



QUARTERLY PROGRESS REPORT OF NON – ATTAINMENT CITY GHAZIABAD

Submitted on behalf of State of Uttar Pradesh



JANUARY - MARCH 21

UTTAR PRADESH POLLUTION CONTROL BOARD

Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010

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Basic Information

Name of Non Attainment City State/ Union Territory Name of Nodal Officer at PCB/ PCC Email Id Contact Number Date till which progress is submitted	GHAZIABAD UTTAR PRADESH Chief Environmental Officer (Laboratory) ceolab@uppcb.in 0522-2720832 31.03.2021
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Action Point Code	Sector	Total Number of Actions	Number of Actions Completed	Number of Actions Under Progress/ Ongoing
CB	CAPACITY BUILDING, MONITORING NETWORK AND SOURCE APPORTIONMENT	8	6	2
PO	PUBLIC OUTREACH	7	7	0
RD/ C&D	ROAD DUST AND CONTRUCTION & DEMOLITION	28	25	3
VE	VEHICLES	27	25	2
IP	INDUSTRIES	34	33	1
BB/DF	WASTE AND BIOMASS- DUMPING AND BURNING	20	20	0
AQ	AIR QUALITY DATA	9	9	0

CAPACITY BUILDING, MONITORING NETWORK AND SOURCE APPORTIONMENT

Action Point Code	Action Point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
CB1	Insatllation & Commissioning of Monitoring Stations												
CB1.1	CAAQMS	04 CAAQMS have been installed and are functional. Installation of remaining 01 CAAQMS is proposed from the funds to be released under National Clean Air Programme Scheme of MoEF&CC/ funds to be allocated under 15th Finance Commission. The tendering has already been done and the station shall be established expeditiously after release of funds. Demand has been raised for funding under XV-FC.	1 (As per CPCB Norms)	360 days (Dec. 2020 including grace period of 04 months due to lockdown)	Yes June 21	01	Numb er	YES	Detailed Micro Plan for installation of CAAQMSs by UPPCB is attached. <u>Annex-CB-1.</u>	NIL demand has been raised to CPCB	NIL	Nil (funds will be utilised after installation & commissioning of CAAQMS as per conditions of tender document)	Rs. 1.2 cr.
CB1.2	Manual Stations	04 Manual Stations are established and are functional at following locations: 1. Sahibabad ind. area 2. Bulandshahar road 3.Khora colony 4. Vinoba Bhawe park, Lohia nagar Although nos. of manual stations (04) are sufficient as per CPCB guidelines but 01 background station proposed for better representation of air quality data.	5	Completed/ Ongoing (04) 31 March, 2021 (for 01 additional station)	Ongoing No deviation for additional station	Completed	Numb er	YES	Data is available on UPPCB website. http://www.uppcb.com/ambient_quality.htm	Cost of Ongoing stations are Rs. 20.72 lacs. Cost of 01 station is Rs. 8.06 lacs	Rs.23.02 lacs (for 05 stations as per CPCB norms)	Rs.20.72 lacs	Nil
CB3	Assessment of sources												
CB3.1	Emission Inventory	75% Completed	100% (EI & SA Study)	June, 2021	No	As per the schedule mentioned in the detailed Micro Plan	STUD Y	Yes	Detailed Micro Plan for EI & SA is attached. <u>Annex-CB-2.</u>	Rs. 52 Lac (total for EI/SA study)	Rs. 52 Lac (total for EI/SA study)	Rs. 47 Lac (total for EI/SA study)	No
CB3.3	Source Apportionment Study												
CB4	Training & Capacity Building												
CB4.1	Training & skill development of public officials	Could not be organised due to COVID-19 pandemic conditions. Will be organised in 2021-22 as per the Training Calender enclosed.	As per the Training Calender 2021-22 (copy enclosed)	As per the Training Calender 2021-22 (copy enclosed)	Yes	As per the schedule mentioned in the Training Calender 2021-22.	As per attachment	Yes	Training Calender 2021-22. <u>Annex-CB-3.</u>	Demand Placed under 15th FC Funds	Nil	Nil	Rs. 67.63 lacs
CB4.2	Infrastructure development	Lab upgradation work completed	1 Lab Up gradation	30 days	No	Completed	Yes/No	None	Nil	1.25 Cr	1.25 Cr	1.25 Cr	No

Action Point Code	Action Point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
CB4.3	Enforcement Units	Enforcement being done by Board as well as concerned land owning agencies in their respective areas. Total 99 task forces have established for control of air pollution. Details are as follows: 1. UPPCB-04 2. ULBs-11 3. GDA-82 (for open burning, C&D activities etc.) 4. Ghaziabad nagar Nigam-02	99 task force	No target date available in the City Action Plan as this is an additional action point.	No	completed	Units	Yes	Details of Mobile Enforcment Units. <u>Annex-CB-4.</u>	Not required	Not required	Not required	Not required
CB4.4	Organization of meeting of District Environment Committee for sensitizing the Line Departments for advance preparedness of implementation of Action Plan and following action points	DLC meeting is being done on monthly basis with line Departments. During last quarter DLC meetings have been conducted in January and February in present quarter. 12 meetings conducted since August, 2019	Monthly	August, 2020 (Immediate) & October, 2020 and thereafter regular monthly meetings	No	12	Number	Yes	All MOM are available on the portal (http://www.up.ecp.in/HomeMeetingList.aspx)	Not required	Not required	Not required	Not required
CB5	Emergency Response System	1. GRAP is applicable in the city and monitoring is done on a regular basis by DEC. 2. For the purpose of ERS to be developed by PCB, State Disaster Management Authority and Meteorological Department as per the order of Hon'ble NGT dated 20.11.2019, the disaster Management Authority has requested for development of a guideline by NDMA. The matter also reviewed by CS,GoUP and a letter has been sent to NDMA, CPCB and MoEF&CC for issuance of a guideline for development of ERS for severe levels of air pollution. The response of MoEF&CC, CPCB & NDMA is awaited.	1. GRAP implementation 2. Development of ERS as per order of Hon'ble NGT	1. Oct-19 2. To be provided by NDMA, MoEF&CC & CPCB	1. No 2. Yes as matter referred to NDMA, MoEF&CC & CPCB	1. GRAP implementation 2. Development of ERS as per order of Hon'ble NGT	1	1	1. Grap Implementation report <u>Annex-CB-5.</u> 2. Letter dated 22.12.2020 written by the State to NDMA, CPCB & MoEF&CC. <u>Annex-CB-6.</u>	Not Needed	Not Needed	Not Needed	Not required

PUBLIC OUTREACH

Action Point Code	Action Point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
PO1	Public Outreach												
PO1.1	Daily Air Quality Public Information Dissemination System	Real time data on Air quality is available from all the 04 CAAQMS. Additionally, 04 display screens installed at prominent public places	Real time AQI on Sameer app and release of daily bulletin	15 days and thereafter as regular activity (15.9.19)	No	365 days	Number	URL	Detailed action taken (https://cpcb.nic.in/national-air-quality-index/)	Not required	Not required	Not required	Not required
PO1.2	Social Media Platforms	Stakeholders and Nodal Departments actively monitoring Social media handles.	Dissemination of information related to air pollution	Regular activity	No	Regular activity. Completed for the Quarter	Yes/No	None	Location of Display Boards. <u>Annex-PO-1.</u>	Not required	Not required	Not required	Not required
PO1.3	Issue public advisory for prevention and control of air pollution	AQI bulletin along with public advisory and action taken is published on UPPCB website during GRAP period. 10 bulletins were published during the last quarter (Jan-Mar 20)	10	15 days and thereafter as regular activity (15.9.19)	No	20	Number	URL	10 Weekly bulletins (http://www.uppcb.com/weekly-aqi.htm)	Not required	Not required	Not required	Not required
PO1.4	Deeper public engagement and consultation (workshops/ programmes in schools/ colleges)	Public Awareness Activities could not be organised due to COVID-19 pandemic conditions. In 2021-22 Public Awareness Activities will be organised as per the Public Awareness Calendar 2021-22.	As given in the Calendar enclosed.	As given in the Calendar enclosed.	Yes due to COVID-19 pandemic situation	As given in the Calendar enclosed.	Number	Yes	Public Awareness Calendar for Year 2021-22. <u>Annex-PO-2.</u>	demand raised under XV FC	demand raised under XV FC	—	Rs. 25 lacs
PO1.5	Launch mobile app to update public about status of air quality	100% AQI status of available on Sameer App and other than this, AQI bulletin is published on	100%	30 days (Sept 2019)	No	Completed	URL	Yes	URL of Sammer App (https://play.google.com/store/apps/details?id=com.cpcb)	Not required	Not required	Not required	Not required

