BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 606 OF 2018

COMPLIANCE OF SOLID WASTE MANAGEMENT RULES, 2016 (STATE OF GUJARAT)

AFFIDAVIT-IN-REPLY ON BEHALF OF STATE OF GUJARAT

I, Pankaj Joshi, adult, having my office at Block No. 1, Sardar Bhavan Sachivalaya, Gandhinagar, Gujarat do hereby solemnly affirm and state on oath as under:

1. I am serving as Chief Secretary to the Government of Gujarat. I have perused the orders passed in Original Application No 606 of 2018 and particularly the order dated 22.07.2025 passed by the Hon'ble Tribunal. The record containing information sought to be submitted to the Hon'ble Tribunal has been placed before me and I have acquainted myself with the information contained in the record. I am therefore familiar with the facts of the case and am competent to make the present affidavit.

2. At the outset, I express regret for the non-filing of the 'six monthly progress report' detailing the statistical data relating to solid waste management and liquid waste management in urban areas in the State of Gujarat subsequent to the submission of the last report dated 17.10.2024. I submit that the omission to file the report was inadvertent, caused primarily because of

NOTARY Arjav J. JOSHI GANDHINAGAR GUJARAT STATE INDIA Reg. No 28658 Exp.Dt.18/12/2029 GOVT. OF INDIA

miscommunication, and not intentional or deliberate. I assure that due care shall be taken in ensuring that the reports are timely submitted before the Hon'ble Tribunal.

3. The data and information of solid waste management and liquid waste management in the urban areas, segregated urban local body wise, for the State of Gujarat is furnished in the format prescribed in compliance of the order dated 22.07.2025, and the same is marked as **Annexure A**.

4. There was legacy waste of 255 lac metric tons as on 31.12.2022 in the urban areas in the State of Gujarat. At the hearing held before this Hon'ble Tribunal on 23.02.2023, it was reported that 113 lac metric ton out of 255 lac metric tons of solid waste remains unprocessed. At the hearing held on 17.10.2024 it was reported that 1.24 lac metric ton out of the original 255 lac metric tons of legacy waste remained pending for processing. It was also reported that 41.15 lac metric tons of freshly generated waste which was converted to legacy was also pending processing. Therefore, a total of 42.39 lacs metric tons of waste was pending for processing as on 17.10.2024. As on date, a total of 35.96 lac metric tons of solid waste remains pending for processing. This 35.96 metric tons of solid waste in its entirety is expected to be processed by 31.12.2025.

5. The daily solid waste generation across all urban areas in the State of Gujarat as on date is 10,997 TPD, out of which 7,970.55 TPD generation is in area covered under 08 Municipal Corporations and 3,026.45 TPD is in area falling under the 158 Nagarpalikas.

5a. Of the total daily generated waste the wet waste is 5,659 TPD, with 4187.03 TPD generated in Municipal Corporation area and 1471.97 TPD getting generated in areas falling within limits of Nagarpalikas. Today, the total capacity of the composting plants stands at 4410 TPD.

5b. The dry waste generation is 4974 TPD, with 3522.25 TPD waste being generated in Municipal Corporation area and 1451.75 TPD waste being generated in Nagarpalika area.

6. There are a total of 05 Refused Derived Fuel Plants for generating fuel from combustible waste fraction of solid waste, functioning at Vadodara, Surat, Bhavnagar, Vapi and Dabhoi. The cumulative capacity of these 05 plants is 2222 metric tons.

7. Today there are 02 successfully commissioned Waste-To-Energy plants in the State of Gujarat, one at Jamnagar and other one at Ahmedabad. The capacity of Jamnagar facility is 600 metric tons, and the plant is operating at full capacity. The newly commissioned plant at Ahmedabad has a capacity of 1000 metric tons, and the said plant is functioning at optimal capacity. Both these plants together generate 20.5 MW electricity, with the plant at Jamnagar generating 7.5 MW and the plant at Ahmedabad generating of 13 MW electricity energy.

8. There is proper segregation of constriction waste and debris and the same is being disposed of in accordance with the Construction Waste and Demolition Waste Management Rules, 2016 and now the Rules of 2025.

9. The residual solid waste and the inert waste, about 364 TPD, is safely disposed of in the 08 sanitary land fill sites. Efforts are underway to augment the capacity of these sanitary land fill sites.

10. As regards processing of liquid domestic waste, a total of 192 Sewage Treatment Plants (STPs) across the 08 Municipal Corporations and 158 Nagarpalikas are operational today. The total treatment capacity of these plants is 6027 MLD. As on date, about 4316 MLD of liquid waste is treated in these plants across all the urban areas. The work of civil construction of 05 new STPs, all of them in Nagarpalika area, is almost complete and these plants are expected to go in operation mode soon. About 60 STPs are at different stages of planning and construction and will be commissioned stagewise, with the first amongst them starting off in the year 2026. The gap in processing of liquid waste in the urban areas has reduced and now stands at 527 MLD.

11. Efforts are continually being made under different schemes – Swarnim Jayanti Mukhya Mantri Saheri Vikas Yojna (SJMMSYV) and Amrut 2.0, as well as under the Janbhagidari scheme to bring maximum number of households within the sweep of the sewage network and thereby facilitate processing of all the domestic sewage. A total of 51 projects are underway today for connecting the households with the existing drainage network or laying down a new network of drain pipes connecting the households with the STPs.

12. About 1190 MLD of treated waste water is reused in various sectors like land scaping, irrigation and industries. This has been a significant achievement of the State Government.

13. Independently, appropriate measures are being taken to ensure that no fecal contaminants are discharged into water streams / ponds / rivers or in coastal or estuarine areas. Additional care is taken to ensure that the potable water is not contaminated because of the regulated discharge of the domestic waste.

14. The Department of Urban Development, Government of Gujarat has designated the Swachh Bharat Mission Urban(SBMU) to administer and manage the municipal Solid Waste Management Project (SWM). Under the aegis of the SBMU orientation programs are held routinely and all necessary information for reduction of solid waste as well as for handling, transportation and processing of solid waste is being disseminated to all the Urban Local Bodies. Additionally, hand holding both in terms of technology as well as financial assistance is being provided by the SBMU to the Urban Local Bodies.

15. All the STPs are functioning satisfactorily and the output results are continually monitored by the State Pollution Control Board. Additionally, some litigations are pending before the Hon'ble High Court of Gujarat whereunder the functioning of the Sewage Treatment Plants and the Effluent Treatment Plants is being monitored by the Hon'ble Court. Reports are periodically submitted to the Hon'ble Court, and these reports suggest that

the quality of processing of the liquid domestic waste in the treatment plants is compliant with the prescribed standards.

16. I submit that the State of Gujarat remains committed to ensuring proper management of solid waste and liquid waste in the urban areas and has been sincerely striving to clear the legacy waste and parallelly build capacity to process the entire quantity of daily generated waste in the urban areas.

DEPONENT

VERIFICATION

Verified at Gandhinagar on this 26th day of August, 2025 that the contents of the above affidavit are true and correct, nothing stated therein is false and nothing material has been concealed therefrom.

DEPONENT

REG. SR. NO. 241
BOOK NO. 2
PAGE NO. 32
DATE 26/08/2025

ARJAV J. JOSHI
NOTARY
GOVT OF INDIA

SOLEMNLY AFFIRMED
BEFORE ME

ARJAV J. JOSHI
NOTARY
GOVT. OF INDIA

IDENTIFIED BY ME
mjjoshi
PERSON
NAME . Maharshi Joshi
ADHARCARD / PANCARD / DRIVING
P P CARD NO.
DATE 26/08/2025
PLACE Gandhinagar

Solid Waste Management in the State

(1) Name of ULB	(2) Waste Generation (TPD)*	(3) Composition of Waste (TPD)			(4) Waste collected (TPD)	(5) Waste Transported (TPD)	(6) Final destination of transported waste
		Biodegradable	Dry/ Recyclable	Inert			
Urban (166 ULBs)	10,997	5659	4974	364	10,997	10,997	Processing Plants/ Dumpsites at respective ULBs

*** Based on ULB-wise generation and breakup details given in the Annexure - 1.**

7) Waste Processing					
(A) 7.1) Composting					
a) Intake quantity	b) Method adopted	c) Output quantity as Compost	d) Quality	e) Residue and Rejects and Management	f) Utilization of compost
4410 MT	Anaerobic/ Aerobic composting **(Pit composting, Vermi composting, Windrow Composting & Organic Waste Converter)**	1014 MT	As per Schedule II (a) of MSW Rules 2016 & tested by accredited laboratories	Managed by agencies and sent to dumpsites	Self-utilised by ULBs in their parks & gardens, sold to farmers to be utilised in agriculture

*** Based on the ULB-wise details of composting of solid waste given in the Annexure - 2.**

7) Waste Processing				
(B) 7.2) Refuse Derived Fuel				
i) Capacity of Plant	ii) Sources of waste for making RDF	iii) RDF Produced	iv) Residue / Reject management	vi) Utilization of RDF
2222 MT	MRF facility (Segregated non-recyclable dry waste)	1036 MT	Disposed in Landfill cell	Utilization as alternative fuel in industries like cement factories, boiler industries, etc.

*** Based on the ULB-wise details of Refuse Derived Fuel given in the Annexure - 3.**

7) Waste Processing					
(C) 7.3) Waste to Energy (Thermal / Methanation route)					
a) Plant capacity	b) Daily inputs of feed	c) Sources of waste	d) Output (Energy)	e) Residue / Rejects management	f) Fly ash and Bottom Ash management
1600 MT	Non-recyclable waste & MSW waste	Refuse Transfer Station (RTS)/ Material Recovery	20.5 MW	Residue/Rejects used & managed by agency	Utilised for filling in road construction and low-lying areas

		Facility (MRF)			

*** Based on the ULB-wise details of Waste to Energy given in the Annexure - 4.**

7) Waste Processing			
(D) 7.4) Other Processing (Material Recovery Facilities)			
a) Quantity of inputs	b) Quality of inputs	c) Products and it's utilization	d) Residue / Reject management
3954 MT	Fresh dry waste, High quality recyclable materials	Output Products: Plastic, Paper, Cardboard, Clothes, Metal and Glass are Recycled by Authorized Recyclers agencies and scrap vendors & non recyclable material send to RDF plant, Waste to energy plant & Cement industries	Processing rejects sent to Sanitary landfill/Dumpsite
Other Processing (Bio-methanation Plant)			
a) Quantity of inputs	b) Quality of inputs	c) Products and it's utilization	d) Residue / Reject management
417.3 MT	Bio-degradable/Organic waste	Biogas and organic fertilizer	Processing rejects sent to Sanitary landfill/Dumpsite

*** Based on the ULB-wise details of Material recovery facilities & Bio-methanation given in the Annexure - 5.**

8. Gap in Waste generation and Processing	Time bound plan to fill up the Gap

1050 MT	**Month wise fill up the gap time bound plan as below :** a) September 2025 - approx. 105.50 MT b) October 2025 - approx. 50.75 MT c) November 2025 - approx. 21.42 MT d) December 2025 - approx. 379.208 MT e) January 2026 - approx. 26.34 MT **f)** March 2026 - approx. 218.32 MT **g)** July 2026 - approx. 248.47 MT

Based on the ULB-wise details of waste processing gap & time bound plan to fill up gap given in the Annexure - 6.

9. Legacy Waste								
1) Number of legacy waste dump sites	2) Quantity of legacy waste reported on 17.10.2024	3) Present quantity of legacy waste	4) Daily legacy waste being added as unprocessed waste	5) Quantification and utilization of out of Bioremediation and bio mining				6) Gap in legacy waste remediation and time bound plan
				Digested material	Plastics	Rubber	Inerts and others	

168	(1) 255 Lakh Old Legacy waste (2) 41.15 Lakh MT unprocessed dumped waste Total = 296.15 Lakh MT	35.96 Lakh MT (unprocessed dumped waste)	1050 MT	43.29 Lakh MT	44.58 Lakh MT (RDF materials)	0.45 Lakh MT	167.35 Lakh MT	Work ongoing in ULBs for remediation of unprocessed dumped waste with daily added waste. Tentative completion date- Dec 2025.

10. Ring Fence Account				
1. Amount to be Ring Fenced	2) Whether single dedicated account has been opened	3) Date of opening account	4) Amount utilized	5) Plan of utilization
Rs. 2100 Cr	Yes	26/03/2023	Rs. 838.6 Cr	Attached as Annexure - III

Sewage Management In The State

(A) Name of ULB	(B) Sewage Status Estimation and Measurement	(C) Sewage Conveyance/sewers		
	Total Sewage Generation per day (in MLD) (1)	Targeted Household to be connected to sewers (2)	Households connected (3)	Time targets to complete connectivity (Gap in connectivity) (4)
All ULBs Details attached as Annexure-I	4,843	82,29,931	71,47,540	Attached as Annexure -I

(D) Drains					
Sewage and Sullage flowing in open drains (Storm water drains / concretised drains /unlined/katcha drains) (No. of drains) (5)	Flow in each drain (MLD) (6)	Quality /Characteristics of effluent (7)	Quantity of industrial effluent discharged in drain(MLD) (8)	Final point of discharge of drain (9)	Time bound action plan to prevent sewage discharge into drain (10)
Attached as Annexure -I					

(E)Sewage treatment and Utilisation							
Installed Treatment capacities of existing STPs (MLD) (As on Today) (11)	Utilisation capacity of existing STPs (MLD) (12)	Gap in sewage generation and treatment (MLD) (13)	Time bound plan to set up and operationalise STPs (14)	Performance of STPs with reference to Standards (15)	Final point of discharge of treated effluent (16)	Level of Utilisation of Treated sewage (17)	Sludge generation and its Management (18)
6,027	4,316	527	Attached as Annexure -I	Attached as Annexure -II	Attached as Annexure -I	25% ULB-Wise Attached as Annexure -I	Attached as Annexure -I

[A] Sewage Management

#	Observations	Compliance
1	The current generation of sewage is reported to be 4,638 MLD with an installed sewage treatment capacity of 5,692 MLD and utilised capacity of 4,107 MLD thereby, the actual gap is 531.0 MLD. However, in the first slide (page 3) installed capacity as of today is disclosed as 5,872 MLD, this variation needs to be clarified.	It is respectfully submitted that the figure of 5,872 MLD indicated in the first slide is a typographical error. The correct installed sewage treatment capacity, as recorded and presented during the previous hearing dated 17-10-2024, is 5,692 MLD. All related calculations and the gap assessment have been carried out based on this correct figure.
2	We find that despite having an adequate treatment capacity of 5,692 MLD as of today, 48 STPs with 1,566 MLD are being set up and will be completed by December 2027. It was stated during the interaction that long-term population estimation has been considered for setting up STPs, but no clarification is provided about the effect of keeping these STPs non-functional or underutilised for a long time.	It is respectfully submitted that the planning for additional sewage treatment capacity in the State of Gujarat has been undertaken in a structured manner, keeping in view the rapid pace of urbanization and the corresponding need for expansion of urban infrastructure. As per the CPHEEO Manual, the design of each STP is based on a projected population horizon of 15 years and considering continuous expansion in the boundaries of the ULBs. This ensures that the infrastructure utilisation is optimum throughout its lifespan. To ensure timely and optimal utilization, focused efforts are being made to expand the underground drainage network and increase household sewer connections, through ongoing and planned projects.

#	Observations	Compliance
3	Regarding the utilisation of treated sewage, the focus should be on maximising utilisation by industries and other purposes to conserve surface and groundwater. An action plan to this effect should be disclosed in the next report.	In compliance with the Hon'ble Tribunal's directions, the State is actively working to maximise reuse of treated wastewater to conserve surface and groundwater resources. ● The **Urban Development and Urban Housing Department**, through **Gujarat Urban Development Mission (GUDM)**, has engaged **three specialised agencies** to prepare **reuse feasibility studies and projects** for all **municipalities**. ● These empaneled agencies are tasked with: ○ Identifying potential users in sectors such as **industry, construction, landscaping, and municipal non-potable uses**; ○ Assessing **infrastructure, water quality**, and **reuse viability**; ○ Preparing **city-level reuse plans** with targets, demand projections, and financial models; ○ Supporting ULBs with **MoUs, cost recovery frameworks**, and **public awareness initiatives**.
4	Regarding household connectivity, timelines should be provided and not be breached for any reason in respect of various schemes.	That detailed information regarding connected households, pending connections, and completion timelines is enclosed as **Annexure – I**.
5	Data on the performance of STPs has not been properly disclosed. Only selected STPs are covered out of 204 STPs. Further, we find a discrepancy in disclosing data on TC/FC for Jaamnagar STP monitored on 12.5.2024 (page 2802). We direct that the next report should disclose the performance of all existing STPs and the status of Consents granted under the Water Act and compliance with standards	As per the directions of the Hon'ble Tribunal, **performance test reports of all operational STPs** are being submitted herewith in **Annexure -II**. **Plant-wise status of CTE/CCA certification** is attached in **Annexure - IV**

#	Observations	Compliance
	directed by the Tribunal in O.A. No. 1069 dated 30.09.2018.	
6	Consolidated data of 157 Nagar Palika is disclosed in 6 RCM, and this does not disclose the factual position of each Nagar Palika to assess the gap in **sewage generation, treatment, disposal, utilisation and the gap. T**he next report should disclose the data on these aspects for each Nagar Palika.	As directed, details are attached in **Annexure-I (ULB-wise)**

[B] Solid Waste

#	Observations	Compliance
1	The gap reported in waste processing is almost at the same level as was reported earlier, which is on account of not having waste processing facilities commensurate with waste generation. The extended timelines to bridge the gap will add to legacy waste.	In compliance with the directions of the Hon'ble National Green Tribunal and as part of the ongoing efforts under the Swachh Bharat Mission – Urban 2.0 (SBM-U 2.0), the following status update is respectfully submitted for kind perusal: **a) Status of Municipal Solid Waste Processing** During the hearing held on **17th October 2024**, the Hon'ble Tribunal was apprised that the State was generating **10,317 TPD** of municipal solid waste, of which **8,872 TPD** was being scientifically processed, resulting in a processing gap of **1,445 TPD**. As of the current review, the waste generation is **10,997 TPD**, primarily due to population growth and expanded urban coverage. The scientific processing capacity has been concurrently enhanced to **9,947 TPD**, thereby **reducing the processing gap to 1050 TPD**. **b) Infrastructure Augmentation Measures** To address the shortfall in waste processing and ensure 100% scientific management of municipal solid waste, the State has undertaken targeted infrastructure expansion measures and work are ongoing in ULBs level at various stages. These efforts are being rigorously monitored to ensure timely commissioning and effective functionality.

#	Observations	Compliance
		c) Legacy Waste Management With processing plants in different stages of the sanctioning and approval stage, **141 ULBs** saw an accumulation of **41.15 lakh MT** of unprocessed waste after **31st March 2023,** which added to legacy waste. As of date: • **11.63 lakh MT** of legacy waste has been **scientifically remediated** through bio-mining and other approved methods at the operational facilities. • The **balance total 35.96 lakh MT (29.52 lakh MT reported + 6.44 lakh MT added)** of legacy waste will be addressed in a **phased manner**, with full-scale remediation to commence **post-December 2025** once the remaining facilities become functional. The State remains committed to ensuring full compliance with the Solid Waste Management Rules, 2016 and directions issued by the Hon'ble Tribunal. Regular progress updates and supporting documentation shall continue to be submitted to the Hon'ble Tribunal as per prescribed timelines.
2	Presently, waste generation is estimated to be 10,317 TPD and processing is to an extent of 8,872 TPD with a resultant gap of 1445 TPD.	As a result of these interventions, the gap in scientific waste processing has been **reduced from 1,445 TPD** (as reported during the October 2024 hearing) **to 1050 TPD** at present. It is anticipated that the **entire gap of 1050 TPD will be fully eliminated up to July 2026 as per below mentioned**, enabling the State to achieve **100% scientific processing of municipal solid waste**. The

#	Observations	Compliance
		expected month-wise timeline for the completion of the remaining plants is as shown below: ● **September 2025 - approx. 105.50 MT** ● **October 2025 - approx. 50.75 MT** ● **November 2025 - approx. 21.42 MT** ● **December 2025 - approx. 379.208 MT** ● **January 2026 - approx. 26.34 MT** ● **March 2026 - approx. 218.32 MT** ● **July 2026 - approx. 248.47 MT** These efforts are being monitored closely and executed in adherence to the Solid Waste Management Rules, 2016, and directions of the Hon'ble Tribunal.
3	The gap is more in Nagarpalika (1358 TPD). Annexure I (page 2831) of the report indicates the gap in waste processing in 157 ULBs. We direct to review this status for expediting the reduction of gap by setting up processing facilities / or replicating ULBs reporting zero gap.	As a result of these efforts, the operationalisation of **waste processing plants** in Nagarpalika has led to a significant reduction in the waste processing gap—from **1,358 TPD (as on October 2024)** to **1020 TPD** at present. The remaining plants in Nagarpalikas are under various stages of implementation and are expected to be commissioned by **July 2026**. Upon their operationalisation, it is anticipated that the **entire processing gap of 1020 TPD** in Nagarpalikas will be fully addressed, thereby achieving **100% scientific processing of municipal solid waste** in these urban areas. These developments are being undertaken in compliance with the Solid Waste Management Rules, 2016 and under continuous monitoring by the SBMU Mission Directorate.
4	During the interaction, no satisfactory response was given on the utilisation of	The State has instituted strict measures to ensure that the by-products generated from municipal

#	Observations	Compliance
	processed products like Compost, etc and particularly their disposal on low-lying areas which could be a potential threat to environmental contamination. The next report should cover these aspects, particularly the quality of compost and compliance of operating waste processing facilities authorised and consented under the MSW rules and Water Act.	solid waste processing are utilized in an environmentally safe and legally compliant manner, in adherence to the Solid Waste Management Rules, 2016 and the Water (Prevention and Control of Pollution) Act, 1974, **thereby supporting long-term environmental sustainability with support of State Pollution Control Board (SPCB).** As per the terms outlined in the Request for Proposal (RFP) issued for the selection of agencies for the **construction and Operation & Maintenance (O&M) of waste processing facilities for a period of 7 years**, the responsibility for the safe and compliant utilization of all end products lies with the selected agency. Compliance of operating waste processing facilities authorised under the **MSW rules by SPCB (GPCB)**. The agencies are tagged with laboratories which are NABL accredited, approved by CPCB/GPCB. In particular, the agency is **mandated to ensure that the compost generated from processed wet waste meets the quality standards specified in Schedule II (i) of the Solid Waste Management Rules, 2016**. To this end, the agency is required to conduct **regular testing of compost quality through accredited laboratories**, ensuring that the product is fit for agricultural or horticultural use and does not pose any threat to public health or the environment. These conditions are explicitly embedded in the contractual obligations of the agencies and are

#	Observations	Compliance
		being monitored to ensure strict compliance with all applicable environmental regulations. The compost produced by ULBs are only utilised further, once the ULB has their produced compost tested by accredited laboratories, and have received the testing certificates as provided in **Annexure (A).**
5	Concerning legacy waste, the estimated legacy waste is 255 lakh metric tons (MT) on 165 sites, but its date and year have not been disclosed. Further, 253.76 MT has been remediated, leaving 1.24 MT to be remediated at 7 sites/ ULBs. About area reclaimed, no information was available, and therefore, we direct that the next report should disclose details of 165 ULBs in terms of legacy waste, remediated quantity, an area reclaimed, and management of bio-mined products and rejects. The report should further disclose details of the status of legacy waste (unprocessed waste is 41,15,823 MT, resulting in legacy waste in 165 ULBs) in each ULB, particularly where the gap is Zero.	The State has successfully **remediated 100% of the old legacy waste**, amounting to around **255 lakh metric tonnes (MT)**, and has **reclaimed approximately 902.41 acres of land**, achieving full compliance in this regard. The detailed information on **quantity of legacy waste remediated, area reclaimed**, and the **management and disposal of bio-mined products and inert rejects** is enclosed as a given **format**. In addition to the above, a new legacy waste burden of **41.15 lakh MT** has accumulated across **141 Urban Local Bodies (ULBs)** due to unprocessed waste accumulated after **21st March 2023**. The State has initiated remediation efforts to address this emergent waste stockpile. As of date, **30 ULBs** (comprising **8 Municipal Corporations** and **22 Nagarpalikas**) have commenced remediation activities and have successfully processed **11.63 lakh MT**, unprocessed waste. The **remaining 29.52 lakh MT** of new legacy waste is proposed to be **remediated in a phased manner** and is expected to be fully addressed by **December 2025**, following the operationalisation of the planned processing facilities and continued execution of remediation projects in the remaining ULBs. Detailed data is provided in Annexure 7.

C - Ring fence Account

Observation : Details of the ring-fence account are not disclosed with clarification about fund refunding by GUDC. The next report should also indicate funds allocated to each ULB to fill the gap in sewage and solid waste management.

In response to the observation raised by the Hon'ble National Green Tribunal in OA No. 606/2018 regarding the non-disclosure of ring-fenced account details and the absence of ULB-wise fund allocation information, A summary of fund allocation from the ring-fenced account is as below.

The allocated funds are disbursed to the designated implementing agencies and not directly to the Urban Local Bodies (ULBs). In the State of Gujarat, as per the established implementation mechanism, the Gujarat Urban Development Company Limited (GUDCL) and the Gujarat Water Supply and Sewerage Board (GWSSB) are responsible for executing projects pertaining to Underground Drainage (UGD) networks and Sewerage Treatment Plants (STPs) in the Municipalities. For Municipal Corporations, the execution of such projects is undertaken by the Corporations themselves. The details of the amount ring-fenced, the amount utilized, and the corresponding utilization plan by the implementing agencies are provided as below.

1. Amount to be Ring Fenced	2) Whether single dedicated account has been opened	3) Date of opening account	Amount Disbursement to Authority	Amount Allocated	4) Amount utilized
Rs. 2100 Cr	Yes	03.May.2023	Ahmedabad Municipal Corporation	800000000	441962269

			Bhavnagar Municipal Corporation	**500000000**	**0**
			Gandhinagar Municipal Corporation	**460000000**	**174576672**
			Jamnagar Municipal Corporation	**200000000**	**0**
			Junagadh Municipal Corporation	**640000000**	**160400000**
			Surat Municipal Corporation	**1440000000**	**1338800000**
			Gujarat Urban Development Company Ltd.	**5000000000**	**2282959000**
			Gujarat Water Supply and Sewerage Board	**6000000000**	**3087800000**
			Swacch Bharat Mission	**900000000**	**900000000**
			SJMMSVY	**5000000000**	**0**
			Municipal Corporation	**60000000**	**0**
			Total	**21000000000**	**8386497941**
			Total Amount (in Cr)	**2100**	**838.64**

2887

Hon’ble NGT order with O.A. no 606/2018, Dated 22/07/2025

August 2025

Solid Waste Management

Urban Development and Urban Housing Department

Government of Gujarat

SIX MONTHLY PROGRESS REPORT (as on August 2025)-CUM-FRESH ACTION TAKEN REPORT SUBMITTED ON BEHALF OF THE STATE OF GUJARAT BY THE CHIEF SECRETARY, GOVERNMENT OF GUJARAT IN COMPLIANCE OF THE DIRECTIVES OF THE HON'BLE NGT VIDE ITS ORDER DATED 17-10-2024 AND 22-07-2025 RESPECTIVELY IN OA NO. 606 OF 2018.

Solid Waste Management in the State

(1) Name of ULB	**(2) Waste Generation (TPD)***	**(3) Composition of Waste (TPD)**			**(4) Waste collected (TPD)**	**(5) Waste Transported (TPD)**	**(6) Final destination of transported waste**
		Biodegradable	Dry/ Recyclable	Inert			
Urban (166 ULBs)	10,997	5659	4974	364	10,997	10,997	Processing Plants/ Dumpsites at respective ULBs

*** Based on ULB-wise generation and breakup details given in the Annexure – 1(SWM).**

7) Waste Processing					
(A) 7.1) Composting					
a) Intake quantity	**b) Method adopted**	**c) Output quantity as Compost**	**d) Quality**	**e) Residue and Rejects and Management**	**f) Utilization of compost**
4410 MT	Anaerobic/ Aerobic composting **(Pit composting, Vermi composting, Windrow Composting & Organic Waste Converter)**	1014 MT	As per Schedule II (a) of MSW Rules 2016 & tested by accredited laboratories	Managed by agencies and sent to dumpsites	Self-utilised by ULBs in their parks & gardens, sold to farmers to be utilised in agriculture

*** Based on the ULB-wise details of composting of solid waste given in the Annexure - 2(SWM).**

7) Waste Processing				
(B) 7.2) Refuse Derived Fuel				
i) Capacity of Plant	**ii) Sources of waste for making RDF**	**iii) RDF Produced**	**iv) Residue / Reject management**	**vi) Utilization of RDF**
2222 MT	MRF facility (Segregated non-recyclable dry waste)	1036 MT	Disposed in Landfill cell	Utilization as alternative fuel in industries like cement factories, boiler industries, etc.

*** Based on the ULB-wise details of Refuse Derived Fuel given in the Annexure - 3(SWM).**

7) Waste Processing					
(C) 7.3) Waste to Energy (Thermal / Methanation route)					
a) Plant capacity	**b) Daily inputs of feed**	**c) Sources of waste**	**d) Output (Energy)**	**e) Residue / Rejects management**	**f) Fly ash and Bottom Ash management**
1600 MT	Non-recyclable waste & MSW waste	Refuse Transfer Station (RTS)/ Material Recovery Facility (MRF)	20.5 MW	Residue/Rejects used & managed by agency	Utilised for filling in road construction and low-lying areas

*** Based on the ULB-wise details of Waste to Energy given in the Annexure - 4(SWM).**

7) Waste Processing			
(D) 7.4) Other Processing (Material Recovery Facilities)			
a) Quantity of inputs	**b) Quality of inputs**	**c) Products and it's utilization**	**d) Residue / Reject management**
3954 MT	Fresh dry waste, High quality recyclable materials	Output Products: Plastic, Paper, Cardboard, Clothes, Metal and Glass are Recycled by Authorized Recyclers agencies and scrap vendors & non recyclable material send to RDF plant,	Processing rejects sent to Sanitary landfill/Dumpsite

		Waste to energy plant & Cement industries	
Other Processing (Bio-methanation Plant)			
a) Quantity of inputs	**b) Quality of inputs**	**c) Products and it's utilization**	**d) Residue / Reject management**
417.3 MT	Bio-degradable/Organic waste	Biogas and organic fertilizer	Processing rejects sent to Sanitary landfill/Dumpsite

*** Based on the ULB-wise details of Material recovery facilities & Bio-methanation given in the Annexure - 5(SWM).**

8. Gap in Waste generation and Processing	**Time bound plan to fill up the Gap**
1050 MT	**Month wise fill up the gap time bound plan as below :** a) September 2025 - approx. 105.50 MT b) October 2025 - approx. 50.75 MT c) November 2025 - approx. 21.42 MT d) December 2025 - approx. 379.208 MT e) January 2026 - approx. 26.34 MT **f)** March 2026 - approx. 218.32 MT **g)** July 2026 - approx. 248.47 MT

***Based on the ULB-wise details of waste processing gap & time bound plan to fill up gap given in the Annexure - 6(SWM).**

9. Legacy Waste								
1) Number of legacy waste dump sites	**2) Quantity of legacy waste reported on 17.10.2024**	**3) Present quantity of legacy waste**	**4) Daily legacy waste being added as unprocessed waste**	**5) Quantification and utilization of out of Bioremediation and bio mining**				**6) Gap in legacy waste remediation and time bound plan**
				Digested material	**Plastics**	**Rubber**	**Inerts and others**	
168	(1) 255 Lakh Old Legacy waste (2) 41.15 Lakh MT unprocessed dumped waste	35.96 Lakh MT (unprocessed dumped waste)	1050 MT	43.29 Lakh MT	44.58 Lakh MT (RDF materials)	0.45 Lakh MT	167.35 Lakh MT	Work ongoing in ULBs for remediation of unprocessed dumped waste with daily added

	Total = 296.15 Lakh MT							waste. Tentative completion date- Dec 2025.

***Based on the ULB-wise details of composting of solid waste given in the Annexure - 7(SWM).**

10. Ring Fence Account				
1) Amount to be ring fenced	**2) Whether single dedicated account has been opened**	**3) Date of opening account**	**4) Amount utilized**	**5) Plan of utilization**
Rs. 90 Cr	**Yes**	**18.03.2023**	**Rs. 90 Cr**	**Old legacy waste remediation work**

SUMMARY OF ACTION TAKEN IN ORDER TO COMPLY WITH Hon'ble NGT ORDERS:

1. Scenario of Solid Waste Management:

Currently, the total waste generation in **Gujarat is 10,997 TPD**. The break-up of the composition of municipal solid waste shows that Gujarat generates biodegradable waste of **5659 TPD**, Dry/ Recyclable waste of **4974 TPD** and inert waste of **364 TPD**.

The effective door-to-door waste collection system in all ULBs of Gujarat facilitates collection of 11,338 TPD of municipal solid waste and ensures **100% waste** is transported to its designated processing plant or dumpsite.

