

ANNEXURE-2

TABLES

Table-1: Comparison of CZMP 2011 and draft CZMP based on CRZ Notification 2019 in Kollam

Local Bodies under CRZ (CZMP 2011)	Local Bodies under CRZ (CZMP 2019)	Remarks
<p>Corporation: (1) Kollam</p> <p>Municipalities: (2) Karunagappally, Paravoor</p> <p>Grama Panchayats: (26) Alappad, Clappana, Kulasekharapuram, Thodiyoor, Mynagappally Panmana, Chavara, Thevalkkara, West Kallada, East Kallada, Sasthamkotta, Pavithreswaram, Kunnathur, Kundara, Perayam, Mundrothuruth, Perinad, Panayam, Thrikkaruva, Thekkumbhagam, Neendakara, Mayyanad, Adichanallur, Nedumpana, Chathannur and Poothakulam</p>	<p>Corporation: (1) Kollam</p> <p>Municipalities: (2) Karunagappally, Paravoor</p> <p>Grama Panchayats: (25) Alappad, Clappana, Kulasekharapuram, Thodiyoor, Mynagappally Panmana, Chavara, Thevalkkara West Kallada, East Kallada, Sasthamkotta, Pavithreswaram, Kunnathur, Perayam Mundrothuruth, Perinad, Panayam, Thrikkaruva, Thekkumbhagam, Neendakara, Mayyanad, Adichanallur, Nedumpana, Chathannur and Poothakulam</p>	<ul style="list-style-type: none"> ➤ Coastal Village such as Alappad, Panmana , Chavara and Mayyanad, Neendakara which are parts of Alappad Panchayat, Panmana Panchayat, Mayyanad Panchayat, Chavara Panchayat, Neendakara Panchayat respectively are classified into CRZ III A based on the guideline of CZMP Preparation as per CRZ Notification 2019. In such villages, NDZ has been redrawn as 50 meters from the HTL against 200 meters stipulated in the previous CRZ Notification, 2011. ➤ As per CRZ Notification 2019, 50m NDZ/CRZ limit (for tidal water bodies) has been demarcated instead of 100m in the previous notification; however, retain width of the creek less than 50m. ➤ The islands are buffered with 54 m or width of the creek whichever is less and 20m CRZ line landward of HTL is also depicted in the map which will be considered only after IIMP is implemented. ➤ 50 islands are listed as per the CRZ notification 2019.

Table-2: Showing the Village-wise population statistics for identifying the CRZ-III A category – Kollam District

Sl. No:	Village	Population	Area (Sq.km)	Population density/Sq.km	Category	Grama Panchayat	Remarks/Source
1	Alappad	21655	7.6	2849.34	CRZ III A	Alappad	Census 2011, Part B
2	Panmana	29008	10.1	2872.08	CRZ III A	Panmana	Census 2011, Part B
3	Chavara	42655	13.16	3241.26	CRZ III A	Chavara	Census 2011, Part B
4	Neendakara	16976	4.88	3478.69	CRZ III A	Neendakara	Revenue Records
5	Mayyanad	40039	14.77	2710.83	CRZ III A	Mayyanad	Census 2011, Part B