Action Point Code	Action Point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
PO2	Public Greivance Redressal System												
PO2.1	App Based System	Swachh Vayu App has been developed and is operational.	Swachh Vayu App	30 days (Sept 2019)	No	Completed	Number	Yes	The status of disposal of complaints in Sameer App & Swachh Vayu App is enclosed. The disposal in Sammer App was hampered due to its complete development as detailed in the status. The status of disposal is periodically monitored by CS, AQMC & DEC level. <u>Annex-PO-3.</u>	Rs. 8.5 lacs	Rs. 8.5 lacs	Rs. 8.5 lacs	Not required
PO2.2	Helpline Number	Helpline number have been issued regarding complaints and for lifting of waste	1	30 days	No	Regular activity. Completed for the Quarter	Number	No	Nil	Not required	Not required	Not required	Not required

ROAD DUST AND CONSTRUCTION & DEMOLITION

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
RD1	Road dust												
RD1.2	Maintain potholes free roads	Sanctioned road stretches repaired by PWD. GNN has is undertaking patch work on damaged roads.	317 Km - under GNN and 823.67 Km under PWD	Quarterly	No	Sanctioned work completed for Quarter	Number	Yes	List of road stretches made pothole free. <u>Annex-RD-1.</u>	Ghaziabad Nagar Nigam allocates Rs. 3.0 Cr per annum for patch work.	In House Funds available with Ghaziabad nagar Nigam. PWD funds for sanctioned length released	Sanctioned funds have been utilized by PWD and GNN	Not required
RD1.3	Regular cleaning of street surfaces and spraying of water to suppress dust.	Regular activity with 5 road sweeping machine & 5 sprinkle Machine. Additionally, dust has been collected under Dust Free Ghaziabad Campaign with the name "Swachta ki Potli" in this we have collected 128336 Bags and each contains 7 KG dust in it. 5 anti-smog guns to be mounted on sprinkling vehicles, 10 battery operated litter picker, 5 jetting machine and installation of 30 air-filters to be installed	317 Km	3 months after funds are received	197 Km	Ongoing. Completed for Quarter	Text	Yes	Route Chart. <u>Annex-RD-2.</u>	Rs. 3.2 Crores	Budget allocated by GNN Board for additional procurement	Allocation Completed	Not required
		Assessment done on 18 road stretches in Ghaziabad and report submitted to GNN, GDA and PWD for further action. Concerned agencies have completed dust lifting, night washing exercise. Dust removal, sprinkling and washing is a regular activity	100%	October, 2020	No	Completed	Yes/No	Yes	Assessment Report. <u>Annex-RD-3.</u>	1.0 Lakh	1.0 Lakh	1.0 Lakh	Not required
		Ensuring night washing of roads by treated water from STPs twice a week	317 Km	October, 2020	197 Km	Completed twice a week. Ongoing	Yes/No	Yes	Route Chart. <u>Annex-RD-4.</u>	Nil	Budget allocated by GNN Board for additional procurement	Allocation Completed	Not required
RD1.4	Black-topping of unpaved road	GNN and PWD undertaking black topping of repaired road stretches. NHAI has completed black topping stretches of NH-9	317 Km - under GNN, 823.67 Km under PWD and 20 Km under NHAI	6 months	150 meters of Railway overbridge under NHAI to be completed by December 2021	4 Months after tender	Number	No	Nil	Rs. 2000 Cr.	In House Funds available with Ghaziabad nagar Nigam. Sanctioned funds released by PWD and NHAI	Sanctioned funds have been utilized by PWD. NHAI to complete work	Not required

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
RD1.6	To take appropriate action to remove road dust/silt regularly by using mechanical sweepers	EC of Rs. 13.50 lakh imposed for failure to ensure abatement and control of road dust. Regular activity with 5 road sweeping machine & 5 sprinkle Machine. Additionally, dust has been collected under Dust Free Ghaziabad Campaign with the name "Swachta ki Potli" in this we have collected 128336 Bags and each contains 7 KG dust in it. 5 anti-smog guns to be mounted on sprinkling vehicles, 10 battery operated litter picker, 5 jetting machine and installation of 30 air-filters to be installed	100%	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Completed	Number	Yes	Assessment Report. <u>Annex-RD-5.</u>	Rs. 3.2 Crores	Budget allocated by GNN Board for additional procurement	Allocation Completed	Not required
RD1.7	End-to-end paving of the road	Completed. Buffer area has been left in view of run-off management and road design, Allocation of budget has been done for creating dust free corridors by laying down cut stones/blocks.	80 KM	Oct-19	No	80 Km	Text	No	Nil	1 Crore. Allocation of Rs. 10 Cr done	1 Crore	1 Crore	Allocation of Rs. 10 Crore done
RD1.9	Introduce water fountain at major traffic intersection	Total 11 water fountains are available in the city out of which all fountains are operational and being maintained on regular basis	11	Oct-19	No	Completed	Number	RD 3	Details of the major intersections where installed. <u>Annex-RD-6.</u>	2 Lacs	In House funds allocated and utilized	In house funds utilized	None

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
RD1.10	Widening of Roads	06 lane 14 km Hindon Elevated Road completed. Reconstruction of old damage bridge over Hindon River at G.T. Road, Ghaziabad. Dilshad Garden to New Bus Adda Metro Network completed. Widening and Strengthening of Roads – 28 Nos. Overhead Bridges - 05 Nos. Additionally, in order to decongest Meerut destined traffic, National Capital Region Transport corporation has started work on 82 Km stretch of Delhi-Meerut Rapid Metro project. The timeline for completion of priority section within District Ghaziabad is Year 2023 and that of complete project is 2025.	35	90 days	Within 3 months from date of start of project 2023- for Ghaziabad stretch 2025 – for complete project	Ongoing	Text	Yes	As given in Present Status	Funds allocated for Year 2020-21. Funds from ADB being also utilized for construction of NCRTC Corridor. State Government's share being offset in form of land provided as well	Adequate funds available. Funds released as per demands from contractors	Partial	Not required
RD1.11	Improvement of infrastructure for decongestion of road.	06 lane 14 km Hindon Elevated Road completed. Reconstruction of old damage bridge over Hindon River at G.T. Road, Ghaziabad. Dilshad Garden to New Bus Adda Metro Network completed. Widening and Strengthening of Roads – 28 Nos. Overhead Bridges - 05 Nos. Additionally, in order to decongest Meerut destined traffic, National Capital Region Transport corporation has started work on 82 Km stretch of Delhi-Meerut Rapid Metro project. The timeline for completion of priority section within District Ghaziabad is Year 2023 and that of complete project is 2025.	35	90 days	No New Project	Within 90 days from date of start of project 2025 – for complete project	Text	Yes	As given in Present Status	Rs. 2726.48 Lacs – Cost of DPR 30,274 Crores	Adequate funds available. Funds released as per demands from contractors	Nil	Not required
RD1.13	Implement truck loading guidelines; use of appropriate enclosures for haul trucks; gravel paving for all haul routes.	Mining activity presently closed	100%	regular activity	No	Ongoing Activity. Completed for Quarter	Text	No	Nil	To be borne by Project Proponent	To be borne by Project Proponent	Nil	Not required

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
RD1.14	Identify road stretches with high dust generation	Road stretches identified are being cleaned by means of mechanized sweepers and sprinklers. 36 such stretches identified. EC of Rs. 13.50 lakhs imposed for failure to ensure abatement and control of road dust on 18 stretches	36	regular activity	No	Ongoing Activity. Completed for Quarter	Number	Yes	Assessment Report. <u>Annex-RD-3.</u>	Rs. 1 Lac	Rs. 1 Lac	Rs. 1 Lac	Not required
RD1.16	All the canals/nullah's side roads should be brick lined. Proper plantation also carried out.	Irrigation department has a metalled road along its canals/nullahs in District Ghaziabad. Besides this they have also carried out plantation activity along its canals/nullah and planted 9800 saplings. The activity has been completed on 05.07.2020.	100%	Nov-20	No	Completed	Text	No	Nil	Not Required	Not Required	Not Required	Not Required
RD2	Creation of green cover												
RD2.2	Creation of green buffers along the traffic corridors and their maintenance	Ghaziabad Municipal Corporation Continuously manages the central verge of the roads and road side green cover/green belt by plantation in different scheduled in ordered way. Rs. 10 Crores done for green belt development on side verges	Along central and side verges	Oct-20	No	Yearly target achieved	Text	Yes	Site details of plantation done inside the City. <u>Annex-RD-7.</u>	INR 72.055 Lac for Forest Department's Plantation. Allocation of Rs. 10 Crores done for green belt development on side verges	Released. Rs. 10 Crores allocated	Utilized for plantation target 2020	Rs. 10 Crores done for green belt development on side verges
RD2.3	Necessary changes in byelaws- Greening of open areas, gardens, community places, schools and housing societies	Housing & Urban Planning Department U.P. has made necessary provisions in the byelaws for plantation in open areas, housing societies etc.	Change in Byelaws	90 days(oct-2019)	Yes	Change in Byelaws	Notification	Yes	Copy of the Notification. <u>Annex-RD-8.</u>	Not Required	Not Required	Not Required	Not Required
		7,04,015 plantation done in 2020-21. Plantation of 7,14,511 saplings to be done in 2021-22. In order to promote adoption of green belts notification issued by Environment Department permitting off-setting of green belt by developing/maintaining it elsewhere in the region. GNN has earmarked funds for development/maintenance of 200 parks and city forest.	Master Plan 2031	6 months after approval of master plan	No	Completed	Yes/No	Yes	As detailed in Present Status	INR 72.055 Lac for Forest Department's Plantation. Rs. 32 Crores allocated for city forest and park redevelopment/maintenance	Released	Utilized for plantation target 2020	Rs. 32 Crores allocated for city forest and park redevelopment/maintenance