Out of **10,997 TPD** waste transported, a total of **9947 TPD (89% of total waste generated)** waste gets processed in Composting Plants and Material Recovery Facilities etc.

2. Wet Waste processing:

The total intake capacity of composting plant in Gujarat is **4410 TPD.** A total of **4410 TPD** of wet waste gets processed. With standard reduction of 35-55% in the volume of wet waste, it produces a total compost of **1014 MT**.

The following are the wet waste processing technologies:

(a) Composting through Compost Pit, Windrow method, Vermi composting.
(b) Production of compost by segregation using machine (example trommel, conveyor belt, Screening etc.
(c) Bio-methanation Plant
(d) Organic Waste Convertor Machine

As per the terms outlined in the Request for Proposal (RFP) issued for the selection of agencies for the construction and Operation & Maintenance (O&M) of waste processing facilities, the responsibility for the safe and compliant utilization of all end products lies with the selected agency. In particular, the agency is mandated to ensure that the compost generated from processed wet waste meets the quality standards specified in Schedule II (i) of the Solid Waste Management Rules, 2016. To this end, the agency is required to conduct regular testing of compost quality through accredited laboratories, ensuring that the product is fit for agricultural or horticultural use and does not pose any threat to public health or the environment.

These conditions are explicitly embedded in the contractual obligations of the agencies and are being monitored to ensure strict compliance with all applicable environmental regulations. The compost produced by ULBs are only utilised for further use, once the ULB has their produced compost tested by accredited laboratories.

The produced compost is either self-utilised by the ULBs within their parks and gardens or sold to farmers to be utilised in their agricultural fields.

The residue and rejects from the wet waste processing is managed by agencies or sent to Sanitary landfill/dumpsites.

3. Dry/ Recyclable Waste processing:

The total intake capacity of dry waste processing plant in Gujarat is **3954 TPD.** A total of **3954 TPD** of dry waste gets processed. Since, various efforts made under Swachh Survekshan, the state of Gujarat has been able to achieve 89% segregation at source.

It has helped to improve the quality of waste collected and transported to the processing units. The material received at the Material Recovery Facilities (MRFs) are highly recyclable and good quality materials, which are easy to sort in further categories and ensure recycling.

As per the terms and conditions mentioned in the RFP, the agency engaged for processing of waste is responsible to the safe and compliant utilization of all end products. The agencies sell sorted waste to the recycling agency tied with the MRFs.

The agencies engaged at the MRFs are responsible to manage the residue and reject. The non-recyclable waste from MRFs is sent to Cement industry/ Waste to Energy plants for co-processing and sent their non-recyclable waste to sanitary landfill/dumpsites.

4. Gap in Waste Generation & Processing

During the hearing held on 17th October 2024, the Hon'ble Tribunal was apprised that the **State was generating 10,317 TPD** of municipal solid waste, of which 8,872 TPD was being scientifically processed, resulting in a **processing gap of 1,445 TPD**.

As of the current status, the waste generation is **10,997 TPD**, primarily due to population growth and expanded urban coverage. The scientific processing capacity has been

concurrently enhanced, thereby reducing the processing gap to **1,050 TPD**. Detailed data is provided in Annexure 6.

5. Efforts undertaken for Remediation of Legacy waste

Following the directions given by Hon'ble National Green Tribunal during hearing dated on 23rd February 2023, a total of 255 lakh MT of legacy waste across 165 sites was reported by the state.

Further, in the following hearing dated on 17th October 2024, it was identified that due to the gap in generation and processing capacities in the state, 141 sites in the state have shown accumulation of unprocessed waste, resulting into additional legacy waste quantity of 41.15 lakh MT. Thus, the **total quantity of legacy waste resulting to 296.15 lakh MT**.

With a prioritized focus on legacy waste remediation, the state has undertaken targeted and intensive efforts to address and eliminate legacy waste in a timely and strategic manner. The state has already scientifically remediated 266.63 lakh MT i.e. 90% of total legacy waste by adopting bio-mining and other approved methods. ULB has reclaimed approximately 902.41 acres of land, achieving full compliance in this regard

The **remaining total 35.96 lakh MT (29.52 lakh MT reported + 6.44 lakh MT added)** of legacy waste will be addressed in a phased manner, with full-scale remediation targeted to complete by December 2025 following the operationalisation of the planned processing facilities and continued execution of remediation projects in the remaining ULBs. Detailed data is provided in Annexure 7.

6. RING FENCED ACCOUNT

As per the Hon'ble NGT direction dated:23.02.2023 under Solid Waste management amount Rs. 90 Cr ringfenced for the purpose of Solid Waste Management. Considering the gap in the financial and physical progress, against the expenditure incurred, and to improve the physical progress of effective handling of Solid Waste management in urban areas. An amount of Rs. 90 Cr. has been fully utilised.

Apart from this, Urban development department has earmarked a budgetary provision of Rs. 195.55 crores in BE-2025-26 this fund will be used solely for waste management.

(Rs. 75 Cr for remediation of unprocessed dumped waste & Rs. 120.55 Cr for O&M purpose for daily waste processing).

7. **Success Stories: Gujarat's Performance in Swachh Survekshan 2024-25**

Moving from 8th rank in SS 2023-24 to **3rd rank in SS 2024-25**, Gujarat has delivered an outstanding performance in the Swachh Survekshan 2024–25. State has reinforced its reputation as a leader in urban sanitation and waste management. The state's cities have not only climbed the cleanliness rankings but also showcased innovation, citizen engagement, and sustainable practices.

Ahmedabad Municipal Corporation has achieved the **'Cleanest City in India'** award in million-plus population category, showcasing its unwavering commitment to cleanliness and sanitation.

- Ahmedabad topped the rankings among cities with a population of over 10 lakhs, scoring 12,079 out of 12,500 points.
- This marks a historic achievement, as Ahmedabad rose from 15th place in 2015 to the top spot in 2025.

Surat Municipal Corporation and **Gandhinagar Municipal Corporation** has made their mark in **'Swachh Super League'** cities, while **Vadodara Municipal Corporation** has made its way to be a **'Promising Swachh Shaher'**.

Summary of Action Taken: Directions issued by Hon'ble NGT for Gujarat state on date: 17/10/2024.

Sr. No.	Analysis/observation of the Hon'ble NGT	Action Taken	Necessary clarification/reply
1	The gap reported in waste processing is almost at the same level as was reported earlier, which is on account of not having waste processing facilities commensurate with waste generation. The extended timelines to bridge the gap will add to legacy waste.	Action Taken	In compliance with the directions of the Hon'ble National Green Tribunal and as part of the ongoing efforts under the Swachh Bharat Mission – Urban 2.0 (SBM-U 2.0), the following status update is respectfully submitted for kind perusal: **a) Status of Municipal Solid Waste Processing** During the hearing held on **17th October 2024**, the Hon'ble Tribunal was apprised that the State was generating **10,317 TPD** of municipal solid waste, of which **8,872 TPD** was being scientifically processed, resulting in a processing gap of **1,445 TPD**. As of the current review, the waste generation is **10,997 TPD**, primarily due to population growth and expanded urban coverage. The scientific processing capacity has been concurrently enhanced to **9,947 TPD**, thereby **reducing the processing gap to 1050 TPD**. **b) Infrastructure Augmentation Measures** To address the shortfall in waste processing and ensure 100% scientific management of municipal solid waste, the State has undertaken targeted infrastructure expansion measures and work are ongoing in ULBs level at various stages. These efforts are being rigorously monitored to ensure timely commissioning and effective functionality. **c) Legacy Waste Management** With processing plants in different stages of the sanctioning and approval stage, **141 ULBs** saw an accumulation of **41.15 lakh MT** of unprocessed waste after **31st March 2023,** which added to legacy waste.

			As of date: • **11.63 lakh MT** of legacy waste has been **scientifically remediated** through bio-mining and other approved methods at the operational facilities. • The **balance total 35.96 lakh MT (29.52 lakh MT reported + 6.44 lakh MT added)** of legacy waste will be addressed in a **phased manner**, with full-scale remediation to commence **post-December 2025** once the remaining facilities become functional. The State remains committed to ensuring full compliance with the Solid Waste Management Rules, 2016 and directions issued by the Hon'ble Tribunal. Regular progress updates and supporting documentation shall continue to be submitted to the Hon'ble Tribunal as per prescribed timelines.
2	Presently, waste generation is estimated to be 10,317 TPD and processing is to an extent of 8,872 TPD with a resultant gap of 1445 TPD.	Action taken	As a result of these interventions, the gap in scientific waste processing has been **reduced from 1,445 TPD** (as reported during the October 2024 hearing) **to 1050 TPD** at present. It is anticipated that the **entire gap of 1050 TPD will be fully eliminated up to July 2026 as per below mentioned**, enabling the State to achieve **100% scientific processing of municipal solid waste**. The expected month-wise timeline for the completion of the remaining plants is as shown below: • **September 2025 - approx. 105.50 MT** • **October 2025 - approx. 50.75 MT** • **November 2025 - approx. 21.42 MT** • **December 2025 - approx. 379.208 MT** • **January 2026 - approx. 26.34 MT** • **March 2026 - approx. 218.32 MT** • **July 2026 - approx. 248.47 MT** These efforts are being monitored closely and executed in adherence to the Solid Waste Management Rules, 2016, and directions of the Hon'ble Tribunal.
3	The gap is more in Nagarpalika (1358 TPD). Annexure I (page 2831) of the report indicates the gap in waste processing in 157 ULBs. We direct to review this	Action taken	As a result of these efforts, the operationalisation of **waste processing plants** in Nagarpalika has led to a significant reduction in the waste processing gap—from **1,358 TPD (as on October 2024)** to **1020 TPD** at present.

	status for expediting the reduction of gap by setting up processing facilities / or replicating ULBs reporting zero gap.		The remaining plants in Nagarpalikas are under various stages of implementation and are expected to be commissioned by **July 2026**. Upon their operationalisation, it is anticipated that the **entire processing gap of 1020 TPD** in Nagarpalikas will be fully addressed, thereby achieving **100% scientific processing of municipal solid waste** in these urban areas. These developments are being undertaken in compliance with the Solid Waste Management Rules, 2016 and under continuous monitoring by the SBMU Mission Directorate.
4	During the interaction, no satisfactory response was given on the utilisation of processed products like Compost, etc and particularly their disposal on low-lying areas which could be a potential threat to environmental contamination. The next report should cover these aspects, particularly the quality of compost and compliance of operating waste processing facilities authorised and consented under the MSW rules and Water Act.	Action taken	The State has instituted strict measures to ensure that the by-products generated from municipal solid waste processing are utilized in an environmentally safe and legally compliant manner, in adherence to the Solid Waste Management Rules, 2016 and the Water (Prevention and Control of Pollution) Act, 1974, **thereby supporting long-term environmental sustainability with support of State Pollution Control Board (SPCB).** As per the terms outlined in the Request for Proposal (RFP) issued for the selection of agencies for the **construction and Operation & Maintenance (O&M) of waste processing facilities for a period of 7 years**, the responsibility for the safe and compliant utilization of all end products lies with the selected agency. Compliance of operating waste processing facilities authorised under the **MSW rules by SPCB (GPCB)**. The agencies are tagged with laboratories which are NABL accredited, approved by CPCB/GPCB. In particular, the agency is **mandated to ensure that the compost generated from processed wet waste meets the quality standards specified in Schedule II (i) of the Solid Waste Management Rules, 2016**. To this end, the agency is required to conduct **regular testing of compost quality through accredited laboratories**, ensuring that the product is fit for agricultural or horticultural use and does not pose any threat to public health or the environment.

			These conditions are explicitly embedded in the contractual obligations of the agencies and are being monitored to ensure strict compliance with all applicable environmental regulations. The compost produced by ULBs are only utilised further, once the ULB has their produced compost tested by accredited laboratories, and have received the testing certificates as provided in **Annexure (A).**
5	Concerning legacy waste, the estimated legacy waste is 255 lakh metric tons (MT) on 165 sites, but its date and year have not been disclosed. Further, 253.76 MT has been remediated, leaving 1.24 MT to be remediated at 7 sites/ ULBs. About area reclaimed, no information was available, and therefore, we direct that the next report should disclose details of 165 ULBs in terms of legacy waste, remediated quantity, an area reclaimed, and management of bio-mined products and rejects. The report should further disclose details of the status of legacy waste (unprocessed waste is 41,15,823 MT, resulting in legacy waste in 165 ULBs) in each ULB, particularly where the gap is Zero.	Completed + Action taken	The State has successfully **remediated 100% of the old legacy waste**, amounting to around **255 lakh metric tonnes (MT)**, and has **reclaimed approximately 902.41 acres of land**, achieving full compliance in this regard. The detailed information on **quantity of legacy waste remediated, area reclaimed**, and the **management and disposal of bio-mined products and inert rejects** is enclosed as **given format**. In addition to the above, a new legacy waste burden of **41.15 lakh MT** has accumulated across **141 Urban Local Bodies (ULBs)** due to unprocessed waste accumulated after **21st March 2023**. The State has initiated remediation efforts to address this emergent waste stockpile. As of date, **30 ULBs** (comprising **8 Municipal Corporations** and **22 Nagarpalikas**) have commenced remediation activities and have successfully processed **11.63 lakh MT**, unprocessed waste. The **remaining 29.52 lakh MT** of new legacy waste is proposed to be **remediated in a phased manner** and is expected to be fully addressed by **December 2025**, following the operationalisation of the planned processing facilities and continued execution of remediation projects in the remaining ULBs. Detailed data is provided in Annexure 7.

Annexure – 1(SWM) : ULB-wise generation and breakup details

(1) Name of ULB	(2) Waste Generation (TPD)*	(3) Composition of Waste			(4) Waste collected (TPD)	(5) Waste Transported (TPD)	(6) Final destination of transported waste
		Biodegradable	Dry/ Recyclable	Inert			
Ahmedabad	2569	1152	1372	45	2569	2569	The waste is collected through door-to-door facility & transported Dedicated RTS and then to Material Recovery Facilities and then transported by Secondary vehicles to centralized waste processing plants.
Surat	2516.95	1444.03	961.35	111.57	2516.95	2516.95	The door-to-door facility & transported by Secondary vehicles from 08 refuse transfer stations. then forwarded to Material Recovery Facilities, dedicated waste processing plants and centralized waste processing plants.
Rajkot	750	367	308	75	750	750	Processing facility at Nakarawadi waste dumpsite
Vadodara	1200	709	488	3	1200	1200	R.S.346, Makarpura Landfill
Gandhinagar	184.6	81	86.9	16.7	184.6	184.6	To processing facilities & dumpsite
Bhavnagar	250	152	98	0	250	250	Dumpsite process plant site
Jamnagar	370	210	150	10	370	370	Processing plant-Jamnagar
Junagadh	130	72	58	0	130	130	Integrated Waste Management Facility at Ivnagar
Anand	64	33	29	2	64	64	Process plant site-Lambhvel
Nadiad	83	50	31	2	83	83	Processing plant-Nadiad
Surendranagar	70	47	22	1	70	70	Transported to Surendra Nagar Municipal Corporation's

							1. Khamishana Dumping Site & 2. Malod Road Dumpsite
Mahesana	91	37	52	2	91	91	MRF center at panch khetar dumpsite shobhasan road
Morbi	90	49.5	31.5	9	90	90	Processing facility at Dumpsite
Porbandar	82.8	49	31.8	2	82.8	82.8	Processing facility at Dumpsite
Gandhidham	123	68	53	2	123	123	Material Recovery Facility Plant-Gandhidham
Vapi	78.07	40	37	1.07	78.07	78.07	Chandor Processing Plant Facility
Navsari	104	56	46	2	104	104	Processing Plant Site-Navsari
Bareja	3.3	1.7	1.6	0.03	3.3	3.3	Processing Plant : Mahijda Road, Bareja
Bavla	20	10.0	9.8	0.1	20	20	Processing Plant: Ramnagar, Bavla
Dhandhuka	4.7	2.4	2.2	0.1	4.7	4.7	Processing Plant: Near Ketiwadi farm, Dhandhuka
Dholka	30	13.0	16.7	0.3	30	30	Processing Plant: R.s.N.477 at Shankar Pura Dholka
Sanand	22	17.0	4.9	0.1	22	22	Processing Plant: Madhavnagar
Viramgam	21	5.5	15.2	0.3	21	21	Processing Plant: Vermi compost site Viramgam Nagarpalika.
Barvala	2.2	1.1	1.0	0.1	2.2	2.2	Processing Plant: Kundal Darwaja bahar survey no. 534
Botad	34	12.0	21.6	0.4	34	34	Processing Plant: Old Municipality, Botad & Alav Road, Botad
Gadhada	6	1.0	4.4	0.6	6	6	1. Processing Plant: Haripar road, Gadhada

Chakalasi	3.5	1.5	1.8	0.2	3.5	3.5	Processing Plant: Bhachsar road, Chaklasi
Dakor	8	4.0	3.8	0.2	8	8	Processing Plant: Kalsar Site, Dakor
Kanjari	3	1.0	1.8	0.2	3	3	Processing Plant: Near 66 KV substation Narsanda road Kanjari
Kapadwanj	17	8.5	8.3	0.2	17	17	Processing Plant: 1007/A Garod Road Kapadwanj
Kathlal	3	1.5	1.4	0.1	3	3	Dumpsite: Balasinor road, kathlal
Kheda	6.5	3.0	3.4	0.1	6.5	6.5	Processing Plant: Iyavapura, kheda
Mahemdabad	8	3.0	4.8	0.2	8	8	Processing Plant: Survey no. 903 godibar no tekro, Mahemdabad
Mahudha	3.2	1.2	1.9	0.1	3.2	3.2	Processing Plant: Finava Bhagol,
Thasra	9	5.8	3.1	0.1	9	9	Processing Plant: Vadad ITI road, Ferkuva, Thasra,388250
Chotila	7	3.5	3.4	0.1	7	7	Dumpsite: Near smashan chotila
Limbdi	10	5.0	4.9	0.1	10	10	Processing Plant: Near Nandanvan Hotel, Limbdi
Dhrangadhra	26	14.5	11.3	0.2	26	26	Processing Plant: MRF center haripar road,dhrangadhra
Patdi	10	6.0	3.9	0.1	10	10	Processing Plant: Devaki bhathi talavdi, Patdi
Thangadh	5	1.5	3.4	0.1	5	5	Processing Plant: Vermi Compost site, Thangadh
Deesa	53	13	35.7	4.30	53.00	53	Send to Deesa dumpsite Processing Plant
Himmatnagar	27	2.5	21.8	2.70	27.00	27	Himatnagar Dumpsite Processing Plant

Khedbrahma	8.8	2.9	5.0	0.88	8.80	8.8	khedbrahma dumpsite Processing Plant
Mansa_G	15	6	8.0	1.00	15.00	15	Dumpsite process plant site Mansa
Talod	2.5	0.52	1.7	0.25	2.50	2.5	Processing Plant Poyda Dumpsite, Talod Nagarpalika
Bayad	2.55	0.8	1.5	0.26	2.55	2.55	Bayad Dumpsite Processing Plant
Bhabhar	10	3.5	5.7	0.80	10.00	10	Bhabhar Dumpsite - Processing Plant
Chanasma	6	2	3.4	0.60	6.00	6	Chanasma Dumpsite process plant site
Dahegam	14.7	7	6.8	0.90	14.70	14.7	Dahegam Dumpsite Process Plant Site
Dhanera	8.04	3	4.2	0.80	8.04	8.04	Dhanera nagarpalika - Dumpsite Processing Plant
Harij	6	2	3.4	0.60	6.00	6	Harij Dumpsite Processing Plant
Idar	9.3	3.1	5.3	0.93	9.30	9.3	IDAR NAGARPALIKA Dump site Processing plant
Kalol	45	13	30.0	2.00	45.00	45	Kalol Nagarpalika - Pratapura Dupm site
Kheralu	7	2.8	3.5	0.70	7.00	7	kheralu nagarpalika Dumpsite Processing Plant
Modasa	14.00	2.8	10.3	0.90	14.00	14.00	Modasa Dumpsite
Palanpur	65	19.5	42.0	3.50	65.00	65	Palanpur Nagarpalika Dumpsite Processing Plant
PATAN_GU	45	13	30.0	2.00	45.00	45	Patan Nagarpalika - Dumpsite Processing Plant
Prantij	6.2	2.2	3.4	0.62	6.20	6.2	Prantij Nagarpalika Dumpsite Processing Plant
Radhanpur	12	5	6.1	0.90	12.00	12	Radhanpur Dumpsite Processing Plant
Siddhpur	12	5	6.1	0.90	12.00	12	Dumpsite of Siddhpur Nagarpalika
Thara	7	3	3.3	0.70	7.00	7	Thara ULB Dumpsite Processing Plant

Tharad	12	3	8.1	0.90	12.00	12	Tharad Nagarplaika Dumpsite Processing Plant
Vadali	5.5	2.5	2.5	0.55	5.50	5.5	vadali Dumpsite Processing Plant
Vijapur	7	3	3.5	0.50	7.00	7	Vijapur Dumpsite Processing Plant
Visnagar	32	15	16.0	1.00	32.00	32	Visnagar Dumpsite Processing Plant
Kadi	13	2	10.1	0.90	13.00	13	Kadi Nagarpalika Dumpsite Processing Plant
Unjha	10.71	5.4	4.5	0.80	10.71	10.71	Unjha Nagarpalika Dumpsite Processing Plant
Vadnagar	10	4	5.4	0.60	10.00	10	Vadnagar Nagarpalika Processing Plant
Bharuch	110	65	44.04	0.96	110	110	Near J.B.Modi Park Compound
Amod	8.05	3.5	4.5	0.05	8.05	8.05	Amod municipality dumpsite
Jambusar	15	9	5.8	0.2	15	15	Jambusar Nagarpalika Dumpsite
Ankleswar	37.6	15.8	21.4	0.428	37.6	37.6	Sukavali Dumping site, Ankleshwar
Rajpipla	12.1	7	5	0.1	12.1	12.1	Rohitvas Dumping Site, Rajpipla
Bilimora	14	9	4.9	0.1	14	14	Amalsad road, dump site
Gandevi	5.3	2.7	2.3	0.3	5.3	5.3	Kachra depo Nearby Sati Mata Mandir
Kadodara	11.02	5	6	0.05	11.02	11.02	MSW Processing Plant, Nadida Gam, Bardoli
Tarsadi	13.2	6.6	6.43	0.17	13.2	13.2	66kv Dumping site , Tarsadi
Mandvi	6.7	4.2	2.4	0.1	6.7	6.7	Dumpsite Mandvi
Bardoli	49.63	29.61	19.85	0.17	49.63	49.63	MSW Processing Plant, Nadida Gam, Bardoli
Vyara	15.77	8.65	5.53	1.59	15.77	15.77	Processing facilities, Resource Recovery station, kanza fatak, dumpsite Vyara

Songadh	11	3.7	7.2	0.1	11	11	Songadh Nagarpalika Devjipura Processing Site
Umargam	10.5	5	5	0.5	10.5	10.5	Umargam Processing site, Nargol Coastal highway
Valsad	40.63	24.6	15.3	0.73	40.63	40.63	Pardi sandhpore Dumpsite - Valsad
Pardi	9.1	4.8	4.1	0.2	9.1	9.1	Bhenslapad Processing Plant
Dharampur	15.32	5.6	9.7	0.02	15.32	15.32	Fresh Waste Processing Plant
Anklav	3	2	0.9	0.1	3	3	Anklav Nagarpalika Dump Site
Balasinor	15	7.5	7	0.5	15	15	Balasinor Fresh Waste Processing Plant, at Bhathala Road
Boriavi	3	2	0.8	0.2	3	3	Anand Corporation Cluster lambhvel processing plant
Borsad	21.1	5	15	1.1	21.1	21.1	Near By STP Plant, Vasad Tarapur Highway
Chhota Udaipur	8	4.5	3.2	0.3	8	8	Chhotaudepur nagarpalika processing plant, Piplej
Dabhoi	15	7	7.6	0.4	15	15	Dabhoi processing plant facilities, at dhal nagar
Dahod	65	26	36.5	2.5	65	65	Fresh Waste Processing Plant at Punsari Gam
Devgadbaria	9.1	5.3	3.3	0.5	9.1	9.1	Devgadh baria Processing Plant Facility, Motipura
Godhra	46.5	18	26.64	1.86	46.5	46.5	Godhra NAgarpalika Processing Plant facilities Hamirpur SR No 78(plant in under construction)
Halol	34	18	14.5	1.5	34	34	Processing Plant, Halol.
Jhalod	9	4	4.5	0.5	9	9	Jhalod Dump site
Kaalol (Panch Mahals)	6.61	3.9	2.7	0.01	6.61	6.61	KAALOL PROCESSING PLANT At Golibaar area kaalol
Karjan	8.5	4	4	0.5	8.5	8.5	Karjan Processing plant
Khambhat	9.7	3.9	5.7	0.1	9.7	9.7	Khambhat processing plant Facility

Lunawada	14	6.3	7	0.7	14	14	Lunavada processing plant
Ode	4.5	1.99	2.5	0.01	4.5	4.5	Ode processing plant
Padra	22.6	14	8	0.6	22.6	22.6	PADRA PROCESSING PLANT
PETLAD	11	4.7	5	1.3	11	11	PETLAD Processing Plant AT LAKKADPURA NEAR BORSAD ROAD PETLAD
Santrampur	4.2	2.9	1	0.3	4.2	4.2	NANA NATVA PROCESSING PLANT SANTRAMPUR
Savli	3.5	2.5	0.8	0.2	3.5	3.5	Savli nagarpalika processing plant
Shehera	8.37	5.1	3.1	0.17	8.37	8.37	Shahera nagarpalika proceesing plant facilities, at Patiya
Sojitra	2.8	1.15	1.64	0.01	2.8	2.8	Sojitra Nagarpalika Processing Plant Facilities at Dudhipura, Sojitra
Umreth	9	2	6	1	9	9	Umreth Nagarpalika processing Plant facilities, Kain vistar
Vaghodiya	8.2	4	4	0.2	8.2	8.2	Dumpsite at madodhar, vaghodiya nagarpalika
Amreli	70	39	30	1	70	70	Amreli Nagarpalika B/H Gujcomasol Dumpsite- Processing Plant
Babra	2.2	1.4	0.55	0.25	2.2	2.2	Babara Processing Plant - Kariyana Road, Babra Dumpsite.
Bagasara	8	4.8	2.8	0.4	8	8	Processing Plant-Bagasar ULB ADPUR ROAD ATALJI DUMP SITE.
Chalala	3	1.8	1.05	0.15	3	3	Chalal Nagarpalika, Vermi compost plant at Dumpsite
Damnagar	3.14	1.86	1.08	0.2	3.14	3.14	Processing Plant: THANSA ROAD, DUMPSITE, DAMNAGAR
Jafrabad	3	1.8	1	0.2	3	3	Processing Plant: VADHERA ROAD DUMPSITE.

Lathi	3.65	2.4	1.2	0.05	3.65	3.65	Processing Plant: DUDHALA ROAD, DUMPSITE, LATHI
Rajula	8	3.8	3.2	1	8	8	Processing Plant: SAVARKUNDALA ROAD, Dumpsite, Rajula
Savarkundla	14.5	8	6	0.5	14.5	14.5	Processing Plant: Bogharyani Dumpsite - Savarkundala
Gariadhar	6	4.2	1.6	0.2	6	6	DUMPSITE, Juna Bela Road, Gariyadhar
Mahuva	28	15	12.6	0.4	28	28	Mahuva Processing Plant - Mahuva Dumpsite
Palitana	14	8	5.8	0.2	14	14	Processing Plant: Talaja Road Dumpsite
Sihor	14	8.4	4.9	0.7	14	14	Dumpsite
Talaja	8.1	4.86	2.835	0.405	8.1	8.1	Processing Plant-dumpsite-Sakdasar talaja
Vallabhipur	4	2.4	1.4	0.2	4	4	Processing Plant-kalyanpur road dumpsite
Kodinar	11.2	7	4	0.2	11.2	11.2	Processing Plant-Dumpsite Majevadi, Una Highway Road, Kodinar
Sutrapada	7.19	4.31	2.51	0.37	7.19	7.19	Dumpsite Opp.Anurag Colony Sutrapada (Temporary)
Talala	5.1	2.3	2.6	0.2	5.1	5.1	Processing Plant Dhareshwar Dumpsite.
Una	23	10.33	12.17	0.5	23	23	Processing Plant: Una Dumpsite, Chanchakvad Road, Una
Veraval	65	40	23	2	65	65	Processing Plant - Dumpsite Veraval Survey No 467,468 and Bin Numbari Talala Bypas road Dumpsite
Bantwa	2.5	1.50	0.875	0.125	2.5	2.5	PROCESSING PLANT, KUTIYANA ROAD, DUMPSITE- BANTWA
Chorvad	2.8	1.58	1	0.22	2.8	2.8	Processing Plant: DUMPSITE CHORVAD

Keshod	22	13.2	7.7	1.1	22	22	Processing Plant: BADODAR ROAD, DUMPSITE, KESHOD
Manavadar	3.5	1.4	1.3	0.8	3.5	3.5	Processing Plant: B/H MAHADEVIYA TEMPLE, DUMPSITE, MANAVADAR
Mangrol	17	12.5	4.35	0.15	17	17	Processing Plant: at Dumpsite BARA VISTAR-Mangrol
Vanthali	4.5	2.4	1.9	0.2	4.5	4.5	Processing Plant: MANAVADAR ROAD, DUMPSITE, VANTHALI
Visavadar	6.5	3.9	2.275	0.325	6.5	6.5	Processing Plant: Dumpsite Satadhar Road
Dhari	6	3	2.5	0.5	6	6	Recently Newly formed Nagarpalika.
Gondal	29.5	11.4	17.6	0.5	29.5	29.5	Vora kotda road dumpsite, processing plant gondal nagapalika
Jetpur	38.5	15.2	22.8	0.5	38.5	38.5	Derdi Road Dumpsite, Processing Plants, Jetpur Navagadh Nagarpalika
Dhoraji	23	12.8	10	0.2	23	23	Dumpsite process plant site, old upleta road dhoraji.
Upleta	24	14.4	9.4	0.2	24	24	Patanvav Road Dumpsite process plant site
Jasdan	12	7	4.8	0.2	12	12	Processing Plant at Dumpsite Gokhalana Road, Jasdan
Bhayavadar	7	4.2	2.6	0.2	7	7	Kolki road dumpsite, processing plant bhayavadar nagapalika
vankaner	11	5.1	5	0.9	11	11	than road-wankaner Dumpsite process plant site
Halvad	7	4.2	2.7	0.1	7	7	Processing Site At Halvad Dumpsite, Vegadvaav Road Halvad
Maliya-Miyana	6	3.6	2.3	0.1	6	6	Processing Facility at.Maliya main Road Dumpsite, Maliya Miyana

Tankara	4.5	2	2.4	0.1	4.5	4.5	Asabapir 100 chorasvar (temporary) at dumping site Tankara
Dhrol	8.7	4.35	3.9	0.45	8.7	8.7	Processing Facility At.Nana garediya road, Dhrol Dumpsite
Jamjodhpur	5.3	2.65	2.12	0.53	5.3	5.3	Processing Facility at Revenue Survey No. : 2332-A-1, Jamjodhpur To Mahiki Road, Dumpsite Jamjodhpur
Kalavad	9.5	5	4.4	0.1	9.5	9.5	Machhalivad road, Kalavad ULB Dump site
Sikka	10	4.5	4	1.5	10	10	Sikka Dump Site- Sikka
Okha	26	13	11.7	1.3	26	26	OKHA AARAMBHADA BY PASS ROAD,Okha Dumpsite
Dwarka	20	8	11.5	0.5	20	20	Old charkla road dwarka , dwarka dump site
Khambhaliya	11.578	7.078	4.4	0.1	11.578	11.578	Processing Facility at Sumra Targhdi Dumpsite Khmbhaliya ULB
Salaya	8	3	4.9	0.1	8	8	Mandha Ni Dhar, Salaya
Bhanvad	5	2.9	1.9	0.2	5	5	Sai devariya road, Bhanvad Dumpsite
Jamraval	3.6	2	1.5	0.1	3.6	3.6	JAMRAVAL MADHADHAR DUMPSITE
Ranavav	6	2	3.9	0.1	6	6	Dumpsite, Ranavav
Kutiyana	3.5	1.8	1.6	0.1	3.5	3.5	Near, Kotadanaka Kutiyana Dumpsite
Bhuj	50	28	21	1	50	50	Processing facility at Sr. No. 870/Paiki, Nagor Road, Bhuj Dumpsite - Bhuj
Anjar	28	7	20.5	0.5	28	28	PROCESSING FACILITY AT SR.NO 984 PAIKI ANJAR VERSAMEDI HIGHWAY ANJAR DUMPING SIDE
Mandvi	20	8	11.8	0.2	20	20	Mandvi Nagarpalika dumpsite at. Behind of Shitla Mata Temple, Layja Road, Mandvi -Kachchh

