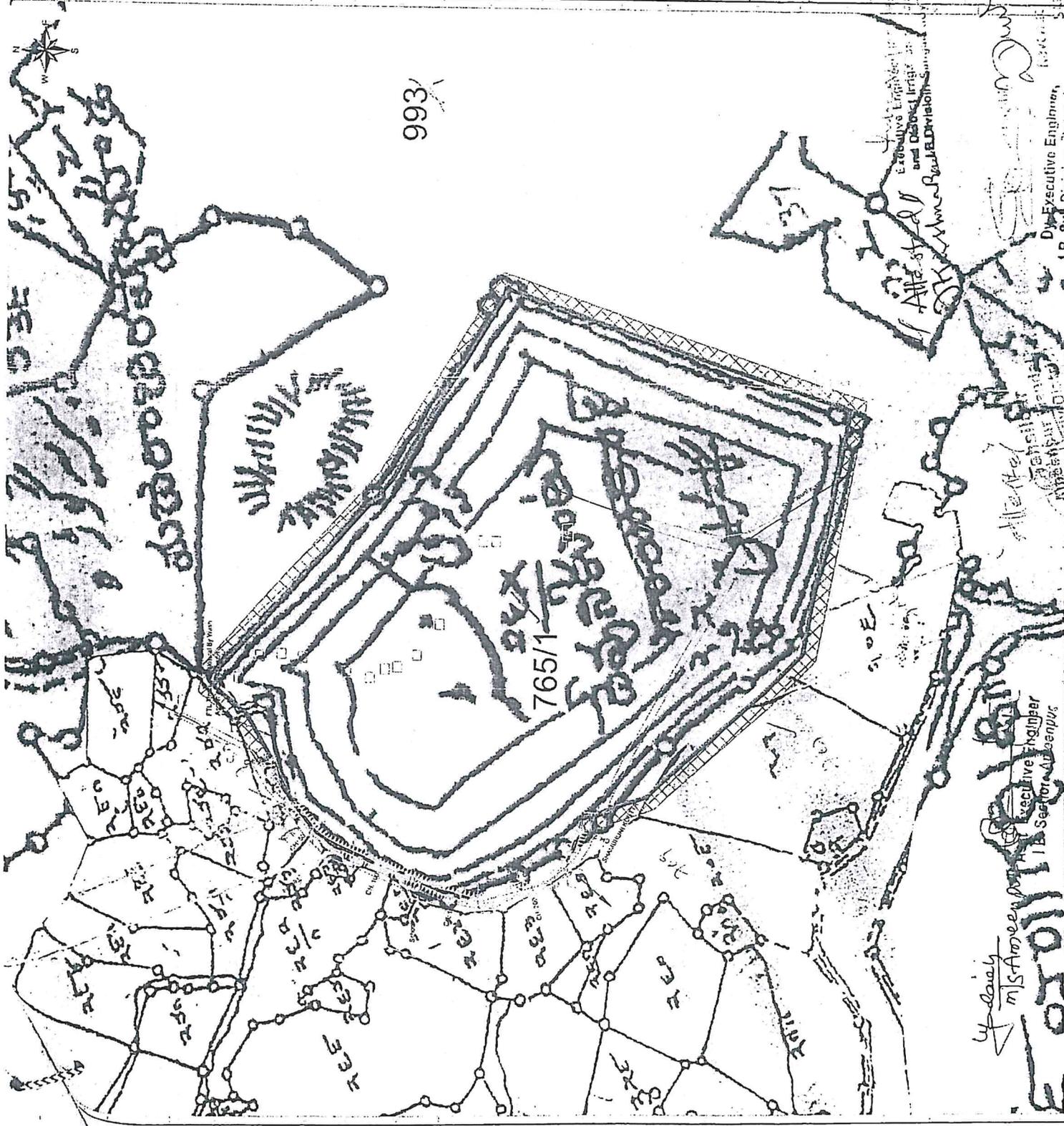
Drawn	Touleeg
Checked	E. Radhika
Approved	R. Venkateswarlu

Dig. No. AS/RR/1069/D-00 Sheet No. 1 Date



1. ALL LEVELS ARE IN METRES.  
2. DO NOT SCALE THE DRAWING

LEGEND	
FULL TANK LEVEL (FTL)	○
EXISTING FIL PILLAR	○
TOE LINE	—
GPS CONTROL POINTS	△
BUMP TOP	○
BT ROAD	—
CART TRACK	—
ROCK / Boulders	—
CHURCH / TEMPLE / MOSQUE	卐
TOMB / CHITRAI / GRAVES	卐
60% WELLS POINT	○
ELECTRICAL POLE	○
TRANSFORMER	○
HT-TOWER	○
WATER SPREAD	○
WELL	○
RUI DRESS	○
COMPOUND WALL	—
INLET / OUTLET	△
TREE	○
CULVERT	—
DRAIN / SHULAR	—
FENCING	—
RAILWAY TRACK	—
VILLAGE BOUNDARY	—
BUFFER ZONE 9M FROM FTL LINE	—



RO	Drawn	Date	Signal

Client: **hmda** HYDRABAD METRO POLITAN DEVELOPMENT AUTHORITY

Project: SURVEY OF LAKES IN HMDA AREA

Title: CADASTRAL MAP OF SANGUNI KUNTA (ID- 311) AHEENPUR(AHEENPUR) SANGAREDDY(D)

Scale: 1:2500

Prepared: K.Yeasujib

Drawn: E.Radhika

Checked: M.Jagadeesh

Approved: Ch. Lingiah

Consultants: **GEOTEC ASSOCIATES**

Dr. No. / Date: AANMPCAD/01/2011

Attested and Certified by  
*(Signature)*  
 Dy. Executive Engineer,  
 I.B. 8th Division, Petacherry

Attested and Certified by  
*(Signature)*  
 Dy. Executive Engineer,  
 I.B. Sector, Anekal