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
RD2.5	Builders should leave 25%/33% area for green belt in residential colonies to be made mandatory.	Presently 36 Group Housing projects are under construction. Green belt as per norms shall be ensured.	36	At time of Project Completion	No	Regular activity. Completed for Projects being issued Completion	Yes/No	None	None	Individual Project Proponent Project cost	Part of Project Cost	Not Required	Not Required
RD2.7	Implementation of maintaining at least 33% forest cover area in the city in master plan.	7,04,015 plantation done in 2020-21. Plantation of 7,14,511 saplings to be done in 2021-22	Master Plan 2031	6 months after approval of master plan	No	Completed for Quarter	Yes/No	Yes	Site details of plantation done inside the City. <u>Annex-RD-7.</u>	Rs. 420 Lac. Rs. 32 Crores allocated for city forest and park redevelopment /maintenance	Utilized for 2020-21	NII	Rs. 32 Crores allocated for city forest and park redevelopment/maintenance
C&D1	Construction Activities												
C&D1.1	Ensure transportation of construction materials in covered vehicles	Self Audit/Registration Completed by 77 Project Proponents. Verified by agencies from time to time. Municipal Corporation has already contracted with the firm for C&DS waste which also ensure the covered vehicle of C&D waste	100%	Regular activity	No	Regular activity.	Number	Yes	List of Projects. <u>Annex-C&D-1.</u>	Not required	Not required	Not required	Not required

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
C&D1.2	Strict enforcement of CPCB guidelines for construction (use of green screens, side covering of digging sites, etc.)	1. Municipal Corporation has been doing the C&D waste Geo-tagging along the road side and open plots by Physical verification. All C&D Waste to be lifted and shifted to central C&D Plant 2. EC of Rs. 62.50 Lakhs imposed for violation of C&D Rules and 05 prosecutions filed 3. UPPCB has launched dustapp www.uppecp.in/dustapp for the purpose of dust control self audit and a public notice was issued u/s 31A of Air act in the newspaper and through e-advertisement for the same. The app is functional since October 2020 and Registration/Audit of 42 under construction projects Complete. Being verified by means of field visit 4. Remote monitoring being done for Construction projects by PTZ camera with logbook recording.	100%	Regular activity	No	Regular activity.	Text	No	Nil	Not required	Not required	Not required	Not required
C&D1.3	Restriction on storage of construction materials along the road.	EC of Rs. 62.50 Lakhs imposed for violation of C&D Rules against 80 violators and 5 prosecutions filed. Toll Number Issued - 1800 180 3012	Zero Tolerance	regular activity	No	Regular Activity	Number	CD 2	List of 109 Defaulters. <u>Annex-C&D-2</u>	Not required	Not required	Not required	Not required
C&D1.4	Covering of construction site.	Self Audit/Registration Completed by 77 Project Proponents. Verified by agencies from time to time. Verified by means of physical inspections.	Zero Tolerance	regular activity	No	Regular activity.	Number	None	None	Not required	Not required	Not required	Not required

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
C&D1.5	To create separate space/zone to handle solid waste, C&D waste and other waste in the city	Work on waste segregation and mechanical separation to be completed by April, 2021. 400 TPD C&D Waste Disposal site partially operational	100% Segregation	April, 2021	No	Ongoing Activity	Number	No	Nil	60.5 Crores	Approved under GNN Budget by Board	Approved in December, 2020. Orders to be awarded	Not required
C&D1.6	To mandate facility of tar road inside the construction site for movement of vehicles carrying construction material	Self Audit/Registration Completed by 77 Project Proponents. Verified by agencies from time to time.	100%	regular activity	No	Ongoing Activity	Text	No	Nil	Internal Project Allocation	Internal Project Allocation	Not required	Not required
C&D1.7	Promotion of the use of prefabricated blocks for building construction	Presently, pre-fabricated material being used partially only	100% Utilization	regular activity	No	Ongoing Activity	Text	No	Nil	Not required	Not required	Not required	Not required
C&D1.8	Enforcement of Construction and Demolition Waste Rules	EC of Rs. 68.50 Lakhs imposed and prosecution of 5 sites done for violation of C&D Rules against 80 violators. Self Audit Completed by 42 Project Proponents. Verified by agencies from time to time.	Zero Tolerance	15 days, and thereafter, continue as regular activity	No	Completed for the quarter.	Text	Yes	List of 109 Defaulters. <u>Annex-C&D-2</u>	Not required	Not required	Not required	Not required
C&D1.9	Control measures for fugitive emissions from material handling-conveying and screening operations	EC of Rs. 68.50 Lakhs imposed and prosecution of 5 sites done for violation of C&D Rules against 109 violators.	Zero Tolerance	15 days, and thereafter, continue as regular activity	No	Regular activity. Verified for all Projects in the Quarter. Defaulter have been penalized/prosecuted	Text	Yes	List of 109 Defaulters. <u>Annex-C&D-2</u>	Not required	Not required	Not required	Not required
C&D1.10	Develop and implement dust control measures for all types of construction activities -- buildings and infrastructure.	MoEF&CC's notification dated 25.01.2018 is binding on all C&D activities. Regular verification of compliancy being done. EC of Rs. 68.50 Lakhs imposed for violation against 109 violators	NA	regular activity	No	Regular activity. Verified for all Projects in the Quarter. Defaulter have been penalized/prosecuted	Yes/No	No	Nil	Not required	Not required	Not required	Not required

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
C&D1.11	Enforce restrictions on construction activities within urban airshed zones during high pollution period	Restrictions imposed under GRAP/Emergency Response Plan	NA	Regular activity	No	Ongoing Activity. Operation of Crushers and Hot-mix plants shut twice in the quarter due to prevalent Air Quality	Yes/No	No	Nil	Not required	Not required	Not required	Not required
C&D1.12	Frame and implement policy for segregation of construction and demolition waste and provide a network of decentralized C&D waste segregation and collection sites across the city.	Central policy being framed by Nagar Vikas Vibhag, UP. Same shall be adhered to in Ghaziabad	Policy under approval	1 month after policy approval	No	Complete	Yes/No Number	No	Nil	Not required	Not required	Not required	Not required
C&D1.13	Promote recycling of construction and demolition waste.	C&D Waste processing plant of 400 TPD partially operational. Pavers and material recycled from C&D plant to be upcycled and promoted and used in GNN Schemes as well.	1 facility of 400 TPD	regular activity	No	Complete	Text	Yes	Project Report <u>Annex-C&D-3</u>	Not required	Not required	Not required	Not required

VEHICLES

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
VE1	Improve and strengthen PUC programme												
VE1.1	Number of PUC centers in the city	Total No of PUC -145	145	180 days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Regular activity	Number	Yes	List of PUC Centres. <u>Annex-VE-1.</u>	Not required	Not required	Not required	Not required
VE1.2	Regular checking of Vehicular emission and issue of Pollution under Control Certificate (PUC)	Total PUC issued in Ghaziabad No-769070	100%	180 days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Regular activity	Number	No	Nil	Not required	Not required	Not required	Not required
VE1.4	linking of PUC centres with remote server and eliminate manual intervention in PUC testing.	All 117 PUCs are online. Proposal for remote monitoring not yet prepared	Zero	180 days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Completed	Number	No	Nil	Not required	Not required	Not required	Not required
VE3.1	Use of off-peak passenger travel times to move freight and restrict the entry of heavy vehicles into cities during the day to continue	Entry of heavy vehicles into city is banned from 07AM to 11 AM & 05 PM to 10 PM	100% restriction for 09 hrs	Regular activity	No	Regular activity	Text	No	Nil	Not required	Not required	Not required	Not required
VE3.2	Provide truck rest areas/parks along national and state highways to prevent entry of trucks into cities during peak hours.	Police Station industrial area Kavi Nagar has been designated for truck rest area. TATA Steel has been instructed to utilize its Pilkhwa premises as holding area for Sahibabad plant	02 truck areas	Regular activity	No	Regular activity	Yes/No	No	Nil	Not required	Not required	Not required	Not required

