

Mapping of Urban Tanks / Rivers and Changes Samarlakota Urban Local Body, Kakinada District, Andhra Pradesh

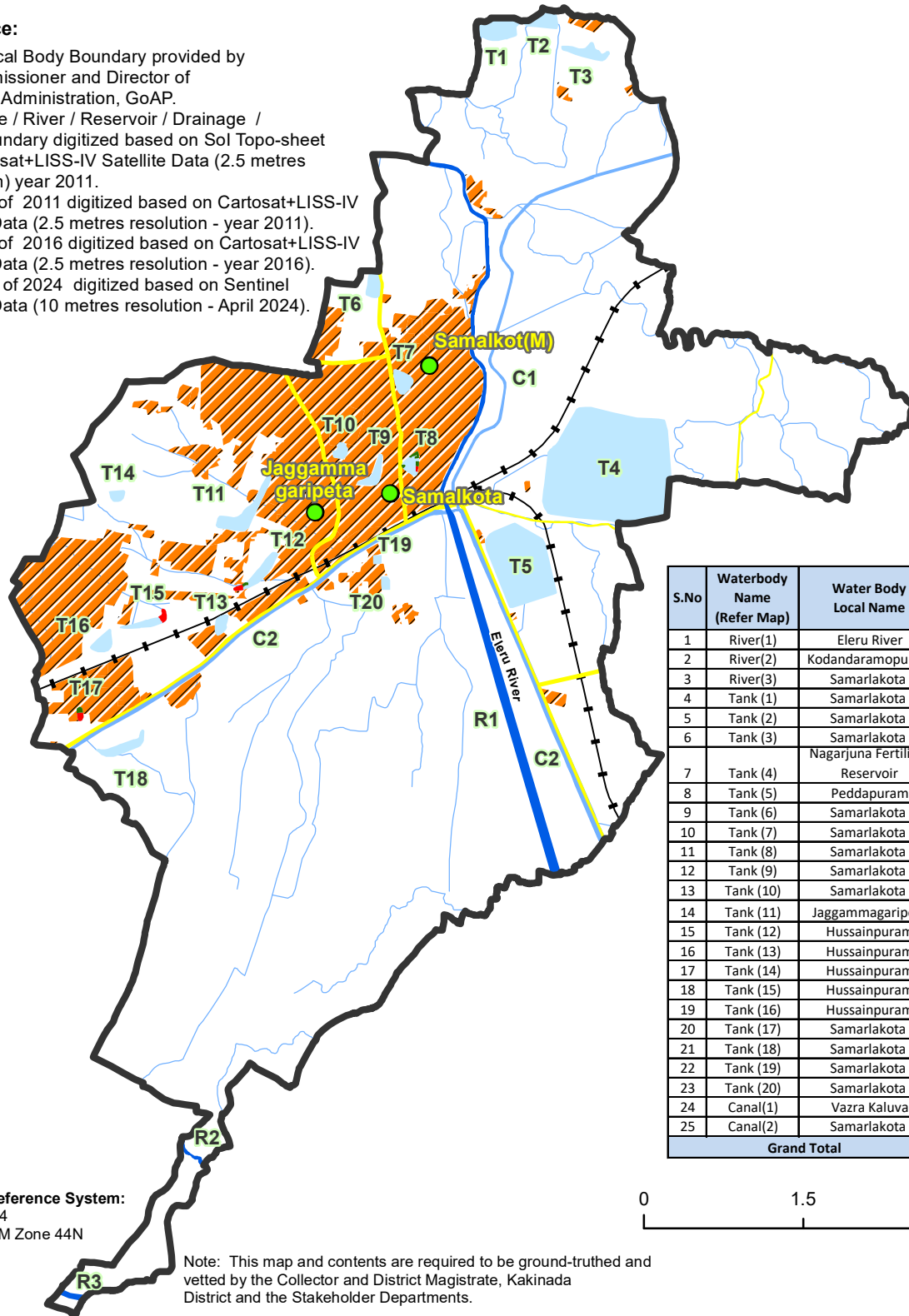


Data Source:

1. Urban Local Body Boundary provided by the Commissioner and Director of Municipal Administration, GoAP.
2. Tank / Lake / River / Reservoir / Drainage / Canal boundary digitized based on Sol 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).

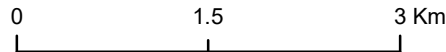
Legend

- Habitation
- State Highway
- District Road
- Railway Line
- Drainage
- 2016 Change
- 2024 Change
- Settlement
- R1 River
- T1 Tank
- C1 Canal
- Urban Local Body



S.No	Waterbody Name (Refer Map)	Water Body Local Name	Total Waterbody	2016	2024	Remaining Waterbody
				Change	Change	
Area in Acre(s)(AC)						
1	River(1)	Eleru River	104.55	0.00	0.00	104.55
2	River(2)	Kodandaramapuram	2.84	0.00	0.00	2.84
3	River(3)	Samarlakota	3.18	0.00	0.00	3.18
4	Tank (1)	Samarlakota	16.12	0.00	0.00	16.12
5	Tank (2)	Samarlakota	9.15	0.00	0.00	9.15
6	Tank (3)	Samarlakota	8.94	0.00	0.00	8.94
7	Tank (4)	Nagarjuna Fertilizer Reservoir	258.39	0.00	0.00	258.39
8	Tank (5)	Peddapuram	85.04	0.00	0.00	85.04
9	Tank (6)	Samarlakota	6.72	0.00	0.00	6.72
10	Tank (7)	Samarlakota	7.27	0.00	0.00	7.27
11	Tank (8)	Samarlakota	5.71	1.27	0.28	4.16
12	Tank (9)	Samarlakota	6.38	0.00	0.00	6.38
13	Tank (10)	Samarlakota	3.75	0.00	0.00	3.75
14	Tank (11)	Jaggammagaripeta	16.74	0.00	0.00	16.74
15	Tank (12)	Hussainpuram	9.83	0.35	0.92	8.56
16	Tank (13)	Hussainpuram	4.38	0.00	0.00	4.38
17	Tank (14)	Hussainpuram	3.11	0.00	0.00	3.11
18	Tank (15)	Hussainpuram	6.55	0.00	1.50	5.05
19	Tank (16)	Hussainpuram	6.71	0.00	0.00	6.71
20	Tank (17)	Samarlakota	1.60	0.64	0.96	0.00
21	Tank (18)	Samarlakota	9.18	0.00	0.00	9.18
22	Tank (19)	Samarlakota	1.56	0.00	0.00	1.56
23	Tank (20)	Samarlakota	2.42	0.00	0.00	2.42
24	Canal(1)	Vazra Kaluva	31.91	0.00	0.00	31.91
25	Canal(2)	Samarlakota	61.77	0.00	0.00	61.77
Grand Total			673.81	2.26	3.67	667.88

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, Kakinada District and the Stakeholder Departments.

Prepared By



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