Bhachau	18.5	5	13	0.5	18.5	18.5	Processing Facility at Dumpsite Bhachau
Rapar	9	5.22	3.42	0.36	9	9	PROCESSING FACILITY AT NEAR TRAMBO CUTTING ROAD RAPAR DUMP SITE
Mundra borai	11.5	5	6	0.5	11.5	11.5	Dumpsite mundra, bhukhi nadi
Nakhtrana	2.5	0.3	2	0.2	2.5	2.5	Dumpsite nakhatrana virani road
Total	**10,997**	**5659**	**4974**	**364**	**10,997**	**10,997**	

Annexure – 2(SWM): Details of composting of solid waste

	(A) 7.1) Composting					
ULB Name	**a) Intake quantity**	**b) Method adopted**	**c) Output quantity as Compost**	**d) Quality**	**e) Residue and Rejects and Management**	**f) Utilization of compost**
Ahmedabad	1152	Windrows Composting	172.8	Satisfactory (As per the FCO-1985 Testing Method)	Disposed in Landfill cell	Sold to Fertilizers Agency and Farmers by Agency
Surat	1394.70	Windrows Composting	122.5	FCO Compliant	Disposed in Landfill cell	Sold to farmers, agencies by concessionaire
Rajkot	387	Aerobic decomposition (Organic Waste Convertor) & Windrow composting	150	As per Lab test report	Send to Sanitary Landfill	Utilized in RMC's garden, Parks and Miyawaki forest and sold to farmer
Vadodara	5.2	Aerobic decomposition (Organic Waste Convertor)	1.5	SWM rules 2016 & FCO standard	Send to Sanitary Landfill	Self-Utilize at corporation park
Gandhinagar	78.7	Vermi Composting & Windrow Composting, Aerobic decomposition (Organic Waste Convertor)	34.8	As per Solid Waste management Rules-2016 and Fertilizer Control Order-1985 test reports confirms	Send to Dumpsite	Selling to public and self-Utilization by GMC in City's Gardens.
Bhavnagar	155	Aerobic decomposition (Organic Waste Convertor)	49.7	SWM rules 2016 & FCO standard	Send to Sanitary Landfill	Self-Utilize by ULB
Jamnagar	220	Vermi compost	65	As per MSW Rules	As per MSW Rules	Giving to farmer and for using in ULB's garden

Junagadh	57	Pit Composting	1	As per MSW Rules	Send to Sanitary Landfill	self-utilized
Anand	33	Windrow Composting	17	As per MSW Rules	Managed by Agency	Used for Gardening in municipal corporation
Nadiad	50	Aerobic decomposition (Organic Waste Convertor)	39	As per MSW Rules	Managed by Agency	Used for Gardening in municipal corporation
Surendranagar	0	NIL	0	NIL	NIL	NIL
Mahesana	30	Pit composting	12	As Per SWM Rules 2016	Sent to dumpsite	Used for Gardening in municipal corporation
Morbi	50	Pit composting	15	As Per SWM Rules 2016	Rafaleshwar Dumpsite	Utilized in garden
Porbandar	49	Pit composting	17	As Per SWM Rules 2016	Sent to dumpsite oddar	Utilized in garden & adopted barter system for gaushala grass.
Gandhidham	68	Windrow composting	39	TEST REPORT Moisture Content: 7.05 % Toal Organic Carbon: 9.90 %	Managed by Agency	Used in gardens of municipal corporation as per requirement
Vapi	40	Windrow Composting	17.5	TEST REPORT Moisture Content: 22.08 % Toal Organic Carbon : 15.20 %	Send to RDF Plant	Sold to farmers and Utilize in Gardens and parks area
Navsari	56	Aerobic composting	12.38	As Per SWM Rules 2016	Send to Sanitary land fill Site	Sold and Self Utilization
Bareja	0.5	Anaerobic composting (OWC)	0.2	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden

Bavla	7	Anaerobic composting (OWC)	2.5	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Dhandhuka	1.5	Anaerobic composting (OWC)	0.5	As Per SWM Rules 2016	Sent to SLF	Self-utilization in ULBs Garden
Dholka	3.6	Anaerobic composting (OWC)	1.3	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Sanand	12.2	Aerobic Composting (OWC) & Anaerobic Composting (Pit Composting)	4.3	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Viramgam	5.5	Aerobic Composting (OWC) & Anaerobic Composting (Pit Composting & Windrow Composting)	1.9	As Per SWM Rules 2016	Sent to SLF	Self-utilization in ULBs Garden
Barvala	1.1	Aerobic Composting (Pit Composting)	0.4	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Botad	1.5	Anaerobic composting (OWC)	0.5	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Gadhada	1.0	Pit Composting/ Windrow, Aerobic Composting	0.4	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Chakalasi	1.5	Aerobic Composting (Pit Composting)	0.5	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Dakor	2.9	Aerobic Composting (Pit Composting)	1.0	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Kanjari	1.0	Aerobic Composting	0.4	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden

		(Pit Composting)				
Kapadwanj	2	Aerobic Composting (Pit Composting)	0.7	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Kathlal	0	Nil	0	Nil	Nil	Nil
Kheda	3.0	Aerobic Composting (Pit Composting)	1.1	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Mahemdabad	0.6	Anaerobic composting (OWC)	0.2	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Mahudha	1.2	Aerobic Composting (Pit Composting)	0.4	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Thasra	5.8	Aerobic Composting (Pit Composting)	2.0	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Chotila	0	Nil	0	Nil	Nil	Nil
Limbdi	3	Aerobic Composting (Pit Composting)	1.1	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Dhrangadhra	5	Aerobic Composting (Pit Composting)	1.8	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Patdi	2	Aerobic Composting (Pit Composting)	0.8	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Thangadh	0.8	Aerobic Composting (Pit Composting)	0.3	As Per SWM Rules 2016	Sent to Dumping Site	Self-utilization in ULBs Garden
Deesa	13	Pit-Based (Vermi Compost)	5.2	As per SWM Rules 2016	Deesa Nagarpalika Dumpsite	Self-Utilize by ULB Garden
Himmatnagar	2.5	Organic Waste Converter Machine,	1	As per SWM Rules 2016	Send to Himatnagar dumpsite	Sold and Self-Utilize by ULB In Garden

		Vermi Compost			Processing Plant	
Khedbrahma	2.9	OWC Machine, Vermi Compost	1.16	As per SWM Rules 2016	Send to dumpsite	Sold and Self-Utilize by ULB In Garden
Mansa_G	6	Pit-Based (Vermi Compost)	2.4	As per SWM Rules 2016	Send to dumpsite	Self-Utilize by ULB
Talod	0.52	OWC Machine, Vermi Compost	0.208	As per SWM Rules 2016	Send to dumpsite	Self-Utilised By ULB
Bayad	0.8	Pit-Based, Vermi Compost	0.32	As per SWM Rules 2016	Send to Bayad Dumpsite	Self-Utilised By ULB & Given for Free
Bhabhar	3.5	Pit-Based	1.4	As per SWM Rules 2016	Send to Bhabhar dumpsite	Self-Utilize by Bhabhar Garden
Chanasma	2	Pit-Based composting	0.8	As per SWM Rules 2016	Send to chanasma dumpsite	Self-Utilize by ULB
Dahegam	7	Pit-Based, Vermi Compost	2.8	As per SWM Rules 2016	Send to dumpsite	Self-Utilize by ULB
Dhanera	3	Pit-Based, Vermi Compost	1.2	As per SWM Rules 2016	Send to Dhanera dumpsite	Self-Utilize by ULB garden
Harij	2	Pit-Based composting	0.8	As per SWM Rules 2016	Send to Harij dumpsite	Self-Utilize by ULB Garden
Idar	3.1	Organic Waste Converter Machine	1.24	As per SWM Rules 2016	Send to dumpsite	Self-Utilize by ULB Garden
Kalol	13	Pit-Based composting	5.2	As per SWM Rules 2016	Kalol Nagarpalika - Pratap pura Dump site	Self-Utilize by ULB
Kheralu	2.5	Pit-Based(Vermi Compost)	1	As per SWM Rules 2016	Kheralu nagarpalika Nr rabari vas Dump site	Self-Utilize by ULB

Modasa	0	Nil	0	Nil	Nil	Nil
Palanpur	19.5	Organic Waste Converter Machine	7.8	As per SWM Rules 2016	Send to Palanpur Nagarpalika Dumpsite	Utilize by agency
PATAN_GU	13	Pit-Based (Vermi Compost)	5.2	As per SWM Rules 2016	Send to Patan Nagarpalika Dumpsite	Self-Utilised By ULB
Prantij	2.2	Pit-Based (Vermi Compost)	0.88	As per SWM Rules 2016	Send to dumpsite prantij nagarpalika	Self-Utilised By ULB
Radhanpur	5	Pit-Based (Vermi Compost)	2	As per SWM Rules 2016	Send to dumpsite	Self-Utilised By ULB
Siddhpur	5	Pit-Based (Vermi Compost)	2.5	As per SWM Rules 2016	Dumpsite of Siddhpur Nagarpalika	Self-Utilised By ULB
Thara	3	Pit-Based (Vermi Compost)	1.2	As per SWM Rules 2016	send to Thara ULB Dumpsite	Self-Utilised By thara ULB
Tharad	3	Pit-Based (Vermi Compost)	1.2	As per SWM Rules 2016	Send to Tharad Nagarplaika Dumpsite Processing Plant	Self-Utilised By ULB
Vadali	2.5	Pit-Based (Vermi Compost) OWC Machine	1	As per SWM Rules 2016	Send to dumpsite	Self-Utilised By ULB
Vijapur	3	Pit composting	1.2	As per SWM Rules 2016	Send to dumpsite	tree planting and gardening
Visnagar	12	Segregation and Bio-methanization	4.8	As per SWM Rules 2016	Send to dumpsite	tree planting and gardening
Kadi	2	Pit-Based / Vermi Compost/OWC Machine	0.8	As per SWM Rules 2016	Send to kadi nagarpalika dumpsite	Self-Utilised by ULB Garden

Unjha	5.4	Aerobic drum compost plant	2.16	As per SWM Rules 2016	Send to dumpsite	Self-Utilised By ULB
Vadnagar	4	Pit-Based Composting	1.6	As per SWM Rules 2016	Send to dumpsite	tree planting and gardening
Bharuch	15	Anaerobic composting (Organic Waste Convertor machine)	9	Compost of Biodegradable waste is Good	Sent to Dumping Site	Self-Utilization in Garden
Amod	0	Nill	0	Nill	Nill	Nill
Jambusar	0	Nill	0	Nill	Nill	Nill
Ankleswar	0	Nill	0	Nill	Nill	Nill
Rajpipla	0	Nill	0	Nill	Nill	Nill
Bilimora	0	Nill	0	Nill	Nill	Nill
Gandevi	3.6	Vermi Composting	1.8	As per SWM Rules 2016	Sent to Dumping Site	Self-Utilization
Kadodara	5	OWC, Vermi Composting	2.5	As per MSW Rules	Sent to Dumping Site	Self-Utilization (Gardening, provide to the agricultural farm, Given to citizen of bardoli)
Tarsadi	0	Nill	0	Nill	Nill	Nill
Mandvi	0	Nill	0	Nill	Nill	Nill
Bardoli	29.61	OWC, Vermi Composting	14.81	As per MSW 2016 Rules	Sent to Dumping Site	Self-Utilization (Gardening, provide to the agricultural farm, Given to citizen of bardoli)
Vyara	8.65	Pit Composting and windrow composting	4.58	As per MSW 2016 Rules	Sent to Dumping Site	agriculture and gardening
Songadh	4	Pit Composting	1.5	As Per MSW Rules Usable	Sent to Dumping Site	Self-Utilised

Umargam	5	Pit composting	2.5	As per MSW 2016 Rules	Sent to Dumping Site	Self-Utilization
Valsad	0	Nill	0	Nill	Nill	Nill
Pardi	2.4	Pit Composting	1.4	As per MSW Rules 2016	Sent to Dumping Site	Compost Used in Nagarpalika Gardens
Dharampur	5.6	OWC, Pit Composting	2.8	As per MSW Rules 2016	Sent to Dumping Site	Self-Utilization used in gardens and agricultural farm
Anklav	0	Nill	0	Nill	Nill	Nill
Balasinor	7.5	Pit based composting	3	As per MSW 2016 rules	Dispose to dumpsite	self-utilization (Graden, plantation)
Boriavi	2	Pit Composting	0.5	As per MSW 2016 rules	Dispose to dumpsite	self-utilization (Graden, plantation)
Borsad	0	Nill	0	Nill	Nill	Nill
Chhota Udaipur	4.5	Vermi Composting	1.8	As per MSW 2016 rules	Manage by Agency	self-utilization (Graden, plantation)
Dabhoi	7	Windrow composting	2.8	GOOD	Manage by Agency	self-utilization (Graden, plantation)
Dahod	26	Organic Waste Converter Machine, Pit Composting	10.5	As per MSW 2016 rules	Manage by Agency	Agency Sell Compost to farmers agriculture & Self Utilization
Devgadbaria	5.3	Varmi Pit Composting	2.1	As per MSW 2016 rules	Dispose to dumpsite	self-utilization (Graden, plantation)
Godhra	18	Pit composting	7.2	As per MSW 2016 rules	Dispose to dumpsite	self-utilization (Graden, plantation)
Halol	18	Pit based composting	7.2	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Jhalod	0	Nill	0	Nill	Nill	Nill
Kaalol (Panch Mahals)	3.9	Vermi Composting	1.56	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)

Karjan	4	Vermi Composting	1.8	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Khambhat	3.9	Vermi Composting	2.3	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Lunawada	6.3	Pit based composting	2.52	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Ode	1.99	Pit based composting	1	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Padra	14	Composting by Windrow method	5.6	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
PETLAD	4.7	Composting by Windrow method	1.57	As per MSW 2016 rules	Dispose to Dump Site	Self-Utilization used in gardens and Selling to Fertilizer company
Santrampur	2.9	Pit based composting/ organic Waste Converter Machine.	1.16	As per MSW 2016 Rules	Managed by Agency	Self-Utilization used in gardens and Nursary
Savli	2.5	Vermi composting	2.5	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Shehera	5.1	Vermi compost	1.88	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Sojitra	1.15	Pit Based Composting	1.1	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Umreth	2	Pit Based Composting	1	As per MSW 2016 rules	Dispose to Dump Site	self-utilization (Graden, plantation)
Vaghodiya	0	Nil	0	Nil	Nil	Nil
Amreli	4	Pit Composting	3	AS PER SWM RULS - 2016	Amreli Nagarpalika Savarkundla road behind Gujcomasol	self-utilization (Graden, plantation)

					amreli DUMPSITE	
Babra	1.4	Pit Composting	0.7	AS PER SWM RULS - 2016	Kariyana Road, Babra DUMPSITE, BABRA ULB	Park and garden as compost
Bagasara	1.5	Pit based composting	1	AS PER SWM RULS - 2016	ADPUR ROAD ATALJI DUMP SITE BAGSARA ULB	Park and garden as compost
Chalala	1	Pit based composting	0.7	AS PER SWM RULS - 2016	Sent to Amreli Road, Vermi compost plant Dumpsite	Park and garden as compost
Damnagar	0.558	Pit based composting	0.474	As Per SWM Rules 2016	Sent to Dumpsite, THANSA ROAD, DAMNAGAR	SELF UTILIZATION GARDAN AND PARK
Jafrabad	1.8	Pit based composting	1.5	As Per SWM Rules 2016	SENT TO DUMPSITE, VADHERA ROAD, JAFARABAD	Park and garden as compost
Lathi	1.2	Pit Composting	1	As Per SWM Rules 2016	DUMPSITE, DUDHALA ROAD, LATHI	SELF UTILIZATION (GARDEN)
Rajula	2.66	Pit Composting	1.064	As Per SWM Rules 2016	Dumpsite, SAVARKUNDALA ROAD, RAJULA	SELF UTILIZATION (GARDEN)
Savarkundla	2	Pit Base Composting	1.3	As Per SWM Rules 2016	Sent to Bogharyani Dumpsite - Savarkundala	Self-Utilized
Gariadhar	0	Nill	0	Nill	Nill	Nill

Mahuva	12	Pit Base Composting	4	As Per SWM Rules 2016	SENT TO DUMPSITE	self-utilization by ulb/given for free
Palitana	0.8	Pit Base Composting	0.72	As Per SWM Rules 2016	Sent to Talaja Road Dumpsite	Self-Utilized
Sihor	0	Nil	0	Nil	Nil	Nil
Talaja	1.3	Pit Composting	1.1	As Per SWM Rules 2016	Sent to Dumpsite sankadasar -1 Talaja	SELF UTILIZATION (GARDEN)
Vallabhipur	0.4	Pit Composting	0.1	As Per SWM Rules 2016	kalyanpur road dumpsite	SELF UTILIZATION (GARDEN)
Kodinar	7	Pit Composting	5.25	AS PER SWM RULES-2016	Dumpsite Majevadi, Una Highway Road, Kodinar	Nagarpalika's Park and Garden
Sutrapada	0	Nill	0	Nill	Nill	Nill
Talala	0.63	Pit Composting	0.378	AS PER SWM RULES-2016	Dhareshwar Dumpsite	Self-Utilization at nagarpalika Garden
Una	3	Pit Composting	1.8	AS PER SWM RULES-2016	Una Dumpsite, Chanchakvad Road, Una	Self-Utilization at Parks and Gardens
Veraval	12	Pit Composting	9	AS PER SWM RULES-2016	Survey No 467,468 and Bin Numbari Talala Bypas road Dumpsite	Self-Utilization at nagarpalika Garden
Bantwa	0.375	PIT BASE COMPOSTING	0.225	AS PER SWM RULES	DUMPSITE-KUTIYANA ROAD, BANTWA	Self-Utilization at Parks and Gardens
Chorvad	0.8	PIT BASE COMPOSTING	0.5	AS PER SWM RULES	DUMPSITE BANDAR VISTAR-CHORVAD	Self-Utilization at Parks and Gardens

Keshod	3.3	WINDROW COMPOSTING	1.98	AS PER SWM RULES	DUMPSITE – BADODAR ROAD, KESHOD	Municipal Garden
Manavadar	0.5	PIT BASED COMPOST	0.4	AS PER SWM RULES	DUMPSITE - BEHIND MAHADEVIYA TEMPLE MANAVADAR	Park And Garden
Mangrol	3.125	PIT BASED COMPOST	2.188	AS PER SWM RULES	DUMPSITE BARA VISTAR-Mangrol	Municipal Garden
Vanthali	0.600	PIT BASED COMPOSTING	0.360	AS PER SWM RULES	DUMPSITE MANAVADAR ROAD, VANTHALI	Park And Garden
Visavadar	0.625	PIT BASED COMPOSTING	0.4	AS PER SWM RULES	Dumpsite Satadhar Road	Park And Garden
Dhari	0	Nill	0	Nill	Nill	Recently newly formed ULB.
Gondal	7	Pit Composting	1.5	AS PER SWM RULES-2016	Disposal to Dumpsite, Vora kotda Road Dumpsite	Self-Utilization and given to farmers
Jetpur	15.2	Pit Composting & Organic Waste Converter Machine	2.61	AS PER SWM RULES-2016	Disposal to Dumpsite, Derdi Road Dumpsite, Jetpur Navagadh Nagarpalika	Self-Utilization and given to farmers
Dhoraji	8	Pit Based Composting	1.5	AS PER SWM RULES	Disposal to Dumpsite, old upleta road, dhoraji	Self-Utilization at Nagarpalika Garden
Upleta	5	Pit Composting	4	AS PER SWM RULES	Dispose to Dumpsite	Given to farmers
Jasdan	3	Pit Composting	1.2	AS PER SWM RULES	Dispose to Dumpsite	Given to farmers

Bhayavadar	2	Pit Composting	0.4	AS PER SWM RULES	Disposal to Dumpsite, kolki Road Dumpsite	Self-Utilization at Parks and Gardens
vankaner	5.1	pit composting	1	As per SWM rule-2016	dispose to dumpsite	Utilised in park and garden
Halvad	2	Pit Composting	1.3	AS PER SWM RULES	Dispose to Dumpsite	Self-Utilization at Parks and Gardens
Maliya-Miyana	1.5	Pit Composting	1	AS PER SWM RULES	Dispose to Dumpsite	Self-Utilization at Parks and Gardens
Tankara	0	Nill	0	Nill	Nill	Recently Newly formed ULB
Dhrol	1.5	Pit Composting	1.2	AS PER SWM RULES	Dispose to Dumpsite	Self-Utilization at ULBs
Jamjodhpur	1	Pit Compost	0.45	AS PER SWM RULES	Dispose to Dumpsite (temporary) then after sent to SLF (Clustered)	Self-Utilize ULBs Garden & Parks
Kalavad	0	Nill	0	Nill	Nill	Nill
Sikka	0	Nill	0	Nill	Nill	Nill
Okha	0	Nill	0	Nill	Nill	Nill
Dwarka	0	Nill	0	Nill	Nill	Nill
Khambhaliya	5.3	Pit Composting	3.89	AS PER SWM RULES	Dispose to Dumpsite Sumra Targhadi Dumpsite Khmbhaliya ULB	SELF UTILIZATION BY ULB IN GARDENING
Salaya	0	Nill	0	Nill	Nill	Nill
Bhanvad	0	Nill	0	Nill	Nill	Nill
Jamraval	0	Nill	0	Nill	Nill	Nill
Ranavav	0	Nill	0	Nill	Nill	Nill
Kutiyana	0	Nill	0	Nill	Nill	Nill

Bhuj	28	Pit Based Composting	2.83	As per SWM Rules	Dumpsite - Bhuj	Self-Utilization at parks and gardens
Anjar	7	Pit Based Composting	3	As Per SWM Rules	Sent To Dumpsite	Self-Utilization @Parks & Gardens
Mandvi	0	Nill	0	Nill	Nill	Nill
Bhachau	5	Vermi Composting	2.5	As Per SWM Rules	Send to Dumpsite, Bhachau	Self-Utilization @Parks & Gardens
Rapar	1.400	Organic Waste Converter Machine	0.783	AS PER SWM RULES	DUMPSITE RAPAR	Self-Utilise by ULB in Park and Garden
Mundra borai	0	Nill	0	Nill	Nill	Nill
Nakhtrana	0	Nill	0	Nill	Nill	Nill
Total	**4410**	**-**	**1014**	**-**	**-**	**-**

Annexure 3(SWM): Waste Processing: Refused Derived Fuel of Solid Waste in Gujarat

Sr. No.	Name of ULB	i) Capacity of Plant (MT)	ii) Sources of waste for making RDF	iii) RDF Produced (TPD)	iv) Residue / Reject management	vi) Utilization of RDF
1	Vadodara	1000	Material recovery facilities	300	Managed by Agency	Sent to cement kilns as alternate fuel
2	Surat	1000	Secondary transfer station (RTS) & Material recovery facility (MRFs)	689.53	Disposed in Landfill cell	Utilization as alternative fuel in industries like cement factories, boiler industries, etc.
3	Bhavnagar	100	MRF	32	SENT TO SLF	SENT TO CEMENT FACTORY
4	Vapi	120	MRF facility (Segregated dry waste)	13	Dispose to Dumpsite	Sold to Cement Industry
5	Dabhoi	2	Segregated from MRF	1.4	Through agency	Boiler/Cement industries
	Total	**2222**		**1035.93**		

Annexure 4(SWM): Waste Processing: Waste to Energy of Solid Waste in Gujarat

Sr. No.	Name of ULB	a) Plant capacity (MT)	b) Daily inputs of feed (TPD)	c) Sources of waste	d) Output (Energy) MW	e) Residue / Rejects management	f) Fly ash and Bottom Ash management
1	Ahmedabad	1000	925	Dry Waste (RDF)	13	Fly ash and Bottom Ash are used by Sadbhav Engineering for filling at Dholera Expressway	Fly ash and Bottom Ash are used by Sadbhav Engineering for filling at Dholera Expressway
2	Jamnagar	600	120	MSW	7.5	As per SWM rules	Filling in low lying areas
	Total	**1600**	**1045**		**20.5**		

Annexure 5(SWM) : ULB-wise details of Other Processing Plant given

	(D) 7.4) Other Processing (Material Recovery Facilities)			
ULB Name	**a) Quantity of inputs (TPD)**	**b) Quality of inputs**	**c) Products and it's utilization**	**d) Residue / Reject management**
Ahmedabad	492	Recyclable and Non-Recyclable Dry Waste	Output Products: Plastic, Paper, Cardboard, Clothes, Metal and Glass are Recycled by Authorized Recyclers – NEPRA Resources Pvt Ltd and Ecovision Environmental Resource LLP	Non-recyclable waste is sent to Cement industry/ Waste to Energy for co processing
Surat	266.72	Fresh dry waste	The Material Recovery Facility (MRF) processes plastic, paper, metal, glass and rubber to create useful products. The Plastic Recycling Facility processes various types of plastic into granules and products, helping to reduce plastic pollution. Biomedical waste is treated safely to prevent infections and ensure proper disposal. The E-waste facility recovers valuable metals and components from discarded electronics.	Processing rejects sent to SLF
Rajkot	450	Fresh dry waste	Paper, Plastic, Metal and other recyclable material sold to recycler agency and non-recyclable material send to cement company/WTE Plant	Send to Sanitary Landfill
Vadodara	1450	1. MSW. 2. Clean & segregated plastic waste: PET.	1. Compost, C&D, Soil, inert. 2. Plastic, Rubber, Paper etc.	Near send to Sanitary landfill site
Gandhinagar	97.9	Fresh Dry waste	Dry & Recyclable wastes like plastic, paper, card boards, metal ect. Products to be utilized by Agency.	Sent to Dumpsite
Bhavnagar	100	Segregated Dry Waste and obtain PET bottle, low value plastic and soiled plastic	Plastic, Rubber, Paper etc.	Near send to Sanitary landfill site

Jamnagar	60	Fresh Dry waste	Scrape Materials giving to reg pickers (free of charges)	As per SWM Rules
Junagadh	28	Municipal Dry waste	Recyclables are recovered and sold by agency	Send to Sanitary Landfill
Anand	31	Highly Segregated	Consumer products like plastic bottles, paver blocks, planters, trays are being produce	Sent to dumpsite
Nadiad	33	Dry waste	Plastic, cardboards, rubber, glass, paper, clothes & non-recyclable materials sent to cement factory	Managed by Agency
Surendranagar	0	Nill	Nill	Nill
Mahesana	40	Highly Segregated	Plastic, Wood, Paper, other scrap materials	Sent to Dump site
Morbi	35	Fresh Dry waste	Plastic, cardboards, rubber, glass, paper, clothes & utilised by ULB	Send to Dumpsite
Porbandar	34	Fresh dry waste	Paper, Plastic, glass, rubber etc, and send to recycler	Send to Dumpsite
Gandhidham	55	MRF facility DRY Waste	Paper, Rubber, Plastic etc. and send to Recycler and sold by Agency	Send To Dumpsite
Vapi	39	Fresh dry waste	Paper, Rubber, Plastic etc. and send to Recycler and sold by Agency	Send to RDF Plant
Navsari	48	Dry waste	Plastic, Rubber, Paper, Scrape Materials etc.	Send to cement industries
Bareja	0	Nill	Nill	Nill
Bavla	6	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper, Scrape Materials etc. & Authorised Recyclers	As per the rules
Dhandhuka	2	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper, Scrape Materials etc. & Authorised Recyclers	As per the rules
Dholka	17	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper, Scrape Materials etc. & Authorised Recyclers	As per the rules
Sanand	3.9	Highly Segregated	Plastic, Rubber, Paper, Scrape Materials etc. & Authorised	As per the rules

			Recyclers Authorised Recyclers	
Viramgam	15.5	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper, Scrape Materials etc. & Authorised Recyclers	As per the rules
Barvala	1.1	Highly Segregated	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Botad	0	Nill	Nill	Nill
Gadhada	5	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Chakalasi	2	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Dakor	3.25	Highly Segregated	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Kanjari	2	Highly Segregated	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Kapadwanj	0	Nill	Nill	Nill
Kathlal	0	Nill	Nill	Nill
Kheda	0	Nill	Nill	Nill
Mahemdabad	0	Nill	Nill	Nill
Mahudha	1.8	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Thasra	2.9	Fresh Dry Waste (Highly Segregated)	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Chotila	0	Nill	Nill	Nill
Limbdi	0	Nill	Nill	Nill
Dhrangadhra	10	Highly Segregated	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Patdi	0	Nill	Nill	Nill
Thangadh	3.5	Highly Segregated	Plastic, Rubber, Paper etc. & Authorised Recyclers	As per the rules
Deesa	40	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. Authorised Recyclers	Deesa Nagarpalika Dumpsite
Himmatnagar	24.5	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite

Khedbrahma	5.9	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Mansa_G	9	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Talod	1.98	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Bayad	0	Nill	Nill	Nill
Bhabhar	6.5	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Bhabhar Dumpsite
Chanasma	0	Nill	Nill	Nill
Dahegam	7.7	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Dhanera	0	Nill	Nill	Nill
Harij	1	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Idar	6.2	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Kalol	19	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Kalol Nagarpalika - Pratap pura Dupm site
Kheralu	1	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Kheralu nagarpalika Dumpsite
Modasa	0	Nill	Nill	Nill
Palanpur	45.5	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Palanpur Nagarpalika Dumpsite
PATAN_GU	32	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Patan Nagarpalika Dumpsite
Prantij	4	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite

Radhanpur	1	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Siddhpur	7	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite of Siddhpur Nagarpalika
Thara	0	Nill	Nill	Nill
Tharad	9	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Tharad Nagarpalika Dumpsite
Vadali	3	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Vijapur	4	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Visnagar	17	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Kadi	11	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Kadi Dumpsite
Unjha	5.31	Fresh Dry Waste (Segregated Material)	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Vadnagar	6	Segregated Material	Plastic, Rubber, Paper, Scrape Materials, etc. & Authorised Recyclers	Dumpsite
Bharuch	4	Fresh Dry Waste (Segregated Material)	Paper, Metal, Plastic, Rubber & Sold by Agency	Sent to agency
Amod	0	Nill	Nill	Nill
Jambusar	0	Nill	Nill	Nill
Ankleswar	0	Nill	Nill	Nill
Rajpipla	0	Nill	Nill	Nill
Bilimora	0	Nill	Nill	Nill
Gandevi	3	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal)	Recyclable materials are sold locally	As per the rules

Kadodara	6	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal, Coconut)	Recyclable materials are sold locally	As per the rules
Tarsadi	0	Nill	Nill	Nill
Mandvi	0	Nill	Nill	Nill
Bardoli	19.85	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal, Coconut)	Recyclable materials are sold locally	As per the rules
Vyara	5.53	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal, Coconut)	Recyclable materials etc & Sold by Agency	As per the rules
Songadh	7.2	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal, Coconut)	Recyclable materials are sold locally	As per the rules
Umargam	5	Dry Waste - Temporary (Plastic, Paper, Pet bottle, Cloth, Metal, etc)	Plastic Bottle, Rubber, Packaging Material send for recycling	As per the rules
Valsad	0	Nill	Nill	Nill
Pardi	2.5	Fresh Dry Waste	Plastic Bottle, Panni, Rubber, Packaging Material send for recycling	As per the rules
Dharampur	9.7	Dry Waste (Plastic [LDPE, HDPE, PET], Paper, Pet bottle, Cloth, Metal, Coconut)	Plastic Bottle, Rubber, Packaging Material send for recycling	As per the rules
Anklav	0	Nill	Nill	Nill
Balasinor	7	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Paper, Card board, packaging Material, Glass	Sent to dumpsite
Boriavi	1	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Paper, Card board, packaging Material, Glass & sold to agency	Sent to dumpsite
Borsad	0	Nill	Nill	Nill
Chhota Udaipur	3.2	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Paper, Card board, packaging Material, Glass & sold to agency	Sent to dumpsite
Dabhoi	7.6	Fresh Dry Waste (Highly Recyclable Materials)	Plastic to Gradual and Other for RDF & Metal for Recycling & sold to agency	Sent to dumpsite