VE3.3	Diversion of truck traffic	Non destined Truck traffic is being diverted through by-pass/peripheral roads	100%	Regular activity	No	Regular activity	Text	No	Nil	Not required	Not required	Not required	Not required
VE3.4	Check overloading: Use weigh-in-motion bridges / machines (WIM) and Weigh bridges at entry points to the city to check the payload of commercial vehicles. As per the CMVR, a penalty of 10 times the applicable rate for overloaded vehicles is applicable.	Weigh in motion bridges installed at all exits of Eastern Peripheral Expressway. NHAI has installed weigh in motion bridges at Chijjarsi Toll Plaza at Km (39+730) in all 18 lanes of NH 9. Since installation of WIMs is part of Civil cost as per Concessionaire agreement, no separate costing of same has been done for NH 9.	03 locations	180 days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Completed	Number	No	Nil	Not required	Not required	Not required	Not required
VE4	Clean fuel and fuel Quality												
VE4.1	Check on fuel adulteration and random monitoring of fuel quality data	Actions are being taken at administrative level by organizing a team of concerned company's sales officer for the random Inspection of adulteration and fuel quality at different petrol pumps of the district and under the applied action plan time to time as per the rule continuous action is being taken for the control of adulteration. Supply of Kerosene has been stopped in the district. 69 samples have been checked by Joint team of DSO, UPPCB and Police. None of the sample was found to be adulterated.	zero tolerance	Regular activity	No	Ongoing. None found during drives carried out	Number	No	Nil	Not required	Not required	Not required	Not required
VE4.2	Alternative clean fuel policy for vehicle	Tender for 50 electric buses finalized and LOA issued. As this requires enabling infrastructure (procurement /	50 buses	03 months	No	Ongoing	Number	No	Nil	Centralized Procurement at State Level	Not required	Not required	Not required

VE 4.4	Use of Bioethanol in the city/urban transport system/waste to energy.	Presently, bioethanol blending with the normal fuel is not being practiced in the District.	No proposal / under consideration	As per implementation of policy	No	Ongoing	Number	No	Nil	Not required	Not required	Not required	Not required
VE5	Parking Management												
VE5.1	Prevent parking of vehicles in the non-designated areas	Challan & penalty action is being done by Towing the vehicle with the help of 02 cranes in no parking zone. Rs. 3.28 Lacs have been recovered from 325 vehicles. 418 challan & penalty of Rs. 2.10 lacs have been recovered by traffic police	100%	As regular activity	No	Ongoing Enforcement	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required
VE5.2	Development of Multi-layer parking	Multilevel parking proposed in Indrapuram. TO be completed by December, 2021	2	Oct-20	1 under construction	June, 2021	Number	Yes	As detailed in present status	Rs. 6 crore	Being developed on PPE model. Contractor to utilize own funds	Being developed on PPE model. Contractor to utilize own funds	Not required
VE5.3	Penalise parking of vehicles in non designated areas	Challan & penalty action is being done by traffic police in no parking area. Total No of challan 21377 total penalty 2788300.	100%	As regular activity	No	Ongoing Enforcement	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required
VE6	Strengthening of Public Transportation												
VE6.5	Introduction of new electric buses (with proper infrastructure facilities such as charging stations) and CNG buses for public transport which will reduce plying of private vehicles on road and help to curb tail-pipe emissions.	E-tendering for the construction of Charging Station and bus Shelter for 50 Electric Bus have been called by C&DS unit. Proposal for procurement of 100 CNG Autos and e-rickshaws approved. Fund allocation and disbursement to be done from GNN funds.	50 buses	03 months	No	December 2020	Number (3)	No	Nil	340 Lacs – Cost of DPR. Funds yet to be allocated. Provision made under GNN Budget allocation as well.	200 Lacs	Not required	Not required

VE6.6	CNG infrastructure for auto gas supply in the city and transition of public transport vehicles to CNG mode Introduction of e-buses for Public transport in metro cities	Allocation of funds done by GNN in Board meeting. 579 GNNs diesel vehicles to be converted to CNG. Presently, 51 CNG stations are operational in Ghaziabad	51	As regular activity	No	Completed	Number (3)	Yes	As detailed in present status	Allocation approved in December, 2020 Board meeting	Approved. To be released in phase-wise manner	Not required	Not required
VE6.7	Steps for promoting battery operated vehicles like Erickshaw/ECart	Nagar Nigam is operating 50 no of E-Vehicle for Door to Door Garbage Collection. Proposal for procurement of 100 CNG Autos and e-rickshaws approved. Fund allocation and disbursement to be done from GNN funds.	Fifty e-vehicles , 100 CNG autos	03 months	No	December 2020. Operation of 50 e-vehicles started	Text	No	Nil	340 Lacs – Cost of DPR. Funds yet to be allocated.	Not required	Not required	Not required
VE7.	Traffic Congestion												
VE7.2	Synchronize traffic movements/Introduce intelligent traffic system for lane-driving	ITMS Project awarded by GDA has been shelved off as the agency has been blacklisted. As per decision, the work shall now be carried out by GNN. Awareness drives are carried out for encouraging lane driving.	Temporarily onhold	90 days (Nov-2019)	No	NA	Text	No	Nil	Not required	Not required	Not required	Not required

		<p>Following Traffic congestion hotspots have been identified</p> <p>1) ABES Crossing, Ghaziabad</p> <p>2) Vijay Nagar Crossing, Ghaziabad</p> <p>3) Tigri Crossing, Ghaziabad</p> <p>4) Santosh Medical Crossing, Ghaziabad</p> <p>5) Atmaram Steel, Ghaziabad</p> <p>6) Lal Kuan Fly over Bridge, Ghaziabad</p> <p>7) Ghantaghar, Ghaziabad</p> <p>8) Meerut Crossing, Ghaziabad</p> <p>9) Raj Nagar Extension Crossing, Ghaziabad</p> <p>10) Sihani Chungi, Ghaziabad</p> <p>11) Old Bus Stand, Ghaziabad</p> <p>12) Sahibabad- Seemapuri Crossing, Ghaziabad</p> <p>13) Bhopura Crossing, Ghaziabad</p> <p>14) Sahibabad Industrial Area, Site -4, Ghaziabad</p> <p>15) Loni Crossing, Ghaziabad</p> <p>16) Teela Mod, Ghaziabad</p> <p>17) Near Tronica City, Police Station, Loni, Ghaziabad</p>	Reduce vehicle idling time by smooth flow of traffic	Regular activity	No	Completed	Yes/No	Yes	As detailed in present status	Not required	Not required	Not required	Not required
		Directions u/s 31A of Air act has been issued to SP Traffic for preparation and implementation of Interim Traffic Decogestion Plan.	Issue if diection	Dec-20	No	Issue of direction	Text	Yes	Copy of Direction. <u>Annex-VE-2.</u>	Not required	Not required	Not required	Not required
VE7.3	Prepare plan for construction of diversion ways/ bypasses to avoid congestion due to nondestined vehicles.	Eastern Expressway Peripheral Road and elevated road has already been started and is used by non-destined vehicles for bypassing Ghaziabad.	02 roads to be made operational	360 days	No	Completed	Number	No	Nil	Not required	Not required	Not required	Not required

VE7.4	Prepare plan for widening of road and improvement of infrastructure for decongestion of road.	407 roads being maintained by Ghaziabad Nagar Nigam and 355 roads by PWD. Widening of NH-9, Delhi-saharanpur road done to ease congestion. Rapid metro being constructed up to meerut for further decongestion of roads	Reduced travel time by 7 minutes	90 days New Project	Delhi - saharanpur road is still under construction. To be completed within 90 days 2025 – for complete project	NA	Text	No	Nil	Rs. 2726.48 Lacs – Cost of DPR 30,274 Crores	Approved. To be released in phase-wise manner	Not required	Not required
VE8	Launch Public awareness campaign for air pollution control, vehicle maintenance, minimizing use of personal vehicle, lane discipline, etc.	Number of public awareness campaign: 05 No. of people participated: 1800 Cost of around Rs. 18,472/- has been incurred in awareness. Besides this, awareness drives are carried out with help of Civil Defense and Public Interest Groups, cost incurred in such activities varies.	5	As regular activity	No	Ongoing.	Text	Yes	As detailed in present status	Rs. 18,472	100%	100%	Not required
VE9	Periodic calibration test of vehicular emission monitoring instrument.	No instrument is available in RTO office	0	As regular activity	No	Ongoing	Yes/No	No	Nil	Not required	Not required	Not required	Yes
VE10	To check the calibration of emission monitoring equipments, housed in Emission Testing Centers (ETCs) once in 6 months to know the status of equipments	No instrument is available in RTO office	0	As regular activity	No	Ongoing	Yes/No	No	Nil	Not required	Not required	Not required	Yes
VE11	Phase out old vehicles and vehicle scrappage policy	Total 101 petrol vehicles above 15 years and total 78906 Diesel vehicle above 10 years registration has been cancelled. Instructions issued by DM, Ghaziabad to ensure seizure to deter usage of old vehicles	100%	As regular activity	No	Ongoing	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required