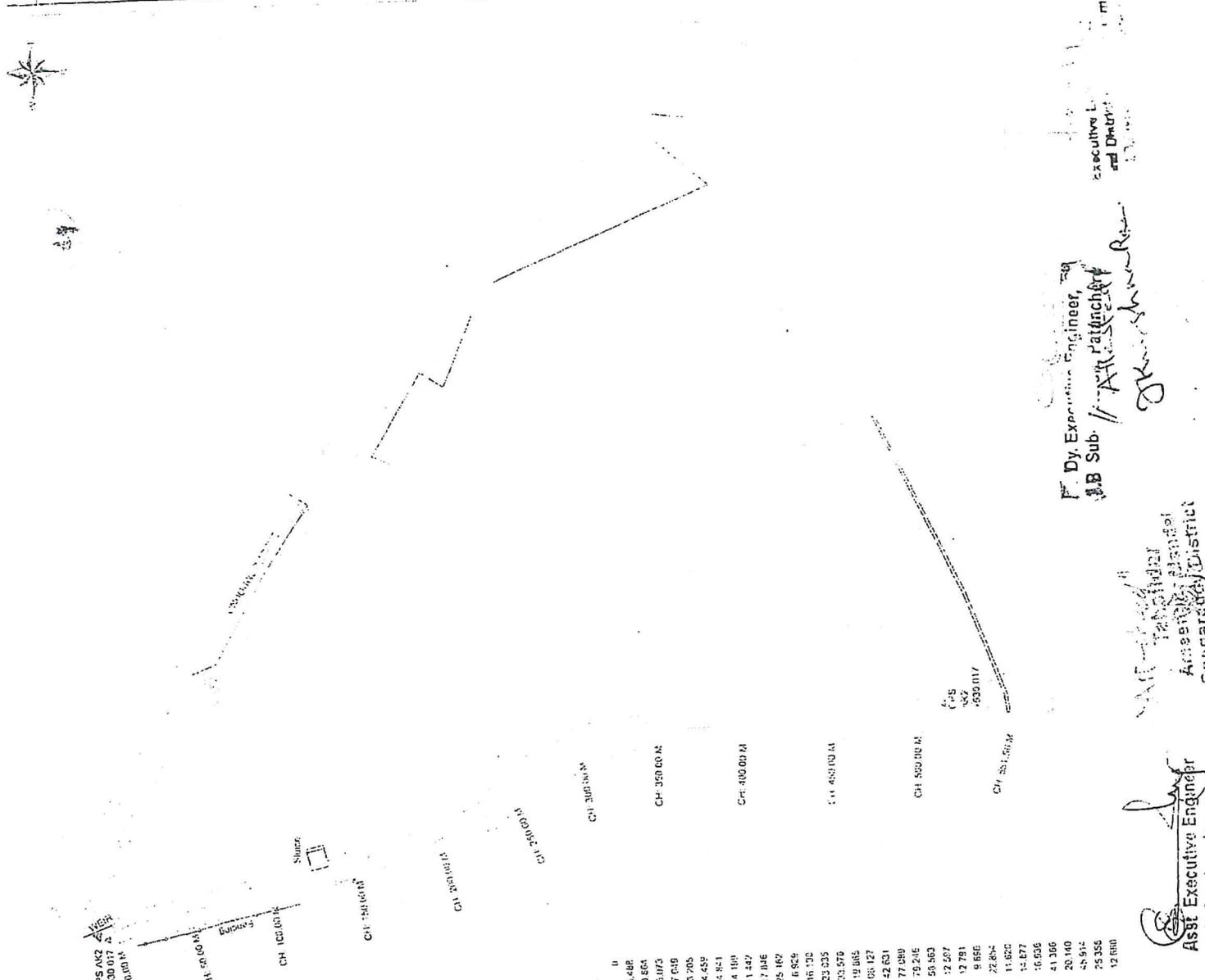
1. PROPOSED WATER SUPPLY AREA	9.000 ACRES
2. AREA OF THE LAKE PROJECT	20.302 ACRES
3. WATER RETENTION	100% WBS
4. ESTD LAKE LEVEL (FT)	1667.765
5. ESTD LAKE LEVEL WITH BARRIERS	1666.588
6. BARRIERS HEIGHT	5.000 FT
7. DATE OF SURVEY	10/11/2011
8. PROJECT NO.	10001/0011

ID	Unit Copy	Description
1	1	10001/0011

Scale	1:2500
Drawn	V. Lakshmi
Checked	K. Yesu
Approved	[Signature]
Sheet No.	1



TEXT	LONGITUDE	LATITUDE	DIST
A1	78°10'52.03"E	17°31'40.24"N	15.488
A2	78°10'42.665"E	17°31'48.305"N	70.564
A3	78°10'54.708"E	17°31'56.518"N	46.073
A4	78°10'40.022"E	17°31'56.265"N	77.648
A5	78°10'48.445"E	17°31'51.197"N	55.205
A6	78°10'51.545"E	17°31'51.767"N	16.459
A7	78°10'51.135"E	17°31'51.135"N	46.851
A8	78°10'53.435"E	17°31'50.912"N	14.189
A9	78°10'53.855"E	17°31'51.226"N	11.447
A10	78°10'54.905"E	17°31'51.025"N	17.046
A11	78°10'54.645"E	17°31'51.769"N	25.162
A12	78°10'55.065"E	17°31'51.962"N	6.829
A13	78°10'54.585"E	17°31'52.197"N	16.730
A14	78°10'54.645"E	17°31'52.397"N	33.235
A15	78°10'54.855"E	17°31'53.055"N	30.979
A16	78°10'54.655"E	17°31'53.127"N	19.085
A17	78°10'54.415"E	17°31'52.659"N	106.127
A18	78°10'52.045"E	17°31'56.877"N	42.831
A19	78°10'51.045"E	17°31'59.243"N	77.089
A20	78°10'48.805"E	17°31'56.587"N	79.245
A21	78°10'40.805"E	17°31'51.543"N	55.953
A22	78°10'41.055"E	17°31'51.062"N	12.587
A23	78°10'44.075"E	17°31'52.007"N	12.791
A24	78°10'44.295"E	17°31'52.057"N	9.656
A25	78°10'42.975"E	17°31'52.037"N	28.854
A26	78°10'42.975"E	17°31'52.037"N	11.620
A27	78°10'42.975"E	17°31'52.037"N	14.177
A28	78°10'42.975"E	17°31'52.037"N	16.036
A29	78°10'42.975"E	17°31'52.037"N	41.386
A30	78°10'42.975"E	17°31'52.037"N	20.140
A31	78°10'42.975"E	17°31'52.037"N	45.914
A32	78°10'42.975"E	17°31'52.037"N	25.355
A33	78°10'42.975"E	17°31'52.037"N	12.680

Executive Engineer,  
 J.B. Sub. /  
 [Signature]  
 [Signature]

Asst. Executive Engineer  
 IB. Sector Ameerpet  
 [Signature]

Asst. Executive Engineer  
 IB. Sector Ameerpet  
 [Signature]

Asst. Executive Engineer  
 IB. Sector Ameerpet  
 [Signature]



NOTES:  
 1. ALL LEVELS ARE IN METRES.  
 2. DO NOT SCALE THE DRAWING.