Dahod	36.5	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Paper, Card board, packaging Material, Glass & Agency Send RDF to Cement Factory	Sent to dumpsite
Devgadbaria	3.3	Fresh Dry Waste (Highly Recyclable Materials)	Pet bottles/glass/ cardboard/plastic sold to Agency	Sent to dumpsite
Godhra	26.64	Fresh Dry Waste (Highly Recyclable Materials)	cloth, paper, card board, packaging material, Glass, Rubber, Metal - Sold to scrap vendor	Sent to dumpsite
Halol	14.5	Fresh Dry Waste (Highly Recyclable Materials)	Cloth,Glass,Paper,Card Board,Packageing Material,Metal - Sold to scrap vendor	Sent to dumpsite
Jhalod	0	Nill	Nill	Nill
Kaalol (Panch Mahals)	2.7	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Glass, Paper, Card Board, Packaging Material, Metal - Sold to scrap vendor	As per the rules
Karjan	4	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Glass, Paper, Card Board, Packaging Material,- Sold to scrap vendor	Sent to dumpsite
Khambhat	5.7	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Glass, Paper, Card Board, Packaging Material,- Sold to scrap vendor	As per the rules
Lunawada	7	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Glass, Paper, Card Board, Packaging Material,- Sold to scrap vendor	As per the rules
Ode	2.5	Highly Recyclable Materials	RECYCLABLE PLASTIC WASTE TAKEN AWAY BY “Upcycle chakra ” FOR RECYCLE	Sent to dumpsite
Padra	8	Fresh Dry Waste (Highly Recyclable Materials)	Cloth, Glass, Paper, Card Board, Packaging Material, Metal - Sold to scrap vendor	As per the rules
PETLAD	5	Fresh Dry Waste (Highly Recyclable Materials)	Plastic, Cloth, Glass, Paper, Card Board, Packageing Material, Metal - Sold to scrap vendor RECYCLABLE PLASTIC WASTE TAKEN AWAY BY “Upcycle chakra ” FOR RECYCLE	As per the rules
Santrampur	1	Fresh Dry Waste (Highly Recyclable Materials)	RECYCLABLE PLASTIC WASTE TAKEN AWAY BY	Sent to dumpsite

			“Aztec Recycling pvt.ltd ” FOR RECYCLE	
Savli	0.8	Fresh Dry Waste (Highly Recyclable Materials)	Plastic, Cloth, Glass, Paper, Card Board, Packageing Material, Metal - Sold to scrap vendor	As per the rules
Shehera	3.1	Fresh Dry Waste (Highly Recyclable Materials)	RECYCLABLE PLASTIC WASTE TAKEN AWAY BY “Upcycle chakra ” FOR RECYCLE	As per the rules
Sojitra	1.64	Fresh Dry Waste (Highly Recyclable Materials)	RECYCLABLE PLASTIC WASTE TAKEN AWAY BY “Upcycle chakra ” FOR RECYCLE	Sent to dumpsite
Umreth	6	Fresh Dry Waste (Highly Recyclable Materials)	RECYCLABLE PLASTIC WASTE TAKEN AWAY BY “Upcycle chakra ” FOR RECYCLE	As per the rules
Vaghodiya	0	Nill	Nill	Nill
Amreli	2.5	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Amreli Nagarpalika savarkundla road behind gujcomasol amreli DUMPSITE
Babra	0.9	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Kariyana Road, Babra DUMPSITE
Bagasara	1	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	ADPUR ROAD ATALJI DUMP SITE
Chalala	0.358	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Sent to Dumpsite, Chalala
Damnagar	0.216	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE THASNSA ROAD DAMNAGAR
Jafrabad	1	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE, VADHERA ROAD, JAFARABAD

Lathi	1.3	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE, DUDHALA ROAD, LATHI
Rajula	1	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Dumpsite
Savarkundla	2.5	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Dumpsite
Gariadhar	0	Nill	Nill	Nill
Mahuva	12.6	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	As Per SWM 2016-Rule
Palitana	0.29	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Talaja Road Dumpsite
Sihor	0	Nill	Nill	Nill
Talaja	1.1	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Sent to Dumpsite sankadasar -1 Talaja
Vallabhipur	0.5	Fresh Dry Waste	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	kalyanpur road dumpsite - vallbhipur
Kodinar	3	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Dumpsite Majevadi, Una Highway Road, Kodinar
Sutrapada	0	Nill	Nill	Nill
Talala	0.84	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Dhareshwar Dumpsite
Una	6	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Una Dumpsite, Chanchakvad Road, Una
Veraval	7	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials	Survey No 467,468 and Bin Numbari

			send to Recycler and Other Rejects at Dumpsite	Talala Bypas road Dumpsite
Bantwa	0.35	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE-KUTIYANA ROAD, BANTWA
Chorvad	0.3	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE BANDAR VISTAR-CHORVAD
Keshod	2.31	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE – BADODAR ROAD, KESHOD
Manavadar	0.5	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE - BEHIND MAHADEVIYA TEMPLE MANAVADAR
Mangrol	1.305	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE BARA VISTAR-Mangrol
Vanthali	0.57	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	DUMPSITE MANAVADAR ROAD, VANTHALI
Visavadar	0.65	Fresh Dry Waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Dumpsite Satadhar Road
Dhari	0	Nill	Nill	Nill
Gondal	13	Fresh dry waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Disposal to Dumpsite, Vora kotda Road Dumpsite
Jetpur	4.315	Fresh dry waste (Recyclable Material)	(Glass, Paper, Card board & Metal) Recyclable Waste Taken away by Zero Waste Solution	Disposal to Dumpsite, Derdi Road Dumpsite, Jetpur Navagadh Nagarpalika
Dhoraji	7	Fresh dry waste (Segregated Materials)	(Glass, Paper, Card board & Metal, pet bottle etc) Taken away by ragpickers	Disposal to Dumpsite, old

				upleta road, dhoraji
Upleta	3	Fresh dry waste (Segregated Materials)	(Glass, Paper, Card board & Metal, pet bottle etc) Taken away by ragpickers	Disposal to Dumpsite, patanvav road
Jasdan	2.8	Fresh dry waste (Recyclable Material)	Plastic, Paper, Metal and other Recyclable Materials send to Recycler and Other Rejects at Dumpsite	Disposal to Dumpsite
Bhayavadar	1.8	Fresh dry waste (Recyclable Material)	(Plastic, pet bottles, paper, metal,etc)Taken By Local Kabadi wala given free	Disposal to Dumpsite, kolki Road Dumpsite
Wankaner	2.5	Fresh dry waste (Recyclable Material)	(Plastic, pet bottles, paper, metal, etc) taken by ragpickers	As Per SWM rule -2016
Halvad	1.5	Fresh dry waste (Segregated and Sorted Material)	(Plastic, Paper, Metal, bottle, etc)Taken By Local Kabadi wala & RagPickers also	Dispose to Dumpsite
Maliya-Miyana	1.3	Fresh dry waste (Segregated and Sorted Material)	(Plastic, Paper, Metal, bottle, etc) Taken By Local Kabadi wala given free & RagPickers also	Dispose to Dumpsite
Tankara	0	Nill	Nill	Nill
Dhrol	0	Nill	Nill	Nill
Jamjodhpur	0.5	Fresh dry waste (Segregated and Sorted Material)	(Plastic, Paper, Metal, bottle etc) Taken By Rag Pickers & Some time Local Kabadi wala also (given free)	Dispose to Dumpsite
Kalavad	0	Nill	Nill	Nill
Sikka	0	Nill	Nill	Nill
Okha	5	HIGHLY RECYCLABLE MATERIAL RECIEVED	(Plastic, Paper, Metal, bottle etc) GIVEN FOR FREE TO GPCB APPROVED RECYCLER AGENCIES	Dispose to Dumpsite
Dwarka	0	Nill	Nill	Nill
Khambhaliya	4	HIGHLY RECYCLABLE MATERIAL RECIEVED	(Plastic, Paper, Pet Bottle, Cloth, Cardboard etc.) Some of the recyclable waste is self-utilized by ULB for waste to wonder park and most of the waste is selling out to recycler.	Dispose to Dumpsite

Salaya	0	Nill	Nill	Nill
Bhanvad	0	Nill	Nill	Nill
Jamraval	0	Nill	Nill	Nill
Ranavav	0	Nill	Nill	Nill
Kutiyana	0	Nill	Nill	Nill
Bhuj	22	Fresh Dry Waste (Recyclable Material)	(Plastic, Paper, Pet bottle, Cloth, Cardboard, etc) Taken by Local Kabadi wala given free	Dispose to Dumpsite
Anjar	21	Fresh Dry Waste (Recyclable Material)	(Plastic, Paper, Pet bottle, Cloth, Cardboard, etc) Taken By Local Kabadi wala given free	Dispose to Dumpsite
Mandvi	0	Nill	Nill	Nill
Bhachau	0	Nill	Nill	Nill
Rapar	3	Fresh Dry Waste (Recyclable Material)	(Plastic, Paper, Pet bottle, Cloth, Cardboard, etc) RECYCLABLE PLASTIC WASTE HAS BEEN GIVEN TO SCRAP VENDOR	DUMPSITE RAPAR
Mundra borai	0	Nill	Nill	Nill
Nakhtrana	0	Nill	Nill	Nill
Total	**3935.92**	**-**	**-**	**-**

Annexure 5(SWM): ULB-wise details of Other Processing Plant given

	Other Processing (Bio-methanation Plant)			
ULB Name	**a) Quantity of inputs**	**b) Quality of inputs**	**c) Products and it's utilization**	**d) Residue / Reject management**
Surat	50	Bio-degradable waste	The Biogas Plant converts organic waste into biogas and organic fertilizer	Processing rejects sent to Sanitary Landfill
Vadodara	350	Bio-degradable waste	Bio-Gas, Fermented organic Manure	Processing rejects sent to Sanitary Landfill
Gandhinagar	2.3	Organic waste	Organic waste utilized for generating gas by processing at Bio-methanation and using it in generator for transformation into electricity (electricity used on site at plant premises	Sent to Dumpsite
Junagadh	15	Bio-degradable waste	Bio-Gas using & used in generator for transformation into electricity	Processing rejects sent to Sanitary Landfill
Total	**417.3**	**-**	**-**	**-**

Annexure 6(SWM): ULB-wise details of gap in processing & time bound plan to fill up the gap

ULB Name	Gap in Waste generation and Processing (TPD)	Time bound plan to fill up the Gap
Junagadh	30	• Tender floated by Junagadh Municipal Corporation for development of Waste Plant. • Tentative completion date 31.03.2026.
Surendranagar	70	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued Date: 22/11/2024 • Expected date of work completion: 31/12/2025
Mahesana	21	• Fresh waste plant is under construction. work order was given on 12/03/2024. • Stipulated work completion date is 15/10/2025)
Bareja	2.8	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 04-05-2025 • Expected date of work completion: 31-03-2026
Bavla	7.0	• Tender floated by ULB 3rd times, Tender live. • Expected date of work completion: 31-07-2026
Dhandhuka	1.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 08-08-2024. • Expected date of work completion: 30-08-2025
Dholka	9.4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 01-10-2024. • Expected date of work completion: 30-09-2025
Sanand	5.9	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 19-11-2024. • Expected date of work completion: 30-08-2025
Botad	32.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 01-10-2024. • Expected date of work completion: 31-12-2025
Dakor	1.9	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-09-2024. • Expected date of work completion: 31-03-2026
Kapadwanj	15.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 02-12-2024. • Expected date of work completion: 30-09-2025
Kathlal	3.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 14-05-2025. • Expected date of work completion: 31-01-2026
Kheda	3.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 26-11-2024.

		• Expected date of work completion: 31-03-2026
Mahemdabad	7.4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 30-09-2024. • Expected date of work completion: 30-09-2025
Mahudha	0.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 01-12-2024. • Expected date of work completion: 30-09-2025
Thasra	0.3	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 28-10-2024. • Expected date of work completion: 30-09-2025
Chotila	7.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 08-07-2025. • Expected date of work completion: 31-01-2026
Limbdi	7.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 11-10-2024. • Expected date of work completion: 31-10-2025
Dhrangadhra	11.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 13-08-2024. • Expected date of work completion: 30-09-2025
Patdi	8.0	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 30-08-2024. • Expected date of work completion: 30-09-2025
Thangadh	0.7	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 08-07-2025. • Expected date of work completion: 31-07-2026
Bayad	1.75	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 07-01-2025. • Expected date of work completion: 31-12-2025
Chanasma	4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-11-2024. • Expected date of work completion: 31-12-2025
Dhanera	5.04	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 13-06-2025. • Expected date of work completion: 13-06-2026
Harij	3	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 06-01-2025. • Expected date of work completion: 31-12-2025
Kalol	13	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 21-01-2025. • Expected date of work completion: 31-12-2025
Kheralu	3.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 02-07-2024. • Expected date of work completion: 31-12-2025

Modasa	14.00	• Agency Selected by ULB, but due to land issued Fresh waste plant construction stopped, • Expected date of work completion: 31-03-2026
Radhanpur	6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 31-12-2024. • Expected date of work completion: 31-12-2025
Thara	4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 24-09-2024. • Expected date of work completion: 26-09-2025
Visnagar	3	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 07-10-2024. • Expected date of work completion: 31-12-2025
Bharuch	91	• Agency Selected by ULB, but due to land issued, • Expected date of work completion: 31-07-2026
Amod	8.05	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 13-11-2024. • Expected date of work completion: 12-11-2025
Jambusar	15	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 14-11-2024. • Expected date of work completion: 31-12-2025
Ankleswar	37.6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 07-11-2024. • Expected date of work completion: 20-08-2025
Rajpipla	12.1	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 27-01-2025. • Expected date of work completion: 31-12-2025
Bilimora	14	• Expected date of work completion: 31-03-2026
Tarsadi	13.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 01-03-2025. • Expected date of work completion: 30-12-2025
Mandvi	6.7	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 20-01-2025. • Expected date of work completion: 31-12-2025
Umargam	2.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 04-02-2025. • Expected date of work completion: 03-02-2026
Valsad	40.63	• Fresh waste plant tender is live (3rd attempt), • Expected date of work completion: 31-07-2026
Pardi	4.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 19-10-2024. • Expected date of work completion: 31-12-2025
Anklav	3	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 22-10-2024.

		• Expected date of work completion: 31-12-2025
Borsad	21.1	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 16-06-2024. • Expected date of work completion: 31-10-2025
Jhalod	9	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 09-06-2025. • Expected date of work completion: 31-12-2025
Vaghodiya	8.2	• Recently newly formed Nagarpalika. • Expected date of work completion: 31-07-2026
Amreli	63.5	• Agency Selected by ULB, Fresh waste plant is yet to be started, Expected date of work completion: 31-03-2026
Babra	0.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 17-01-2025. • Expected date of work completion: 16-01-2026
Bagasara	5.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 10-12-2024. • Expected date of work completion: 10-09-2025
Chalala	1.65	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 17-12-2024. • Expected date of work completion: 31-12-2025
Damnagar	2.16	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 10-06-2024. • Expected date of work completion: 31-12-2025
Lathi	1.15	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 06-12-2024. • Expected date of work completion: 06-12-2025
Rajula	3.34	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 13-01-2025. • Expected date of work completion: 12-01-2026
Savarkundla	10	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 10-06-2025. • Expected date of work completion: 12-01-2026
Gariadhar	6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 19-11-2024. • Expected date of work completion: 18-11-2025
Mahuva	3	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: Aug 2025. • Expected date of work completion: 31-01-2026
Palitana	12.91	• Fresh waste plant tender is live, Expected date of work completion: 31-03-2026

Sihor	14	• Fresh waste plant tender is live, Expected date of work completion: 31-03-2026
Talaja	5.7	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 04-12-2024. • Expected date of work completion: 31-12-2025
Vallabhipur	3.1	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 06-02-2025. • Expected date of work completion: 06-02-2026
Kodinar	1.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 30-11-2024. • Expected date of work completion: 30-05-2026
Sutrapada	7.19	• Expected date of work completion: 31-03-2026
Talala	3.83	• Expected date of work completion: 31-03-2026
Una	14	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-02-2025. • Expected date of work completion: 31-03-2026
Veraval	46	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-07-2025. • Expected date of work completion: 31-07-2026
Bantwa	1.65	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 05-10-2024. • Expected date of work completion: 04-10-2025
Chorvad	1.7	• Agency Selected by ULB, Work Order issued date: 12-12-2024, • Expected date of work completion: 31-03-2026
Keshod	16.39	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-03-2025. • Expected date of work completion: 31-12-2025
Manavadar	2.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25-03-2025. • Expected date of work completion: 31-12-2025
Mangrol	12.57	• Expected date of work completion: 31-03-2026
Vanthali	3.33	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 26-11-2024. • Expected date of work completion: 31-12-2025
Visavadar	5.22	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 09-12-2024. • Expected date of work completion: 31-03-2026
Dhari	6	• Recently newly formed Nagarpalika. • Expected date of work completion: 31-07-2026
Gondal	9	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 19-03-2025.

		• Expected date of work completion: 31-12-2025
Dhoraji	8	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 09/12/2024. • Expected date of work completion: 31/12/2025
Upleta	16	• Expected date of work completion: 31/12/2025
Jasdan	6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 21/11/2024. • Expected date of work completion: 31/12/2025
Bhayavadar	3.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 17/06/2025. • Expected date of work completion: 18/06/2026
vankaner	3.4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 23/12/2024. • Expected date of work completion: 27/12/2025.
Halvad	3.4	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 12/07/2024. • Expected date of work completion: 31/12/2025.
Maliya-Miyana	3.2	• Agency Selected by ULB, Expected date of work completion: 31/12/2025.
Tankara	4.4	• Recently newly formed Nagarpalika. • Expected date of work completion: 31-03-2026
Dhrol	7.2	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 25/03/2025. • Expected date of work completion: 30/03/2026.
Jamjodhpur	3.77	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 22/11/2024. • Expected date of work completion: 22/11/2025
Kalavad	9.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 28/04/2025. • Expected date of work completion: 30/04/2026
Sikka	10	• Expected date of work completion: 30/06/2026
Okha	21	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 15/04/2025. • Expected date of work completion: 31/12/2025
Dwarka	20	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 20/03/2024. • Expected date of work completion: 31/12/2025
Khambhaliya	2.278	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 24/03/2025. • Expected date of work completion: 31/12/2025
Salaya	8	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 08/01/2025.

		• Expected date of work completion: 31/12/2025
Bhanvad	5	• Agency Selected by ULB, Fresh waste plant is under construction, • Expected date of work completion: 31/12/2025
Jamraval	3.6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 14/11/2024. • Expected date of work completion: 14/11/2025
Ranavav	6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 18/01/2025. • Expected date of work completion: 31/12/2025
Kutiyana	3.5	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 16/06/2025. • Expected date of work completion: 31/12/2025
Mandvi	20	• Fresh waste plant tender is live (4th attempt). • Expected date of work completion: 30/06/2026
Bhachau	13	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 11/12/2024. • Expected date of work completion: 31/12/2025
Rapar	4.6	• Agency Selected by ULB, Fresh waste plant is under construction, Work Order issued date: 11/11/2024. • Expected date of work completion: 31/12/2025
Mundra borai	11.5	• Expected date of work completion: 31/12/2025
Nakhtrana	2.5	• Expected date of work completion: 31/12/2025
Total	**1050 MT**	**-**

Annexure 7(SWM): ULB-wise details of Legacy waste

ULB Name	1) Number of legacy waste dump sites	2) Quantity of legacy waste reported on 17.10.2024 (MT)	3) Present quantity of legacy waste (MT)	4) Daily legacy waste being added as unprocessed waste (MT)	5) Quantification and utilization of out of Bioremediation and bio mining				6) Gap in legacy waste remediation and time bound plan (MT)
					Digested material (MT)	Plastics (MT)	Rubber (MT)	Inerts and others (MT)	
Surat	1	2519450 (2519450 MT remediated)	0	0	Nill	1327 MT (Alternative Fuel / Authorized Recycler in the company)	Nill	23,23,446 MT (At the C&D Waste Facility, Sanitary landfill site)	Nill
Vadodara	1	800000 (800000 remediated)	0	0	4,75,578 MT (Used as soil enricher or landfill cover. Land reclamation and landscaping. Can be co-processed in cement kilns.)	149168 MT (Sent to authorized plastic recyclers. Co-processing in cement kilns. Converted into plastic pellets for reuse in manufacturing.)	1.25 MT (Sent to authorized rubber recyclers)	1,07,390 MT (Used in construction activities such as road base/filling in low-lying areas Landfill site leveling and layering.)	Nill
Gandhinagar	1	185000 (185000 MT remediated)	50000	0	1,25,337 MT (Self-Utilized)	22,663 MT (Sent to Cement Industries by agency for Waste to Energy)	Nill	37,000 MT (Sent to Dumpsite)	50,000 MT (Work ongoing, to be completed by 31-10-2025.)
Ahmedabad	1	12500000 (12500000 MT remediated)	0	0	5,00,000 MT (Horticulture/Agriculture - Provided free to farmers)	27,20,823 MT (Given to Waste to Energy Plant and RDF Processing Facility (GGEPIL)	Nill	92,79,177 MT (C&D waste and Inert have been utilized for filling low-lying areas such as parking plots, and open spaces within AMC Plots, and has also been used as filling	Nill

								material in major projects like the Sabarmati Riverfront, Gandhi Ashram, and the Dholera Expressway.)	
Bhavnagar	1	5,00,000 (500000 MT remediated)	0	0	1,35,471 MT (Gardening + Self Utilization)	1,49,796 MT (Send to Cement Factory and recycler)	1.32 MT (Given to rag picker)	2,14,730 MT (C & D Waste material used for low level filling and making block, Metal used for making Sculputre and waste to best park)	Nill
Rajkot	1	2079000 (1329000 0 MT remediated)	750000	0	6,12,500 MT (RMC's garden, Parks & Miyawaki forest)	187,500 MT (Sale to recycler agencies)	1.78 MT (Sale to recycler agencies)	125,000 MT (Send to sanitary landfill site)	7,50,000 MT (Tentative work completion date: 31/01/2026)
Jamnagar	1	178000 (141000 MT remediated)	37000	0	23,548 MT (Farm & Garden)	2460 MT (Waste to Energy Plant Jamnagar)	280 MT (Waste to Wonder)	21712 MT (Low Laying Area)	37000 MT (Work ongoing tentative completion date : 30.10.2025)
Junagadh	1	586508 (586508 MT remediated)	129000	30	322454 MT (Gardening work)	83971 MT (Sent to Cement Industries)	-	104061 MT (Low Laying Area)	129000 MT (Tentative work completion : 31/01/2026)
Anand	1	460811 (460811 MT remediated)	0	0	152359 MT (Utilize in Agriculture land and low line area)	69121 MT (Sent to Cement Industries)	Nill	239331 MT (Low lying area)	Nill
Nadiad	1	289275 (289275 MT remediated)	0	0	222509 MT (Utilize in Agriculture land and low line area)	26660 MT (Sent to Cement Factory)	Nill	40106 MT (C & D Waste Used in Constrution Activity)	Nill

Surendranagar	2	394198 (211200 MT remediated)	182998	70	42240 MT (Utilize in Construction Activity)	31680 MT (Sent to Cement Factory)	Nill	137280 MT (C&D Waste used in filling low line areas of the ULB)	182998 MT (Tentative work completion date: 31/12/2025)
Mahesana	1	375500 (245300 MT remediated)	130200	21	2453 MT (Utilized in gardening and agriculture land)	9812 MT (Sent to Cement Factory)	Nill	171710 MT (Used in filling low line areas.)	130200 MT (Tentative work completion date 31/10/2025)
Morbi	1	559757 (402804.18 remediated)	156952.82	0	191231.08 MT (Agricultural purpose)	64989 MT (Sent to Cement Factory)	Nill	146584.1 MT (Low lying area)	156952.82 MT (Work ongoing, tentative completion date: 31/10/2025)
Porbandar	1	489500 (406500 MT remediated)	83000	0	231797 MT (Utilize in Agriculture land)	11354 MT (Sent to Cement Factory)	241 MT (Self utilized)	161994 MT (Filling Low Lying Area)	83000 MT (Tentative work completion date: 31/12/2025)
Gandhidham	1	463305 (407305 MT remediated)	56000	0	4873 MT (Agricultural purpose)	3126 MT (Sent to Cement Factory)	60 MT (Self utilized by ULB)	399246 MT (Filling Low Lying Area)	56000 MT (Tentative work completion date: 31/08/2025)
Vapi	1	159600 (159600 MT remediated)	0	0	8333 MT (Utilize in Agriculture land)	37875 MT (Send to Cement Factory - Ultratac Dhar Gandhinagar Waste fuels)	Nill	105292 MT (Low lying area)	Nill
Navsari	1	140000 (140000 MT remediated)	0	0	14000 MT (Utilize in Agriculture land)	4060 MT (Sent to Cement Industries)	140 MT	121800 MT (Filling Low Lying Area)	Nill
Bareja	1	13700 (12000 MT Remediated)	1700	2.8	6120 MT (Utilize in Agriculture land)	3480 MT (Sent to Cement Industries)	Nill	2400 MT (Filling Low Lying Area)	1700 MT (Tentative work completion date: 31-12-2025)
Barvala	1	2450 (750 MT Remediated)	1700	0	383 MT (Utilize in Agriculture land)	218 MT (Sent to Cement Industries)	Nill	150 MT (Filling Low Lying Area)	1700 MT (Tentative work completion date: 31-08-2025)
Bavla	1	32790 (13566	19224	7	6919 MT	3934 MT	Nill	2713 MT	19224 MT

		MT Remediated)			(Utilize in Agriculture land)	(Sent to Cement Industries)		(Filling Low Lying Area)	(Tentative work completion date: 31-12-2025)
Botad	1	116081 (86081 MT Remediated)	30000	32.5	43901 MT (Utilize in Agriculture land)	(24963 Sent to Cement Industries)	Nill	17216 MT (Filling Low Lying Area)	30000 MT (Tentative work completion date: 31-12-2025)
Chakalasi	1	250 (250 MT Remediated)	0	0	128 MT (Utilize in Agriculture land)	73 MT (Sent to Cement Industries)	Nill	50 MT (Filling Low Lying Area)	Nill
Chotila	1	8924 (8487 MT Remediated)	450	7	4322 MT (Utilize in Agriculture land)	2457 MT (Sent to Cement Industries)	Nill	1695 MT (Filling Low Lying Area)	450 MT (Tentative work completion date: 31-12-2025)
Dakor	1	3720 (2520 MT Remediated)	1200	1.9	1285 MT (Utilize in Agriculture land)	731 MT (Sent to Cement Industries)	Nill	504 MT (Filling Low Lying Area)	1200 MT (Tentative work completion date: 31-12-2025)
Dhandhuka	1	13000 (4500 MT Remediated)	8500	1.2	2295 MT (Utilize in Agriculture land)	1305 MT (Sent to Cement Industries)	Nill	900 MT (Filling Low Lying Area)	8500 MT (Tentative work completion date: 31-12-2025)
Dholka	1	29500 (20000 MT Remediated)	9500	9.4	10200 MT (Utilize in Agriculture land)	5800 MT (Sent to Cement Industries)	Nill	4000 MT (Filling Low Lying Area)	9500 MT (Tentative work completion date: 31-12-2025)
Dhrangadhra	1	87272 (29136 MT Remediated)	58136	11	14859 MT (Utilize in Agriculture land)	8449 MT (Sent to Cement Industries)	Nill	5827 MT (Filling Low Lying Area)	58136 MT (Tentative work completion date: 31-12-2025)
Gadhada	1	17000 (17000 MT Remediated)	0	0	8670 MT (Utilize in Agriculture land)	4930 MT (Sent to Cement Industries)	Nill	3400 MT (Filling Low Lying Area)	Nill
Kanjari	1	6430 (5320 MT Remediated)	1200	0	2667 MT (Utilize in Agriculture land)	1517 MT (Sent to Cement Industries)	Nill	1046 MT (Filling Low Lying Area)	1200 MT (Tentative work completion date: 31-12-2025)
Kapadwanj	1	53785 (41785 MT Remediated)	12000	15	21310 MT (Utilize in Agriculture land)	12118 MT (Sent to Cement Industries)	Nill	8357 MT (Filling Low Lying Area)	12000 MT (Tentative work completion date: 31-12-2025)

Kathlal	1	250 (250 MT Remediated)	0	3	128 MT (Utilize in Agriculture land)	73 MT (Sent to Cement Industries)	Nill	50 MT (Filling Low Lying Area)	Nill
Kheda	1	4670 (3212 MT Remediated)	1458	3.5	1638 MT (Utilize in Agriculture land)	931 MT (Sent to Cement Industries)	Nill	642 MT (Filling Low Lying Area)	1458 (Tentative work completion date: 31-12-2025)
Limbdi	1	16200 (15000 MT Remediated)	1200	7	7650 MT (Utilize in Agriculture land)	4350 MT (Sent to Cement Industries)	Nill	3000 MT (Filling Low Lying Area)	1200 (Tentative work completion date: 31-12-2025)
Mahemdabad	1	5040 (3600 MT Remediated)	1440	7.4	1836 MT (Utilize in Agriculture land)	1044 MT (Sent to Cement Industries)	Nill	720 MT (Filling Low Lying Area)	1440 (Tentative work completion date: 31-12-2025)
Mahudha	1	4228 (3253 MT Remediated)	975	0.2	1659 MT (Utilize in Agriculture land)	943 MT (Sent to Cement Industries)	Nill	651 MT (Filling Low Lying Area)	975 MT (Tentative work completion date: 31-10-2025)
Patdi	2	21939 (21939 MT Remediated)	0	8	11189 MT (Utilize in Agriculture land)	6362 MT (Sent to Cement Industries)	Nill	4388 MT (Filling Low Lying Area)	Nill
Sanand	1	84686 (84686 MT Remediated)	0	5.9	43190 MT (Utilize in Agriculture land)	24559 MT (Sent to Cement Industries)	Nill	16937 MT (Filling Low Lying Area)	Nill
Thangadh	1	20027 (5027 MT Remediated)	15000	0.7	2564 MT (Utilize in Agriculture land)	1458 MT (Sent to Cement Industries)	Nill	1005 MT (Filling Low Lying Area)	15000 MT (Tentative work completion date: 31-10-2025)
Thasra	1	5475 (4275 MT Remediated)	1200	0.3	2180 MT (Utilize in Agriculture land)	1240 MT (Sent to Cement Industries)	Nill	855 MT (Filling Low Lying Area)	1200 MT (Tentative work completion date: 31-10-2025)
Viramgam	1	86467 (86467 MT Remediated)	0	0	44098 MT (Utilize in Agriculture land)	25075 MT (Sent to Cement Industries)	Nill	17293 MT (Filling Low Lying Area)	Nill
Deesa	1	266354 (266354 MT	0	0	9000 MT (Self-Utilize by	77206 MT (CEMENT INDUSTRIES)	Nill	175147 MT (LOW LYING AREA)	Nill

		remediated)			ULB Garden)				
Himmatnagar	1	95397 (95397 MT remediated)	0	0	Nill	17900 MT (Supply to BA Prerna Clean earth PVT LTD)	Nill	75987 MT (LOW LYING AREA)	Nill
Khedbrahma	1	1500 (1500 MT remediated)	0	0	Nill	350 MT BA (Supply to BA Prerna Clean earth PVT LTD)	Nill	1150 MT (LOW LYING AREA)	Nill
Mansa_G	1	68855.35 (63855 MT remediated)	5000	0	Nill	15994 MT (Supply to Recycling Plant)	Nill	47860 MT (LOW LYING AREA)	5000 MT (Tentative work completion date: 31-12-2025)
Talod	1	30251 (29251 MT remediated)	1000	0	2500 MT (Self-Utilize by ULB Garden)	6000 MT (CEMENT INDUSTRIES)	Nill	17400 MT (LOW LYING AREA)	1000 MT (Tentative work completion date: 31-12-2025)
Bayad	1	19500 (10500 MT remediated)	9000	1.75	Nill	2000 MT (CEMENT INDUSTRIES)	Nill	8500 MT (LOW LYING AREA)	9000 MT (Tentative work completion date: 31-12-2025)
Bhabhar	1	30359 (30359 MT remediated)	0	0	7500 MT (Self-Utilize by ULB Garden)	9880 MT (CEMENT INDUSTRIES)	Nill	12979 MT (LOW LYING AREA)	Nill
Chanasma	1	25496 (18796 MT remediated)	6700	4	Nill	3151 MT (CEMENT INDUSTRIES)	Nill	12714 (LOW LYING AREA)	6700 MT (Tentative work completion date: 31-12-2025)
Dahegam	1	56837 (19317 MT remediated)	37520	0	Nill	3291.33 MT (CEMENT INDUSTRIES)	Nill	16025.67 MT (LOW LYING AREA)	37520 MT (Tentative work completion date: 31-12-2025)
Dhanera	1	9600 (7500 MT remediated)	2100	5.04	1500 MT (Self-Utilize by ULB Garden)	2500 MT (CEMENT INDUSTRIES)	Nill	3500 MT (LOW LYING AREA)	2100 MT (Tentative work completion date: 31-12-2025)