VE11.2	Restriction on plying and phasing out of 15 years old commercial diesel driven vehicles.	Total 101 petrol vehicles above 15 years and total 78906 Diesel vehicle above 10 years registration has been cancelled. Instructions issued by DM, Ghaziabad to ensure seizure to deter usage of old vehicles	100%	As regular activity	No	Ongoing	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required
VE11.3	Enforcement of law against visibly polluting vehicles: remove them from road, impose penalty, and launch extensive awareness drive against polluting vehicles.	134 challan have been issued against vehicle don't have PUC & penalty of Rs. 4.56 Lacs has been recovered	Zero tolerance	As regular activity	No	Ongoing	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required
VE11.4	Initiate steps for retrofitting of particulate filters in diesel vehicles, when BS-VI fuels are available.	Registration of only BSVI vehicles is being done w.e.f.01-04-2020 till 30-11-2020 With regards to prohibited 10 year old diesel vehicles and 15 year old petrol vehicles action taken report is as below:- Diesel- Challan- 17 Seized- 11 NoC- 254 Regn Cancel- 101 Petrol- Challan- 9 Seized- 0 NoC- 176 Regn Cancel- 78906	100%	As regular activity	No	Ongoing	Number	Yes	As detailed in present status	Not required	Not required	Not required	Not required
VE12	NMT												
VE 13	Monitoring of traffic hotspots by Google Map Navigation with logbook recording.	As regular activity	Quarterly	As regular activity	No	Regular activity	Number	No	Nil	Not required	Not required	Not required	Not required

INDUSTRIES

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
IP1	Industrial air pollution control												
IP1.1	To intensify monitoring of industries to reduce of emission by the industries.	296 air polluting units identified in the district. All units to operate only after adequate APCS installed and commissioned. An undertaking in this regard has been taken from 99 major air polluting industries. Also, PTZ cameras have been installed in industries and visual feeds of their stacks is being monitored. Letter issued to units which have not installed PTZ cameras and action shall be initiated in violation of directions issued under Air Act.	296	As Regular Activity	No	Ongoing	Number	Yes	List of 296 industries. <u>Annex-IP-1.</u> List of Ptz cameras. <u>Annex-IP-2.</u>	Not Required	Not Required	Not Required	Not Required
IP1.2	Action against non-complying industrial units	33 Large and Medium Scale Units having Boiler of more 5 Ton and using solid fuel have installed OCEMS. Action against 04 non-complying units, EC of Rs. 51.0 Lacs under process against defaulting units. Prosecution has also been initiated against 01 unit under provisions of Air Act.	100%	As Regular Activity	No	Ongoing	Number (2)	Yes	List of 04 industries. <u>Annex-IP-3.</u>	Not Required	Not Required	Not Required	Not Required
IP1.3	Shifting of Polluting Industries	Regular inspections and closure of polluting/illegal units is ensured by team constituted under concerned SDMs. 124 illegal industries closed.	100%	60 days	No	Completed	Number (2)	Yes	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Not Required
IP1.4	Ban on Polluting Industries	124 Polluting/Illegal industry closed down by the joint committee like (E-waste, Melting Furnace, Wire Godown, Scrap melting)	100%	As Regular Activity	No	Ongoing	Number	Yes	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Not Required

IP1.5	Random auditing for Air pollution measures and Online reporting systems in the industries	Control Room Established, Random auditing for Air polluting industry inspection has been carried out.	100%	As Regular Activity	No	Ongoing	Number	No	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Fund required for additional stack monitoring analyzers
IP1.7	Identification of air polluting industries and their regular monitoring including use of designated fuel	297 air polluting units identified in the district. All units to operate only after adequate APCS installed and commissioned. Regular monitoring is being done by joint committee constituted by District Magistrate to ensure use of designated fuel.	100%	As Regular Activity	No	Ongoing	Text	No	Nil	Not Required	Not Required	Not Required	Additional enforcement units required for stringent enforcement
IP1.8	Promoting cleaner production in industries.	Mostly forging units in Ghaziabad are using PNG in furnace and dismantled their coal fired boilers.	100%	As Regular Activity	No	Ongoing	Text	Yes	List of forging units using PNG in reheating furnace. <u>Annex-IP-5.</u>	Not Required	Not Required	Not Required	Not Required
IP1.9	Fugitive emission control	Self checks being done by units to control and minimize fugitive emissions	100%	As Regular Activity	No	Regular activity	Text	No	Nil	Not Required	Not Required	Not Required	Not Required
IP1.10	Ensuring installation/Up-gradation and operation of air pollution control devices in industries	Regular checks by teams constituted by DM, Ghaziabad and Board being done to verify installation and efficacy of APCS	100%	As Regular Activity	No	Ongoing	Percentage	No	Nil	Not Required	Not Required	Not Required	Not Required
IP1.11	Action/closure against defaulting/unauthorized industrial units.	124 Polluting industry closed down by the joint committee like (E-waste, Melting Furnace, Wire Godown, Scrap melting)	100%	As Regular Activity	No	Ongoing	Number (2)	Yes	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Not Required
IP1.12	Ensuring emission standards in industries	33 Large and Medium Scale Units having Boiler of more 5 Ton and using solid fuel have installed OCEMS. Manual checking of stacks to be ensured.	100%	As Regular Activity	No	Ongoing	Text	Yes	List of 33 industries. <u>Annex-IP-6.</u>	Not Required	Not Required	Not Required	Not Required

IP1.13	Disposal of all non-hazardous wastes into the designated dumping sites	GNN has initiated door to door collection in industrial areas as well. Waste management to be streamlined by March, 2021	100%	As Regular Activity	No	Ongoing	Number (2)	No	Nil	Not Required	Not Required	Not Required	Not Required
IP1.15	Industries allowed with stringent Environmental norms only.	New industries in CEPI clusters being permitted under stringent Environmental norms only.	100%	As Regular Activity	No	Ongoing	Number	Yes	List of 20 new units obtained CTE. <u>Annex-IP-7.</u>	Not Required	Not Required	Not Required	Not Required
IP1.26	Bank guarantee should be taken for the compliance of conditions imposed in CTO/CTE for control of Environmental Pollution from industries.	Bank Guarantees are taken from Units at the time of issuing of CTE. BG is equivalent to 10% of the cost of Pollution control Systems up to maximum of Rs. 10,00,000/- Bank guarantee is forfeited in case the unit is found to be in violation of conditions of CTE/CTO. Regular inspections are done to ensure same. In last 06 months, Bank guarantee of Rs. 10,00,000/- (Ten Lakhs only) of M/s Uppal Chadha Hi-Tech Developers Pvt Ltd. has been forfeited by Board for violation of conditions of CTE.	100%	As Regular Activity	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP1.30	Assess the number of industrial units that are non-compliant and prepare unit/plant wise action plan for time bound compliance or be shut down.	Action initiated against 04 non-complying industrial units. Prosecution initiated against 01 defaulter.	100%	Ongoing	No	Ongoing	Yes/No	Yes	List of 04 industries, <u>Annex-IP-3.</u>	Not Required	Not Required	Not Required	Not Required
IP1.32	Industrial units to install water spraying system of internal roads and washing of tyres of vehicles	Water sprinkling being done using existing infrastructure	100%	Ongoing	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP3	OCEMS in Industries												

IP3.2	Implement Continuous Emission Monitoring System (CEMS) across all targeted and applicable polluting industry	Being complied with by 33 industrial units	100%	As Regular Activity	No	Completed	Number	Yes	List of 33 industries. <u>Annex-IP-6.</u>	Not Required	Not Required	Not Required	Not Required
IP3.3	Development of mobile facility/van for continuous ambient air quality monitoring for different localities.	Ambient air quality monitoring van with portable systems is proposed by UPPCB through funding by 15th Finance Commission.	1	March-22	No	Ongoing	01 van	No	Nil	Nil	Nil	Nil	2.03cr(with O&M for 05yrs)
IP3.4	Live camera feed and to take action against non-complying industrial units	Directions issued under Section 21 of Air Act. Feed from 10-12 major industries available. Notice served to others for compliance failing which action shall be initiated.	33	#####	20	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP4	Clean fuel in industries												
IP4.1	Introduction and shifting towards cleaner fuels in industries	Mostly forging units in Ghaziabad are using PNG in furnace and dismantled their coal fired boilers. Conversion of Boilers to PNG is being resisted due to existing economical burden. Conversion to take place after implementation of approved fuel policy.	100%	As Regular Activity	No	Ongoing	Yes/No	Yes	List of industries using PNG. <u>Annex-IP-8.</u>	Not Required	Not Required	Not Required	Not Required
IP4.2	Conversion to CNG/PNG from pet coke /wood / coal and urgent ban on furnace oil, pet coke, which are dirty industrial fuels with high sulphur and heavy metals	1-Mostly forging units in Ghaziabad are using PNG in furnace and dismantled their coal fired boilers. 2-Banned fuels like pet coke/FO is not being used by units. Which is verified. Conversion to take place after implementation of approved fuel policy.	100%	As Regular Activity	No	Ongoing	Number Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required

