

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI  
Original Application No.687/2023  
In re: Air Quality Index in various Cities**

**Status Report in compliance of the Hon'ble NGT Order  
dtd.22/11/2023.**

1. This Hon'ble NGT vide order dated 22/11/2023 directed the States to disclose in their next report the non-compliant cities for which the funds have been received, the extent of the funds received and the details of their utilization. The States are also directed to ensure that the air quality does not dip in the cities under consideration any further but it shows a positive trend of improvement.
2. In compliance of the Hon'ble NGT Order dtd.22/11/2023, the Status Report of Navi Mumbai and Thane in the State of Maharashtra is enclosed as an **Annexure-'I'** collectively.

Attachment I

## SUMMARY NCAP

Sr no	Fund Description	Dates	Funds allotted for respective year	Funds received (Rs)/ Cr
1.	NCAP 1 <sup>st</sup> instalment received on	17.02.2020	2019-2020	2.40
2.	NCAP 2 <sup>nd</sup> instalment received on	15.10.2020	2020-2021	3.45
				5.85
3.	Funds transferred to MPCB for CAAQMS installation			3.60
A	<b>Total Funds received till date</b>			<b>9.45</b>

## New activities planned under NCAP (2023-2024)

Sr No	Activity	Fund Allotted in (Cr)	Fund Utilization (Cr)	Fund Balance (Cr)	Remark
1.	Tree Plantation at Solid Waste Processing plant.	0.45	---	0.45	Planning stage
2.	Public Awareness	0.16	---	0.16	Planning stage
	<b>Total</b>			0.61	

## Attachment II

## Activities in FY 2022-2023 NCAP (Out of 5.85 Cr)

Sr No	Department	Activity	Fund Allotted in (Cr)	Fund Utilization (Cr)	Fund Balance (Cr)	Remark
1.	SWM Dept	Public Awareness (Printing & Installation of Flex, Banner, Hoarding, Stickers Etc.)	0.1304	0.1304	0	Completed
2.	SWM Dept	Public Awareness Campaign/Workshop at 05 Locations - 1) Central Park, Ghansoli, 2) Nisarg Udyan, 3) Jewel of Navi Mumbai, 4) NMMT Depot & 5) NMMC Head Office	0.1385	0.1385	0	Completed
3.	Environment Dept	Public Awareness Video	0.1054	0.1059	0	Completed
4.	Environment Dept	Procurement of IEC Vehicle	0.6750	0.6750	0	Completed
5.	Vehicle Department	Procurement of 04 Nos. of Mobile Enforcement Unit	0.30	0.22	0.073	Balance will be utilized till December 2023
6.	Environment Dept	Development of Tree Belt (Wall Compound & Other Civil Work) Near Nallah at Sector 28 Vashi.	0.4501	0.4501	0	Completed
7.	City Engg dept	TWT- Work on internal road at Karave Village, Belapur Road	01.76	01.76	0	Completed
8.	Garden Dept	Beautification of Open Space at Uran Phata Signal to L.P. Signal (Sion-Panvel Road) Nerul Node	2.13	1.55	0.18	Balance will be utilized till December 2023
9.	Garden Dept	Tree Plantation at RTO vehicle Path at Sec. 19, Nerul	0.09	0.08	0.017	Balance will be utilized till December 2023
10.		Unspent balance	----	----	0.08	
		<b>TOTAL</b>	<b>5.77</b>	<b>5.10 (87.18%)</b>		

## Attachment III

SUMMARY 15<sup>th</sup> Finance Commission

Sr no	Fund Description	Dates	Funds allotted for respective year	Funds received (Rs)/ Cr
1.	XVFC 1 <sup>st</sup> instalment received on	11.08.2021	2020-2021	29.75
2.	XVFC 2 <sup>nd</sup> instalment received on	29.03.2022	2021-2022	16.15
3.	Incentive received on	02.06.2022	2022-2023	0.30
4.	XVFC 3 <sup>rd</sup> instalment received on	29.12.2022	2022-2023	12.54
A.	Total Funds received till date			58.75