LEGEND:

- FULL TANK LEVEL (FTL) [Symbol]
- EXISTING FTL PILLAR [Symbol]
- TOE LINE [Symbol]
- GPS CONTROL POINTS [Symbol]
- BUND TOP [Symbol]
- BT ROAD [Symbol]
- CART TRACK [Symbol]
- ROCK / BOULDERS [Symbol]
- CHURCH / TEMPLE / MOSQUE [Symbol]
- TOMB / CHHATRI / GRAVES [Symbol]
- BORE WELL POINT [Symbol]
- POWER LINE WITH POLE [Symbol]
- TRANSFORMER [Symbol]
- HT TOWER [Symbol]
- WATER SUMP [Symbol]
- WELL [Symbol]
- BUILDINGS [Symbol]
- COMPOUND WALL [Symbol]
- INLET or OUTLET [Symbol]
- TREE [Symbol]
- CULVERT [Symbol]
- DRINK or STREAM [Symbol]
- FENCING [Symbol]
- RAILWAY TRACK [Symbol]
- VILLAGE BOUNDARY [Symbol]
- BUFFER ZONE 3m FROM FTL LINE [Symbol]

- LAKE DETAILS:
- 1. WATER SPREAD AREA : 2.914 Acres
  - 2. AREA OF THE TANK UP TO FTL : 13.312 Acres
  - 3. WATER LEVEL : +555.252m
  - 4. FULL TANK LEVEL (FTL) : +557.650m
  - 5. FULL TANK LEVEL PERIMETER : 970.632m
  - 6. BUND LENGTH : 89.000m
  - 7. DATE OF SURVEY : 05-03-2014

Sl. No.	Drill Copy	Date	Signature

Client: **hmda** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY  
 Project: SURVEY OF LAKES IN HMDA AREA

Title: PLAN OF UMMAR KUNTA CEHRUVU (ID-1200-48)  
 AMEENAPUR VILLAGE, PATANCHERUVU MANDAL

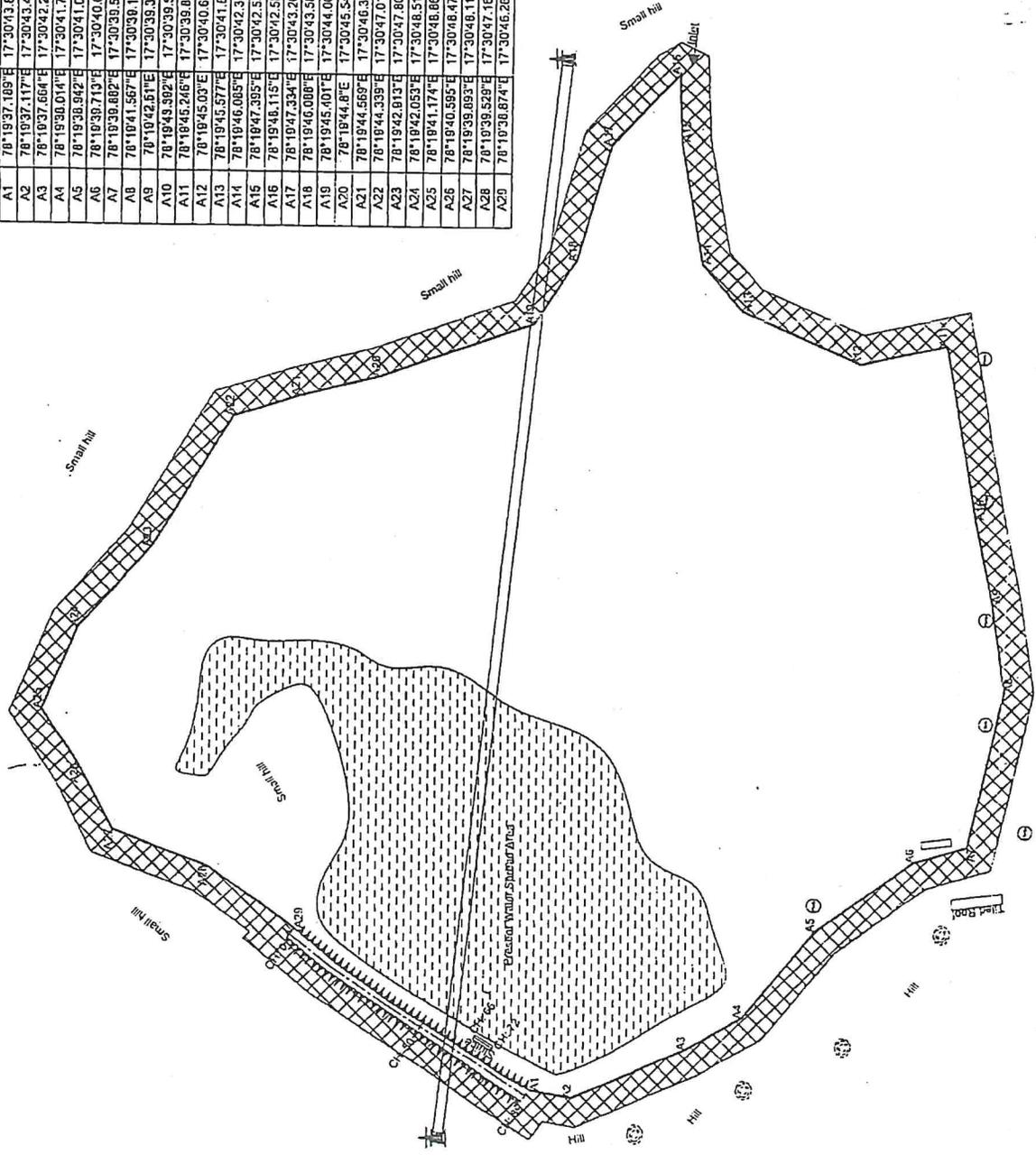
Consultants:

Scale	1:1500
Prepared	K.Yasraj
Drawn	E.Radhika
Checked	M. Jagadeesh
Approved	Ch.Lingajali

Dig. No. AV/HMDA/ID - 1200-48  
 Date 19-03-2014



Point	Longitude	Latitude	DISTANCE (m)
A1	78°19'37.189"E	17°30'43.868"N	13.072
A2	78°19'37.117"E	17°30'43.427"N	30.577
A3	78°19'37.664"E	17°30'42.289"N	18.967
A4	78°19'30.014"E	17°30'41.731"N	34.805
A5	78°19'38.942"E	17°30'41.029"N	37.717
A6	78°19'39.713"E	17°30'40.05"N	17.098
A7	78°19'39.892"E	17°30'39.521"N	50.762
A8	78°19'41.567"E	17°30'39.162"N	28.203
A9	78°19'42.51"E	17°30'39.393"N	26.683
A10	78°19'43.992"E	17°30'39.51"N	56.633
A11	78°19'45.246"E	17°30'39.838"N	27.168
A12	78°19'45.03"E	17°30'40.694"N	40.139
A13	78°19'45.577"E	17°30'41.891"N	19.780
A14	78°19'46.065"E	17°30'42.311"N	39.355
A15	78°19'47.395"E	17°30'42.552"N	21.308
A16	78°19'46.115"E	17°30'42.584"N	31.090
A17	78°19'47.334"E	17°30'43.265"N	23.061
A18	78°19'46.088"E	17°30'43.589"N	50.675
A19	78°19'45.401"E	17°30'44.003"N	25.722
A20	78°19'44.8"E	17°30'45.544"N	21.389
A21	78°19'44.569"E	17°30'46.35"N	48.600
A22	78°19'44.359"E	17°30'47.012"N	33.564
A23	78°19'42.813"E	17°30'47.801"N	28.127
A24	78°19'42.053"E	17°30'48.514"N	20.842
A25	78°19'41.174"E	17°30'48.866"N	23.449
A26	78°19'40.595"E	17°30'48.470"N	31.229
A27	78°19'39.893"E	17°30'48.118"N	33.708
A28	78°19'39.529"E	17°30'47.164"N	
A29	78°19'38.874"E	17°30'46.267"N	



Asst. Executive Engineer,  
 In Charge PATANCHERU.  
 I.B. Sub-Division, SAKSAR P.O.,  
 EXECUTIVE ENGINEER,  
 I.B. DIVISION, SANGAREDI

SPF Academy Ground

Asst. Executive Engineer,  
 In Charge PATANCHERU.

1. ALL LEVELS ARE IN METRES.  
2. DO NOT SCALE THE DRAWING.

**LEGEND :**

- FULL TANK LEVEL (FTL) [Symbol]
- EXISTING FTL PILLAR [Symbol]
- TOE LINE [Symbol]
- GPS CONTROL POINTS [Symbol]
- BUND TOP [Symbol]
- BT ROAD [Symbol]
- CART TRACK [Symbol]
- ROCK / Boulders [Symbol]
- CHURCH / TEMPLE / MOSQUE [Symbol]
- TOMB / CHHATRI / GRAVES [Symbol]
- BORE WELL POINT [Symbol]
- POWER LINE WITH POLE [Symbol]
- TRANSFORMER [Symbol]
- HT-TOWER [Symbol]
- WATER SUMP [Symbol]
- WELL [Symbol]
- BUILDINGS [Symbol]
- COMPOUND WALL [Symbol]
- INLET or OUTLET [Symbol]
- TREE [Symbol]
- CULVERT [Symbol]
- DRAIN or STREAM [Symbol]
- FENCING [Symbol]
- RAILWAY TRACK [Symbol]
- VILLAGE BOUNDARY [Symbol]
- BUFFER ZONE 9m FROM FTL LINE [Symbol]

Rev.	Description	Date

Client: **hmda** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY  
 Project: SURVEY OF LAKES IN HMDA AREA

Title: CADASTRAL MAP OF UMMAR KUNTA CHE (ID-1200-48)  
 AMEENAPUR VILLAGE, PATANCHERUVU M

Scale: 1:4000

Consultants: **aanvee associates**  
 architects & engineers & consultants pvt.ltd.  
 Prepared: A. Sidhar  
 Drawn: E. Raghika  
 Checked: V. Apparao  
 Approved: R. Venkateswara



NOTES:  
1 ALL LEVELS ARE IN METRES.  
2 DO NOT SCALE THE DRAWING

**LEGEND**

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BT ROAD
- CART TRACK
- ROCKY/BOULDERS
- CHURCH/TEMPLE/MOSQUE
- TOMB/CHHATRI/GRAVES
- BORE WELL POINT
- ELECTRICAL POLE
- TRANSFORMER
- HT-TOWER
- WATER SPREAD
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET/OUTLET
- TREE
- CULVERT
- DRAIN/STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 30m FROM FTL LINE

**LAKE DETAILS:**

1. WATER SPREAD AREA	191.685 Acres
2. AREA OF THE TANK UPTO FTL	453.459 acres
3. WATER LEVEL	+559.608m
4. FULL TANK LEVEL (FTL)	+561.851m
5. FULL TANK LEVEL PERIMETER	8574.580m
6. BUND LENGTH	1607.175m
7. DATE OF SURVEY	19-9-2013