IP4.3	Strict enforcement against illegal use of such fuels, including fuels which do not have specifications laid down or are included in the acceptable fuels as mandated by state pollution control boards	Regular inspections and night vigil being maintained to ensure compliance of same	100%	As Regular Activity	No	Ongoing	Yes/No	Yes	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Not Required
IP4.5	Restriction on using un-authorised fuels in industries	Regular inspections and night vigil being maintained to ensure compliance of same	100%	As Regular Activity	No	Ongoing	Yes/No	Yes	List of 124 illegal units. <u>Annex-IP-4.</u>	Not Required	Not Required	Not Required	Not Required
IP5	Control of air pollution from Brick kilns												
IP5.2	identification of brick kilns and their regular monitoring including use of designated fuel and closure of unauthorized units.	Total no. of brick kilns converted to zig zag & issued/applied CTO – 139 Prosecution under Air Act 1981 – 17 Env. Compensation – Rs. 4,75,000/-, Operation to be done only in compliance of Hon'ble NGT order dated 17-02-2021 in the matter of Utkarsh Panwar Vs State of U.P.	100%	60 days (Oct 2019)	No	NA	Yes/No	Yes	List of 139 brick kilns. <u>Annex-IP-9.</u>	Not Required	Not Required	Not Required	Not Required
IP5.3	Conversion of natural draft brick kilns to Force/ induced draft.	139 units have converted to Zi Zag technology. No CTO being granted on FCBTK technology	100%	360 days (Dec 2020 including 4 months grace period due to Covid 19 pandemic)	No	NA	Number (2)	Yes	List of 139 brick kilns. <u>Annex-IP-9.</u>	Not Required	Not Required	Not Required	Not Required
IP8	Control of fugitive emissions in industries												

IP8.2	Scrap management programme for the prevention or minimization of contaminants in steel scrap and other feed materials	Being minimized by adopting best practices	100%	60 days (Oct 2019)	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP8.3	Use of covered or enclosed conveyors and transfer points	RMCs and units where feeding is possible by means of conveyors are ensuring that no fugitive emissions takes place during feeding on conveyors and other transfer points	100%	Regular activity	No	NA	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP8.5	Minimising the number of flanges by welding piping connections wherever possible and using appropriate sealing for flanges and valves	Regular activity to avoid accidents and leakages	100%	60 days (Oct 2019)	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP11	Control of air pollution from generator sets												
IP11.1	Allow only DG sets meeting emission and design of chimney/ exhaust, acoustic enclosures standards to operate	DG Sets permitted only for emergency services under GRAP. Compliance with regards to acoustic enclosure and stack height verified at time of CTOs	100%	As Regular Activity	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP11.2	Curtail use of DG Sets in social events by providing temporary electric connections	No DG set permitted under GRAP. Provision of temporary connection for events has been made by PVVNL.	100%	As Regular Activity	No	Ongoing	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required

IP11.3	Ensure access to quality electricity supply	As per electricity department 23 Hours 48 minutes of power supply being ensured at District head quarters, 23 Hours and 10 minutes at Tehsil and 17 Hours 42 minutes at rural level.	24 Hrs	As Regular Activity	12 minutes at headquarters, 50 minutes at Tehsil and 6 hrs 18 minutes at rural level	Ongoing	Number	No	Nil	Not Required	Not Required	Not Required	Not Required
IP11.4	Discourage use of DG sets in cellular towers. Promote use of alternate power	New Cellular towers using power back in form of inverters or back up batteries	0	As Regular Activity	No	Ongoing	Number	No	Nil	Not Required	Not Required	Not Required	Not Required
IP 11.6	Monitoring of DG sets and action against violations. Fine should be imposed on defaulters.	EC of around Rs. 15 lakhs recovered for non-complying DG set.	Case to case basis	30 days	No	Regular activity	Number	No	Nil	Not Required	Not Required	Not Required	Not Required
IP12	Control of air pollution from waste incineration												
IP12.2	Implement CEMS for incinerators and provide data on emissions on an open platform	CEMS installed on 01 operational incinerator in Ghaziabad	100%	Completed	No	Completed	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required

WASTE AND BIOMASS- DUMPING AND BURNING

Action point code	Action point	Present Status	Target	Target Date	Deviation from Approved Action Plan Target	Annual Target	Field type	Attachment	Attachment Contents	Total Funds Allocated	Funds released	Funds Utilized	Additional Funds Required
BB1	Biomass Burning												
BB1.1	Regular check and control of burning of municipal solid wastes	26 teams constituted in Ghaziabad for regular checks. 45 incidences have been reported and EC of Rs. 51,50,000/- has been imposed against defaulters	Zero tolerance	90 days (Nov-2019)	No	Ongoing activity	Number	No	Nil	Not required	Not required	Not required	Not required
BB1.2	Defaulters for open burning to be imposed fines	45 incidences have been reported and EC of Rs. 51,50,000/- has been imposed against defaulters	100%	90 days (Nov-2019)	No	Ongoing activity	Number	Yes	List of Defaulters. Annex-WB-1.	Not required	Not required	Not required	Not required
BB1.3	Identify Garbage burning locations	156 Dhalav ghar/ garbage dumping points closed by GNN.	100%	90 days (Nov-2019)	No	Regular activity	Number	No	Nil	Not required	Not required	Not required	Not required
BB1.4	Prohibition/complete ban on garbage burning.	Complete ban on garbage burning in Ghaziabad, Defaulters being identified and punished	Zero tolerance	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Ongoing activity	Yes/No	No	Nil	Not required	Not required	Not required	Not required
BB1.5	Launch extensive drive against open burning of bio-mass, crop residue, garbage, leaves, etc.	26 teams formed for checkings	100% area survey	90 days (Nov-2019)	No	Ongoing activity	Yes/No	No	Nil	Not required	Not required	Not required	Not required
BB1.6	Construction of advanced waste management Site.	04 decentralized sites being developed in Indirapuram, hindon vihar, sihani and govindpuram	4	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	2 (govindpuram & indirapuram sites to be developed within 02 months after	Ongoing activity	Yes/No	Yes	As detailed in present status.	23.5 Cr allocated	Funds allocated in Board meeting on 26.12.2020	Not required	Not required

BB1.7	Regular collection and control of municipal solid wastes.	100% door to door collection of MSW being ensured by GNN in municipal wards	100%	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Ongoing activity	Number	Yes	As detailed in present status.	Not required	Not required	Not required	Not required
BB1.8	Providing Organic Waste Compost machines , decentralization of processing of Waste, dry waste collection centers.	GNN has already set up composting pits at all its parks along with preparing and handing over more than 300 composting pits to RWAs and other social groups. 600 parks out of 1235 parks have met the compliance of composting of horticulture waste generated within these parks. Monitoring of bulk waste generators being done to ensure compliance. Notice issued to 1003 bulk waste generator in Ghaziabad and fine of Rs. 3240000/- collected for violation.	100%	90 days (Nov-2019)	No	Ongoing activity.	Number	No	Nil	Not required	Not required	Not required	Not required

BB1.9	Awareness for controlling of burning of agricultural waste and crop residues.	Action plan for awareness generation & IEC Activities on crop residue management has been prepared by agriculture Department for awareness on burning of crop residue. 24 incidences of agriculture waste residue reported between 1.10.2020 and 30.11.2020 as per satellite imagery. Out of these only 2 were identified as agricultural residue burning during ground truthing. FIR has been filed against 5 individuals and penalty of Rs. 12,500 imposed on defaulters. 112,60 MT of residue transferred to cow shelters during said period	Zero tolerance	Regular activity	Regular activity	Ongoing activity.	Regular Activity	Yes	Action plan on crop residue management for IEC activities. Annex- WB 2.	Not required	Not required	Not required	Not required
BB1.11	Dead Bodies of Animals should be disposed through proper treatment facility like rendering plant etc	1 carcass plant installed by GNN. EC is recommended for violations observed during inspection of said plant	One	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed		No	Nil	Not required	Not required	Not required	Not required
BB 1.12	Door to Door collection of segregated waste by agency and then its disposal directly in plant without dumping it on land.	Nagar Nigam is operating 50 no of E-Vehicle for Door to Door Garbage Collection.	100%	90 days (Nov-2019)	No	Ongoing activity		No	Nil	Not required	Not required	Not required	Not required
BB2	Ensure segregation of waste at source	Total segregated collection is ongoing in 100 wards	100%	90 days (Nov-2019)	No	Regular activity	Number (2)	No	Nil	Not required	Not required	Not required	Not required