## Activities in FY 2022-2023 XVFC

Sr no	Activity	Funds in Cr
1.	Procurement of Electric Buses under Navi Mumbai Municipal Transport (NMMT)	12.5
2.	Procurement of Large Dust Suppression Vehicle with Multi-Purpose Sprayer	2.14
3.	Conversion of Conventional Pyre to PNG Based Furnace at Nerul (Sarsole) Sec-2 & Turbhe Sec-19	1.86
	Total expenditure	16.50 (28.08%)
	Pending balance out of 58.74 CR	42.25

## Action Plan Proposed for FY 2023-2024 XVFC

Sr. No	Proposed Projects/Works/Activities	QTY	Funds allotted (In Cr.)	Activity (Already Planned or New Activity)	Remarks/Details
1.	Procurement of Electric Buses.	50 Nos.	24.00	Old Activity	100 Buses Work order has been issued. Delivery expected Upto March 2024.
2.	Electric Vehicle Public Charging Station Facility (PCS)	24 Locations	06.00	Old Activity	In Tendering Process (Retender)
3.	Procuring Mist Spray Machines	03 Nos.	03.25	Proposed New Activity	In approval process
4.	Procuring EV Dust sweeping Machine	1 No	03.00	Proposed New Activity	Tender has been opened. Work order will be issued in 1 month.
5.	Conversion of Conventional Wood Crematorium to PNG/ Briquettes.	1 No.	01.50	Old Activity but permission is required for Briquettes to be used as Fuel.	In Principal Sanction Process (Ghansoli Crematorium at Kaul aali (कौल आळी) will be converted to PNG)
6.	Battery Operated Ride on Sweeping Machine (Dust Container Capacity = 95-100 Litres).	12 Nos.	01.92	Proposed New Activity	In approval process (Accounts)
7.	Installing Air Purifiers	11 Nos.	0.825	Old Activity	(Out of total 83 buses funds of 8 buses is requested for diversion).
8.	Air Quality Monitoring & Strengthening work in Navi Mumbai City.	---	01.74	Old Activity	Currently, project is kept on hold. Once approval is received from MPCB & CPCB on the technology that can be adopted, Installation will be completed.
	<b>TOTAL</b>	--	<b>42.23</b>		As minutes of AQMC/SLMIC Meeting dated 10.04.23, fund will be transferred to the MPCB.

Note 1: Proposal to Hon'ble Principal Secretary (Env&CC) has been submitted for approval of Action plan on 10.05.2023. & 11.07.2023. Approval from Hon'ble Principal Secretary (Env&CC) is mentioned in MOM dtd: 20.10.2023

## Thane Municipal Corporation

## Work / Activity List

City	Thane	Work / Activity List							Financial Year	From
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XV-FC Fund Rs. 93,23,50,865 /-