Table-3: CRZ details in Local bodies of Kollam District

Local bodies	HTL Length (km)		CRZ IA (km ²)	50m MBZ (km ²)	CRZ IB (km ²)	CRZ II (km ²)		CRZ III (km ²)				CRZ IVB (km ²)
	Along Coast	Along Creek	Mangroves			Along Coast	Along Creek	NDZ		CRZ IIIA (50-500m)	CRZ IIIB (200-500m)	
								Along Coast	Along Creek			
Alappad	13.71	40.99	0.076383	0.053061	0.146171			0.684755	0.465758	2.321175	0.000228	1.905048
Clappana		5.26	0.053061	0.013354	0.023792				0.174169		0.018118	0.090220
Kulasekharapuram		2.79	0.000625		0.000502				0.178763		0.139747	0.013612
Karunagappally Municipality	0.06	12.96	0.004391	0.024099	0.08227	0.456086	0.405943					1.124875
Thodiyoor		10.04			0.031729				0.484163			0.409207
Mynagappally		5.27			0.029818				0.251666			0.148972
Panmana	2.11	17.92	0.007226	0.039893	0.211931			0.095258	0.791114	0.824466		1.307941
Chavara	3.60	14.96	0.019939	0.078513	0.057989			0.174555	0.653918	0.755432		1.178326
Thevalkkara		10.39	0.004602	0.017520	0.016854				0.556532			0.934521
West Kallada		3.02			0.001326				0.336591			0.060941
East Kallada		16.95	0.000831		0.018869				0.828087			0.626570
Sasthamkotta		4.70			0.000689				0.243486			0.224281
Pavithreswaram		9.68			0.024260				0.454853			0.323125
Kunnathur		7.62							0.384968			0.401728
Perayam		35.73	0.029563	0.022727	0.066711				1.443748			6.758610
Mundrothuruth		42.04	0.220348	0.345194	0.347085				1.454256			2.144206
Perinad		18.86	0.023354	0.089372	0.026776				0.856125			4.751414
Panayam		9.51	0.004368	0.010953	0.007273				0.503325			2.639411
Thrikkaruva		41.14	0.050690	0.075896	0.079973				1.370857			22.89907
Thekkumbhagam		21.31	0.045256	0.016081	0.047649				0.955853			2.294225

Neendakara	4.76	29.48	0.202596	0.173230	0.106251			0.222318	0.499941	1.580809		1.215671
Kollam Corporation	22.6	82.33	0.114951	0.180924	0.379176	7.442276	2.530804					8.904604
Mayyanad	2.09	11.17	0.002491		0.080373			0.102821	0.539003	0.248137		1.200898
Adichanallur		29.67	0.011210	0.026668	0.839281				1.22718			2.404161
Nedumpana		3.32			0.088573				0.156735			0.332175
Chathannur		16.2	0.006683		0.197879				0.707922			1.297624
Paravur Municipality	5.27	29.16	0.005129	0.020486	0.135755	1.996844	0.885947					4.358052
Poothakulam		10.63		0.002010					0.411904			1.869323
Sub total	54.2	543.12	0.883697	1.189981	3.048955	9.895206	3.822694	1.279707	15.930917	5.730019	0.158093	71.81881
Total	597.32		0.883697	1.189981	3.048955	13.7179		17.210624		5.730019	0.158093	71.81881

Table-4: CRZ details in Villages of Kollam District

Local bodies (Panchayat/ Municipality/ Corporation)	Villages	HTL Length (km)		CRZ IA (km ²)	50m Mangrove Buffer Zone (km ²)	CRZ IB (km ²)	CRZ II (km ²)		CRZ III (km ²)				CRZ IVB (km ²)
		Along Coast	Along Creek	Mangroves			Along Coast	Along Creek	NDZ		CRZ IIIA	CRZ IIIB	
									Along Coast	Along creek	(50- 500m)	(200- 500m)	
Alappad	Alappad Village	13.71	40.99	0.076383	0.053061	0.146171			0.684755	0.465758	2.321175	0.000228	1.905048
Clappana	Clappana Village		5.26	0.053061	0.013354	0.023792				0.174169		0.018118	0.090220
Kulasekharapuram	Kulasekharapuram Village		2.27	0.000266		0.000502				0.139833		0.052557	0.012596
	Adinad Village		0.52	0.000359						0.038930		0.087190	0.001016
Karunagappally Municipality	Karunagappally Village		1.80			0.023480	0.095167	0.077531					0.124937
	Ayanivelikulangara Village	0.06	11.16	0.004391	0.024099	0.058790	0.360919	0.328412					0.999938
Thodiyoor	Kallalibhagom Village		10.04			0.031729				0.484163			0.409207
Mynagappally	Mynagappally Village		5.27			0.029818				0.251666			0.148972
Panmana	Vadakkumthala		10.21	0.003443		0.111127				0.490580			0.730389
	Panmana Village	2.11	7.71	0.003783	0.039893	0.100804			0.095258	0.300534	0.824466		0.577552
Chavara	Chavara Village	3.60	14.96	0.019939	0.078513	0.057989			0.174555	0.653918	0.755432		1.178326
Thevalkkara	Thevalkkara Village		10.39	0.004602	0.017520	0.016854				0.556532			0.934521
West Kallada	West Kallada Village		3.02			0.001326				0.336591			0.060941
East Kallada	East Kallada Village		16.95	0.000831		0.018869				0.828087			0.626570
Sasthamkotta	Sasthamkotta Village		4.70			0.000689				0.243486			0.224281
Pavithreswaram	Pavithreswaram Village		9.39			0.024260				0.436155			0.313762
	Puthur Village		0.29							0.018698			0.009363