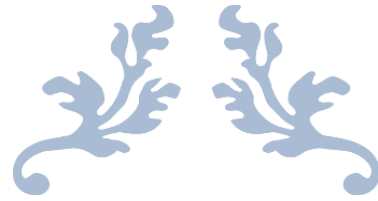
BB3	Proper collection of Horticulture waste and its disposal following composting-cumgardening approach	GNN has already set up composting pits at all its parks along with preparing and handing over more than 300 composting pits to RWAs and other social groups. 600 parks out of 1235 parks have met the compliance of composting of horticulture waste generated within these parks	100%	90 days (Nov-2019)	No	Regular activity	Number	No	Nil	Not required	Not required	Not required	Not required
BB6	Check/stop on Stubble Burning	Paddy harvesting is complete. 24 incidences of agriculture waste residue reported between 1.10.2020 and 30.11.2020 as per satellite imagery. Out of these action has been taken against agricultural waste residue burning incidences.	Zero tolerance	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Ongoing activity	Number Yes/No	Yes	Comprehensive Action Plan for Crop residue burning prepared by Agriculture Department. Annex-WB-3.	As per Action Plan	As per Action Plan	As per Action Plan	As per Action Plan
BB9	Use of satellite based monitoring as well as mobile spot check squads for enforcement	Complied with. 24 incidences reported. Ground truthing of all reported incidences done by means of physical inspections	100% reporting of defaulters	Regular activity	No	Manual checking is a Regular activity	Text	No	Nil	Not required	Not required	Not required	Not required
BB10	Landfill fire	Two water sprinkle installed at sites	02 water sprinkler	90 days (Nov-2019)	No	Regular activity	Number Text	No	Nil	Not required	Not required	Not required	Not required

BB11	Fire crackers—regulate to control their usage	38 cases were registered and action was taken against 30 persons. Another two-dozen people were arrested for creating ruckus and bursting crackers under section 151 of CrPC (prevention against commission of cognisable offence) and notices were served to another 100 persons	Enforcement as per Hon'ble Supreme Court's directions	Regular activity	No	NA	Text	No	Nil	Not required	Not required	Not required	Not required
DF1	Domestic Fuel												
DF1.1	Increasing the LPG connections in low income strata.	47,107 new LPG connections done under Ujjwala Scheme	Completed	30 days	No	Ongoing	Number	No	Nil	Not required	Not required	Not required	Not required
DF1.6	Ensure easy availability of affordable cleaner cooking fuels (LPG in urban areas & biogas in rural areas)	47,107 new LPG connections done under Ujjwala Scheme	Completed	As Regular Activity	No	Ongoing	Text	No	Nil	Not required	Not required	Not required	Not required
DF1.8	Implementation of Pradhan Mantri Ujjwala Yojana (PMUY)	47,107 new LPG connections done under Ujjwala Scheme	Completed	As Regular Activity	No	Ongoing	Text	No	Nil	Not required	Not required	Not required	Not required
DF1.9	Shift to LPG from solid fuel & kerosene for domestic applications	47,107 new LPG connections done under Ujjwala Scheme	Completed	As Regular Activity	No	Ongoing	Number	No	Nil	Not required	Not required	Not required	Not required

Air Quality Data																		
Action Code	Action Point	Field type	Attachment	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Attachment Contents
AQ1.1	Monthly averages for PM2.5 (In µg/m3)	Number (12)		175	134	65	51	58	47	32	21	50	153	269	247	-	-	
AQ1.2	Monthly averages for PM10 (In µg/m3)	Number (12)		260	237	136	131	157	143	86	57	143	306	435	380	281	276	
AQ1.3	Monthly averages for SO2 (In µg/m3)	Number (12)		9.8	13.7	15.0	18.0	17.6	16.1	8.7	8.6	12.0	14.8	22.6	17	8	10	
AQ1.4	Monthly averages for NO2 (In µg/m3)	Number (12)		60.7	54.5	39.8	24.4	29.0	25.6	18.0	21.9	29.2	79.2	112.6	105	28	28	
AQ1.5	Annual averages for PM2.5 (In µg/m3)	Number (1)		109														
AQ1.6	Annual averages for PM10 (In µg/m3)	Number (1)		205														
AQ1.7	Annual averages for SO2 (In µg/m3)	Number (1)		17.5														
AQ1.8	Annual averages for NO2 (In µg/m3)	Number (1)		62.6														
AQ1.9	Monthly Meteorological Data																	

Note: Average of particular parameter of particular CAAQMS, In Ghaziabad there are 4 CAAQMS

Ghaziabad city Meteorological Data 2020							
Parameter	WS	WD	AT	RH	BP	SR	RF
Month	m/s	Deg	°C	%	mmHg	W/m²	mm
January	1.83	190	14	78	742	54	177.0
February	2.10	191	18	67	743	71	97.3
March	2.22	191	23	67	742	91	159.2
April	2.23	189	29	45	741	106	11.6
May	2.71	183	33	46	740	109	50.4
June	1.89	184	34	67	739	104	218.2
July	2.18	184	32	78	738	88	332.8
August	2.07	183	30	85	738	80	1067.1
September	1.94	192	32	71	740	91	26.8
October	1.17	198	28	49	742	74	0.0
November	1.17	186	21	56	743	57	0.8
December	1.26	196	16	69	743	58	3.5
Avg.	1.90	189	26	65	741	82	2144.7



ANNEXURE

MICRO LEVEL PLANNING OF CITY ACTION PLAN- GHAZIABAD

DEPARTMENT NAME: UTTAR PRADESH POLLUTION CONTROL BOARD

Air quality monitoring network

Action point	Time Target	Implementation agencies
Air Quality Index to be calculated and disseminated to the people through website and other media (on maximum fortnightly basis for manually operated monitoring stations and real time basis for continuous monitoring stations)	15 days and thereafter as regular activity	UPPCB

Micro level planning

Project name	Details of work	Target reduction	Total Cost (In Lacs)	Project timeline	Source of funding	Funds released	Additional fund requirement	Officer responsible	
								Project implementation	Project review
Installation of CAAQMS in Ghaziabad city	01 CAAQMS to be installed in Ghaziabad city as per CPCB norms. Installation of remaining 01 CAAQMS is proposed from the funds to be released under National Clean Air Programme Scheme of MoEF&CC/ funds to be allocated under 15th Finance Commission. The tendering has already been done and the station shall be established expeditiously after release of funds. Demand has been raised for funding under XV-FC.	Low	Rs. 120 lacs (CapEx) Rs. 000 lacs (OpEx for 1 st year) = Rs. 20 lacs Total Rs. 120 lacs	June 21	NCAP/ XV-FC	NIL	–	Chief Environment Officer (Laboratory) UPPCB	Member Secretary, UPPCB

Timelines for the project – Installation of CAAQMS in Ghaziabad

Activity	Sub-activity	Timeline									Remarks
		Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	March 21	April – May 21	June 21	
Prebidding stage	Preparation of tender document										The project is being retendered
Bidding stage	Calling of bids& its approval										completed
	Release of work order										On the basis of repeat order
Project execution	Procurement of CAAQMS										
	Selection of location										
	Installation of CAAQMS										
	Connecting CAAQMS to the online CPCB server for real										

	time monitoring										
	Calibration of CAAQMSs										Regular Activity

Mechanism for Monitoring, Review and reporting

Key performance indicators	Performance assessment		Reasons for delay in completion	Steps taken to minimize the delay
	Parameter	Details		
Timely completion of activities	Procurement	01 CAAQMS to be installed in Ghaziabad city as per CPCB norms. Installation of remaining 01 CAAQMS is proposed from the funds to be released under National Clean Air Programme Scheme of MoEF&CC/ funds to be allocated under 15th Finance Commission. The tendering has already been done and the station shall be established expeditiously after release of funds. Demand has been raised for funding under XV-FC.	1. Sanction & release of funds	Process carried out as per guidelines of General Financial Rules and conditions of Tender documents.
	Installation	Under process		
Operation of the CAAQMS	Total parameters analysed	Activities to be initiated after installation of CAAQMS		
	No. of non-operation days			
	Calibration of CAAQMSs			
Data availability and usage	Setting public alerts when pollution is high			
	Data availability on public domain through SAMEER App			
	Trend analysis of level of pollutants over a period of time			

MICRO LEVEL PLANNING COF CITY ACTION PLAN- GHAZIABAD

DEPARTMENT NAME: UTTAR PRADESH POLLUTION CONTROL BOARD

Knowledge and database augmentation – Source apportionment studies (Monthly)

Action point	Time Target	Implementation agencies
Source Apportionment, Emission Inventory & Carrying Capacity Assessment	360 days	UPPCB

Micro level planning

Project name	Details of work	Target reduction	Total Cost (In Lacs)	Project timeline	Source of funding	Funds released	Additional fund requirement	Officer responsible	
								Project implementation	Project review
Comprehensive SA study for Ghaziabad	Comprehensive SA study by IIT-Kanpur	Moderate	Rs. 52.0 lacs	June 2021	Board	Rs. 52.0 lacs	No	Chief Environment Officer (Laboratory) UPPCB	Member Secretary, UPPCB

Timelines for the *Comprehensive SA* study for Ghaziabad

Activity	Sub-activity	Timeline						Remarks
		April 17	*May 17 - Dec 20	Jan-Mar-21	Mar-April 21	May-21	June 21	
		40%		30%	15%	15%		
Proposal stage	Release of work order							
	Procurement & establishment of monitoring stations							
	Sampling & Analysis							
	Dispersion & Receptor modelling							
	Data interpretation & compilation , Draft Report							
	Final report preparation & submission							
	Presentation & discussion on the submitted report							

* The studies are delayed as at IIT-Kanpur, both students and project staff were not available due to COVID-19 Pandemic and delay in repairing of IC instrument.