Date -- 30th Nov 2023

S.No	City	Thematic Area code (RD/C&D/)	Name of Department Responsible	Work/sanction order No.	Work order date	Work details (Name, Location & Quantity) as per activities in city	Sanctioned Amount	Amount Released	Expenditure Incurred	Financial Status (% utilisation of funds)	Physical status (% Completion of)	Remarks
1	Thane	VE	Thane Municipal Transport Service	work order TMTU/TM/340/ 2022 dt 30.09.2022	30.09.2022	123 E-buses GCC Contract for 15 year	38,00,00,000 +20,00,00,000 58,00,00,000	580,000,000	354,601,619	61%	80.00%	-
2		RD	Public Works Department, TMC	TMC/CE/office/124 dt 15.03.2022	15.03.2022	Design and Construction of cycle track with 3 year	6,976,622	6,976,622	5,877,815	84%	100%	O&M Cost Pending
3		BB	Public Works Department, TMC	TMC/PWD/CE/LK/ 99 dt 14.02.2022	14.02.2022	Up gradation of 1 Crematorium from wood to PNG with 1 year, Wagle Estate	15,991,000	15,991,000	15,920,987	100%	100%	-
4		RD	Pollution Control Department, TMC	Work order TMC/PCC/264/ 22-23 dt 07.07.2022	07.07.2022	Mist fountain erection at 2 chowk with 5 year	9,815,417	9,815,417	5,830,131	60%	100%	-
5		CB	Pollution Control Department, TMC	Work order TMC/PCC/213/22-23 dt 21.06.2022	21.06.2022	Air quality data processing & linking to dashboard	949,935	949,935	949,666	100%	100%	-
6		BB	Pollution Control Department, TMC	Work order TMC/PCC/266/22-23 dt 07.07.2022	07.07.2022	Strengthening of Existed MRF	8,595,120	8,595,120	6,876,096	80%	100%	O&M Cost Pending
7		CB	Pollution Control Department, TMC	Work order TMC/PCC/267/22-23 dt 07.07.2022	07.07.2022	Purchase of mobile Air quality monitoring van	15,105,276	15,105,276	12,084,221	80%	100%	O&M Cost Pending
8	Thane	CB	Pollution Control Department, TMC	Work order TMC/PCC/212/22-23 dt 21.06.2022	21.06.2022	Up gradation of existed air monitoring station	770,965	770,965	616,772	80%	100%	-
9			Machinical Department, TMC	TMC/Dy-CE(My) 462/ 23.03.2023	23.03.2023	Purchased of E-Car	1,801,207	1,801,207	1,801,207	100%	100%	-
10			Machinical Department, TMC	TMC/Dy-CE(My) 463/23.03.2023	23.03.2023	Purchased of E-Auto	1,577,373	1,577,373	1,577,373	100%	100%	-
11		VE	Garden Department, TMC	TMC/HQ-1 /Tree Authority-23/10 dt 13.05.2022	13.05.2022	Plantation at Anand nagar chowk	3,225,835	3,225,835	2,747,120	100%	100%	-
12		BB	Public Works Department, TMC	TMC/CE/WO/65	28.06.2023	Up gradation of 1 Crematorium from wood to PNG, Majiwada	14,985,451	14,985,451	-	-	-	work order g
13		BB	Public Works Department, TMC	TMC/CE/WO/15	25.06.2023	Repairing & conversion of 1 Crematorium from wood to PNG, Balkum	13,999,000	13,999,000	-	-	-	work order g
14			Pollution Control Department, TMC	work order TMC/PCC/173/23-24 dt 31.05.2023	31.05.2023	Awareness Programme, TMC Area	1,661,547	1,661,547	716,260	50%	70%	-
15			Pollution Control Department, TMC	work order TMC/PCC/51/23-24 dt 17.04.2023	17.04.2023	Impact study of IIT, TMC Area	2,478,000	2,478,000	1,780,800	70%	50%	-
16		BB	Pollution Control Department, TMC	work order TMC/PWD/LOK-SAV/P/KA/01/2023 dt 10.04.2023	10.04.2023	Strengthening of Air Monitoring Lab, Mahila Bachat Gath Building Vartaknagar	4,961,518	4,961,518	4,960,346	100%	100%	-
17		VE	Thane Municipal Transport Service	-	-	E-bus on GCC Contract 42 no, TMC Area	155,200,000	155,200,000	-	-	-	Tendering pr
18		BB	Public Works Department, TMC	TMC/CE/WO/119	31/8/23	Crematorium PNG 1 No, Padale Gaon	15,000,000	15,000,000	-	-	-	work order g
19	Thane		Information Technology Department, TMC	TMC/IT/324	6/10/23	Preparation of public grievance App, TMC Area	2,200,000	580,000	-	-	-	work order g
20		BB	Veterinary Department, TMC	-	-	Animal incineration	11,000,000	11,000,000	-	-	-	Tendering pr
21		RD	Solid Waste Department, TMC	-	-	Dust sweeping machine	40,000,000	40,000,000	-	-	-	Tendering pr
22		RD	Solid Waste Department, TMC	-	-	Litter Bins	15,000,000	15,000,000	-	-	-	Tendering pr
							919,674,266	416,340,413				

Sr. No.	Urban Agglomeration /City	FUND RELEASE IN FY 2020-21, 2021-22 Cr	% UTILIZATION	FUND RELEASE IN FY 2022-23 Cr	% UTILIZATION	TOTAL FUND Released Cr	FUND UTILIZED up to 20th Aug 23 Cr	% UTILIZATION	UNSPENT BALANCE WITH ULB's Cr
1	Thane	73.83	40.88 55%	19.42	0	93.24	41.63	45%	51.61