Harij	1	20000 (14000 MT remediated)	6000	3	1500 MT (Self-Utilize by ULB Garden)	2347 MT (CEMENT INDUSTRIES)	Nill	9533 MT (LOW LYING AREA)	6000 MT (Tentative work completion date: 31-12-2025)
Idar	1	41,000 (41000 MT remediated)	0	0	3500 MT (Self-Utilize by ULB Garden)	10500 MT (Supply to BA Prerna Clean earth PVT LTD)	Nill	26450 MT (LOW LYING AREA)	Nill
Kalol	1	271000 (223723 MT remediated)	47277	13	20450 MT (Self-Utilize by ULB Garden)	52700 MT (Waste to Energy plant)	Nill	149980 MT (LOW LYING AREA)	47277 MT (Tentative work completion date: 31-12-2025)
Kheralu	1	13000 (5000 MT remediated)	8000	3.5	800 MT (Self-Utilize by ULB Garden)	850 MT (CEMENT INDUSTRIES)	Nill	3250 MT (LOW LYING AREA)	8000 MT (Tentative work completion date: 31-12-2025)
Modasa	1	157253.7 (134253.7 MT remediated)	23000	14	Nill	13425 MT (CEMENT INDUSTRIES)	Nill	120826 MT (LOW LYING AREA)	23000 MT (Tentative work completion date: 31-12-2025)
Palanpur	1	362000 (262000 MT remediated)	100000	0	Nill	13100 MT (CEMENT INDUSTRIES)	Nill	248900 MT (LOW LYING AREA)	100000 MT (Tentative work completion date: 31-12-2025)
PATAN_GU	1	295620 (216960 MT remediated)	78660	0	69913 MT (Self-Utilize by ULB Garden)	17152 MT (CEMENT INDUSTRIES)	Nill	128499 MT (LOW LYING AREA)	78660 MT (Tentative work completion date: 31-12-2025)
Prantij	1	13349.45 (11349.45 MT remediated)	2000	0	Nill	2400 MT (Supply to Watair envisol recycling solution)	Nill	8949 MT (LOW LYING AREA)	2000 MT (Tentative work completion date: 31-12-2025)
Radhanpur	1	24500 (20000 MT remediated)	4500	6	Nill	2500 MT (CEMENT INDUSTRIES)	Nill	17500 MT (LOW LYING AREA)	4500 MT (Tentative work completion date: 31-12-2025)
Siddhpur	1	31000	7500	0	9546 MT	5760 MT	Nill	7694 MT	7500 MT

		(23500 MT remediated)			(Self-Utilize by ULB Garden)	(CEMENT INDUSTRIES)		(LOW LYING AREA)	(Tentative work completion date: 31-12-2025)
Thara	1	10118 (8618 MT remediated)	1500	4	Nill	758 MT (Supply to Aadhar Enterprise)	Nill	7860 MT (LOW LYING AREA)	1500 MT (Tentative work completion date: 31-12-2025)
Tharad	1	86148 (84298 MT remediated)	1850	0	18348 MT (Self-Utilize by ULB Garden)	26022 MT (Supply to Aadhar Enterprise)	Nill	36696 MT (LOW LYING AREA)	1850 MT (Tentative work completion date: 31-12-2025)
Vadali	1	12109.44 (12109.44 MT remediated)	0	0	Nill	3572 MT (Supply to BA Prerna Clean earth PVT LTD)	Nill	8337.44 MT (LOW LYING AREA)	Nill
Vijapur	1	30451 (23451 MT remediated)	7000	0	Nill	3741 MT (Supply to BA Prerna Clean earth PVT LTD)	Nill	19710 MT (LOW LYING AREA)	7000 MT (Tentative work completion date: 31-12-2025)
Visnagar	1	23630 (23630 MT remediated)	0	3	Nill	826 MT (Supply to Waste Fuels Limited)	Nill	22804 MT (LOW LYING AREA)	Nill
Kadi	1	104278 (39278 MT remediated)	65000	0	8750 MT (Self-Utilize by ULB Garden)	7420 MT (AADHAR ENTERPRISE)	Nill	21200 MT (LOW LYING AREA)	65000 MT (Tentative work completion date: 31-12-2025)
Unjha	1	35450 (29950 MT remediated)	5500	0	1970 MT (Self-Utilize by ULB Garden)	5450 MT (Supply BA Prerna Clean earth PVT LTD)	Nill	21700 MT (LOW LYING AREA)	5500 MT (Tentative work completion date: 31-12-2025)
Vadnagar	1	8300 (8300 MT remediated)	0	0	Nill	1436.4 MT (Supply to BA Prerna Clean earth PVT LTD)	Nill	6863.6 MT (LOW LYING AREA)	Nill
Bharuch	1	251511 (187805 completed)	59668	91	16068 MT (Sold by agency)	Nill	Nill	162768 MT (LOW LYING AREA)	59668 MT (Tentative work completion

									date: 27/10/2025)
Amod	1	7000 (5500 Remediated)	5177	8.05	Nill	Nill	Nill	5500 MT (LOW LYING AREA)	5177 MT (Tentative work completion date: 31/12/2025)
Jambusar	1	16341 (12741 Remediated)	5290	15	7481 MT (Agriculture use, Barren Land purpose)	2830 MT (RDF Material supply to Cement Industry)	Nill	2430 MT (Low laying area, Road Filling)	5290 MT (Tentative work completion date: 30/11/2025)
Ankleswar	1	133500 (133500 Remediated)	27078	37.6	Nill	20025 MT (Supply to Cement industry)	4005 MT (Sold by Nagarpalika)	109470 MT (Law Lying area Barren land ,C & D waste : Construction activity)	27078 MT (Tentative work completion date: 31/10/2025)
Rajpipla	1	12870 (11000 Remediated)	9434	12.1	Nill	Nill	Nill	11000 MT (Low laying area, Road Filling)	9434 (Tentative work completion date:30/11/2025)
Bilimora	1	5050 (Remediated 1500 MT)	7089.37	14	Nill	Nill	Nill	1550 MT (Filling in low laying area)	7089.37 MT (Tentative work completion date:31/12/2025)
Gandevi	1	9746 (Remediated 4746 MT)	6231	0	954 MT (Self-Utilize by ULB Garden)	Nill	Nill	3792 MT (Filling in low laying area)	6231 (Tentative work completion date:27/10/2025)
Kadodara	1	500 (Remediated 500 MT)	0	0	Nill	Nill	Nill	500 MT (Filling in low laying area)	Nill
Tarsadi	1	8000 (Remediated 8000 MT)	9886	13.2	Nill	Nill	Nill	6000 MT (Filling in low laying area)	9886 MT (Tentative work completion date:30/10/2025)
Mandvi	1	35511 (32311 MT remediated)	13213	6.7	Nill	Nill	Nill	32311 MT (Filling in low laying area)	13213 MT (Tentative work completion date:30/11/2025)
Bardoli	1	62712 (56712 MT remediated)	14771	0	17014.1 MT (Used Bio Soil in Barren Land)	36862.3 MT (RDF Material supply to Cement Industry)	Nill	2835.6 MT (Scrap Dolphin Traders)	14771 MT (Tentative work completion date:30/11/2025)

Vyara	1	42730 (35000 MT remediated)	17212.05	0	14322 MT (Used for Agriculture purpose)	Nill	Nill	20678 MT (Filling in low laying area)	17212.05 (Tentative work completion date:31/12/2025)
Songadh	1	15000 (15000 MT remediated)	0	0	8848 MT (Used for Agriculture purpose)	2377 MT (RDF Material supply to Cement Industry)	Nill	3775 MT (Low Lying Areas)	Nill
Umargam	1	13047 (10517 MT remediated)	2530	2.5	Nill	Nill	Nill	10,517 MT (Low Lying Areas)	2530 MT (Tentative work completion date:31/08/2025
Valsad	1	40000 (40000 MT Remediated)	105343.3	40.63	22018.3 MT (Used for Agriculture purpose)	856.272 MT (Supply to Shree Enterprise – Kamrej)	Nill	17125.4 MT (Low Lying Areas)	105343.3 MT (Tentative work completion date:31/12/2025
Pardi	1	12192 (11082 MT remediated)	4637	4.2	1400 MT (Used for Agriculture purpose)	Nill	Nill	7282 MT (Low Lying Areas)	4637 MT (Tentative work completion date:31/12/2025)
Dharampur	1	18070 (16242 MT remediated)	7130	0	6641 MT (Used for Agriculture purpose)	2404.5 MT (Supply to Cement Industry)	Nill	2404.5 MT 1030.5 MT (Inerts) Low Lying Area & 1374 MT (C&D) Construction & Demolition Waste Processing Facilities	7130 MT (Tentative work completion date:30/11/2025)
Anklav	1	1350 (1210 Remediated)	140	3	Nill	Nill	Nill	1152 (1. (Inert Waste) 156 Low Lying Area 2. (RDF) 264 Other Industry 3. (Bio Soil) 684 Agriculture,Barren Land 4. (C&D Wate) 48 Construction Activities)	140 (Tentative work completion date 31/12/2025)
Balasinor	1	15462 (11462	4000	0	Nill	1700 Cement Industry	Nill	9762 (1. (inerts) 1500-Low Lying	4000(Tentative work completion

		Remediated)				(RDF Material)		Areas,road fill 2. (soil) 6212-agriculture, barren land 3.(C&D waste)1500-construction activites 4. (others) 200-Recycling Materials 5. (Metal) 350-Filling Law lying areas)	date 31/10/2025)
Boriavi	1	22432 (22392 Remediated)	40	0	Nill	3639.5 Cement Industry (RDF Material)	Nill	18,752.50 (1. Bio soils/Soil enricher - 12994.480 used in Agriculture 2. C&D Waste - 214.080 used in Construction & Demolition waste Processing Facilities)	40 (Tentative work completion date 30/11/2025)
Borsad	1	1,11,360 (Remediated)	0	21.1	Nill	16704 (RDF Processing Industries)	Nill	94656 (Filling Low Laying Area)	Nill
Chhota Udaipur	1	44704.61 (Remediated)	0	0	15,681.93 (agriculture,and low lying areas)	5811.5915 (RDF Processing Industries)	Nill	23211.088 (Filling Low Laying Area)	Nill
Dabhoi	1	29898 (28098 Remediated)	1800	0	16450 (agriculture,and low lying areas)	4214 (RDF Processing Industries)	1100 (RDF Processing Industries)	6330 (Sent to scientific landfill Site)	1800MT (Tentative work completion date 30/09/2025)
Dahod	1	174000 (170000 Remediated)	4000	0	123371.1 Bio Soil (New Fire Building site land Filling)	5264.3 (RDF send to Cement Factory)	Nill	32120.12 ((Inerts,C&D)New Fire Building site land Filling)	4000 (Tentative work completion date 10/09/2025)
Devgadbaria	1	21400 (Remediated)	0	0	Nill	1555.21 (The.Tras.Co.(Vikram Cement Works)P.O. Khor,Dist-Nimch./ Ambuja Cement Ltd.At.P.O. Upstream,T	Nill	19844.686 ((1) 1804.786 Low Lying Areas ,(2) 17922 Agriculture, barren land, (3) 117.9 construction activites)	Nill

						a.Korpana, Dist-Chandrapura)			
Godhra	1	48000(Remediated)	0	0	26400 (Bio soil)	7200 (Cement industries)	2400 (RDF Processing Industries)	12000 (Filling Low Laying Area)	Nill
Halol	1	131250 (96250 Remediated)	35000	0	42567 (Barren Labnd)	31886 (Cement Industry (RDF Material))	Nill	21067 (Inert-9652, Landfill, C&D-9570, Road and pot holes, Others-1845, scrap vendors & informal waste pickers)	35000 (Tentative work completion date 31/12/2025)
Jhalod	1	42511 (25511 Remediated)	17000	9	Nill	4380 (Cement Industry (RDF Material))	Nill	21130 (1.(inerts)3080-Low Lying Ares, 2.(Bio soils/Soil enricher)17030-Agricultur and Barren Land 3.(C&D Waste)1020-Construction Activities)	17000 (Tentative work completion date 31/10/2025)
Kaalol (Panch Mahals)	1	66776.57 (48976.57 Remediated)	17800	0	Nill	8326.169 (SIDDHNATH ENTERPRISE)	Nill	40649.77 (1. (inerts) 12244.142 Low Lying Areas, road fill 2. (soil) 19100.862 agriculture 3. (C&D waste)489.765 construction activities 4. (others) 8815 industry)	17800 (Tentative work completion date 31/12/2025)
Karjan	1	2239 (1295 Remediated)	944	0	777 (Bio Soil)	144 (RDF Processing Industries)	38 (RDF Processing Ind.)	336 (Inert, C&D) New Fire Building site land Filling)	944 (Tentative work completion date 31/08/2025)
Khambhat	1	99200 (78200 Remediated)	21000	0	70044 (Barren Labnd)	5940 (CEMENT INDUSTRY)	Nill	2216 (Inert, C&D) New Fire Building site land Filling)	21000 (Tentative work completion date 31/10/2025)
Lunawada	1	73899 (59399 Remediated)	14500	0	Nill	596.74 (SIDDHNATH ENTERPRISE)	Nill	58802.26 (Low Lying Areas, road fill)	14500(Tentative work completion date 31/12/2025)

Ode	1	100 (50 Remediated)	50	0	Nill	Nill	Nill	50 (Sent to Anand corporation Processing plant Site)	50 (Tentative work completion date 31/11/2025)
Padra	1	26222 (22030 MT Remediated)	4192	0	Nill	4000 (CEMENT INDUSTRY)	Nill	18000 (1. (inerts) 3000 Low Lying Areas, road fill 2. (soil) 10000 agriculture 3. (C&D waste)4000 construction activities 4. (others)1000 industry)	4192 (Tentative work completion date 30/09/2025)
PETLAD	1	56378 (45878 MT remediated)	10500	0	26926 (Bio Soil)	6731 (For RDF Processing Industries)	1795 (RDF Processing Ind.)	10926 (Low Lying Areas, road fill)	10500 (Tentative work completion date 30/09/2025)
Santrampur	1	44046.56 (41346.56 MT Remediated)	2700	0	25530 (Bio Soils)	8926 (Other INDUSTRY)	Nill	6890 (1. Inerts-5010 Low Lying Areas,2. c &d Waste - 1880)	2700 (Tentative work completion date 31/12/2025)
Savli	1	12893(12543 Remediated)	350	0	7525 (Bio soil)	2600 (RDF Processing Industries)	300 (RDF Processing Ind.)	2141 (Filling of Low-Lying Area)	350 (Tentative work completion date 31/12/2025)
Shehera	1	65361 (Remediated)	0	0.00	Nill	6744.811 (SIDDHNATH ENTERPRISE)	Nill	58,616.19 (Low Lying Areas, road fill)	Nill
Sojitra	1	108 (80 Remediated)	28	0	Nill	Nill	Nill	80 (Sent to Anand corporation Processing plant Site)	28 (Tentative work completion date 30/09/2025)
Umreth	1	20260 (16260 Remediated)	4000	0	9760 (Agricultu re)	2920 (Matru Enterprise)	Nill	2750 (Low Lying Areas, road fill)	4000 (Tentative work completion date 31/12/2025)
Vaghodiya	1	0	3785	8.2	Nill	Nill	Nill	Nill	3785 (Tentative work completion date 31/12/2025)
Amreli	1	141990 (Remediated: -	75000	63.5	35267.4 (Given To Farmers &	18863.1 (Cement Industry)	Nill	12859.2 (Low Lying Ares	75000 (Tentative work

		66990 MT)			Filling Low Laying Area)			Construction Activities)	completion date 31/12/2025)
Babra	1	5497 (Remediated: - 2160 MT)	3989	0.5	1147 (Given To Farmers & Filling Low Laying Area)	738 (Taken by Ragpickers)	Nill	275 (Low Lying Ares Construction Activities)	3989 (Tentative work completion date 31/12/2025)
Bagasara	1	8815 (Remediated: - 5471 MT)	3344	5.5	2275 (Given To Farmers & Filling Low Laying Area)	1905 (AGENCY SEND TO RECYCLER AGENCY)	Nill	1291 (Filling Low Laying Area)	3344 (Tentative work completion date 31/12/2025)
Chalala	1	2130 (Remediated: - 1530 MT)	1590	1.65	639 (PARKS AND GARDEN)	532 (AGENCY SEND TO RECYCLER AGENCY)	Nill	358 (Low Lying Ares Construction Activities)	1590 (Tentative work completion date 31/12/2025)
Damnagar	1	3764 (Remediated: - 3764 MT)	0	2.16	1860 (PARKS AND GARDEN)	1233 (AGENCY SEND TO RECYCLER AGENCY)	Nill	670 (Road Lower Layer Filling)	Nill
Jafrabad	1	275 (Remediated: - 275 MT)	0	0	140 (AGENCY SEND TO RECYCLER AGENCY)	40 (AGENCY SEND TO RECYCLER AGENCY)	15 (AGENCY SEND TO RECYCLER AGENCY)	80 (Filling Low Laying Area)	Nill
Lathi	1	5820 (Remediated: - 1950 MT)	6980	1.15	803 (PARKS AND GARDEN)	644 (AGENCY SEND TO RECYCLER AGENCY)	Nill	503 (Road Lower Layer Filling)	6980 (Tentative work completion date 31/12/2025)
Rajula	1	17200 (Remediated: - 2200 MT)	19000	3.34	1210 (Given To Frmers & Filling Low Laying Area)	330 (It Has Been Rectcled and Disposed of with a cement Factory)	200 (AGENCY SEND TO RECYCLER AGENCY)	460 (Filling Low Laying Area)	19000 (Tentative work completion date 31/12/2025)
Savarkundla	1	10826 (Remediated: - 7326 MT)	7450	10	4579 (PARKS AND GARDEN)	2385 (AGENCY SEND TO RECYCLER AGENCY)	Nill	342.3 (Filling Low Laying Area)	7450 (Tentative work completion date 31/12/2025)
Gariadhar	1	10404 (Remediat	27802	6	228 (Given To Farmers & Filling	14 (Given To Reg Pickers)	Nill	162 (Filling Low Laying Area)	27802 (Tentative work completion

		ed: - 404 MT)			Low Laying Area)				date 31/12/2025)
Mahuva	1	89370 (Remediated: - 74870 MT)	16500	3	48641 (AGENCY SEND TO FARMER)	2748 (AGENCY SEND TO TRADER)	Nill	23481 (Road Lower Layer Filling)	16500 (Tentative work completion date 31/12/2025)
Palitana	1	4534.8 (Remediated: - 34.8 MT)	18880	12.91	Nill	Nill	Nill	34.8 (Filling Low Laying Areas)	18880 (Tentative work completion date 31/12/2025)
Sihor	1	80000 (Remediated: - 35000 MT)	45340	14	Nill	Nill	Nill	10983 (WONDER CEMENT RAJASTHAN)	45340 (Tentative work completion date 31/12/2025)
Talaja	1	37320 (Remediated: - 32820 MT)	6000	5.7	25110.87 (AGRICULTURE)	1969 (CEMENT INDUSTRY)	Nill	5740.13 (Filling Low Laying Area)	6000 (Tentative work completion date 31/12/2025)
Vallabhipur	1	2229 (Remediated: - 451 MT)	1778	3.1	130 (AGRICULTURE)	230 (Dispose by agency)	Nill	91 (Garden purpose)	1778 (Tentative work completion date 31/12/2025)
Kodinar	1	11900 (Remediated: - 8900 MT)	8927	1.2	5446 (AGRICULTURE)	1680 (Dispose by agency)	Nill	1774 (Filling Low Laying Area)	8927 (Tentative work completion date 31/12/2025)
Sutrapada	1	10917 (Remediated: - 8017 MT)	3780	7.19	4280 (Given to farmers & Filling Low Laying Area)	922 (It has Been Recycled & Disposed of with a cement factory.)	Nill	2815 (Filling Low Laying Area)	3780 (Tentative work completion date 31/12/2025)
Talala	1	3217 (Remediated: - 2117 MT)	3000	3.83	1125 (AGRICULTURE)	684 (Dispose by agency)	Nill	202 (Road Lower Layer Filling)	3000 (Tentative work completion date 31/12/2025)
Una	1	8892 (Remediated: - 5392 MT)	0	14	2500 (AGRICULTURE)	584 (Taken by Ragpickers)	80 (Taken by Ragpickers)	2160 (Filling Low Laying Areas)	Nill
Veraval	1	329806 (Remediat	12000	43	96746 (SELL TO FARMER)	60721	34496 (DISPOSED BY	126171 (FILLING AT DUMPSITE	12000 (Tentative work

		ed: - 318134 MT)				(DISPOSED BY THE AGENCY)	THE AGENCY)	LOWER LAYER)	completion date 31/12/2025)
Bantwa	1	2133 (Remediated: - 573 MT)	2925	1.65	310.5 (Park And Garden)	252 (Agency Given To Recycler Rajesh Polly Plast Dhoraji)	Nill	10.5 (Road Lower Layer Filling)	2925 (Tentative work completion date 31/12/2025)
Chorvad	1	1648 (Remediated: - 398 MT)	2350	1.7	233.6 (Park And Garden)	156.4 (AGENCY SEND TO RECYCLER AGENCY)	Nill	8 (Road Lower Layer Filling)	2350 (Tentative work completion date 31/12/2025)
Keshod	1	20024 (Remediated: - 14084 MT)	8169	16.39	6512 (Park And Garden)	1582 (Agency Given To Recycler Rajesh Polly Plast Dhoraji)	Nill	5990 (Road Lower Layer Filling)	8169 (Tentative work completion date 31/12/2025)
Manavadar	1	16207 (Remediated: - 11507 MT)	5250	2.5	6465 (Park And Garden)	2109.25 (Agency Given To Recycler Rajesh Polly Plast Dhoraji)	Nill	2926 (Road Lower Layer Filling)	5250 (Tentative work completion date 31/12/2025)
Mangrol	1	7160 (Remediated: - 5660 MT)	6570	12.57	5309.643 (AGRICULTURE)	Nill	Nill	345.357 (ROAD FILLING)	6570 (Tentative work completion date 31/12/2025)
Vanthali	1	2736 (Remediated: - 1761 MT)	946	3.33	963 (PARKS AND GARDEN)	784 (AGENCY SEND TO RECYCLER AGENCY)	Nill	14 (ROAD LOWER LAYER FILLING)	946 (Tentative work completion date 31/12/2025)
Visavadar	1	3218 (Remediated: - 1518 MT)	3478	5.22	1082 (PARKS AND GARDEN)	293 (AGENCY SEND TO RECYCLER AGENCY)	Nill	143 (ROAD LOWER LAYER FILLING)	3478 (Tentative work completion date 31/12/2025)
Dhari	1	0	0	6	Nill	Nill	Nill	Nill	Nill
Gondal	1	101203"(REMIDIATE: 70000 MT)	31202	9	25590 (Agricultu re, Garden)	11196.8 (Cement industry)	Nill	33193.34 (Low Laying Area)	31202 (Tentative work completion date 31/08/2025)
Jetpur	1	157307 "(REMIDIATE: 115307)	42000	0	43816.33 (Agricultu re)	12683.77 (Cement Industries Saurashtra Cement	Nill	58805.8 (Low Laying Area)	42000 (Tentative work completion

						Ranavav, Ultratech (Jafrabad)			date 31/12/2025)
Dhoraji	1	20723(REMIDIATE: 14723 MT)	6000	8	Nill	2555.868 (Cement Industry)	Nill	12088.092 (Low Laying Area)	6000 (Tentative work completion date 31/12/2025)
Upleta	1	10505 (REMIDIATE: 6025 MT)	4480	16	4040 (Auction to farmer)	1104 (Plastic Taken away by Rag Pickers)	Nill	881 (Low Laying Area)	4480 (Tentative work completion date 31/12/2025)
Jasdan	1	9860 (REMIDIATE: 5860 MT)	4000	6	2710 (Agricultu re)	1850 (AGENCY SEND TO RECYCLER AGENCY)	Nill	1300 (Low lying areas, Road Filing)	4000 (Tentative work completion date 31/12/2025)
Bhayavadar	1	28607(REMIDIATE: 15444 MT)	0	3.2	5405 (Agricultu re, Garden)	2316 (Other industries)	Nill	7720 (Low lying areas, Road Filing)	Nill
vankaner	1	26500 remediate 14500 MT	12000	3.4	Nill	2750 (Cement Industry)	Nill	11750 (Low lying areas, Road Filing)	12000 (Tentative work completion date 27/12/2025)
Halvad	1	45387 (Remediated: - 40387 MT)	5000	3.4	21387 (Agricultu re, Garden)	6000 (Disposed by agency)	Nill	13000 (Low lying areas, Road Filing)	5000 (Tentative work completion date 31/12/2025)
Maliya-Miyana	1	17350 (Remediated: - 15000 MT)	2350	3.2	Nill	2020 (Other industries)	Nill	12791.432 (Low lying areas, Road Filing)	2350 (Tentative work completion date 31/12/2025)
Tankara	1	0	17350 MT	4.4	Nill	Nill	Nill	Nill	17350 MT (Tentative work completion date 31/12/2025)
Dhrol	1	15400 MT (Remidiate:400MT)	15000 MT	7.2	232 MT (Agricultu re, Garden)	117 MT (Other industries)	Nill	51 MT (Levling work)	15000 MT (Tentative work completion date 31/12/2025)
Jamjodhpur	1	28570 MT (REMIDIATE: 24743 MT)	3827 MT	3.77	Nill	7410 MT (Other industries)	Nill	17333 MT (Levelling Work)	3827 MT (Tentative work completion date 31/12/2025)

Kalavad	1	18012 MT (Remediation - 8512MT)	9500 MT	9.5	5918 MT (Agriculture, Garden)	2459 MT (Other industries)	Nill	135 MT (Road Filing)	9500 MT (Tentative work completion date 31/12/2025)
Sikka	1	19665 MT (7665 MT Remediatio)	12000 MT	10	3945 MT (Agriculture, Garden)	2640 MT (AGENCY SEND TO RECYCLER AGENCY)	Nill	1080 MT (Low lying areas, Road Filing)	12000 (Tentative work completion date 31/12/2025)
Okha	1	25423 MT (Remediation -200 MT)	25200 MT	21	95 MT (Agriculture & ULB Garden)	70 MT (Other industries)	Nill	58 MT (ROAD FILLING & CONSTRUCTION ACTIVITIES)	25200 MT (Tentative work completion date 31/12/2025)
Dwarka	1	5000 MT (Remediation - 5000 MT)	55737 MT	20	1200 MT (Agriculture & ULB Garden)	Nill	Nill	3800 MT (ROAD FILLING & CONSTRUCTION ACTIVITIES)	55737 MT (Tentative work completion date 31/12/2025)
Khambhaliya	1	106000 MT (Remediation - 15000 MT)	91000 MT	2.27	6219.903 MT (Agriculture)	5021.38 MT (Plastic Industry)	Nill	3758.726 MT (Road Filling & C&D waste Recycler Facility)	91000 MT (Tentative work completion date 31/12/2025)
Salaya	1	6420 MT (Remediation - 3210 MT)	3210 MT	8	2541MT (AGRICULTURE)	314 MT (Cement industry)	Nill	355 MT (Low lying area)	3210 MT (Tentative work completion date 31/12/2025)
Bhanvad	1	13120 MT(Remediated120 MT)	13000 MT	5	115 MT (Agriculture & ULB Garden)	Nill	Nill	5 MT (ROAD FILLING & CONSTRUCTION ACTIVITIES)	13000 MT (Tentative work completion date 31/12/2025)
Jamraval	1	550 MT (Remediation- 400MT)	150 MT	3.6	362 MT (Agriculture)	38 MT (Cement industry)	Nill	Nill	150 MT (Tentative work completion date 31/12/2025)
Ranavav	1	1019 MT (Remediation - 300)	790 MT	6	Nill	15 MT (Cement industry)	Nill	285 MT (Low lying area)	790 MT (Tentative work completion date 31/12/2025)
Kutiyana	1	700 MT(Remediation- 600MT)	100 MT	3.5	Nill	30 MT (Cement industry)	Nill	570 MT (Low lying area, Other)	100 MT (Tentative work completion date 31/12/2025)
Bhuj	1	249997 (Remediation:	142365 MT	0	Nill	4906.5 MT (Cement Industry)	Nill	97209 MT	142365 MT (Tentative work

		102135 MT)						(Compost and filling in low lying areas)	completion date 31/12/2025)
Anjar	1	172980 MT (Remediation: 90980MT	82000 MT	0	22549.8 MT (Agriculture and ULB Garden)	10465 MT (Cement industry)	Nill	56900 MT (ROAD FILLING & CONSTRUCTION ACTIVITIES)	82000 MT (Tentative work completion date 31/12/2025)
Mandvi	1	152912 MT (Remediated - 75,000 MT,	77912 MT	20	Nill	15000 MT (Waste Transfer to Electricity Plant Jamnagar)	Nill	60000 MT (Low lying area)	77912 MT (Tentative work completion date 31/12/2025)
Bhachau	1	2006 (Remediated - 606 MT)	1400 MT	13	Nill	122 MT (Recycling)	Nill	484 MT (Low lying area)	1400 MT (Tentative work completion date 31/12/2025)
Rapar	1	16800 (Remediated -16000 MT)	800 MT	4.6	9766 MT (Agriculture purpose)	4539 MT (PLASTIC INDUSTRIES)	Nill	1693 MT (Low lying area)	800 MT (Tentative work completion date 28/07/2025)
Mundra borai	1	59695 MT (Remediation - 9695 MT)	50000 MT	11.5	1445 MT (Agriculture)	1050 MT) PLASTIC INDUSTRIES)	Nill	7200 MT (Low lying area)	50000 MT (Tentative work completion date 31/12/2025)
Nakhtrana	1	1856 MT (Remediation - 950 MT)	1026	2.5	Nill	Nill	Nill	950 MT (Low lying area)	1026 MT (Tentative work completion date 31/12/2025)
Karamsad	1	26636 MT (26636 MT Remediated)	0	0	Nill	4000 MT (MATRU ENTERPRICE)	Nill	18480 MT (Low lying area)	Nill
Bopal-Guma	1	232000 MT (232000 MT Remediated)	0	0	Nill	41000 MT (Supply to INDUSTRIES)	Nill	184510 MT (Low lying area)	Nill
Total	**168**	**296.15 Lakh MT**	**35.96 Lakh MT**	**1050 MT**	**43.29 Lakh MT**	**44.58 Lakh MT**	**0.45 Lakh MT**	**167.35 Lakh MT**	**35.96 Lakh MT**

****

Annexure (A) : Compost quality Test Certificate

AHMEDABAD MUNICIPAL CORPORATION

Gujarat Testlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**BEIL Infrastructure Ltd.** Revenue Survey No.115,B/h Torrent Power Sub Station, Nr. Hotel Dev, Village Gyaspur, Narol-Sarkhej Highway, Ahmedabad, Gujarat **Phone No :** 8469878341 **Email :** shanobarsaiyed97@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07250423002/NS** : 23/04/2025 : 26/04/2025 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 200 gm	**Mfg. Date**	: 22/04/25
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: Sample Id : Compost, Lot No : I/003(200MT)		
Sample Drawn By	: Customer		
Date of Starting of Test	: 23/04/2025	**Date of Completion**	: 26/04/2025

Sr No	Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	22.32	FCO-1985	Max. 25%
4	Bulk Density g/cm3	1.0987	FCO-1985	Max. 1.2
5	Total Nitrogen (as N) %	0.94	FCO-1985	Min.0.80
6	Total Phosphates (as P2O5) %	1.21	FCO-1985	Min. 0.40
7	Total Potash (as K2O) %	0.92	FCO-1985	Min. 0.40
8	Total Organic Carbon %	17.78	FCO-1985	Min.12
9	C:N Ratio	18:1	FCO-1985	Max. 20
10	pH (5% Solution)	7.32	FCO-1985	6.0 to 8.0
11	Conductivity dsm-1 (20 % Solution)	2.1	FCO-1985	Max. 6.0
12	Partical Size (Passes through 4 mm IS Sieve) %	96.12	FCO-1985	Min. 90%
13	Copper (as Cu) mg/kg	8.79	FCO-1985	Max. 300 mg/kg
14	Lead (as Pb) mg/kg	10.58	FCO-1985	Max. 100 mg/kg
15	Nickel (as Ni) mg/kg	5.32	FCO-1985	Max. 50 mg/kg
16	Zinc (as Zn) mg/kg	148.97	FCO-1985	Max. 1000 mg/kg
17	Chromium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 50 mg/kg
18	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
19	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg

Gujarat Testlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

Test Report No : GTL/07250423002/NS

Sr No	Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
20	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Remark: In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification

Abbr : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

FOR, GUJARAT TESTLAB PVT. LTD

Mamta Bhavsar
Reviewed By

For Verification

Hemal Darji-Trupti Thakor
Autho. Signatory

*** END OF REPORT ***

2970

Gujarat Testlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

eport Issued To:	**BEIL Infrastructure Ltd.** Revenue Survey No.115,B/h Torrent Power Sub Station, Nr. Hotel Dev, Village Gyaspur, Narol-Sarkhej Highway, Ahmedabad, Gujarat **Phone No :** 8469878341 **Email :** shanobarsaiyed97@gmail.com	**Test Report No**	: GTL/07250418001/NS
		Date of Receipt	: 18/04/2025
		Date of Issue	: 23/04/2025
		Customer's Ref. No	: N.M

mple Described as	: City Compost		
mple Qty	: 500 gm	**Mfg. Date**	: N.M
king Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M
		B.No	: N.M
mple Condition	: Satisfactory		
king	: Lot No : I/002(200MT)		
ple Drawn By	: Customer		
e of Starting of Test	: 18/04/2025	**Date of Completion**	: 23/04/2025

Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
mical ertilizers			
Odour	Absence of foul odour	FCO-1985	Absence of foul odour
Colour	Dark Brown to black	FCO-1985	Dark Brown to black
Moisture %	21.58	FCO-1985	Max. 25%
Bulk Density g/cm3	1.0856	FCO-1985	Max. 1.2
Total Nitrogen (as N) %	0.96	FCO-1985	Min.0.80
Total Phosphates (as P2O5) %	1.13	FCO-1985	Min. 0.40
Total Potash (as K2O) %	0.89	FCO-1985	Min. 0.40
Total Organic Carbon %	17.68	FCO-1985	Min.12
:N Ratio	18:1	FCO-1985	Max. 20
H (5% Solution)	7.23	FCO-1985	6.0 to 8.0
onductivity dsm-1 (20 % olution)	2.4	FCO-1985	Max. 6.0
rtical Size (Passes through 4 m IS Sieve) %	96.18	FCO-1985	Min. 90%
pper (as Cu) mg/kg	8.93	FCO-1985	Max. 300 mg/kg
ad (as Pb) mg/kg	10.13	FCO-1985	Max. 100 mg/kg
kel (as Ni) mg/kg	5.18	FCO-1985	Max. 50 mg/kg
c (as Zn) mg/kg	149.21	FCO-1985	Max. 1000 mg/kg
romium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 50 mg/kg
enic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
rcury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg

ujarat
stlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

eport No : GTL/07250418001/NS

Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
logical Fertilizers			
Salmonella/25 gm	Absent	FCO-1985	Absent

k: In the opinion of the undersigned, the submitted sample **CONFORM**
to the above specification

M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
ntification Limit

FOR, GUJARAT TESTLAB PVT. LTD

Mamta Bhavsar
Reviewed By

For Verification

Hemal Darji-Trupti Thakor
Autho. Signatory

*** END OF REPORT ***

Gujarat Testlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

eport Issued To:	**BEIL Infrastructure Ltd.** Revenue Survey No.115,B/h Torrent Power Sub Station, Nr. Hotel Dev, Village Gyaspur, Narol-Sarkhej Highway, Ahmedabad, Gujarat **Phone No :** 8469878341 **Email :** shanobarsaiyed97@gmail.com	**Test Report No**	: GTL/07250410001/NS
		Date of Receipt	: 10/04/2025
		Date of Issue	: 15/04/2025
		Customer's Ref. No	: N.M

mple Described as	: City Compost		
mple Qty	: 200Gm	**Mfg. Date**	: N.M.
cking Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
mple Condition	: Satisfactory		
rking	: lot No-I/001		
nple Drawn By	: Customer		
e of Starting of Test	: 10/04/2025	**Date of Completion**	: 15/04/2025

Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
emical Fertilizers			
Odour	Absence of foul odour	FCO-1985	Absence of foul odour
Colour	Dark Brown to black	FCO-1985	Dark Brown to black
Moisture %	22.48	FCO-1985	Max. 25%
Bulk Density g/cm3	1.0639	FCO-1985	Max. 1.2
Total Nitrogen (as N) %	0.93	FCO-1985	Min.0.80
Total Phosphates (as P2O5) %	1.39	FCO-1985	Min. 0.40
Total Potash (as K2O) %	0.91	FCO-1985	Min. 0.40
Total Organic Carbon %	17.21	FCO-1985	Min.12
C:N Ratio	18:1	FCO-1985	Max. 20
pH (5% Solution)	7.53	FCO-1985	6.0 to 8.0
Conductivity dsm-1 (20 % Solution)	2.6	FCO-1985	Max. 6.0
Partical Size (Passes through 4 mm IS Sieve) %	96.71	FCO-1985	Min. 90%
Copper (as Cu) mg/kg	8.47	FCO-1985	Max. 300 mg/kg
Lead (as Pb) mg/kg	9.32	FCO-1985	Max. 100 mg/kg
Nickel (as Ni) mg/kg	5.10	FCO-1985	Max. 50 mg/kg
Zinc (as Zn) mg/kg	187.12	FCO-1985	Max. 1000 mg/kg
Chromium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 50 mg/kg
Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg

Gujarat Testlab Private Limited

F-16,17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
M : 7486086091, 9601389681
E : gujlab@gmail.com / gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

Report No : GTL/07250410001/NS

	Quality Characteristics	Result	Test Method	FCO 1985 / Customer Specification
	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
	iological Fertilizers			
	Salmonella/25 gm	Absent	FCO-1985	Absent

ark: In the opinion of the undersigned, the submitted sample to the above specification. **CONFORM**

N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Quantification Limit

FOR, GUJARAT TESTLAB PVT. LTD

Mamta Bhavsar
Reviewed By

For Verification

Hemal Darji-Trupti Thakor
Autho. Signatory

*** END OF REPORT ***

excel enviro tech

2974

Telefax : (079) 27542219,
Mobile : 98255 88910, 98257 29124
E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,
Web : www.excelenviro.com
TF-2, Sun House, Nr, Old High Court,
Off. Ashram Road, Ahmedabad - 380009.