Kunnathur	Kunnathur Village		7.62							0.384968			0.401728
Perayam	Mulavana Village		35.73	0.029563	0.022727	0.066711				1.443748			6.758610
Mundrothuruth	Mandrothuruth Village		42.04	0.220348	0.345194	0.347085				1.454256			2.144206
Perinad	Perinad Village		18.86	0.023354	0.089372	0.026776				0.856125			4.751414
Panayam	Panayam Village		9.51	0.004368	0.010953	0.007273				0.503325			2.639411
Thrikkaruva	Thrikkaruva Village		41.14	0.050690	0.075896	0.079973				1.370857			22.89907
Thekkumbhagam	Thekkumbhagam Village		21.31	0.045256	0.016081	0.047649				0.955853			2.294225
Neendakara	Neendakara Village	4.76	29.48	0.202596	0.173230	0.106251			0.222318	0.499941	1.580809		1.215671
Kollam Corporation	Trikkadavoor Village		31.21	0.010392	0.000849	0.021662		1.290436					6.198789
	Sakthikulangara Village	6.26	18.08	0.093437	0.136387	0.075421	2.332734	0.460329					1.104133
	Kollam Village	10.09	15.31	0.009110	0.043688	0.115600	2.519766	0.612826					1.140732
	Mangad Village		3.29	0.001547		0.003281		0.149282					0.121561
	Kilikollur Village		0.95					0.017931					0.008526
	Mundakkal Village	3.68	7.50			0.146442	1.684722						0.077294
	Eravipuram Village	2.57	5.99	0.000465		0.016770	0.905054						0.253569
Mayyanad	Mayyanad Village	2.09	11.17	0.002491		0.080373			0.102821	0.539003	0.248137		1.200898
Adichanallur	Thazhuthala Village		4.66			0.018168				0.193960			0.469958
	Adichanallur Village		25.01	0.011210	0.026668	0.821113				1.033220			1.934203
Nedumpana	Nedumpana Village		3.32			0.088573				0.156735			0.332175
Chathannur	Meenad Village		16.20	0.006683		0.197879				0.707922			1.297624
Paravur Municipality	Paravoor Village	5.27	29.16	0.005129	0.020486	0.135755	1.996844	0.885947					4.358052
Poothakulam	Poothakulam Village		10.63		0.002010					0.411904			1.869323
Sub Total		54.2	543.12	0.883697	1.189981	3.048955	9.895206	3.822694	1.279707	15.930917	5.730019	0.158093	71.81881
TOTAL		597.32	0.883697	1.189981	3.048955	13.7179	17.210624	5.730019	0.158093	71.81881			

Table-5: List of Coastal and Backwater Islands in Kollam District

Island No.	Local Body	Latitude	Longitude	Area (Km ²)
1	Adichanallur	8° 50' 39.986" N	76° 40' 41.611" E	0.047279
2	Adichanallur	8° 51' 15.713" N	76° 40' 54.170" E	0.025335
3	Alappad	9° 2' 46.396" N	76° 30' 23.768" E	0.050936
4	Alappad	9° 3' 49.471" N	76° 29' 57.509" E	0.133969
5	Alappad	9° 7' 16.118" N	76° 28' 19.094" E	0.04108
6	Alappad	9° 7' 19.939" N	76° 28' 26.916" E	0.087716
7	Chavara	8° 58' 28.895" N	76° 31' 50.047" E	0.166049
8	Kollam Municipal Corporation	8° 54' 15.428" N	76° 37' 8.097" E	0.01044
9	Kollam Municipal Corporation	8° 55' 40.983" N	76° 33' 47.787" E	0.056448
10	Kollam Municipal Corporation	8° 55' 43.149" N	76° 33' 53.462" E	0.016217
11	Kollam Municipal Corporation	8° 55' 56.310" N	76° 33' 44.439" E	0.06705
12	Kollam Municipal Corporation	8° 56' 3.091" N	76° 33' 45.623" E	0.002034
13	Kollam Municipal Corporation	8° 56' 2.059" N	76° 33' 38.781" E	0.000339
14	Kollam Municipal Corporation	8° 56' 3.178" N	76° 33' 36.588" E	0.001159
15	Kollam Municipal Corporation	8° 55' 56.439" N	76° 33' 26.700" E	0.077332
16	Kollam Municipal Corporation	8° 56' 3.620" N	76° 33' 20.959" E	0.024651
17	Kollam Municipal Corporation	8° 56' 4.221" N	76° 33' 2.583" E	0.101301
18	Kollam Municipal Corporation	8° 55' 58.062" N	76° 33' 12.737" E	0.115531
19	Kollam Municipal Corporation, Neendakara	8° 56' 9.731" N	76° 33' 13.427" E	0.074716
20	Mundrothuruthu	8° 59' 42.119" N	76° 35' 48.107" E	1.462947
21	Mundrothuruthu	8° 59' 15.981" N	76° 35' 57.636" E	0.007699
22	Mundrothuruthu	8° 59' 35.923" N	76° 36' 17.167" E	0.307037
23	Mundrothuruthu	8° 59' 46.116" N	76° 36' 37.959" E	0.834404
24	Mundrothuruthu	8° 59' 24.167" N	76° 37' 0.120" E	2.697859