**hmda**  
HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

**Project** SURVEY OF LAKES IN HMDA AREA

**Title** PLAN OF PEDDA CHERUVU (ID - 1200734)  
AMEENAPUR VILLAGE, PATANCHERU MANDAL

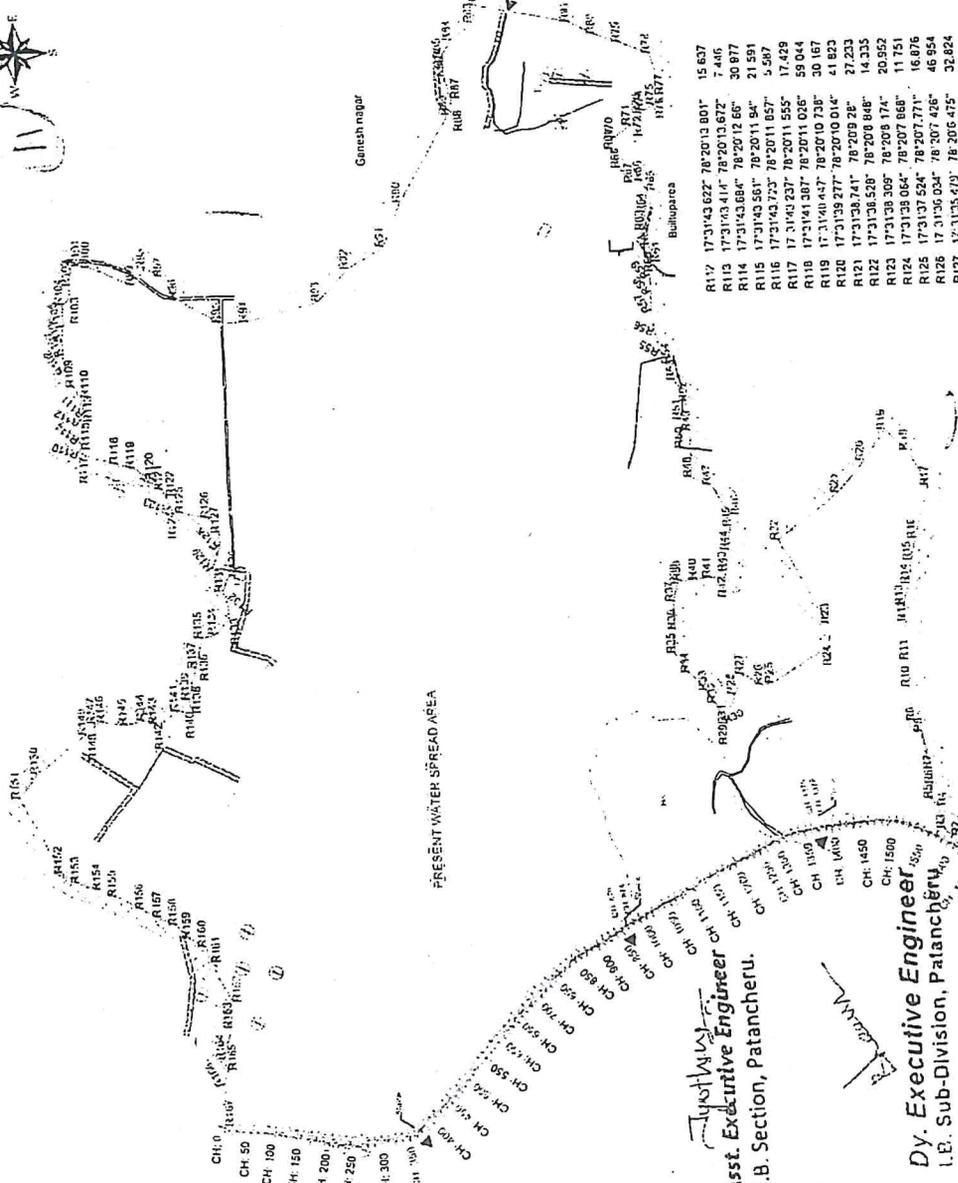
**Scale** 1:5000

**Consultants**  
Prepared: K.Yesuraju  
Drawn: A.Sidhar  
Checked: M.Jagadeesh  
Approved: Ch.Lingalah

**Dig No.** A401RR/1655/01 - 1200734

**Sheet No.** 1

**Date** 11



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R13	17 31 43.614	78 20 13.672	7.406
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**Executive Engineer**  
I.E. Division, Sangareddy

**Dy. Executive Engineer**  
I.E. Sub-Division, Patancheru

**Asst. Executive Engineer**  
I.E. Section, Patancheru.

NOTES:  
 1. ALL LEVELS ARE IN METRES.  
 2. DO NOT SCALE THE DRAWING.

LEGEND:

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GPS CONTROL POINTS
- BUND TOP
- BIT ROAD
- CART TRACK
- ROCK / BOULDERS
- CHURCH / TEMPLE / MOSQUE
- TOMB / CHHATRA / GRAVES
- BORE WELL POINT
- ELECTRICAL POLE
- TRANSFORMER
- HT-TOWER
- WATER SUMP
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET or OUTLET
- TREE
- CULVERT
- DRAIN or STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 30m FROM FTL LINE



Revn.	Description	Date	Sign
	Draft Copy		

Client: **hmda**  
 Hyderabad Metropolitan Development Authority

Project: SURVEY OF LAKES IN HMDA AREA

Title: CADASTRAL MAP OF PEDDA CHERUVU (ID - 1200/3)  
 AMEENAPUR VILLAGE, PATANCHERU MANDAL

Scale	1:15000
Prepared	K.Y.Suresh
Drawn	E.Radhika
Checked	M.Jagadeesh
Approved	Ch. Lingaiah
Sheet No	01-02

Consultants:  
**aiyyee associates**  
 architects engineers & consultants pvt.ltd

Dwg. No.	AAHMDACAD/ID - 1200/04
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**NOTE:**  
1. ALL LEVELS ARE IN METRES.

**LEGEND:**

- FULL TANK LEVEL (FTL)
- EXISTING FTL PILLAR
- TOE LINE
- GFS CONTROL POINTS
- BUND TOP
- BY ROAD
- CART TRACK
- ROCK / BOULDERS
- CHURCH / TEMPLE / MOSQUE
- TOMB / CHHATRI / GRAVES
- BORE WELL POINT
- POWER LINE WITH POLE
- TRANSFORMER
- HT-TOWER
- WATER SPREAD
- WELL
- BUILDINGS
- COMPOUND WALL
- INLET / OUTLET
- TREE
- CULVERT
- DRAIN / STREAM
- FENCING
- RAILWAY TRACK
- VILLAGE BOUNDARY
- BUFFER ZONE 9m FROM FTL LINE

**LAKE DETAILS:**

- 1. PRESENT WATER SPREAD AREA : 0.67 Acres
- 2. AREA OF THE TANK UPTO FTL : 1.129 Acres
- 3. WATER LEVEL : +545.148
- 4. FULL TANK LEVEL (FTL) : +547.350
- 5. FULL TANK LEVEL PERIMETER : 341.489m
- 6. BUND LENGTH : 155.130m
- 7. DATE OF SURVEY : 20/01/2017

