

Mapping of Urban Tanks / Rivers and Changes Palakollu Urban Local Body, West Godavari District, Andhra Pradesh



Data Source:

1. Urban Local Body Boundary provided by the Commissioner and Director of Municipal Administration, Government of Andhra Pradesh.
2. Tank / Lake / River / Reservoir / Drainage / Canal boundary digitized based on Survey of India Topo-sheet and Cartosat+LISS-IV Satellite Data (2.5 metres resolution) year 2011.
3. Changes of 2011 digitized based on Cartosat+LISS-IV Satellite Data (2.5 metres resolution - year 2011).
4. Changes of 2016 digitized based on Cartosat+LISS-IV Satellite Data (2.5 metres resolution - year 2016).
5. Changes of 2024 digitized based on Sentinel Satellite Data (10 metres resolution - April 2024).

Ullamparru

Poolapalle

Penumadam

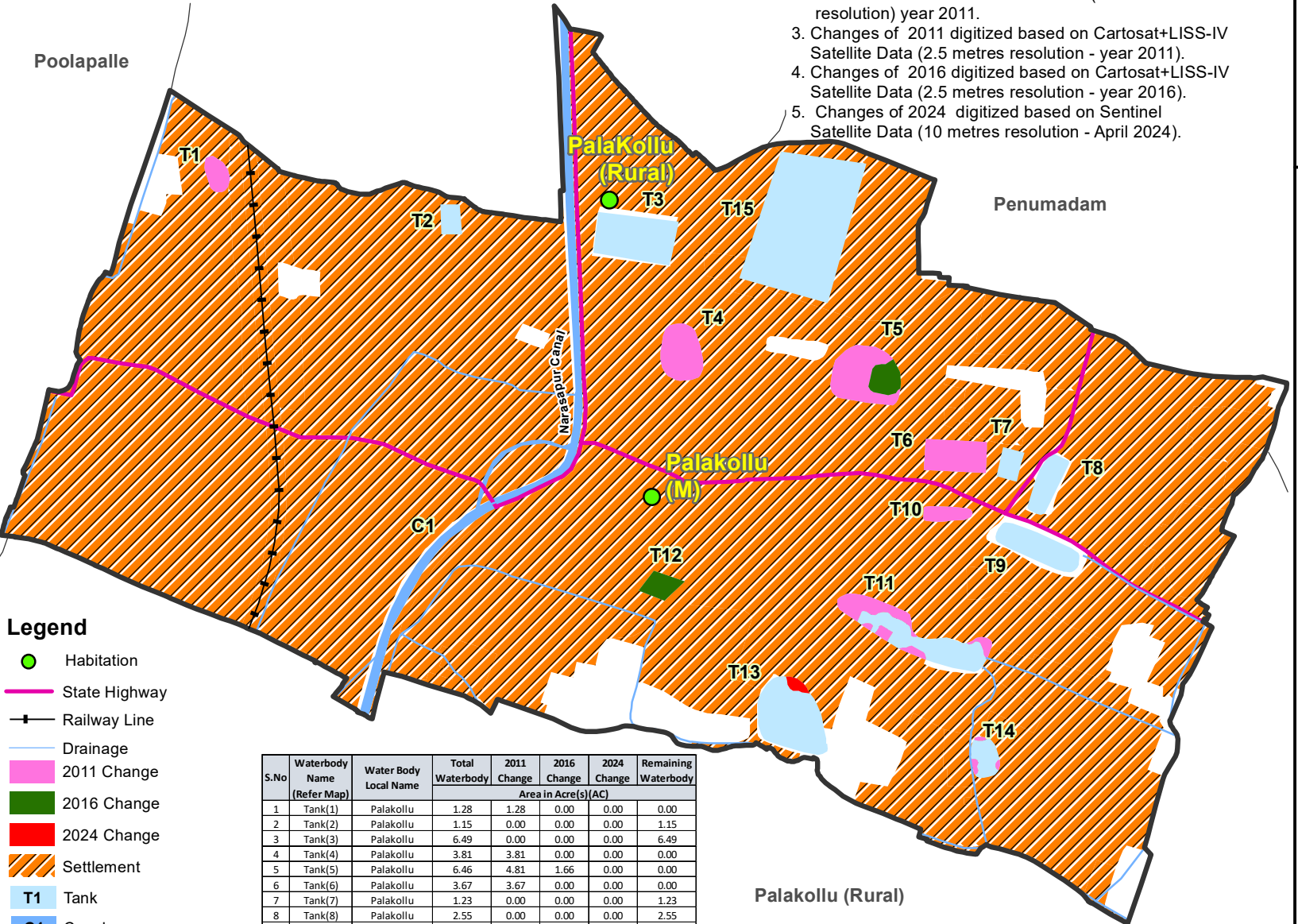
Palakollu (Rural)

Palakollu (M)

Palakollu (Rural)

C1

Narasapur Canal



Legend

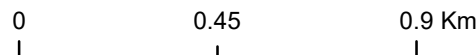
- Habitation
- State Highway
- Railway Line
- Drainage
- 2011 Change
- 2016 Change
- 2024 Change
- Settlement
- T1 Tank
- C1 Canal
- Urban Local Body

S.No	Waterbody Name (Refer Map)	Water Body Local Name	Total Waterbody	2011 Change	2016 Change	2024 Change	Remaining Waterbody
Area in Acre(s) (AC)							
1	Tank(1)	Palakollu	1.28	1.28	0.00	0.00	0.00
2	Tank(2)	Palakollu	1.15	0.00	0.00	0.00	1.15
3	Tank(3)	Palakollu	6.49	0.00	0.00	0.00	6.49
4	Tank(4)	Palakollu	3.81	3.81	0.00	0.00	0.00
5	Tank(5)	Palakollu	6.46	4.81	1.66	0.00	0.00
6	Tank(6)	Palakollu	3.67	3.67	0.00	0.00	0.00
7	Tank(7)	Palakollu	1.23	0.00	0.00	0.00	1.23
8	Tank(8)	Palakollu	2.55	0.00	0.00	0.00	2.55
9	Tank(9)	Palakollu	4.00	0.00	0.00	0.00	4.00
10	Tank(10)	Palakollu	1.25	1.25	0.00	0.00	0.00
11	Tank(11)	Palakollu	8.41	3.25	0.00	0.00	5.15
12	Tank(12)	Palakollu	1.42	0.00	1.42	0.00	0.00
13	Tank(13)	Palakollu	7.71	0.00	0.00	0.42	7.28
14	Tank(14)	Varidhanam	1.85	0.28	0.00	0.00	1.57
15	Tank(15)	Palakollu	23.55	0.00	0.00	0.00	23.55
16	Canal (1)	Narasapur Canal	13.63	0.00	0.00	0.00	13.63
Grand Total			88.44	18.35	3.07	0.42	66.60

Coordinate Reference System:

Datum: WGS84
Projection: UTM Zone 44N

Note: This map and contents are required to be ground-truthed and vetted by the Collector and District Magistrate, West Godavari District and the Stakeholder Departments.



Prepared By



Andhra Pradesh Space Applications Centre
ITE & C Department, Govt., of A.P.
Vijayawada - 520010