TEST REPORT

Customer's Name and Address
Ahmedabad Municipal Corporation
Ahmedabd

FORMAT NO.	F/LID/57
REPORT DATE	22/04/2021
REPORT NO.	EET/202104375

Description of sample	Soil Sample	Sample ID	ST/04/375: B/H Excel Dump Site
Date of sampling	08/04/2021	Sampling time	15:20 to 15:30
Date of Sample Inward	08/04/2021	Sampling method	Standard Practice
Sample collected by	Chemist	Packing/seal	Satisfactory
Quantity and no. of sample/s	1 Kg in Plastic Bag	Date of starting of test	09/04/2021
		Date of completion of test	21/04/2021
Environmental conditions during sampling: 38.1^{0}C		Environmental conditions during testing: 25±3 ^{0}C	

RESULT TABLE

Sr	Parameter	Unit	Test method	Result B/H Excel Dump Site	*Prescribed Limit for Compost as per The Solid waste Rules 2016
1	Moisture (as such Sample)	%	IS 2720 (Part-2):1973/ Reaffirmed 2015	16.0	15 - 25
Analysis dry Basis					
2	pH	--	IS 2720 (Part- 26):1987/Reaffirmed 2016	8.22	6.5 to 7.5
3	Water Holding Capacity	%	LAB/SOP/ST/04 dated on 10th January 2019	33.5	--
4	Bulk Density	g/cm^3	LAB/SOP/ST/02 dated on 10th January 2019	1.68	1 Max.
5	Gravels	%	LAB/SOP/ST/05 dated on 10th January 2019	15.0	--
6	Sand	%	LAB/SOP/ST/05 dated on 10th January 2019	78.0	--
7	Silt	%	LAB/SOP/ST/05 dated on 10th January 2019	2.50	--
8	Clay	%	LAB/SOP/ST/05 dated on 10th January 2019	4.50	--
9	Porosity	%	LAB/SOP/ST/02 dated on 10th January 2019	0.99	--
10	Sodium	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	390.1	--
11	Potassium	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	188.7	--
12	Calcium	mg/kg	LAB/SOP/ST/15 dated on 10th January 2019	570.2	--
13	Magnesium	mg/kg	LAB/SOP/ST/15 dated on 10th January 2019	387.4	--
14	Chloride	mg/kg	Lab SOP/ST/12 dated on 10th January 2019	625.4	--
15	Sulphate	mg/kg	IS :2720 (Part-27):1977/ Reaffirmed 2015	316.2	--
16	Organic Carbon	%	IS 2720 (Part- 22)1972 :2015	12.60	12 % Min.
17	Organic Matter	%	IS 2720 (Part- 22)1972 :2015	26.47	--
18	Available Nitrogen	mg/kg	IS: 14684:1999/Reaffirmed 2014	9241.4	8000 Min.
19	Available Phosphorous	mg/kg	LAB/SOP/ST/11 dated on 10th January 2019	4103.6	4000 Min.
20	Iron	mg/kg	LAB/SOP/ST/22 dated on 10th January 2019	75.3	--
21	Zinc	mg/kg	LAB/SOP/ST/26 dated on 10th January 2019	0.90	1000
22	Nitrites	mg/kg	LAB/SOP/ST/35 dated on 10th January 2019	1.25	--
23	Nitrate	mg/kg	IS: 14684:1999/Reaffirmed 2014	2.78	--
24	Lead	mg/kg	LAB/SOP/ST/23 dated on 10th January 2019	50.2	100
25	Manganese	mg/kg	LAB/SOP/ST/24 dated on 10th January 2019	2.98	--

----------End of The Test Report----------

excel enviro tech

2975

Telefax : (079) 27542219,
Mobile : 98255 88910, 98257 29124
E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,
Web : www.excelenviro.com
TF-2, Sun House, Nr, Old High Court,
Off. Ashram Road, Ahmedabad - 380009.

Sr	Parameter	Unit	Test method	Result B/H Excel Dump Site	*Prescribed Limit for Compost as per The Solid waste Rules 2016
26	Nickel	mg/kg	LAB/SOP/ST/25 dated on 10th January 2019	0.74	50
27	Copper	mg/kg	LAB/SOP/ST/21 dated on 10th January 2019	1.10	300
28	Chromium	mg/kg	LAB/SOP/ST/20 dated on 10th January 2019	3.21	50
29	Cadmium	mg/kg	LAB/SOP/ST/19 dated on 10th January 2019	0.56	5
30	Mercury	mg/kg	LAB/SOP/ST/40 dated on 10th January 2019	Nil	0.15
31	Sodium Absorption Ratio	%	Calculation Method	4.58	--
32	Conductivity	µS/cm	IS: 14767: 2000 Reaffirmed 2016	17200	4000 Max.
33	Colour	--	--	Blackish	Brown to black
34	Total Potash	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	928.9	---
35	Carbon Nitrogen Ratio	%	Calculation Method	20.1	20 Max.
36	Zinc	mg/kg	Lab SOP/ST/26 dated on 10th January 2019	8.96	1000
37	Arsenic	mg/kg	Lab SOP/ST/29 dated on 10th January 2019	0.75	10

*Prescribed limits as per Schedule-II of The Solid Waste Management Rules, 2016 for utilization as Organic Compost (FCO 2009)
As per footnote of Schedule-II of The Solid Waste Management Rules 2016, compost exceeding the mentioned concentration limits may be utilized for purposes other than growing crops.

Note:

1. The results refer only to the tested sample/s & applicable parameters. Endorsement of product is neither inferred nor implied,
2. Excel Enviro Tech strictly maintains confidentiality of all the analysis and test result and customer supplied product/sample and will not reveal this information to third party unless required for the statutory compliance.
3. Maximum liability of our organization is limited to the testing charges only.
4. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
5. Sample will be disposed after 15 days from the date of issue of the report unless agreed with the customer.

Hitesh Soni

Analyzed by

H Rathod

[~~Manoj Jain(QM)/~~ Himrekha Rathod(TM)]

Authorized Signatory

Source of Prescribed Norms: Not Applicable	Field remark:

----------End of The Test Report----------

excel enviro tech

2976

Telefax : (079) 27542219,
Mobile : 98255 88910, 98257 29124
E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,
Web : www.excelenviro.com
TF-2, Sun House, Nr, Old High Court,
Off. Ashram Road, Ahmedabad - 380009.

TEST REPORT

Customer's Name and Address
M/s. Ahmedabad Municipal Corporation
Ahmedabd

FORMAT NO.	F/LID/57
REPORT DATE	22/04/2021
REPORT NO.	EET/202104376

Description of sample	Soil Sample	Sample ID	ST/04/376: Ajmera
Date of sampling	08/04/2021	Sampling time	16:00 to 16:10
Date of Sample Inward	08/04/2021	Sampling method	Standard Practice
Sample collected by	Chemist	Packing/seal	Satisfactory
Quantity and no. of sample/s	1 Kg in Plastic Bag	Date of starting of test	09/04/2021
		Date of completion of test	21/04/2021
Environmental conditions during sampling: 38.1^{0}C		Environmental conditions during testing: 25±3 ^{0}C	

RESULT TABLE

Sr	Parameter	Unit	Test method	Result Ajmera	*Prescribed Limit for Compost as per The Solid waste Rules 2016
1	Moisture (as such Sample)	%	IS 2720 (Part-2):1973/ Reaffirmed 2015	20.9	15-25
Analysis dry Basis					
2	pH	--	IS 2720 (Part- 26):1987/Reaffirmed 2016	7.69	6.5 to 7.5
3	Water Holding Capacity	%	LAB/SOP/ST/04 dated on 10th January 2019	45.0	---
4	Bulk Density	g/cm^3	LAB/SOP/ST/02 dated on 10th January 2019	1.10	1 Max.
5	Gravels	%	LAB/SOP/ST/05 dated on 10th January 2019	21.0	---
6	Sand	%	LAB/SOP/ST/05 dated on 10th January 2019	75.0	---
7	Silt	%	LAB/SOP/ST/05 dated on 10th January 2019	2.10	---
8	Clay	%	LAB/SOP/ST/05 dated on 10th January 2019	1.90	---
9	Porosity	%	LAB/SOP/ST/02 dated on 10th January 2019	0.99	---
10	Sodium	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	315.7	---
11	Potassium	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	265.1	---
12	Calcium	mg/kg	LAB/SOP/ST/15 dated on 10th January 2019	450.2	---
13	Magnesium	mg/kg	LAB/SOP/ST/15 dated on 10th January 2019	560.8	---
14	Chloride	mg/kg	Lab SOP/ST/12 dated on 10th January 2019	170.0	---
15	Sulphate	mg/kg	IS :2720 (Part-27):1977/ Reaffirmed 2015	302.8	---
16	Organic Carbon	%	IS 2720 (Part- 22)1972 :2015	14.96	12 % Min.
17	Organic Matter	%	IS 2720 (Part- 22)1972 :2015	23.66	---
18	Available Nitrogen	mg/kg	IS: 14684:1999/Reaffirmed 2014	9250.3	8000 Min.
19	Available Phosphorous	mg/kg	LAB/SOP/ST/11 dated on 10th January 2019	4628.7	4000 Min.
20	Iron	mg/kg	LAB/SOP/ST/22 dated on 10th January 2019	90.1	---
21	Zinc	mg/kg	LAB/SOP/ST/26 dated on 10th January 2019	0.92	1000
22	Nitrites	mg/kg	LAB/SOP/ST/35 dated on 10th January 2019	1.22	---
23	Nitrate	mg/kg	IS: 14684:1999/Reaffirmed 2014	1.65	--
24	Lead	mg/kg	LAB/SOP/ST/23 dated on 10th January 2019	52.4	100
25	Manganese	mg/kg	LAB/SOP/ST/24 dated on 10th January 2019	2.78	---
26	Nickel	mg/kg	LAB/SOP/ST/25 dated on 10th January 2019	0.60	50

excel enviro tech

2977

Telefax : (079) 27542219,
Mobile : 98255 88910, 98257 29124
E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,
Web : www.excelenviro.com
TF-2, Sun House, Nr, Old High Court,
Off. Ashram Road, Ahmedabad - 380009.

Sr	Parameter	Unit	Test method	Result Ajmera	*Prescribed Limit for Compost as per The Solid waste Rules 2016
27	Copper	mg/kg	LAB/SOP/ST/21 dated on 10th January 2019	0.70	300
28	Chromium	mg/kg	LAB/SOP/ST/20 dated on 10th January 2019	2.25	50
29	Cadmium	mg/kg	LAB/SOP/ST/19 dated on 10th January 2019	2.10	5
30	Mercury	mg/kg	LAB/SOP/ST/40 dated on 10th January 2019	Nil	0.15
31	Sodium Absorption Ratio	%	Calculation Method	5.28	--
32	Conductivity	µS/cm	IS: 14767: 2000 Reaffirmed 2016	16500	4000 Max.
33	Colour	--	--	Blackish	Brown black
34	Total Potash	mg/kg	Lab SOP/ST/13 dated on 10th January 2019	725.6	---
35	Carbon Nitrogen Ratio	%	Calculation Method	14.1	20 Max.
36	Zinc	mg/kg	Lab SOP/ST/26 dated on 10th January 2019	7.96	1000
37	Arsenic	mg/kg	Lab SOP/ST/29 dated on 10th January 2019	0.63	10

*Prescribed limits as per Schedule-II of The Solid Waste Management Rules, 2016 for utilization as Organic Compost (FCO 2009)
As per footnote of Schedule-II of The Solid Waste Management Rules 2016, compost exceeding the mentioned concentration limits may be utilized for purposes other than growing crops.

Note:

1. The results refer only to the tested sample/s & applicable parameters. Endorsement of product is neither inferred nor implied,
2. Excel Enviro Tech strictly maintains confidentiality of all the analysis and test result and customer supplied product/sample and will not reveal this information to third party unless required for the statutory compliance.
3. Maximum liability of our organization is limited to the testing charges only.
4. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
5. Sample will be disposed after 15 days from the date of issue of the report unless agreed with the customer.

Hitesh Soni

Analyzed by

H Rathod

[~~Manoj Jain(QM)~~/ Himrekha Rathod(TM)]

Authorized Signatory

Source of Prescribed Norms: Not Applicable	Field remark:

SURAT MUNICIPAL CORPORATION

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	12/12/2024	**Sample Identification**	**Compost**
Sample Receipt Date	12/12/2024	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	12/12/2024 to 14/12/2024	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/98

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	22.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.68	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.08	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.59	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	18.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.892	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.04	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	156	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.23	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.56	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	456	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

SHREE GREEN ENVIRONMENTAL LABORATORIES LLP
SGEL
SURAT

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	15/01/2025	**Sample Identification**	**Compost**
Sample Receipt Date	15/01/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	15/01/2025 to 18/01/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/01/137

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	23.1	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	97.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.61	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	18.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.03	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.55	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

TORIES

Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.9	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.6	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.743	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.88	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	148	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.47	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.65	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	466	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/02/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/02/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/02/2025 to 18/02/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/02/116

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.72	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.9	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.05	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.62	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.44	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.1	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.3	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.820	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.93	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.55	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	151	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.59	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	473	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

PCB Approved Schedule-II Environmental Auditor
CI-NABET Accredited Environment Consultant
oEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/03/2025	**Sample Identification**	**Compost**
Receipt Date	20/03/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/03/2025 to 24/03/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/03/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	21.4	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	96.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.51	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.02	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.54	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	19.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	7.1	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.26	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.5	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	11.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	137	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	5.16	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	2.5	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	428	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/04/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/04/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/04/2025 to 18/04/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/04/96

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	18.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	93.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.57	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	16.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	0.96	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.63	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green Consultants & Environmental Laboratories

Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.2	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.73	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.98	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.5	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	143	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.51	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.7	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	416	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/176

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/05/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/05/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/05/2025 to 24/05/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/05/176

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	16.8	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	95.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.62	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	14.6	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.1	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.58	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants &
Environmental Laboratories

Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/175

Sr. No.	Parameters	Unit	Result	Test Method
Heavy Metal Content				
9	Arsenic	mg/Kg	<0.01	Schedule-IV, Part D (12) of FCO, 1985
10	Cadmium	mg/Kg	4.1	Schedule-IV, Part D (10) of FCO, 1985
11	Chromium	mg/Kg	12.2	Schedule-IV, Part D (10) of FCO, 1985
12	Copper	mg/Kg	130	Schedule-IV, Part D (10) of FCO, 1985
13	Mercury	mg/Kg	<0.01	Schedule-IV, Part D (11) of FCO, 1985
14	Nickel	mg/Kg	5.9	Schedule-IV, Part D (10) of FCO, 1985
15	Lead	mg/Kg	0.13	Schedule-IV, Part D (10) of FCO, 1985
16	Zinc	mg/Kg	567	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/06/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/06/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/06/2025 to 25/06/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/06/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV. Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	91.5	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.55	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.07	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.61	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green Consultants & Environmental Laboratories

Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.46	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	15.6	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.5	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.1	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.92	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.7	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	140	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.59	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.9	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	425	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

RAJKOT MUNICIPAL CORPORATION

precitech
Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher (Khambhadiya Nagarpalika)		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	4.20	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	Black	In house	Dark Brown to Black
3.	Odour	--	No Foul Odour	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	1.5796	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	2.30	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	1.51	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	1.52	By Calculation	<20
11.	pH (5% solution)	--	8.16	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	0.488	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	4.19	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.76	EPA 3050 B Rev-2 1996	Max 50
17.	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	676	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No PL/QF/7.8/01

**********End of Report**********

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258
web: www.precitechlab.com

Envitro LABORATORIES THE LEADING SCIENCE

ENVITRO LABORATORIES PVT. LTD.
ANALYTICAL, TESTING, RESEARCH, SCIENTIFIC TRADING AND TRAINING CERTIFICATION SERVICES FOR FOOD, AGRICULTURE, ENVIRONMENT, CONSTRUCTION MATERIAL, PHARMACEUTICALS, COSMETICS AND VARIOUS OTHER INDUSTRIES

TEST REPORT

DATE OF ISSUE: 30/06/2025

TEST REPORT No.	: E/2506376
REPORT ISSUED To	: Shree Tulsi Enterprise
ADDRESS	: Rajkot
SAMPLE COLLECTED BY	: Self
SAMPLE DESCRIPTION	: City Compost

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K2O)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm²	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

REMARKS:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2 The test report pertains to the sample tested.
3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only

Envitro Laboratories Pvt. Ltd. Rajkot

Authorized Signatory
SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.
admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

precitech Laboratories PVT. LTD.

TEST REPORT

Test Report Number	**PL/R&D/20240220001**	**Issue Date**	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	**Packing**	Plastic Bag
Sample Collection Date	NA	**Sample Receipt Date**	20/02/2024
Analysis Start Date	20/02/2024	**Analysis Completion Date**	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	**Sampling Procedure**	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	**4.20**	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	**Black**	In house	Dark Brown to Black
3.	Odour	--	**No Foul Odour**	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	**99.80**	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	**1.5796**	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	**2.30**	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	**1.51**	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	**0.003**	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	**1.08**	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	**1.52**	By Calculation	<20
11.	pH (5% solution)	--	**8.16**	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	**0.488**	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	**3**	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	**4.19**	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	**453**	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	**11.76**	EPA 3050 B Rev-2 1996	Max 50
17	Lead (as Pb)	mg/kg	**104**	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	**676**	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	**0.12**	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

**********End of Report**********

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

web: www.precitechlab.com

precitech Laboratories PVT. LTD.

TEST REPORT

Test Report Number	**PL/R&D/20240220001**	**Issue Date**	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	**Packing**	Plastic Bag
Sample Collection Date	NA	**Sample Receipt Date**	20/02/2024
Analysis Start Date	20/02/2024	**Analysis Completion Date**	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	**Sampling Procedure**	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	**4.20**	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	**Black**	In house	Dark Brown to Black
3.	Odour	--	**No Foul Odour**	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	**99.80**	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	**1.5796**	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	**2.30**	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	**1.51**	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	**0.003**	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	**1.08**	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	**1.52**	By Calculation	<20
11.	pH (5% solution)	--	**8.16**	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	**0.488**	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	**3**	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	**4.19**	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	**453**	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	**11.76**	EPA 3050 B Rev-2 1996	Max 50
17	Lead (as Pb)	mg/kg	**104**	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	**676**	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	**0.12**	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: **NA- Not Applicable, NS- Not Specified.**

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

**********End of Report**********

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

web: www.precitechlab.com

precitech

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 KMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1	Moisture	%	4.20	IS 2720 Part2:1973 (RA 2010)	Max 25
2	Colour	--	Black	In house	Dark Brown to Black
3	Odour	--	No Foul Odour	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matter should Pass through 4.0 mm IS Sieve
5	Bulk Density	gm/cm³	1.6796	IS 4730:1994 (RA 2010)	<1
6	Total Organic Carbon	%	2.30	IS 2720 Part 22:1972 (RA 2015)	Min 12
7	Total Nitrogen (as N)	%	1.51	IS 10158 : 2009	Min 0.8
8	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10	C/N Ratio	--	1.52	By Calculation	<20
11	pH (5% solution)	--	8.15	IS 2720 Part 26:1987 (RA 2011)	6.5 to 7.5
12	Conductivity (5% solution)	ds/m	0.488	IS 14767:2000 (RA 2016)	Not more than 4
13	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14	Chromium (as Cr)	mg/kg	4.13	EPA 3050 B Rev-2 1996	Max 50
15	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.75	EPA 3050 B Rev-2 1996	Max 50
17	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	675	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA 23rd Ed.2017 -4500 SO_4^{2-} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

**********End of Report**********

Recognitions / Registered & Head Office :
ISO 45001:2018 Certified
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization
1st Floor, Bhanujyot Complex, Plot No C5/77, ...ratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
(0260) 2975850, 2970850, 2425542, 2420986, 2424911
e-mail: vapi@precitechlab.com
CIN : U85195GJ2013PTC075258

Envitro® LABORATORIES THE LEADING IN SCIENCE

ENVITRO LABORATORIES PVT. LTD.

ANALYTICAL, TESTING, RESEARCH, SCIENTIFIC TRADING AND TRAINING
CERTIFICATION SERVICES FOR FOOD, AGRICULTURE, ENVIRONMENT, CONSTRUCTION
MATERIAL, PHARMACEUTICALS, COSMETICS AND VARIOUS OTHER INDUSTRIES

TEST REPORT

TEST REPORT No. : E/2506376 DATE OF ISSUE: 30/06/2025
REPORT ISSUED To : Shree Tulsi Enterprise
ADDRESS : Rajkot
SAMPLE COLLECTED BY : Self
SAMPLE DESCRIPTION : City Compost

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K20)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm^2	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

REMARKS:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2 The test report pertains to the sample tested.
3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Envitro Laboratories Pvt. Ltd. Envitro Rajkot

Authorized Signatory
SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.
admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

3000

precitech
Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher (Khambhadiya Nagarpalika)		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	4.20	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	Black	In house	Dark Brown to Black
3.	Odour	--	No Foul Odour	In house	Absence of foul odour
4	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	1.5796	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	2.30	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	1.51	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	1.52	By Calculation	<20
11.	pH (5% solution)	--	8.16	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	0.488	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	4.19	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.76	EPA 3050 B Rev-2 1996	Max 50
17.	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	676	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No PL/QF/7.8/01

**********End of Report**********

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2426542, 2420995, 2424901
e mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

precitech Laboratories PVT. LTD.

TEST REPORT

Test Report Number	**PL/R&D/20240220001**	**Issue Date**	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	**Packing**	Plastic Bag
Sample Collection Date	NA	**Sample Receipt Date**	20/02/2024
Analysis Start Date	20/02/2024	**Analysis Completion Date**	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	**Sampling Procedure**	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	**4.20**	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	**Black**	In house	Dark Brown to Black
3.	Odour	--	**No Foul Odour**	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	**99.80**	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	**1.5796**	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	**2.30**	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	**1.51**	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	**0.003**	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	**1.08**	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	**1.52**	By Calculation	<20
11.	pH (5% solution)	--	**8.16**	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	**0.488**	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	**3**	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	**4.19**	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	**453**	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	**11.76**	EPA 3050 B Rev-2 1996	Max 50
17	Lead (as Pb)	mg/kg	**104**	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	**676**	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	**0.12**	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

**********End of Report**********

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

web: www.precitechlab.com

Envitro® LABORATORIES THE LEADING SCIENCE

ENVITRO LABORATORIES PVT. LTD.
ANALYTICAL, TESTING, RESEARCH, SCIENTIFIC TRADING AND TRAINING
CERTIFICATION SERVICES FOR FOOD, AGRICULTURE, ENVIRONMENT, CONSTRUCTION
MATERIAL, PHARMACEUTICALS, COSMETICS AND VARIOUS OTHER INDUSTRIES

TEST REPORT

TEST REPORT No.	: E/2506376
REPORT ISSUED To	: Shree Tulsi Enterprise
ADDRESS	: Rajkot
SAMPLE COLLECTED BY	: Self
SAMPLE DESCRIPTION	: City Compost

DATE OF ISSUE: 30/06/2025

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K2O)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm²	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

REMARKS:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from **The Director, ENVITRO LABORATORIES, RAJKOT.**
2 The test report pertains to the sample tested.
3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Envitro Laboratories Pvt. Ltd. Envitro Rajkot

Authorized Signatory
SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.
admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	12/12/2024	**Sample Identification**	**Compost**
Sample Receipt Date	12/12/2024	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	12/12/2024 to 14/12/2024	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/98

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	22.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.68	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.08	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.59	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	18.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.892	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.04	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	156	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.23	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.56	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	456	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

SHREE GREEN ENVIRONMENTAL LABORATORIES LLP
SGEL
SURAT

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	15/01/2025	**Sample Identification**	**Compost**
Sample Receipt Date	15/01/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	15/01/2025 to 18/01/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/01/137

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	23.1	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	97.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.61	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	18.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.03	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.55	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

TORIES

Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.9	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.6	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.743	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.88	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	148	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.47	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.65	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	466	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/02/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/02/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/02/2025 to 18/02/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/02/116

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.72	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.9	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.05	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.62	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.44	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.1	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.3	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.820	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.93	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.55	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	151	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.59	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	473	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

PCB Approved Schedule-II Environmental Auditor
CI-NABET Accredited Environment Consultant
oEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/03/2025	**Sample Identification**	**Compost**
Receipt Date	20/03/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/03/2025 to 24/03/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/03/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	21.4	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	96.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.51	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.02	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.54	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants & Environmental Laboratories

Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	19.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	7.1	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.26	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.5	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	11.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	137	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	5.16	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	2.5	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	428	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/04/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/04/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/04/2025 to 18/04/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/04/96

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	18.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	93.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.57	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	16.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	0.96	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.63	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants &
Environmental Laboratories

Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.2	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.73	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.98	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.5	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	143	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.51	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.7	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	416	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/176

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/05/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/05/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/05/2025 to 24/05/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/05/176

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	16.8	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	95.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.62	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	14.6	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.1	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.58	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants &
Environmental Laboratories

Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/175

Sr. No.	Parameters	Unit	Result	Test Method
Heavy Metal Content				
9	Arsenic	mg/Kg	<0.01	Schedule-IV, Part D (12) of FCO, 1985
10	Cadmium	mg/Kg	4.1	Schedule-IV, Part D (10) of FCO, 1985
11	Chromium	mg/Kg	12.2	Schedule-IV, Part D (10) of FCO, 1985
12	Copper	mg/Kg	130	Schedule-IV, Part D (10) of FCO, 1985
13	Mercury	mg/Kg	<0.01	Schedule-IV, Part D (11) of FCO, 1985
14	Nickel	mg/Kg	5.9	Schedule-IV, Part D (10) of FCO, 1985
15	Lead	mg/Kg	0.13	Schedule-IV, Part D (10) of FCO, 1985
16	Zinc	mg/Kg	567	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/06/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/06/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/06/2025 to 25/06/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/06/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV. Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	91.5	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.55	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.07	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.61	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green
Consultants &
Environmental Laboratories

Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.46	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	15.6	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.5	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.1	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.92	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.7	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	140	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.59	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.9	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	425	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

Shahera Nagarpalika

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/90**

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sample Identification**	**Compost**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/188

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	20.5	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	93.5	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.81	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	14.6	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.1	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.7	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green Consultants & Environmental Laboratories

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/90**

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.52	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	12.6	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	pH Unit	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.42	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.12	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	8.92	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	220	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	5.04	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.98	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	550	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/89**

TEST REPORT

SOLID FUEL SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sampling Point**	**RDF (Refuse Derived Fuel)**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Solid Fuel
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx. 500gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/189

RESULT TABLE

Sr. No.	Parameters	Unit	Result	RDF Standards as Guidelines on Usage of RDF published by MoHUA			Test Method
				RDF Grade-III	RDF Grade-II	RDF Grade -I	
1	Moisture at 105 °C	%	7.67	<20 %	<15 %	<10 %	APHA 24th Edition, 2023, Part-2000, Section: 2540 G
2	Gross Calorific Value (GCV)	Kcal/kg	4590	>3000 kcal/kg	>3750 kcal/kg	>4500 kcal/kg	IS 10158: 2019
3	Chlorine	%	<0.01	<1.0 %	<0.7 %	<0.5 %	SOP No. SGEL/SOP/SFR/07 (Issue No.: 01, Issue Date: 01/10/2022)
4	Sulphur	%	0.016	<1.5%	<1.5%	<1.5%	SOP No. SGEL/SOP/SFR/06 (Issue No.: 01, Issue Date: 01/10/2022)
5	Ash Content at 805 °C	%	9.50	<15%	<10%	<10%	IS 10158: 2019

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/88**

TEST REPORT
WINDROWS MATERIAL SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sample Identification**	**Windrows Material**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Solid Waste
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/190

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Test Method
1	Moisture	% By Weight	31.6	Schedule-IV, Part D (2) of FCO, 1985
2	Total Organic Carbon	% By Weight	28.5	Schedule-IV, Part D (5) of FCO, 1985
3	Total Nitrogen	% By Weight	0.71	Schedule-IV, Part D (6) of FCO, 1985
4	Total Phosphate (as P_2O_5)	% By Weight	0.55	Schedule-IV, Part D (8) of FCO, 1985
5	Total Potash (as K_2O)	% by Weight	0.52	Schedule-IV, Part D (9) of FCO, 1985
6	C/N Ratio	--	40.14	Schedule-IV, Part D (7) of FCO, 1985
7	pH (1:2.5 at 25°C)	pH Unit	7.1	Schedule-IV, Part D (1) of FCO, 1985
8	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	11.1	Schedule-IV, Part D (4) of FCO, 1985

Shree green
Consultants &
Environmental Laboratories

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/88**

Sr. No.	Parameters	Unit	Result	Test Method
	Heavy Metal Content			
9	Arsenic	mg/Kg	<0.01	Schedule-IV, Part D (12) of FCO, 1985
10	Cadmium	mg/Kg	7.92	Schedule-IV, Part D (10) of FCO, 1985
11	Chromium	mg/Kg	8.45	Schedule-IV, Part D (10) of FCO, 1985
12	Copper	mg/Kg	180	Schedule-IV, Part D (10) of FCO, 1985
13	Mercury	mg/Kg	<0.01	Schedule-IV, Part D (11) of FCO, 1985
14	Nickel	mg/Kg	6.42	Schedule-IV, Part D (10) of FCO, 1985
15	Lead	mg/Kg	1.5	Schedule-IV, Part D (10) of FCO, 1985
16	Zinc	mg/Kg	578	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

3023

PORBANDAR NAGARPALIKA

Envitro® LABORATORIES

ENVITRO LABORATORIES PVT. LTD.