**NOTE: FTL=NATURAL BY WASH**

Revn.	Draft Copy	Description	Date	Signature

**Client:** HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY

**Project:** SURVEY OF LAKES IN EXTENDED HMDA AREA

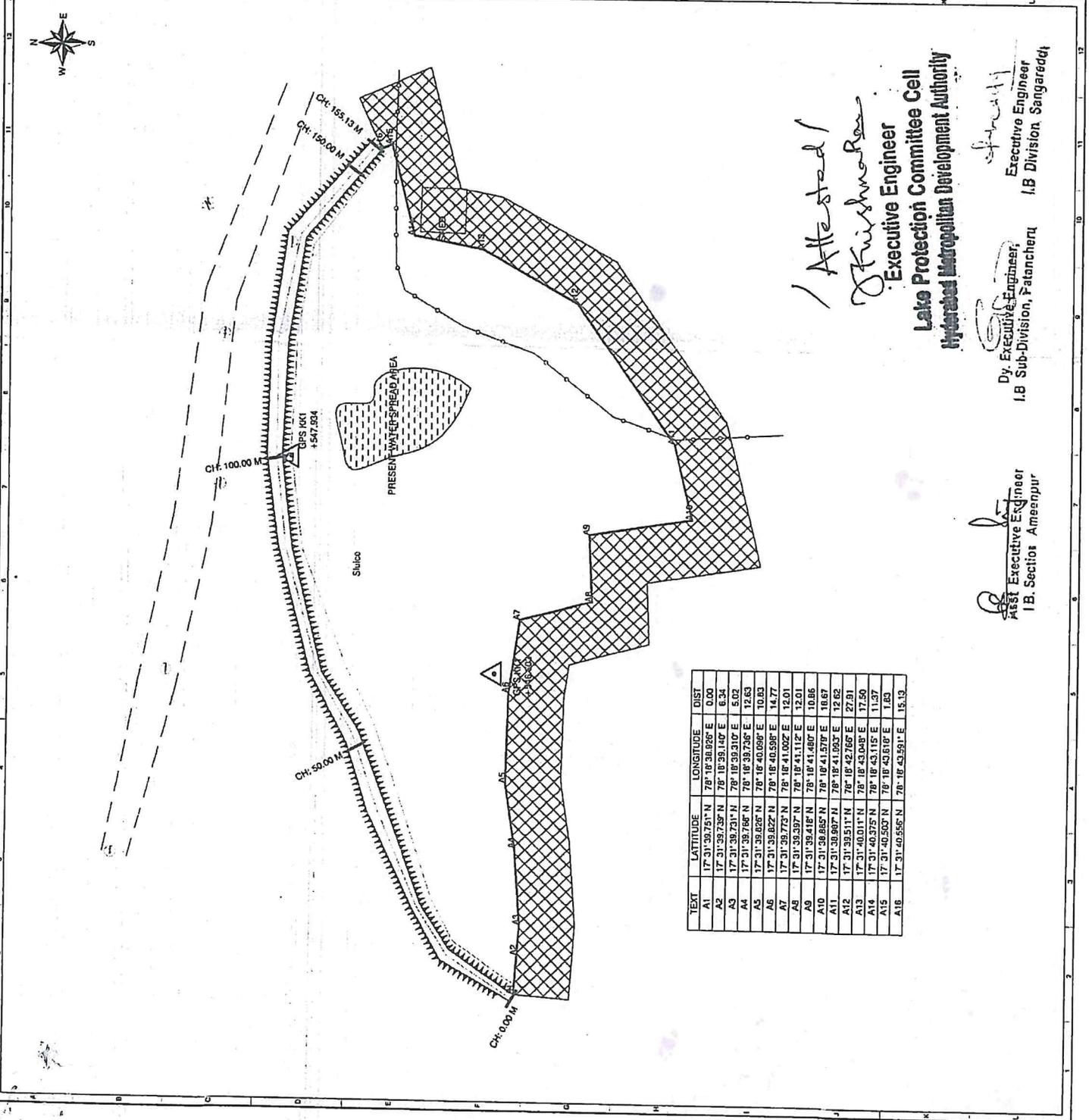
**Title:** PLAN OF SHIKHAR KUNTA (ID - 00) AMEENPUR (M), JAMEENPUR (M), SANGAREDDY (D)

**Scale:** 1:500

**Consultants:** aarvee associates  
architects engineers consultants pvt.ltd.  
A-10/1, 2nd Floor, Cyber Law Park, Hyderabad-500 082, India  
E-mail: info@aarveeassociates.com, www.aarveeassociates.com