Sr. No	Urban Agglomeration/City	TOTAL FUND RELEASED Cr	ACTUAL UTILIZATION Cr	COMMITTED EXPENDITURE up to March 2024 Cr	% UTILIZATION	UNSPENT BALANCE WITH ULB's Cr.
1	Thane	93.24	41.63	(41.63+50.33) 91.96	98.73%	1.28

SR No.	Locations	City	1/11/23	2/11/23	3/11/23	4/11/23	5/11/23	6
1	Mira Bhayander	Thane	257	174		174	199	
2	Tarapur	Thane	136					
3	Thane Ghodbunder	Thane	120		104	134	102	
4	Thane Upvan	Thane	134	132	137	131	152	
5	Dombivali Pimpleshwar	Thane	299	153	202	206	228	
6	Virar	Thane	151	179	173		203	
7	Vasai	Thane	168	160	177	179	206	
8	Belapur	Navi Mumbai	141	128	134	132	140	
9	Koprigaon Vashi	Navi Mumbai	293	262	256	256	313	
10	Sanpada	Navi Mumbai	251	209	241	183	281	
11	Taloja	Navi Mumbai	166	183	203	256	210	
12	Mahape	Navi Mumbai	233	198	179	189	240	
13	Nerul	Navi Mumbai	207	190	213	201	234	
14	Kalamboli	Navi Mumbai	264	290	281	304	341	

Good

(0-50)

Satisfactory

(51-100)

AQI MPCB Thane & Navi Mumbai 11th Nov to 4th Dec 23

MPCB Stations (CPCB National Air Quality Index)

SR No.	Locations	City	11-11-2023	12-11-2023	13-11-2023	14-11-2023	15-11-2023	16-11-2023	17-11-2023	18-11-2023	19-11-2023	20-11-2023	21-11-2023	22-11-2023	23-11-2023	24-11-2023	25-11-2023	26-11-2023	27-11-2023	28-11-2023	29-11-2023	30-11-2023	01-12-2023	02-12-2023	03-12-2023	04-12-2023	
1	Mira Bhayander	Thane	83	222	226	169	201			229						171	173	121	91	180	116	179	110	117	108	112	
2	Tarapur	Thane	110	222	133	180	185	173	195				208	237	192												
3	Thane Ghodbunder	Thane	75	157	185			111	109	181			112	113	122	115	108				75				116	101	107
4	Thane Upvan	Thane	111	168	189	252	223	226	195	211	186	141	188	142	151	157	159	117	107						116	101	107
5	Dombivli Pimpleshwar	Thane				186				220	203		186	177	156	147	137	148			103	133	136	171	155	205	248
6	Virar	Thane	103	129	203	211	185	190	161	244	161	96	154								92	103	104				
7	Vasai	Thane	133	180	187	179	179	172	149	182	163	139	133	126	124	156	218	100			90	105	118	151	149	143	128
8	Belapur	Navi Mumbai	77	111	188	126	141	135	152	154	243	168	113	113							70	90	107	137	122	130	123
9	Kopriगाon Vashi	Navi Mumbai	94	169	239		216	108		160	157	127	113	97	208	128	136	143	85		70	98	94	177	159	192	84
10	Sargada	Navi Mumbai		103	228	189	197		123	107	111	120	107	160	127	183	131	114	84		154	235	245	183	214	201	130
11	Taloja	Navi Mumbai	51	89	191	199	282			197	194	184		153	151		137	99	96	80	70	104	131	145	190	211	190
12	Mahape	Navi Mumbai	105	140	141	216	240	114	153	148	128	140	151	128	126	116	84	118		94	108	110	173	136	119	124	
13	Nerul	Navi Mumbai	72	199	168	147		114	120	120	130	91	111	97	99	104	95	73	51	89	74	11	97	92	112	89	
14	Kalamboli	Navi Mumbai	83	141	282		221	224	156	139	132	112	118	117	110	118	102	86	81	88	210	225	250	231	148	149	

	Minimal Impact	Poor	Breathing discomfort to people on prolonged exposure
Satisfactory	Minor breathing discomfort to sensitive people	[201-300]	Respiratory illness to the people on prolonged exposure
(51-100)			
Moderate	Breathing discomfort to the people with lung, heart disease, children and older adults		Respiratory effects even on healthy people
(101-200)			

1179

(101-200)