Food, Environmental, Pharmaceuticals, Agricultuer & Soil Testing Laboratories

TEST REPORT

TEST REPORT No. : EL/Y/2310175 Date of Issue: 17/10/2023
REPORT ISSUED To : jay Vachhraj Roadways & Earthmovers – Porbandar
SAMPLE COLLECTED BY : Self
SAMPLE IDENTITY : City Compost

BRAND NAME : NM	BATCH NO.	DOM	DOE
QUANTITY : 5 kg	---	---	---
DATE OF RECEIPT	DATE OF START ANALYSIS : 12/10/2023		
12/10/2023	DATE OF COMPLETION OF ANALYSIS : 17/10/2023		

PHYSICO CHEMICAL PARAMETERS

Sl No.	TESTS / PARAMETER	LIMIT	UNIT OF MEASUREMENTS	RESULT
1.	pH	---	---	7.10
2.	C : N Ratio	---	<20	35.63

HEAVY METALS TESTS:

Sl No.	TESTS / PARAMETER	LIMIT	UNIT OF MEASUREMENTS	RESULT
1.	Arsenic	10.0	ppm	BDL (D.L.0.5)
2.	Cadmium	5.0	ppm	4.67
3.	Chromium	50.0	ppm	39.68
4.	Copper	300	ppm	102.24
5.	Mercury	0.15	ppm	BDL (D.L.0.5)
6.	Nickel	50.00	ppm	9.80
7.	Zinc	1000	ppm	226.89
8.	Lead	100.0	ppm	22.88

* BDL = Below Detection Limit, DL = Detection Limit

NOTE:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2 The test report pertains to the sample tested.
3 Sample not drawn by Lab representative.
4 All Above Parameters are not covered/not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Approved By
Authorized Signatory
HARDIK CHOVATIYA

Envitro Laboratories Pvt. Ltd. Envitro LABORATORIES Rajkot

Tested By
SUHANI GAJERA

BHARUCH NAGARPALIKA

Envitro® LABORATORIES THE LEADING EDGE IN SCIENCE

ENVITRO LABORATORIES PVT. LTD.
Food, Environmental, Pharmaceuticals, Agriculture & Soil Testing Laboratories

TEST REPORT

TEST REPORT No. : E/2503031 **Date of Issue: 04/03/2025**
REPORT ISSUED To : Madhav Enterprise - Bharuch
SAMPLE COLLECTED BY : Self
SAMPLE IDENTITY : City Compost

BRAND NAME: NM	DECLARED VALUE: ND		
QUANTITY	BATCH NO.	DOM	DOE
1 Kg	---	---	---
DATE OF RECEIPT	DATE OF START ANALYSIS : 03/03/2025		
03/03/2025	DATE OF COMPLETION OF ANALYSIS : 04/03/2025		

PHYSICO CHEMICAL PARAMETERS

Sl No.	TESTS / PARAMETER	LIMIT	UNIT OF MEASUREMENTS	RESULT
1.	pH	---	---	7.50
2.	C : N Ratio	---	<20	34.38

HEAVY METALS TESTS:

Sl No.	TESTS / PARAMETER	LIMIT	UNIT OF MEASUREMENTS	RESULT
1.	Arsenic	10.0	ppm	BDL (D.L.0.5)
2.	Cadmium	5.0	ppm	4.76
3.	Chromium	50.0	ppm	26.20
4.	Copper	300	ppm	103.21
5.	Mercury	0.15	ppm	BDL (D.L.0.5)
6.	Nickel	50.00	ppm	7.24
7.	Zinc	1000	ppm	214.02
8.	Lead	100.0	ppm	20.89

*** BDL = Below Detection Limit, DL = Detection Limit**

REMARKS:

1. This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2. The test report pertains to the sample tested.
3. Sample not drawn by Lab representative.
4. All Above Parameters are not covered/not accredited under NABL Scope of Accreditation.
5. The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Envitro Laboratories Pvt. Ltd. ★ Rajkot ★

Approved By
Authorized Signatory
MUKESH PARMAR

NAVSARI MUNICIPAL CORPORATION

POLLUCON LABORATORIES PVT. LTD.

TEST REPORT

QF/7.8/01

Customer's Name and Address :

EARTH ENVIRO WASTOCARE
SURVEY NO.699, NAVSARI MAHANAGARPALIKA
SOLID WASTE DISPOSAL SITE, BANDAR ROAD ,
NAVSARI -396421
NIKHILBHAI K JIYANI
MOB. 9909111074

Test Report No. : **PLPL/F/25/02/19/0013**
Issue Date : **27/02/2025**
Customer's Ref. : **Verbal**

Description of Sample	:	**Fertilizer Sample**	Quantity/No. of Samples	:	**250 gm/01**
Sampling By	:	**Sample Sent By Party**	Protocol (Purpose)	:	**QC**
Sample Receipt Date	:	**19/02/2025**	Lab ID	:	**PLPL/F/25/02/19/0013**
Packing/Seal	:	**Sealed**	Test of Parameters	:	**As Per Table**
Date of Starting of Test	:	**19/02/2025**	Date of Completion	:	**27/02/2025**
Identification of Sample	:	**City Compost#**			

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT	TEST METHOD
1	Moisture Content	%	11.27	The Fertilizer Control Order :2021
2	Particle Size	%	95.2% material pass through 4.0 mm IS sieve	The Fertilizer Control Order :2021
3	Bulk Density	gm/cm^3	0.85	The Fertilizer Control Order :2021
4	Total Organic Carbon	%	11.86	The Fertilizer Control Order :2021
5	Total of Nitrogen as N, Phosphate as P_2O_5 and Potash as K_2O	%	1.67	The Fertilizer Control Order :2021
6	pH	--	7.37	The Fertilizer Control Order :2021
7	Conductivity	dSm^{-1}	3.40	The Fertilizer Control Order :2021
8	C:N Ratio	--	14.3:1	The Fertilizer Control Order :2021
9	Arsenic as As	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
10	Cadmium as Cd	mg/kg	3.09	The Fertilizer Control Order :2021
11	Chromium as Cr	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
12	Copper as Cu	mg/kg	909	The Fertilizer Control Order :2021
13	Mercury as Hg	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
14	Nickel as Ni	mg/kg	24.85	The Fertilizer Control Order :2021
15	Lead as Pb	mg/kg	42.06	The Fertilizer Control Order :2021
16	Zinc as Zn	mg/kg	368	The Fertilizer Control Order :2021
17	**Pathogens**			
17.1	V. Cholerae	/25g	Absent	IS 5887 (P-5)
17.2	Salmonella	/25g	Absent	IS 5887 (P-3)
17.3	Pseudomonas	/g	Absent	IS 13428 (Annex-D)

: Detail given by customer

H. T. Shah
Lab. Manager

Sweety Jain
Microbiologist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No. 5 & 6, Opp.Balaji Industrial Society, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com

POLLUCON LABORATORIES PVT. LTD.

TEST REPORT

QF/7.8/01
Page: 1 of 1

Customer's Name and Address :

EARTH ENVIRO WASTOCARE **699, NAVSATI-VIJALPOR WASTE DISPOSAL SITE,** **NEAR GAYTRI MANDIR, BANDAR ROAD , NAVSARI.**	Test Report No. : **PLPL/23/02/07/0005** Issue Date : **11/02/2023** Customer's Ref. : **Verbal**

Description of Sample	: **Solid Sample**	Quantity/No. of Samples	: **03 kg/01**
Sampling By	: **Sample Sent By Party**	Protocol (purpose)	: **QC**
Sample Receipt Date	: **07/02/2023**	Lab ID	: **PLPL/23/02/07/0005**
Packing/ Seal	: **Sealed**	Test Parameters	: **As per Table**
Date of Starting of Test	: **07/02/2023**	Date of Completion of Test	: **11/02/2023**
Identification of Sample#	: **RDF (Fresh)**		

TEST RESULT

SR. NO.	PARAMETERS	UNIT	RESULT	TEST METHOD
1	Moisture @ 105°C	%	3.25	ASTM E 871 – 82
2	Volatile matters	%	54.05	ASTM E 872 – 82
3	Fixed Carbon	%	8.39	IS 1350 (PART 1)
4	Ash	%	34.31	ASTM D 110 – 84
5	CV	Kcal/kg	5678	ASTM E 711 – 87
6	Carbon	%	59.42	ASTM D 5291
7	Nitrogen	%	0.37	Kjeldahl Method
8	Hydrogen	%	2.94	ASTM D 5291
9	Sulfur	%	0.54	USEPA SW 846 Method 9038

: Detail given by customer.

H.T. Shah
Lab Manager

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Soc., Old Shantinath Silk Mill Lane, Navjivan Circle, Udhna Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750/51/75, Mo. 70166 05174, 70462 61750, WEB : www.polluconlab.com, E-mail : pollucon@gmail.com, quotation@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST REPORT

QF/7.8/01
Page: 1 of 1

Customer's Name and Address :

EARTH ENVIRO WASTOCARE **699, NAVSATI-VIJALPOR WASTE DISPOSAL SITE,** **NEAR GAYTRI MANDIR, BANDAR ROAD , NAVSARI.**	Test Report No. : **PLPL/23/02/07/0006** Issue Date : **11/02/2023** Customer's Ref. : **Verbal**

Description of Sample	: **Solid Sample**	Quantity/No. of Samples	: **03 kg/01**
Sampling By	: **Sample Sent By Party**	Protocol (purpose)	: **QC**
Sample Receipt Date	: **07/02/2023**	Lab ID	: **PLPL/23/02/07/0006**
Packing/ Seal	: **Sealed**	Test Parameters	: **As per Table**
Date of Starting of Test	: **07/02/2023**	Date of Completion of Test	: **11/02/2023**
Identification of Sample#	: **RDF (Legacy)**		

TEST RESULT

SR. NO.	PARAMETERS	UNIT	RESULT	TEST METHOD
1	Moisture @ 105°C	%	1.69	ASTM E 871 – 82
2	Volatile matters	%	54.65	ASTM E 872 – 82
3	Fixed Carbon	%	10.06	IS 1350 (PART 1)
4	Ash	%	33.60	ASTM D 110 – 84
5	CV	Kcal/kg	4856	ASTM E 711 – 87
6	Carbon	%	56.27	ASTM D 5291
7	Nitrogen	%	1.15	Kjeldahl Method
8	Hydrogen	%	2.52	ASTM D 5291
9	Sulfur	%	0.28	USEPA SW 846 Method 9038

: Detail given by customer.

H.T. Shah
Lab Manager

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Soc., Old Shantinath Silk Mill Lane, Navjivan Circle, Udhna Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750/51/75, Mo. 70166 05174, 70462 61750, WEB : www.polluconlab.com, E-mail : pollucon@gmail.com, quotation@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST REPORT

QF/7.8/01

Customer's Name and Address :

EARTH ENVIRO WASTOCARE
SURVEY NO.699, NAVSARI MAHANAGARPALIKA
SOLID WASTE DISPOSAL SITE, BANDAR ROAD ,
NAVSARI -396421
NIKHILBHAI K JIYANI
MOB. 9909111074

Test Report No. : **PLPL/F/25/02/19/0013**
Issue Date : **27/02/2025**
Customer's Ref. : **Verbal**

Description of Sample	: **Fertilizer Sample**		Quantity/No. of Samples	: **250 gm/01**	
Sampling By	: **Sample Sent By Party**		Protocol (Purpose)	: **QC**	
Sample Receipt Date	: **19/02/2025**		Lab ID	: **PLPL/F/25/02/19/0013**	
Packing/Seal	: **Sealed**		Test of Parameters	: **As Per Table**	
Date of Starting of Test	: **19/02/2025**		Date of Completion	: **27/02/2025**	
Identification of Sample	: **City Compost#**				

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT	TEST METHOD
1	Moisture Content	%	11.27	The Fertilizer Control Order :2021
2	Particle Size	%	95.2% material pass through 4.0 mm IS sieve	The Fertilizer Control Order :2021
3	Bulk Density	gm/cm^3	0.85	The Fertilizer Control Order :2021
4	Total Organic Carbon	%	11.86	The Fertilizer Control Order :2021
5	Total of Nitrogen as N, Phosphate as P_2O_5 and Potash as K_2O	%	1.67	The Fertilizer Control Order :2021
6	pH	--	7.37	The Fertilizer Control Order :2021
7	Conductivity	dSm^{-1}	3.40	The Fertilizer Control Order :2021
8	C:N Ratio	--	14.3:1	The Fertilizer Control Order :2021
9	Arsenic as As	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
10	Cadmium as Cd	mg/kg	3.09	The Fertilizer Control Order :2021
11	Chromium as Cr	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
12	Copper as Cu	mg/kg	909	The Fertilizer Control Order :2021
13	Mercury as Hg	mg/kg	LTAR(<0.1)	The Fertilizer Control Order :2021
14	Nickel as Ni	mg/kg	24.85	The Fertilizer Control Order :2021
15	Lead as Pb	mg/kg	42.06	The Fertilizer Control Order :2021
16	Zinc as Zn	mg/kg	368	The Fertilizer Control Order :2021
17	**Pathogens**			
17.1	V. Cholerae	/25g	Absent	IS 5887 (P-5)
17.2	Salmonella	/25g	Absent	IS 5887 (P-3)
17.3	Pseudomonas	/g	Absent	IS 13428 (Annex-D)

: Detail given by customer

Mr. H. T. Shah
Sr Chemist

Sweety

Sweety Jain
Microbiologist

Dr. Arun Bajpai
Authorised Signatory

Note: This report is subject to terms & conditions mentioned overleaf.

End of Report

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Soc., Old Shantinath Silk Mill Lane, Navjivan Circle, Udhna Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750/51/75, Mo. 70166 05174, 70462 61750, WEB : www.polluconlab.com, E-mail : pollucon@gmail.com, quotation@polluconlab.com

BHAVNAGAR MUNICIPAL CORPORATION

3033

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**Mahavir Enterprise** Office No : 209/ Wing/ A, 2nd Floor, Leela Efcee, Nr.Aksharwadi Temple, Waghwadi Road, Bhavnagar, Bhavnagar, Gujarat **Phone No :** 9825204502 **Email :** mahavir8135@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07240224005/NS** : 24/02/2024 : 29/02/2024 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 500 gm	**Mfg. Date**	: N.M.
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/02/2024	**Date of Completion**	: 29/02/2024

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	20.61	FCO-1985	Max. 25%
4	Bulk Density g/cm3	0.9569	FCO-1985	Max. 1.2
5	Total of Nitrogen (as N) +Phosphate (as P2O5)+Potash (as K2O) %	3.22	FCO-1985	Min. 1.2
6	Total Nitrogen (as N) %	0.98	FCO-1985	Min.0.80
7	Total Phosphates (as P2O5) %	1.25	FCO-1985	Min. 0.40
8	Total Potash (as K2O) %	0.99	FCO-1985	Min. 0.40
9	Total Organic Carbon %	16.20	FCO-1985	Min.12
10	C:N Ratio	16:1	FCO-1985	Max. 20
11	pH (50% solution)	7.12	FCO-1985	6.0 to 8.0
12	Conductivity dsm-1 (20 % Solution)	4.0	FCO-1985	Max. 6.0
13	Partical Size (Passes through 4 mm IS Sieve) %	97.56	FCO-1985	Min. 90%
14	Copper (as Cu) mg/kg	19.87	FCO-1985	Max. 300 mg/kg
15	Lead (as Pb) mg/kg	16.50	FCO-1985	Max. 100 mg/kg
16	Nickel (as Ni) mg/kg	6.38	FCO-1985	Max. 50 mg/kg
17	Zinc (as Zn) mg/kg	198.20	FCO-1985	Max. 1000 mg/kg

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

Test Report No : GTL/07240224005/NS

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
18	Chromium (as Cr) mg/kg	20.65	FCO-1985	Max. 50 mg/kg
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Opinion : In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

For NABL Scope

Mamta Bhavsar
Reviewed By

For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor
Autho. Signatory

3035

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**Mahavir Enterprise** Office No : 209/ Wing/ A, 2nd Floor, Leela Efcee, Nr.Aksharwadi Temple, Waghwadi Road, Bhavnagar, Bhavnagar, Gujarat **Phone No :** 9825204502 **Email :** mahavir8135@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07240224005/NS** : 24/02/2024 : 29/02/2024 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 500 gm	**Mfg. Date**	: N.M.
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/02/2024	**Date of Completion**	: 29/02/2024

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	20.61	FCO-1985	Max. 25%
4	Bulk Density g/cm3	0.9569	FCO-1985	Max. 1.2
5	Total of Nitrogen (as N) +Phosphate (as P2O5)+Potash (as K2O) %	3.22	FCO-1985	Min. 1.2
6	Total Nitrogen (as N) %	0.98	FCO-1985	Min.0.80
7	Total Phosphates (as P2O5) %	1.25	FCO-1985	Min. 0.40
8	Total Potash (as K2O) %	0.99	FCO-1985	Min. 0.40
9	Total Organic Carbon %	16.20	FCO-1985	Min.12
10	C:N Ratio	16:1	FCO-1985	Max. 20
11	pH (50% solution)	7.12	FCO-1985	6.0 to 8.0
12	Conductivity dsm-1 (20 % Solution)	4.0	FCO-1985	Max. 6.0
13	Partical Size (Passes through 4 mm IS Sieve) %	97.56	FCO-1985	Min. 90%
14	Copper (as Cu) mg/kg	19.87	FCO-1985	Max. 300 mg/kg
15	Lead (as Pb) mg/kg	16.50	FCO-1985	Max. 100 mg/kg
16	Nickel (as Ni) mg/kg	6.38	FCO-1985	Max. 50 mg/kg
17	Zinc (as Zn) mg/kg	198.20	FCO-1985	Max. 1000 mg/kg

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

Test Report No : GTL/07240224005/NS

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
18	Chromium (as Cr) mg/kg	20.65	FCO-1985	Max. 50 mg/kg
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Opinion : In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

For NABL Scope

Mamta Bhavsar
Reviewed By

For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor
Autho. Signatory

3037

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**Mahavir Enterprise** Office No : 209/ Wing/ A, 2nd Floor, Leela Efcee, Nr.Aksharwadi Temple, Waghwadi Road, Bhavnagar, Bhavnagar, Gujarat **Phone No :** 9825204502 **Email :** mahavir8135@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07240224005/NS** : 24/02/2024 : 29/02/2024 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 500 gm	**Mfg. Date**	: N.M.
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/02/2024	**Date of Completion**	: 29/02/2024

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	20.61	FCO-1985	Max. 25%
4	Bulk Density g/cm3	0.9569	FCO-1985	Max. 1.2
5	Total of Nitrogen (as N) +Phosphate (as P2O5)+Potash (as K2O) %	3.22	FCO-1985	Min. 1.2
6	Total Nitrogen (as N) %	0.98	FCO-1985	Min.0.80
7	Total Phosphates (as P2O5) %	1.25	FCO-1985	Min. 0.40
8	Total Potash (as K2O) %	0.99	FCO-1985	Min. 0.40
9	Total Organic Carbon %	16.20	FCO-1985	Min.12
10	C:N Ratio	16:1	FCO-1985	Max. 20
11	pH (50% solution)	7.12	FCO-1985	6.0 to 8.0
12	Conductivity dsm-1 (20 % Solution)	4.0	FCO-1985	Max. 6.0
13	Partical Size (Passes through 4 mm IS Sieve) %	97.56	FCO-1985	Min. 90%
14	Copper (as Cu) mg/kg	19.87	FCO-1985	Max. 300 mg/kg
15	Lead (as Pb) mg/kg	16.50	FCO-1985	Max. 100 mg/kg
16	Nickel (as Ni) mg/kg	6.38	FCO-1985	Max. 50 mg/kg
17	Zinc (as Zn) mg/kg	198.20	FCO-1985	Max. 1000 mg/kg

MANDVI NAGAR SEVA SADAN • MANDVI (KUTCH)

Gujarat Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
Email : gujlab@gmail.com
gujlab.info@gmail.com
Web : www.gujaratlaboratory.com

Test Report No : GTL/07240224005/NS

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
18	Chromium (as Cr) mg/kg	20.65	FCO-1985	Max. 50 mg/kg
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Opinion : In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

For NABL Scope

Mamta Bhavsar
Reviewed By

For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor
Autho. Signatory

MANDVI NAGAR SEVA SADAN MANDVI (KUTCH)

PETLAD
NAGARPALIKA

3040

Analytical & Environmental Services

ISO 9001:2015 Certified Laboratory

350, GIDC, Makarpura Industrial Estate,
Baroda - 390 010, Gujarat, India.

NS/0262/2025/22/05/2025		Date Of Issue: 25.05.2025
NS/0262/2025/22/05/2025		Date Of Receipt: 25.05.2025
PETLAD NAGARPALIKA, PETLAD		
CHIEF OFFICER, PETLAD		
POST BOX - 1, STATION ROAD, PETLAD		
KRUNAL PATEL		Mfg Date: NA
City Compost Material from Petlad City Waste		Exp Date: NA
Sample Packed in Plastic Bag		
15/04/2025 to 15/05/2025		

PHYSICALANDCHEMICALCHERACTERISTICSOFMSWCOMPOST

Sr. No.	Parameter	Value	Nutrient	Value
1	Colour and Odour	Brown and Earthy Smell	Total(N%)	0.896±0.03
2	Moisture Content(%)	25± 1.56	K(%)	0.45±0.02
3	Water Holding Capacity(ml/kg)	840±	P(%)	0.30±0.01
4	Bulk Density(g/cc)	0.587±0.02	S(%)	0.46±0.02
5	Particle Density(g/cc)	1.17±0.05	Ca(mg/kg)	13636±85.5
6	Porosity(%)	49.80 ±2.6	Fe(mg/kg)	8939±55.5
7	Ph (Compost: Water=1:2.5)	7.3±0.30	Mg(mg/kg)	2386±22.15
8	EC (ds/m)	2.6±0.49		
9	Organic Matter	22.5±1.75		
10	C:NRatio	14.5±1.12		

End of Report

For Analytical & Environmental Services
Authorized Signatory

K. A. Patel
Co-Ordinator

REMARKS The sample was collected and submitted by the costumer.
The results of the report are limited only to the sample submitted.
The report can not be used for any legal purpose.
The report shall not be reproduced except in full, without written approval of the Laboratory (Analytical and Environment Services).

3041

Analytical & Environmental Services

ISO 9001:2015 Certified Laboratory

350, GIDC, Makarpura Industrial Estate,
Baroda - 390 010, Gujarat, India.

NS/0226/2025/22/11/2024		Date Of Issue: 25.11.2024
NS/0226/2025/22/11/2024		Date Of Receipt: 22.11.2024
PETLAD NAGARPALIKA, PETLAD		
CHIEF OFFICER, PETLAD		
POST BOX - 1, STATION ROAD, PETLAD		
KRUNAL PATEL		Mfg Date: NA
City Compost Material from Petlad City Waste		Exp Date: NA
Sample Packed in Plastic Bag		
22/11/2024 to 22/12/2024		

PHYSICALANDCHEMICALCHERACTERISTICSOFMSWCOMPOST

Sr. No.	Parameter	Value	Nutrient	Value
1	ColourandOdour	BrownandEarthy Smell	Total(N%)	0.896±0.03
2	MoistureContent(%)	25± 1.56	K(%)	0.45±0.02
3	WaterHolding Capacity(ml/kg)	840±	P(%)	0.30±0.01
4	BulkDensity(g/cc)	0.587±0.02	S(%)	0.46±0.02
5	ParticleDensity(g/cc)	1.17±0.05	Ca(mg/kg)	13636±85.5
6	Porosity(%)	49.82 ±2.6	Fe(mg/kg)	8939±55.5
7	Ph(Compost:Water=1:2.5)	7.3±0.30	Mg(mg/kg)	2386±22.15
8	EC(ds/m)	2.6±0.49		
9	OrganicMatter	22.5±1.75		
10	C:NRatio	14.5±1.12		

End of Report

For Analytical & Environmental Services
Authorized Signatory

K. A. Patel
Co-Ordinator

REMARKS The sample was collected and submitted by the costumer.
The results of the report are limited only to the sample submitted.
The report can not be used for any legal purpose.
The report shall not be reproduced except in full, without written approval of the Laboratory (Analytical and Environment Services).

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green
ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/90**

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sample Identification**	**Compost**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/188

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	20.5	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	93.5	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.81	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	14.6	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.1	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.7	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

Shree green Consultants & Environmental Laboratories

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/90**

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.52	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	12.6	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	pH Unit	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.42	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.12	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	8.92	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	220	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	5.04	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.98	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	550	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/89**

TEST REPORT

SOLID FUEL SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sampling Point**	**RDF (Refuse Derived Fuel)**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Solid Fuel
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx. 500gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/189

RESULT TABLE

Sr. No.	Parameters	Unit	Result	RDF Standards as Guidelines on Usage of RDF published by MoHUA			Test Method
				RDF Grade-III	RDF Grade-II	RDF Grade -I	
1	Moisture at 105 °C	%	7.67	<20 %	<15 %	<10 %	APHA 24th Edition, 2023, Part-2000, Section: 2540 G
2	Gross Calorific Value (GCV)	Kcal/kg	4590	>3000 kcal/kg	>3750 kcal/kg	>4500 kcal/kg	IS 10158: 2019
3	Chlorine	%	<0.01	<1.0 %	<0.7 %	<0.5 %	SOP No. SGEL/SOP/SFR/07 (Issue No.: 01, Issue Date: 01/10/2022)
4	Sulphur	%	0.016	<1.5%	<1.5%	<1.5%	SOP No. SGEL/SOP/SFR/06 (Issue No.: 01, Issue Date: 01/10/2022)
5	Ash Content at 805 °C	%	9.50	<15%	<10%	<10%	IS 10158: 2019

ANALYZED BY

CHECKED BY

AUTHORISED SIGNATORY

Lab : 209,SNS Platina, Nr. Reliance Market, Opp. Shrenik Residency, Vesu, Surat-395 007
Branch Office Bharuch: Plot No. D-2/CH 286/287, Jolva Dahej Tal-Vagra, Dist Bharuch, 392130
Head Off.: Shree Green Consultants, 505, SNS Platina Vesu, Surat
Call : +91 9712916777 95109 71840
Web : www.shreegreen.com

GPCB Approved Schedule-II Environmental Auditor
QCI-NABET Accredited Environment Consultant
MoEF&CC Accredited Laboratory (EPA-1986)

NABL Accredited Laboratory - ISO/IEC 17025:2017
ISO 45001:2018 Certified

Shree green ENVIRONMENTAL LABORATORIES
(A Shree Green Group Company)
A step towards Sustainable Environment

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/88**

TEST REPORT
WINDROWS MATERIAL SAMPLE ANALYSIS REPORT

Name of Client	**Sahera Nagarpalika**		
Legal Name	Madhav Enterprise		
Address	22, Tirth Nagar Society, Behind TVS Showroom, Ankleshwar-393001		
Sampling Date	Not Applicable	**Sample Identification**	**Windrows Material**
Sample Receipt Date	**15/08/2023**	**Sample Description**	Solid Waste
Sample Analyzed and Completion Date	**16/08/2023 to 20/08/2023**	**Sample Collected By**	Sample Sent by Client
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/190

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Test Method
1	Moisture	% By Weight	31.6	Schedule-IV, Part D (2) of FCO, 1985
2	Total Organic Carbon	% By Weight	28.5	Schedule-IV, Part D (5) of FCO, 1985
3	Total Nitrogen	% By Weight	0.71	Schedule-IV, Part D (6) of FCO, 1985
4	Total Phosphate (as P_2O_5)	% By Weight	0.55	Schedule-IV, Part D (8) of FCO, 1985
5	Total Potash (as K_2O)	% by Weight	0.52	Schedule-IV, Part D (9) of FCO, 1985
6	C/N Ratio	--	40.14	Schedule-IV, Part D (7) of FCO, 1985
7	pH (1:2.5 at 25°C)	pH Unit	7.1	Schedule-IV, Part D (1) of FCO, 1985
8	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	11.1	Schedule-IV, Part D (4) of FCO, 1985

Shree green Consultants & Environmental Laboratories

Issue Date	**21/08/2023**
Report No.	**SGPL/REP/2023/12/88**

Sr. No.	Parameters	Unit	Result	Test Method
	Heavy Metal Content			
9	Arsenic	mg/Kg	<0.01	Schedule-IV, Part D (12) of FCO, 1985
10	Cadmium	mg/Kg	7.92	Schedule-IV, Part D (10) of FCO, 1985
11	Chromium	mg/Kg	8.45	Schedule-IV, Part D (10) of FCO, 1985
12	Copper	mg/Kg	180	Schedule-IV, Part D (10) of FCO, 1985
13	Mercury	mg/Kg	<0.01	Schedule-IV, Part D (11) of FCO, 1985
14	Nickel	mg/Kg	6.42	Schedule-IV, Part D (10) of FCO, 1985
15	Lead	mg/Kg	1.5	Schedule-IV, Part D (10) of FCO, 1985
16	Zinc	mg/Kg	578	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

UPLETA
NAGARPALIKA

precitech
Laboratories PVT LTD.