**Scale:** 1:500  
**Drawn:** K.Yesudha  
**Checked:** V.Vamsi  
**Approved:** Ch. Lingulaiah

**Drw. No.:** A4/IR/1689/ID-00  
**Sheet No.:** 1  
**Date:**



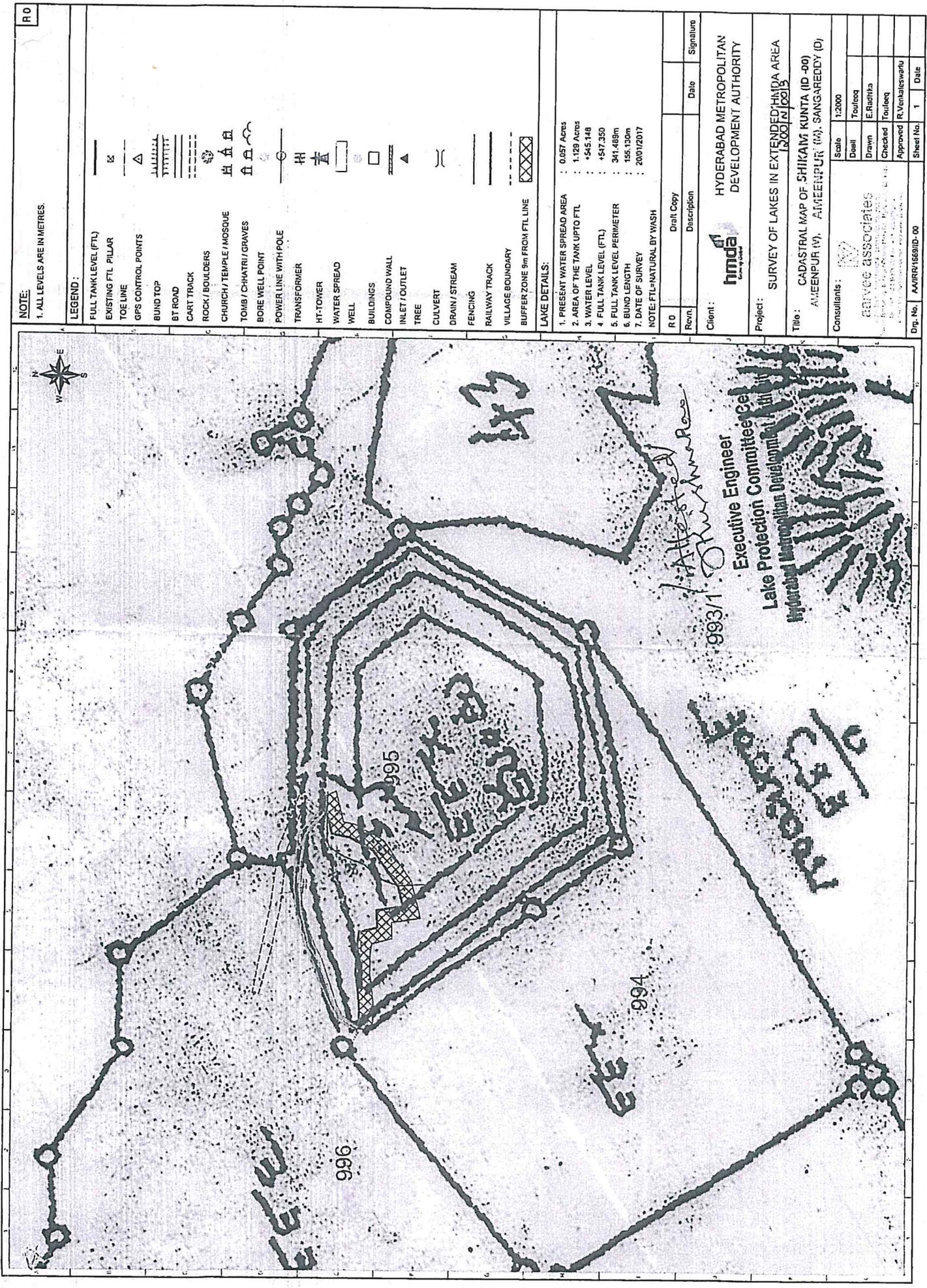
*Attested!*

*Krishna Rao*  
**Executive Engineer**  
**Lake Protection Committee Cell**  
**Hyderabad Metropolitan Development Authority**

*[Signature]*  
**Executive Engineer**  
**I.B. Division, Sangareddy**

*[Signature]*  
**Dy. Executive Engineer,**  
**I.B. Sub-Division, Patancheru**

*[Signature]*  
**Asst. Executive Engineer**  
**I.B. Section, Ameerapur**



**NOTE:**  
1. ALL LEVELS ARE IN METRES.

**LEGEND:**

—	FULL TANK LEVEL (FTL)
⊗	EXISTING FTL PILLAR
—	TOE LINE
△	GPS CONTROL POINTS
	BUND TOP
—	BT ROAD
—	CART TRACK
—	ROCK / BOULDERS
⊙	CHURCH / TEMPLE / MOSQUE
⊕	TOMB / CHHATRI / GRAVES
⊖	BORE WELL POINT
⊙	POWER LINE WITH POLE
⊙	TRANSFORMER
⊙	HT-TOWER
⊙	WATER SPREAD
⊙	WELL
⊙	BUILDINGS
⊙	COMPOUND WALL
⊙	INLET / OUTLET
⊙	TREE
⊙	CULVERT
⊙	DRAIN / STREAM
⊙	FENCING
⊙	RAILWAY TRACK
⊙	VILLAGE BOUNDARY
⊙	BUFFER ZONE 9m FROM FTL LINE

**LAKE DETAILS:**

1. PRESENT WATER SPREAD AREA	: 0.67 Acres
2. AREA OF THE TANK UPTO FTL	: 1.129 Acres
3. WATER LEVEL	: +545.148
4. FULL TANK LEVEL (FTL)	: +547.350
5. FULL TANK LEVEL PERIMETER	: 341.489m
6. BUND LENGTH	: 155.130m
7. DATE OF SURVEY	: 20/01/2017

NOTE: FTL=NATURAL BY WASH

RO	Drift Copy	Date	Signature
Revn.	Description		
Client:	HYDERABAD METROPOLITAN DEVELOPMENT AUTHORITY		
Project:	SURVEY OF LAKES IN EXTENDED HMUDA AREA		
Title:	CADASTRAL MAP OF SHIKAM KUNTA (ID-00) AMEENPUR (V), AMEENPUR (M), SANGAREDDY (D)		
Consultants:	Scale: 1:2000		
	Drawn	Checked	Approved
	Toufeeq	Toufeeq	R.Venkateswarlu
Dwg. No.	AAURR1669ID-00	Sheet No.	1
		Date	

993/1  
A. H. S. R.  
Executive Engineer  
Lake Protection Committee  
Hyderabad Metropolitan Development Authority

**Statement of Encroachments in the FTL area of Water Bodies**

Sl. No	Lake Name	No. of Encroachments
1	Pochamma Kunta	24
2	Uba Kunta/Duba kunta	68
3	Shetti Kunta	180
4	Bandam Komma Cheruvu	23
5	Uskebavi Kunta	14
6	Upparivani Kunta	137
7	Sambuni Kunta	149
8	Sambi Kunta	26
9	Kummari Kunta	0
10	Pedda Cheruvu	200
11	Kotha Cheruvu	20
12	Kunta Shikam	0
13	Gandi kunta	0
14	Koneti Kunta	40
	<b>Total Encroachments</b>	<b>881</b>

Details of the works taken up under Mission Kakatiya

Sl. No	Lake ID	Lake Name	Mission Kakatiya	Amt in Rs. Lakhs
1	1200/34	Pedda Cheruvu	Mk3	352.5
2		Kotha Cheruvu		
3	1200/48	Kummari Kunta	Mk-2	4.6
4	1200/43	Bandamkommu Kunta	Mk-3	9.11
7	311	Shambuni Kunta / Devuni Kunta	Mk-2	30.1
8	1200/32	Uskebavi Kunta	Mk-2	9.12
9	1200/31	Shetti Kunta	MK-3	16.95
10		Uba Kunta / Dubba Kunta		
11	1200/33	Pochamma Kunta	Mk-2	7.65
12	1200/47	Gandi Kunta /Beerumguda cheru	Mk-2	5.65
13	1200/41	Sambi Cheruvu	Mk-1	60.6