25	Mundrothuruthu	8° 58' 28.534" N	76° 36' 28.347" E	0.221747
26	Mundrothuruthu	8° 59' 12.120" N	76° 37' 33.968" E	0.00322
27	Mundrothuruthu	8° 59' 55.637" N	76° 37' 44.714" E	0.008851
28	Mundrothuruthu	9° 0' 5.932" N	76° 37' 38.288" E	0.596823
29	Neendakara	8° 56' 15.998" N	76° 33' 21.545" E	0.046528
30	Neendakara	8° 56' 21.814" N	76° 33' 12.057" E	0.146685
31	Neendakara	8° 56' 29.767" N	76° 33' 15.505" E	0.006872
32	Neendakara	8° 56' 31.432" N	76° 32' 57.606" E	0.072108
33	Neendakara	8° 56' 37.769" N	76° 32' 54.609" E	0.172689
34	Neendakara	8° 56' 58.279" N	76° 32' 42.413" E	0.344116
35	Neendakara	8° 56' 44.268" N	76° 32' 35.877" E	0.370943
36	Neendakara	8° 57' 19.226" N	76° 32' 28.682" E	0.222916
37	Neendakara	8° 57' 50.645" N	76° 32' 5.879" E	0.116788
38	Neendakara	8° 56' 8.533" N	76° 32' 21.388" E	0.001245
39	Paravoor Municipality	8° 47' 59.038" N	76° 40' 11.074" E	0.003404
40	Paravoor Municipality	8° 50' 30.073" N	76° 40' 34.917" E	0.033743
41	Paravoor Municipality	8° 49' 58.145" N	76° 40' 3.225" E	0.000999
42	Paravoor Municipality, Mayyanad	8° 48' 59.478" N	76° 38' 51.587" E	0.169857
43	Perayam	8° 58' 53.602" N	76° 37' 39.594" E	0.002276
44	Thekkumbhagom	8° 56' 56.405" N	76° 33' 2.017" E	0.308994
45	Thekkumbhagom	8° 57' 13.835" N	76° 32' 59.767" E	0.007354
46	Thekkumbhagom	8° 57' 20.344" N	76° 33' 2.959" E	0.011846
47	Thekkumbhagom	8° 57' 4.424" N	76° 32' 50.821" E	0.016922
48	Thekkumbhagom	8° 56' 57.144" N	76° 33' 39.922" E	0.000839
49	Thekkumbhagom	8° 57' 1.121" N	76° 33' 51.480" E	0.018161
50	Thekkumbhagom	8° 57' 24.188" N	76° 32' 48.271" E	0.004089
51	Thekkumbhagom	8° 57' 26.334" N	76° 32' 39.253" E	0.009151
52	Thekkumbhagom	8° 57' 31.702" N	76° 32' 40.392" E	0.05239
53	Thekkumbhagom	8° 57' 53.829" N	76° 33' 45.615" E	4.858093
54	Thrikkaruva	8° 57' 41.804" N	76° 36' 23.565" E	0.027489