TEST REPORT

Test Report Number	**PL/WS/20230720030**	**Issue Date**	Jan 24, 2024
Customer Name & Address	Precitech Laboratories Pvt. Ltd. Vapi.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Ground Water -Nr. Upleta Nagarpalika Dump Site		
Sample Description	Colourless Liquid		
Sample Quantity	1 lit.	**Packing**	Plastic Bottle With Sterile Glass Bottle
Sample Collection Date	19/01/2024	**Sample Receipt Date**	19/01/2024
Analysis Start Date	20/01/2024	**Analysis Completion Date**	24/01/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected By Client.	**Sampling Procedure**	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Odour	--	Agreeable	APHA23rd Ed 2017-2150	NS
2.	Colour	c.u.	<1	APHA 23rd Ed 2017-2120 B&C	NS
3.	Turbidity	NTU	0.2	APHA23rdEd 2017-2130-B	NS
4.	pH	-	7.65	APHA23rdEd 2017-4500 pH	NS
5.	Total Dissolved Solids	mg/L	170	APHA23rdEd 2017-2540-C	NS
6.	Total Hardness (as $CaCO_3$)	mg/L	65	APHA23rdEd 2017-2340 C	NS
7.	Alkalinity (as $CaCO_3$)	mg/L	81	APHA23rdEd 2017-2320 B	NS
8.	Residual Free Chlorine	mg/L	<0.1	APHA23rdEd 2017-4500-ClB	NS
9.	Chloride (as Cl)	mg/L	20	APHA23rdEd 2017-4500 ClB	NS
10.	Iron (as Fe)	mg/L	<0.2	IS 3025 (Part-53)2003 (RA-2019)	NS
11.	Calcium (as Ca)	mg/L	20	APHA23rdEd 2017-3500 Ca B	NS
12.	Magnesium (as Mg)	mg/L	4	APHA23rdEd 2017-3500 Mg B	NS
13.	Nitrate (as NO_3)	mg/L	1.5	APHA23rdEd 2017-4500 NO_3 B	NS
14.	Fluoride (as F)	mg/L	<0.05	EPA 340.2 - 1974	NS
15.	Zinc (as Zn)	mg/L	<0.2	IS 3025 (Part -49)1994(RA-2019)	NS
16.	Sulphate (as SO_4^{-2})	mg/L	1	APHA23rd Ed 2017-4500 SO_4^{-2}E	NS
17.	Total Coliform	Present or Absent /250 ml	Absent	IS 15185:2016	NS
18.	E .coli	Present or Absent /250 ml	Absent	IS 15185 :2016	NS

Part D: REMARKS:

Part E: ABBREVIATIONS; NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf

Verified By	Authorised Signatory	Authorised Signatory
Kajal Patel Sr.Chemist	Ravina Gore Microbiologist	Annushya Patel Deputy Manager

QF No PL/QF/7.8/01

**********End of Report**********

TECH SOLUTION
Proprietor

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258
web: www.precitechlab.com

2

Precitech Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/SS/20230720033	Issue Date	Jan 24, 2024
Customer Name & Address	Precitech Laboratories Pvt. Ltd. Vapi.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Sample (Pardi)		
Sample Description	Brown Colour Soil		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	19/01/2024	Sample Receipt Date	19/01/2024
Analysis Start Date	20/01/2024	Analysis Completion Date	24/01/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	pH (5% solution)	—	7.95	DIRD	NS
2.	Cadmium (as Cd)	mg/kg	<0.2	DA&CMAGI	NS
3.	Chromium (as Cr)	mg/kg	<0.2	DA&CMAGI	NS
4.	Copper (as Cu)	mg/kg	4.22	DA&CMAGI	NS
5.	Nickel (as Ni)	mg/kg	1.31	DA&CMAGI	NS
6.	Lead (as Pb)	mg/kg	0.60	DA&CMAGI	NS
7.	Zinc (as Zn)	mg/kg	5	DA&CMAGI	NS
8.	Mercury (as Hg)	mg/kg	<0.2	EPA 7471 A	NS
9.	Arsenic (as As)	mg/kg	<0.1	EPA 7061 A	NS
10.	C:N Ratio	–	10.07	By Calculation	NS
11.	Total Organic Carbon	%	5.24	DA & CMAGI	NS
12.	Total Kjeldahl Nitrogen	%	0.52	DA & CMAGI	NS

Part D: REMARKS: -

Part E: ABBREVIATIONS: DA&CMAGI- Department of Agriculture & Cooperation Ministry of Agriculture Government of India, A- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Verified By
Kajal Patel
Sr. Chemist

Authorised Signatory
Annushya Patel
Deputy Manager

QF No.PL/QF/7.8/01

********End of Report*********

ઉમરગામ નગરપાલિકા
તા. 05 FEB 2025
ઇનવર્ડ નં. ૨૫૨૬૮

શ્રી મૌની. ઈન્ફ્રા

કુલ પેઈજ 6

05/02/25

TECH SOLUTION
Proprietor

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
CIN: U85195GJ2013PTC075258

web: www.precitechlab.com

precitech
Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/N/20230720032	**Issue Date**	Jan 24, 2024
Customer Name & Address	Precitech Laboratories Pvt. Ltd. Vapi		
Customer Ref. No & Date	NM		
Part A: SAMPLE PARTICULARS			
Sample Name	Ambient Noise Level Monitoring -Day Time		
Sample Collection Date	20/01/2024	**Sample Receipt Date**	20/01/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by us		
Sampling Location	Upleta Nagarpalika Dump Site		
Sampling Procedure	IS 9989:1981		
Sampling Instrument	Digital Sound Level Meter		
Any Other Information	-		

Part C: TEST RESULTS

Sr. No.	Specified Work Place	Unit	Results	Method	Specification/ Limits
1.	Nearby Trommel	dB(A)	73	IS 9989:1981	75
2.	Nearby Generator	dB(A)	71	IS 9989:1981	75

Part D: REMARKS:-

Part E: ABBREVIATIONS: -

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M.Rana
Verified by

(Prashant Bridkar)
Authorised Signatory

********** End of Report *•"»>********»

QF No. PL/QF/7.8/04

TECH SOLUTION
Proprietor

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot NO.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258
web: www.precitechlab.com

4

precitech
Laboratories PVT. LTD

TEST REPORT

Test Report Number	PL/AA/20230720030	Issue Date	Jan 24, 2024
Customer Name & Address	Precitech Laboratories Pvt. Ltd. Vapi		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Ambient Air Monitoring		
Sample Collection Date	19/01/2024	Sample Receipt Date	19/01/2024
Analysis Start Date	20/01/2024	Analysis Completion Date	24/01/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected By us		
Sampling Location	Upleta Nagarpalika Dump Site		
Sampling Procedure	IS 5182 (Part 5)-1975 (RA2014)		
Sampling Instrument	RDS APM 460 BL & FPS APM 550		
Sampling Duration	24 Hrs.	Weather Condition	Clear
Ambient Temperature (°C)	29	Humidity (%)	62
Any Other Information	NM		

Part C:TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification / Limits
1.	Particulate Matter (PM_{10})	pg/m^3	65	IS: 5182 (Part 23)-2006 (RA2017)	100
2.	Particulate Matter ($PM_{2.5}$)	pg/m^3	25	SOP No. 120 Issue No.03 Issue Date March 2021: 2024	60
3.	Sulphur Dioxide (SO_2)	pg/m^3	15	IS: 5182 (Part 2)-2001 (RA2017)	80
4.	Nitrogen Dioxide (NO_2)	pg/m^3	19	IS: 5182 (Part 6)-2006 (RA2017)	80
5.	Carbon Monoxide (CO)	mg/m^3	0.11	IS:5182 (Part 10)-1999 (RA2014)	2
6.	Ammonia (NH_3)	pg/m^3	<10	CPCB Guideline-NAAQMS & Analysis-Volume-I	400
7.	Hydrocarbon (as methane)	mg/m^3	0.09	IS:5182 (Part 17)-1979	NS

Part D: REMARKS: -

Part E: ABBREVIATIONS: - NM-Not Mentioned.

Note: This report is subjected to the terms and conditions mentioned overleaf

R.M. Rana
Verified by

(Prashant Bhidkar)
Authorised Signatory

********** End of Report **********

QF No. PL/QF/7.8/02

TECH SOLUTION
Proprietor

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot NO.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425542, 2420995, 2424901
e-mail: vapi@precitechlab.com
CIN : U85195GJ2013PTC075258
web : www.precitechlab.com

5

9. Final Deliverables

- Reclaimed land ready for proposed use.
- Documentation of all processes and results.
- Final environmental impact assessment report.
- Recommendations for long-term waste management.

This action plan ensures a structured approach to the remediation and processing of the 7000 MT waste dumpsite, with a focus on sustainability and compliance with environmental standards.

TECH SOLUTION
Nr. Panchal Hospital
Bhoravada, Godhra
Mo. 9824157963
Techsolution99@gmail.com

Sincerely Yours,
Tech Solution

TECH SOLUTION
Proprietor

- **Phase 4: Land Reclamation**
  - Removal of residual waste.
  - Application of topsoil and plantation (By ULB)
  - Development of green spaces or other planned utilities. (By ULB)

4. Resource Plan

- **Manpower:**
  - Supervisors: 1
  - Workers (segregation, operations): 3
- **Equipment:**
  - Trommel machines
  - Excavators
  - Conveyor systems
  - Air quality monitoring equipment
- **Materials:**
  - Cover material for capping
  - Composting additives (if needed)

5. Timeline

NO	ACTIVITY	DURATION
1	Site Assessment	2 Weeks
2	Segregation Setup	1 Weeks
3	Waste Segregation & Treatment	1 Months
4	Land Reclamation	1 Months

6. Monitoring and Evaluation

- **Key Metrics:**
  - Volume of waste processed (MT/day).
  - Recyclable materials recovered.
  - Compost quality and quantity.
  - Reduction in pollution levels (water, air, soil).
- **Reporting Frequency:**
  - Weekly operational reports.
  - Monthly environmental compliance reports.

7. Compliance and Approvals

- Follow guidelines as per Solid Waste Management Rules, 2016.
- Engage certified agencies for hazardous waste management.

8. Stakeholder Engagement

- Conduct community awareness programs on the remediation process.
- Regular updates to local authorities and stakeholders.
- Transparency in operations through public reports.

TECH SOLUTION
Proprietor

VADODARA MUNICIPAL CORPORATION

3055

PRAKRUTI

TEST REPORT
(WASTE)

Customer	Zigma Global Environ Solutions Pvt. Ltd.	Ref. No.:	25260865
Location:	RS. 346, Makarpura Landfill Site, Makarpura, Gochar NH 08, Vadodara, Gujarat, Pin - 390010	Report Date:	15/05/2025
		Analysis Date:	05/05/2025
Authorised Person:	Mr. Jayanth Umapathi	Receipt Date:	02/05/2025
Sample Description:	Inert Soil Segregated from Municipal Solid Waste	Receipt Time:	18:00
Sampling Point:	From Soil Output Conveyer (-18 mm)	Received By:	Kiran
Sample Type:	Grab	Collection Date:	02/05/2025
Field Observation:	-	Collection Time:	15:00
Sampling Method:	SOP-04, Issue No. 01, Amend No.:--,	Collected By:	Manubhai
Applicable Standard:	Soil Waste Management Rules, 2016		

CHEMICAL TESTING: POLLUTION AND ENVIRONMENT

SN	PARAMETERS	UNITS	METHOD REFERENCE	ANALYST	RESULTS	PERMISSIBLE LIMIT
1	pH	--	IS: 2720 (Part 26): 1989	Kanishma	8.26	6.5 - 7.5
2	Carbon/ Nitrogen Ratio	--	SOP-TEST-10, Issue No. 01, Amend No.:--, Issue Dt.: 15.09.2024	Kanishma	187.55	< 20.0
3	Organic Carbon	%	IS 2720 (Part 22): 1972	Kanishma	31.25	≥ 12.0
4	Electrical Conductivity	µS/cm	IS 14767: 2000	Kanishma	15,500.00 (1.55 dS/m)	< 4.0 dS/m
5	Nitrogen (Total as N)	%	IS 14684: 1999	Kanishma	0.17	≥ 0.8
6	Phosphorus (as P_2O_5)	%	SOP-TEST-07, Issue No. 01, Amend No.:--, Issue Dt.: 15.09.2024	Kanishma	0.64	≥ 0.4
7	Potassium (as K_2O)	%	EPA 3050 B: 1996 & APHA 3500-K B: 2023	Kanishma	0.58	≥ 0.4

Remarks:
1. BDL: Below Detectable Limit, DL: Detectable Limit
2. Carbon/Nitrogen Ratio & Nitrogen parameters are not meeting the above stated standards, hence as per Solid Waste Management Rules, 2016 the product shall not be used as compost for food crops. However, it may be utilized for purposes other than growing food crops.

Checked By: G. M. Desai (Lab in-charge) Authorised Signatory: Krishna Desai (Partner)

Note:
1. The above tests are not accredited by NABL.
2. The results refer only to the tested sample(s) and applicable parameter(s).
3. Sample(s) will be destroyed after 10 days from the report date unless otherwise specified.
4. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers LLP.
5. Prakruti Environmental Engineers LLP is not responsible for the authenticity of the sample(s) not collected by our Environmental Laboratory.
6. Measurement Uncertainty is not mentioned in the test report and the same can be communicated to the customer on request.

End of Report

J. Smalan

Prakruti Environmental Engineers LLP
"PRAKRUTI" 3rd & 4th Floor, Next to Sansewani Distributory Center,
On Bill Road, Village Bil, Vadodara - 391 410, Gujarat, India.
Contact No.: +91 265 2356171, 9429673456, 9408100837, 9408100867, 9408100873
Email: info@prakruti.co.in • Web: www.prakruti.co.in

Zigma Global Environ Solutions Pvt. Ltd. ERODE 638011

111

PRAKRUTI

TEST REPORT
(WASTE)

Customer	Zigma Global Environ Solutions Pvt. Ltd.	Ref. No.:	25260965
Location:	RS. 340, Makarpura Landfill Site, Makarpura Gorwa NH 08, Vadodara, Gujarat, Pin - 390010	Report Date:	15/05/2025
		Analysis Date:	05/05/2025
Authorised Person:	Mr. Jayanth Umapathi	Receipt Date:	02/05/2025
Sample Description:	Inert Soil Segregated from Municipal Solid Waste	Receipt Time:	18:00
Sampling Point:	From Soil Output Conveyer (18 mm)	Received By:	Kiran
Sample Type:	Grab	Collection Date:	02/05/2025
Field Observation:		Collection Time:	15:00
Sampling Method:	SOP-04, Issue No. 01, Amend No. -, Issue Dt. 15.09.2024	Collected By:	Manubhai
Applicable Standard:	Hazardous & Other Waste Management Rules, 2016		

CHEMICAL TESTING: POLLUTION AND ENVIRONMENT

SN	PARAMETERS	UNITS	METHOD REFERENCE	ANALYST	RESULTS	PERMISSIBLE LIMIT
1	Arsenic (as As)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
2	Mercury (as Hg)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	0.2
3	Lead (as Pb)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
4	Cadmium (as Cd)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	1
5	Chromium (Total as Cr)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
6	Copper (as Cu)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	25
7	Nickel (as Ni)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	20
8	Zinc (as Zn)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	2.48	250

Remarks:
1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G. M. Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

Note:
1. The above tests are accredited by NABL
2. The results refer only to the tested sample(s) and applicable parameter(s).
3. Sample(s) will be destroyed after 10 days from the report date unless otherwise specified.
4. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers LLP.
5. Prakruti Environmental Engineers LLP is not responsible for the authenticity of the sample(s) not collected by our Environmental Laboratory.
6. Measurement Uncertainty is not mentioned in the test report and the same can be communicated to the customer on request.

End of Report

Prakruti Environmental Engineers LLP
"PRAKRUTI" 3rd & 4th Floor, Next to Sansawan Distributory Canal,
On B/s Road, Village Bil, Vadodara - 391 410, Gujarat, India
Contact No.: +91 265 2356171, 9429873456, 9409100037, 9409100067, 9409100073
Email: info@prakruti.co.in • Web: www.prakruti.co.in

Zigma Global Environ Solutions Pvt. Ltd. ERODE 638011

112

3057

PRAKRUTI

TEST REPORT
(WASTE)

Customer	Zigma Global Environ Solutions Pvt. Ltd.	Ref. No.:	25260867
Location:	RS. 348, Makarpura Landfill Site, Makarpura, Gocha- NH 08, Vadodara, Gujarat. Pin - 390010	Report Date:	15/05/2025
		Analysis Date:	05/05/2025
Authorised Person:	Mr. Jayanth Umapathi	Receipt Date	02/05/2025
Sample Description:	Stones Segregated from Municipal Solid Waste	Receipt Time:	18:30
Sampling Point:	C & D Output Conveyer	Received By:	Kiran
Sample Type:	Grab	Collection Date:	02/05/2025
Field Observation:		Collection Time:	15:20
Sampling Method:	SOP-04, Issue No. 01, Amend No.--, Issue Dt. 15.09.2024	Collected By:	Manubhai
Applicable Standard:	Soil Waste Management Rules, 2016		

CHEMICAL TESTING: POLLUTION AND ENVIRONMENT

SN	PARAMETERS	UNITS	METHOD REFERENCE	ANALYST	RESULTS	PERMISSIBLE LIMIT
1	pH	--	IS: 2720 (Part 26): 1989	Karishma	8.65	--
2	Carbon/ Nitrogen Ratio	--	SOP-TEST-10, Issue No. 01, Amend No.--, Issue Dt. 15.09.2024	Karishma	72.44	
3	Organic Carbon	%	IS 2720 (Part 22): 1972	Karishma	17.24	--
4	Electrical Conductivity	µS/cm	IS 14767: 2000	Karishma	799.00 (0.79 dS/m)	--
5	Nitrogen (Total as N)	%	IS 14684: 1999	Karishma	0.24	--
6	Phosphorus (as P_2O_5)	%	SOP-TEST-07, Issue No. 01, Amend No.--, Issue Dt.: 15.09.2024	Karishma	0.92	--
7	Potassium (as K_2O)	%	EPA 3050 B: 1996 & APHA 3500-K B: 2023	Karishma	0.51	--

Remarks:
1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G. M. Desai (Lab in-charge) Authorised Signatory: Krishna Desai (Partner)

Note:
1. The above tests are not accredited by NABL.
2. The results refer only to the tested sample(s) and applicable parameter(s).
3. Sample(s) will be destroyed after 10 days from the report date unless otherwise specified.
4. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers LLP.
5. Prakruti Environmental Engineers LLP is not responsible for the authenticity of the sample(s) not collected by our Environmental Laboratory.
6. Measurement Uncertainty is not mentioned in the test report and the same can be communicated to the customer on request.

End of Report

Prakruti Environmental Engineers LLP
"PRAKRUTI" 3rd & 4th Floor, Next to Sansawar Distributory Canal,
On Bil Road, Village Bil, Vadodara - 391 410, Gujarat, India.
Contact No. +91 265 2356171, 9429873456, 9409100037, 9409100067, 9409100073
Email: info@prakruti.co.in • Web: www.prakruti.co.in

Zigma Global Environ Solutions Pvt. Ltd. ERODE 638011

223

3058

PRAKRUTI

TEST REPORT
(WASTE)

Customer	Zigma Global Environ Solutions Pvt. Ltd.	Ref. No.:	25260867
Location:	RS. 346, Makarpura Landfill Site, Makarpura, Gochar NH-08, Vadodara, Gujarat, Pin: 390010	Report Date:	15/05/2025
		Analysis Date:	05/05/2025
Authorised Person:	Mr. Jayanth Umapathi	Receipt Date:	02/05/2025
Sample Description:	Stones Segregated from Municipal Solid Waste	Receipt Time:	18:00
Sampling Point:	C & D Output Conveyor	Received By:	Kiran
Sample Type:	Grab	Collection Date:	02/05/2025
Field Observation:		Collection Time:	15:20
Sampling Method:	SOP-04, Issue No. 01, Amend No. --, Issue Dt. 15.09.2024	Collected By:	Manubhai
Applicable Standard:	Hazardous & other waste management rules, 2016		

CHEMICAL TESTING: POLLUTION AND ENVIRONMENT

SN	PARAMETERS	UNITS	METHOD REFERENCE	ANALYST	RESULTS	PERMISSIBLE LIMIT
1	Arsenic (as As)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
2	Mercury (as Hg)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	0.2
3	Lead (as Pb)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
4	Cadmium (as Cd)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	1
5	Chromium (Total as Cr)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	5
6	Copper (as Cu)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	25
7	Nickel (as Ni)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	20
8	Zinc (as Zn)	mg/L	EPA 1311: 1992 & APHA 3120 B: 2023	Karishma	BDL (DL: 0.1)	250

Remarks:
1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G. M. Desai (Lab in-charge) Authorised Signatory: Krishna Desai (Partner)

Note:
1. The above tests are accredited by NABL
2. The results refer only to the tested sample(s) and applicable parameter(s)
3. Sample(s) will be destroyed after 10 days from the report date unless otherwise specified
4. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers LLP
5. Prakruti Environmental Engineers LLP is not responsible for the authenticity of the sample(s) not collected by our Environmental Laboratory
6. Measurement Uncertainty is not mentioned in the test report and the same can be communicated to the customer on request.

End of Report

Prakruti Environmental Engineers LLP
"PRAKRUTI" 3rd & 4th Floor, Next to Sarsawani Distributory Canal,
On Bill Road, Village Bill, Vadodara - 391 410, Gujarat, India
Contact No.: +91 265 2358171, 9429873456, 9429100037, 9429100067, 9429100073
Email: info@prakruti.co.in • Web: www.prakruti.co.in

Zigma Global Environ Solutions Pvt. Ltd. ERODE 638011

174

SANTRAMPUR NAGARPALIKA

Microtech Testing & Research Laboratory

(Center for Inspection, Testing & Certification of Materials)

3060

An ISO 9001:2015 Certified Testing Lab

Near Double Lock Godown, Agasod Road, Bina, Distt. Sagar (M.P.) 470113

Contact No.: 09425679402, 09302872982, E-mail: mtrlbina@yahoo.com

TEST REPORT

Issued to, **The Chief Officer,** **Nagar palika Santrampur** **Dist.- Mahisagar(GUJ.)**	**Condition of Sample, When Received:** Satisfactory
	Packing, When Received: Sealed Packing
	Quantity Received: 01 kg
	Date of Receipt: 03.02.2025
	Date of Report: 10.02.2025
	Date of Start of test : 03.02.2025
Certificate No.: 32202564	**Date of Completion of test :** 10.02.2025
Description of Sample: W2CP Compost	**Reference No.:** F/114(स्व)/MC/2025 Dated: 02.02.2025
Name of Work: Waste to Compost Plant (W2CP)	

S. No.	Parameters	Unit of Measurement	Results
1	Moisture	%	9.44
2	pH	-	7.6
3	Odour	-	Absence of foul odour
4	Conductivity	mS/cm	4.6
5	Colour	-	Black
6	C:N ratio	-	40.35
7	Bulk density	g/cm^3	1.48
8	Total Organic Carbon	%	5.73
9	Nitrogen	%	0.67
10	Potassium as K_2O	%	0.71
11	Phosphorous as P_2O_5	%	0.18
12	Cadmium as Cd	mg/kg	4.67
13	Arsenic as As_2O_3	mg/kg	4.99
14	Chromium as Cr	mg/kg	19.48
15	Copper as Cu	mg/kg	120.5
16	Lead as Pb	mg/kg	25.64
17	Mercury as Hg	mg/kg	<0.10
18	Nickel as Ni	mg/kg	15.10
19	Zinc as Zn	mg/kg	200.55
	Seive Analysis		
20	Retained on 6MM	%	Nil
21	Retained on 4MM	%	3.90
22	Retained on 2MM	%	16.10
23	Retained on 1MM	%	35.21
24	Retained on 850 Microns	%	6.37
25	Retained on 710 Microns	%	7.94
26	Retained on 600 Microns	%	3.30
27	Retained on 500 Microns	%	5.21
28	Retained on 425 Microns	%	3.44
29	Retained on 212 Microns	%	6.28
30	Retained on 100 Microns	%	8.20
31	Retained on 53 Microns	%	3.71
32	Passing through 53 Microns	%	2.01

--- End of Report ---

Authorised Signatory

1. Samples will be retained for 1 Month.
2. In case the sample is taken back, No further responsibility in case of any discrepancies.
3. This report cannot be reproduced wholly or partly and can't be used as evidence any court of law or by any advertising media.
4. Result refer only to the sample submitted for testing.
5. Uncertainty is calculated at 95% confidence level for approximates coverage factor k=2.

3061

Microtech Testing & Research Laboratory

(Center for Inspection, Testing & Certification of Materials)

An ISO 9001:2015 Certified Testing Lab

Near Double Lock Godown, Agasod Road, Bina, Distt. Sagar (M.P.) 470113

Contact No.: 09425679402, 09302872982, E-mail: mtrlblna@yahoo.com

TEST REPORT

Issued to, The Chief Officer, Nagar palika Santrampur Dist.- Mahisagar (GUJ.)	Condition of Sample, When Received: Satisfactory Packing, When Received: Sealed Packing Quantity Received: 01 kg Date of Receipt: 03.01.2025 Date of Report: 10.01.2025 Date of Start of test : 03.01.2025
Certificate No.: 32202436	Date of Completion of test : 10.01.2025
Description of Sample: W2CP Compost	Reference No.: F/11(स्व)/MC/2025 Dated: 02.01.2025
Name of Work: Waste to Compost Plant (W2CP)	

S. No.	Parameters	Unit of Measurement	Results
1	Moisture	%	9.81
2	pH	-	7.96
3	Odour	-	Absence of foul odour
4	Conductivity	mS/cm	4.7
5	Colour	-	Black
6	C:N ratio	-	40.45
7	Bulk density	g/cm^3	1.37
8	Total Organic Carbon	%	6.01
9	Nitrogen	%	0.58
10	Potassium as K_2O	%	0.92
11	Phosphorous as P_2O_5	%	0.19
12	Cadmium as Cd	mg/kg	4.49
13	Arsenic as As_2O_3	mg/kg	4.93
14	Chromium as Cr	mg/kg	19.12
15	Copper as Cu	mg/kg	117.7
16	Lead as Pb	mg/kg	29.11
17	Mercury as Hg	mg/kg	<0.10
18	Nickel as Ni	mg/kg	10.90
19	Zinc as Zn	mg/kg	194.5
	Seive Analysis		
20	Retained on 6MM	%	Nil
21	Retained on 4MM	%	4.10
22	Retained on 2MM	%	15.90
23	Retained on 1MM	%	32.65
24	Retained on 850 Microns	%	6.75
25	Retained on 710 Microns	%	8.10
26	Retained on 600 Microns	%	3.70
27	Retained on 500 Microns	%	5.10
28	Retained on 425 Microns	%	3.49
29	Retained on 212 Microns	%	6.30
30	Retained on 100 Microns	%	8.15
31	Retained on 53 Microns	%	3.16
32	Passing through 53 Microns	%	1.49

--- End of Report ---

Authorised Signatory

1. Samples will be retained for 1 Month.
2. In case the sample is taken back, No further responsibility in case of any discrepancies.
3. This report cannot be reproduced wholly or partly and can't be used as evidence any court of law or by any advertising media.
4. Results relate only to the sample submitted for testing.
5. Uncertainty is calculated at 95% confidence level for approximately coverage factor [illegible]

Microtech Testing & Research Laboratory

(Center for Inspection, Testing & Certification of Materials)

An ISO 9001:2015 Certified Testing Lab

Near Double Lock Godown, Agasod Road, Bina, Distt. Sagar (M.P.) 470113

Contact No.: 09425679402, 09302872982, E-mail: mtrlbina@yahoo.com

3062

TEST REPORT

Issued to, **The Chief Officer,** **Nagar palika Santrampur** **Dist.- Mahisagar (GUJ.)**	**Condition of Sample, When Received:** Satisfactory **Packing, When Received:** Sealed Packing **Quantity Received:** 01 kg **Date of Receipt:** 03.11.2024 **Date of Report:** 10.11.2024 **Date of Start of test :** 03.11.2024
Certificate No.: 32202219	**Date of Completion of test :** 10.11.2024
Description of Sample: W2CP Compost	**Reference No.:** F/158(स्व)/MC/2024 Dated: 02.11.2024
Name of Work: Waste to Compost Plant (W2CP)	

S. No.	Parameters	Unit of Measurement	Results
1	Moisture	%	9.77
2	pH	-	7.91
3	Odour	-	Absence of foul odour
4	Conductivity	mS/cm	4.9
5	Colour	-	Black
6	C:N ratio	-	40.65
7	Bulk density	g/cm^3	1.32
8	Total Organic Carbon	%	5.91
9	Nitrogen	%	0.54
10	Potassium as K_2O	%	0.83
11	Phosphorous as P_2O_5	%	0.23
12	Cadmium as Cd	mg/kg	4.56
13	Arsenic as As_2O_3	mg/kg	4.82
14	Chromium as Cr	mg/kg	18.95
15	Copper as Cu	mg/kg	115.70
16	Lead as Pb	mg/kg	27.48
17	Mercury as Hg	mg/kg	<0.10
18	Nickel as Ni	mg/kg	12.60
19	Zinc as Zn	mg/kg	190.03
	Seive Analysis		
20	Retained on 6MM	%	Nil
21	Retained on 4MM	%	4.20
22	Retained on 2MM	%	15.50
23	Retained on 1MM	%	33.88
24	Retained on 850 Microns	%	6.50
25	Retained on 710 Microns	%	7.80
26	Retained on 600 Microns	%	3.60
27	Retained on 500 Microns	%	5.50
28	Retained on 425 Microns	%	3.70
29	Retained on 212 Microns	%	6.10
30	Retained on 100 Microns	%	7.90
31	Retained on 53 Microns	%	3.46
32	Passing through 53 Microns	%	1.86

--- End of Report ---

Authorised Signatory

1. Samples will be retained for 1 Month.
2. In case the sample is taken back, No further responsibility in case of any discrepancies.
3. This report cannot be reproduced wholly or partly and can't be used as evidence any court of law or by any advertising media.
4. Result refer only to the sample submitted for testing.
5. Uncertainty is calculated at 95% confidence level for approximates coverage factor k=2.

Microtech Testing & Research Laboratory

(Center for Inspection, Testing & Certification of Materials)

3063

An ISO 9001:2015 Certified Testing Lab

Near Double Lock Godown, Agasod Road, Bina, Distt. Sagar (M.P.) 470113

Contact No.: 09425679402, 09302872982, E-mail: mtrlbina@yahoo.com

TEST REPORT

Issued to, **The Chief Officer,** **Nagar palika Santrampur** **Dist.- Mahisagar(GUJ.)**	**Condition of Sample, When Received:** Satisfactory **Packing, When Received:** Sealed Packing **Quantity Received:** 01 kg **Date of Receipt:** 03.12.2024 **Date of Report:** 10.12.2024 **Date of Start of test :** 03.12.2024
Certificate No.: 32202317	**Date of Completion of test :** 10.12.2024
Description of Sample: W2CP Compost	**Reference No.:** F/221(स्व)/MC/2024 Dated: 02.12.2024
Name of Work: Waste to Compost Plant (W2CP)	

S. No.	Parameters	Unit of Measurement	Results
1	Moisture	%	9.5
2	pH	-	7.90
3	Odour	-	Absence of foul odour
4	Conductivity	mS/cm	4.8
5	Colour	-	Black
6	C:N ratio	-	40.25
7	Bulk density	g/cm^3	1.30
8	Total Organic Carbon	%	5.87
9	Nitrogen	%	0.52
10	Potassium as K_2O	%	0.87
11	Phosphorous as P_2O_5	%	0.26
12	Cadmium as Cd	mg/kg	4.53
13	Arsenic as As_2O_3	mg/kg	4.84
14	Chromium as Cr	mg/kg	19.01
15	Copper as Cu	mg/kg	113.20
16	Lead as Pb	mg/kg	26.25
17	Mercury as Hg	mg/kg	<0.10
18	Nickel as Ni	mg/kg	12.35
19	Zinc as Zn	mg/kg	186.45
	Seive Analysis		
20	Retained on 6MM	%	Nil
21	Retained on 4MM	%	4.15
22	Retained on 2MM	%	14.95
23	Retained on 1MM	%	34.26
24	Retained on 850 Microns	%	6.35
25	Retained on 710 Microns	%	7.60
26	Retained on 600 Microns	%	3.45
27	Retained on 500 Microns	%	5.15
28	Retained on 425 Microns	%	3.84
29	Retained on 212 Microns	%	5.97
30	Retained on 100 Microns	%	7.60
31	Retained on 53 Microns	%	3.77
32	Passing through 53 Microns	%	1.74

--- End of Report ---

Authorised Signatory

1. Samples will be retained for 1 Month.
2. In case the sample is taken back, No further responsibility in case of any discrepancies.
3. This report cannot be reproduced wholly or partly and can't be used as evidence any court of law or by any advertising media.
4. Result refer only to the sample submitted for testing.
5. Uncertainty is calculated at 95% confidence level for approximates coverage factor k=2.

Microtech Testing & Research Laboratory

(Center for Inspection, Testing & Certification of Materials)

An ISO 9001:2015 Certified Testing Lab

Near Double Lock Godown, Agasod Road, Bina, Distt. Sagar (M.P.) 470113

Contact No.: 09425679402, 09302872982, E-mail: mtrlbina@yahoo.com

3064

TEST REPORT

Issued to, The Chief Officer, Nagar palika Santrampur Dist.- Mahisagar (GUJ.)	**Condition of Sample, When Received:** Satisfactory
	Packing, When Received: Sealed Packing
	Quantity Received: 01 kg
	Date of Receipt: 03.03.2025
	Date of Report: 10.03.2025
	Date of Start of test : 03.03.2025
Certificate No.: 322026491	**Date of Completion of test :** 10.03.2025
Description of Sample: W2CP Compost	**Reference No.:** F/201(स्व)/MC/2025 Dated: 02.03.2025
Name of Work: Waste to Compost Plant (W2CP)	

S. No.	Parameters	Unit of Measurement	Results
1	Moisture	%	9.94
2	pH	-	7.67
3	Odour	-	Absence of foul odour
4	Conductivity	mS/cm	4.84
5	Colour	-	Black
6	C:N ratio	-	41.15
7	Bulk density	g/cm^3	1.50
8	Total Organic Carbon	%	5.25
9	Nitrogen	%	0.67
10	Potassium as K_2O	%	0.94
11	Phosphorous as P_2O_5	%	0.41
12	Cadmium as Cd	mg/kg	4.87
13	Arsenic as As_2O_3	mg/kg	5.31
14	Chromium as Cr	mg/kg	16.45
15	Copper as Cu	mg/kg	111.42
16	Lead as Pb	mg/kg	24.62
17	Mercury as Hg	mg/kg	<0.10
18	Nickel as Ni	mg/kg	10.10
19	Zinc as Zn	mg/kg	179.64
	Seive Analysis		
20	Retained on 6MM	%	Nil
21	Retained on 4MM	%	4.85
22	Retained on 2MM	%	15.21
23	Retained on 1MM	%	31.50
24	Retained on 850 Microns	%	6.80
25	Retained on 710 Microns	%	7.30
26	Retained on 600 Microns	%	3.95
27	Retained on 500 Microns	%	5.94
28	Retained on 425 Microns	%	4.05
29	Retained on 212 Microns	%	6.83
30	Retained on 100 Microns	%	8.15
31	Retained on 53 Microns	%	3.03
32	Passing through 53 Microns	%	1.45

--- End of Report ---

Authorised Signatory

1. Samples will be retained for 1 Month.
2. In case the sample is taken back, No further responsibility in case of any discrepancies.
3. This report cannot be reproduced wholly or partly and can't be used as evidence any court of law or by any advertising media.
4. Result refer only to the sample submitted for testing.
5. Uncertainty is calculated at 95% confidence level for approximates coverage factor k=2.