Details of Industries located in the catchment of Ameenpur lake

S.No	Name & location of the Industry	Compliance
1.	M/s.Aurobindo Pharma Ltd., (Unit – XII), (Formulation Division), Sy. No. 314, Bachupalli (V), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• Industry is maintaining records of fresh water consumption / waste water generation / lifted to CETP. During the period Nov'2020 to Apr'2021, the industry has lifted 61.56 KLD of LTDS effluents, which is within the permitted quantity of 90 KLD.</li> <li>• The industry has disposed 26.47 MT of off-specification products and other hazardous wastes to authorized agencies during the period Nov'2020 to Apr'2021.</li> <li>• The industry has provided rain water collection tanks of capacities 3.5 KL and 20 KL for collection of 1st rain water runoff.</li> <li>• Installed 3 IP cameras for monitoring any discharges outside the industry.</li> </ul> <p>02 IP cameras on drains and 01 IP camera at effluent loading area.</p>
2.	M/s.Aurobindo Pharma Ltd., (Formulation Research & Development (RC-I), Sy.No.313, Bachupalli(V), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• The unit has disposed 35.4 KLD of LTDS wastewater during the period Nov'2020 to Apr'2021, which is within the consented quantity of 60 KLD.</li> <li>• The industry has disposed 1.23 MT of off-specification products and other hazardous wastes to authorized agencies during the period Nov'2020 to Apr'2021.</li> <li>• Both units (Unit-XII &amp; RC-I) are located in the same premises, the industries have provided 3 nos. of common cameras for both units.</li> <li>• 02 IP cameras on drains and 01 IP camera at effluent loading area.</li> </ul>
3.	M/s.TFL Leather Technique (P) Ltd., (Formerly M/s. Quinn International Pvt. Ltd.), Sy.Nos. 313 ,314, 325, 326 & 343, Bachupally (V), Quthbullapur (M), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• During the period Jan'2020 to Dec'2020, the industry has manufactured 48.6 TPM which is within the consented quantity of 1458 TPM.</li> <li>• Industry has provided separate flow meters for LTDS &amp; HTDS effluents and has lifted 600 KL of HTDS and 1200 KL of LTDS to during the period Jan'20 to Dec'20.</li> </ul>

S.No	Name & location of the Industry	Compliance
		<ul style="list-style-type: none"> <li>• The industry has disposed 24.4 Tons of hazardous wastes to TSDF, Dundigal during the period Jan'2020 to Dec'2020.</li> <li>• Installed 4 IP cameras for monitoring any discharges outside the industry.</li> </ul> <p>03 IP cameras on drains and 01 IP camera at effluent loading area.</p>
4.	M/s. ACE Tyres Pvt. Ltd., Sy.No.314 & 315, Bachupally (V), Quthbullapur (M), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• During inspection, no discharge of effluents into the drain was observed.</li> <li>• The industry has provided flow meter to assess the LTDS water being disposed to CETP.</li> <li>• Installed 4 IP cameras for monitoring any discharges outside the industry</li> <li>• 03 IP cameras on drains and 01 IP camera at effluent loading area.</li> </ul>
5.	M/s. Excel rubbers (Formerly M/s. Venus Elastomers (P) Ltd.,) Sy. Nos. 315 & 316, Bachupally (V), Quthubullapur (M), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• During inspection, no discharge of effluents into the drain was observed.</li> <li>• The industry is not generating any effluents. Only domestic effluents are being generated which are being disposed through septic tank.</li> <li>• Installed 2 IP cameras for monitoring any discharges outside the industry.</li> </ul> <p>03 IP cameras on drains and 01 IP camera at effluent loading area.</p>
6.	M/s. Vilas Polymer Limited, Sy. No. 312, Bachupally (V), Quthubullapur (M), Medchal-Malkajigiri District.	<ul style="list-style-type: none"> <li>• During inspection, the industry was not in operation.</li> <li>• The industry is not in operation since 2017.</li> </ul>
7.	M/s. N.S.Engineering Private Limited, Sy.Nos. 312 & 313, Bachupally (V), Quthubullapur (M), Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• Industry generates only domestic effluents which are being lifted to M/s.JETL, Jeedimetla.</li> <li>• The industry has lifted 620 KL of LTDS effluents to M/s.JETL during the period Apr'2020 to Mar'2021.</li> <li>• Installed 2 IP cameras for monitoring any discharges outside the industry.</li> </ul> <p>01 IP cameras on drains and 01 IP camera at effluent loading area.</p>

S.No	Name & location of the Industry	Compliance
8.	M/s. VEM Technologies Pvt. Ltd., Sy. No. 314, Bachupally (V), Quthubullapur (M), Medchal-Malkajigiri District.	<ul style="list-style-type: none"> <li>• Industry generates only domestic effluents which are being lifted to M/s.JETL, Jeedimetla.</li> <li>• The industry has lifted 560 KL of LTDS effluents to M/s.JETL during the period Apr'2020 to Mar'2021.</li> <li>• Installed 2 IP cameras for monitoring any discharges outside the industry.</li> </ul> <p>01 IP cameras on drains and 01 IP camera at effluent loading area</p>
9.	M/s. Excel Industries, Plot No: 68 to 77, Sy.No.311 & 312, IDA, Bachupally, Medchal-Malkajigiri District	<ul style="list-style-type: none"> <li>• During inspection, the industry was not in operation. The unit is not in operation since 4 months.</li> </ul>
10.	M/s. Hindustan Coca Cola Beverages Private Ltd., Sy. No. 169, Ameenpur (V), Patancheru (M), Sangareddy District	<ul style="list-style-type: none"> <li>• Industry is treating the trade effluent, consisting of washing, boiler blow down and cooling bleed-off in biological ETP followed by Ultra Filtration (UF) and RO systems. The RO permeate is recycled for process &amp; utilities and RO rejects are evaporated in MEE.</li> <li>• The domestic effluents after treatment are disposed to PETL, Patancheru.</li> <li>• No discharges were observed from the industry.</li> </ul>