Mechanism for Monitoring, Review and reporting (Monthly)

Key performance indicators	Performance assessment		Reason for delay in completion	Steps taken to minimize the delay
	Parameter	Details		
Timely completion of activities	Total operational activities		COVID-19 Pandemic and repairing issue of instrument.	
	Activities completed within timeline			
	Total time slippage w.r.t. original timeline			
Refinement of action plan based on recommendations of SA study	Addition & prioritization of action points as per the recommendations			
	Identification of hotspots & high impact sources on air pollution of the city			
	Micro planning & implementation for control of pollution due to high impact sources and of hotspots			
Monitoring	Impact on hotspots& high impact pollution sources due to focussed actions			



Uttar Pradesh Pollution Control Board

Training Calendar 2021-2022

A. Training and Capacity building of UPPCB officials

S. No.	Training Topics	Mode of Training	Training Agency	Duration/Timeline for Development of Training modules	Duration	Tentative Schedule	Tentative Number of Participants	Remarks
1	Functioning of Air Pollution Control System (APCS) installed in Industries	Online	UPPCB	Dec-21	3 Days	Jan-March 2022	10/ NAC	Timeline is subjected to availability of funds under XV FC
2	Training for Preparation and Up-gradation of Emission Inventories on GIS Platform along with Source Apportionment Studies and its use for up-gradation of City Clean Air Action Plans	Online	UPPCB	Jan-22	5 Days	Jan-March 2022	5/NAC	Timeline is subjected to availability of funds under XV FC

3	Training on Air Quality Monitoring which includes Ambient AQM, Monitoring of Pollution Sources and Hotspots for intervention impact assessment along with data interpretation and proposed actions	Online	UPPCB	Sep-21	2 days	Jan-March 2022	10/NAC	Timeline is subjected to availability of funds under XV FC
4	Training on Assessment of Pollution Load of sources including stack monitoring, assessment of suspended dust by roads etc. along with data interpretation	Online	UPPCB	Sep-21	3 Days	Dec 2021-Feb 2022	10/NAC	Timeline is subjected to availability of funds under XV FC
5	Training on Virtual monitoring of pollution sources through online portal from Control Rooms	Online	UPPCB	Jun-21	2 days	July- Dec 2021	10/NAC	Timeline is subjected to availability of funds under XV FC
6	Training on the Use of Laboratory Information Management System (LIMS)	Online	UPPCB	Jun-21	3 Days	July- Dec 2021	10/NAC	Timeline is subjected to availability of funds

								under XV FC
7	Training on Noise Monitoring, preparation of Noise Maps and data interpretation	Online	UPPCB	Jun-21	2 Days	July- Dec 2021	2/NAC	Timeline is subjected to availability of funds under XV FC
8	GIS Training for Air Pollution Source Identification and their Monitoring	Offline	Residential Training Conducted by Remote Sensing Application Centre, Lucknow	–	1 week	11 May- 18 May	2 UPPCB HQ & 1 from each NAC Total 9	
9	Advance Instrumental Analytical Techniques and Preventive Maintenance	Offline	National Institute of Occupational Health, Nirmal Bhavan, Poojanahalli Road, Off NH-7, Devanahalli Taluk, Kannamangala Post, Bangalore- 562 110	–	1 week	7 June- 14 June	2 UPPCB HQ & 1 from each NAC Total 9	
10	Advance Instrumental Analytical Techniques (AAS, ICP-OES, XRF, GC-MS, ATDG, HPLC, IC, EC/ OC, TOC etc.)	Offline	Analytical Instrumentation Division, National Environmental Engineering Research Institute, Nehru Marg, Nagpur – 440 020	–	1 week	15 June- 21 June	2 from UPPCB HQ	

11	Training on Preparation of Standard Operating Procedures for Analytical Techniques	Offline	IITR, Lucknow	–	1 week	12 July- 18 July	2 UPPCB HQ & 1 from each NAC Total 9	Timeline is subjected to availability of funds under XV FC
12	Training on Measurement Uncertainty	Offline	4-days Training conducted by BIS/ CIPET	–	4- days	16 Aug-19 Aug	2 UPPCB HQ & 1 from each NAC Total 9	Will be subjected to COVID-19 Pandemic Conditions
13	Laboratory Quality Management & Internal Audit as per ISO: IEC 17025:2017	Offline	4-days Training conducted by BIS/ CIPET	–	4- days	13 Sept-16 Sept	2 UPPCB HQ & 1 from each NAC Total 9	Will be subjected to COVID-19 Pandemic Conditions
14	Real Time Monitoring of Continuous Ambient Air Quality Monitoring (CAAQM), Merits, Demerits, Standard Operation & Maintenance Procedures, Data Validation, Interpretation & Presentation. Calibration &	Offline	Private Vendor	–	3 days	20 April- 22 April	2 from UPPCB HQ	

	Quality Assurance, Uncertainty Aspects and Related Formats/ Check Lists							
15	Air Pollution Control Devices & OCEMS for various sectors	Offline	Environment Management Division, Engineering Staff College of India, GachiBowli, Hyderabad – 500 032	–	1 week	4 october-10 October	2 UPPCB HQ & 1 from each NAC Total 9	Will be subjevted to COVID-19 Pandemic Conditions
16	Environmental Data Interpretation, Compilation, Analysis, Presentation and Reporting – Hands-on- Training and Case Study	Offline	IndianStatistical Institute, 7, S.J.S. SansanwalMarg, New Delhi -110 016	–	1 week	18 Dec-24 Dec	2 UPPCB HQ & 1 from each NAC Total 9	Will be subjevted to COVID-19 Pandemic Conditions
17	Environmental Legislations, Interpretation, Enforcement, Legal and Statutory	Offline	NationalLaw School of India University, Post Bag No. 7201, Nagarbhavi, Bangalore – 560 072 (Karnataka)	–	1 week	3 Jan,22 - 9 Jan,22	2 from UPPCB HQ	Will be subjevted to COVID-19 Pandemic Conditions

	Requirements – Case Studies							
B. Training and Capacity building of Urban Local Bodies and Other Stakeholders								
S.No.	Training Topics	Mode of Training	Training Agency	Duration/Timeline for Development of Training modules	Duration	Tentative Schedule	Tentative Number of Participants	
1	For Air Pollution Control System (APCS) Operators & Supervisors in Industries for effective functioning of APCS	online	UPPCB	Dec-21	1 Week	Jan-March 2022	50/ NAC	Timeline is subjected to availability of funds under XV FC
2	For Boilers Operators with the objective of ensuring Efficient & Pollution free operation of Boilers installed in the industries	online	UPPCB	Dec-21	1 Week	Jan-March 2022	50/ NAC	Timeline is subjected to availability of funds under XV FC
3	For employees of ULBs regarding Control of Air Pollution	online	UPPCB	Sep-21	5 Days	Oct 2021- March 2022	All concerned employees of ULBs	Timeline is subjected to availability of funds under XV FC

4	For Site Incharge and Supervisors of Construction & Infrastructure Development Projects for control of Dust Pollution and use of Dust App	online	UPPCB	Sep-21	3 Days	Oct 2021- March 2022	All opreative construction projects	Timeline is subjected to availability of funds under XV FC
5	For Making the RWAs & Citizens to adopt environmentally friendly practices and motivate them to lead reduced pollution load lifestyles and recognising them as Paryavaran Prahari along with development of a Mobile App	online	UPPCB	Sep-21	1 week	Oct 2021- March 2022	For Mass Awareness	Timeline is subjected to availability of funds under XV FC
C. Training and Capacity building of Local Technical Institutes with the help of IoR identified under NKN								
S.No.	Training Topics	Mode of Training	Training Agency	Duration/Timeline for Development of Training modules	Duration	Tentative Schedule	Tentative Number of Participants	

1	Preparation and Up gradation of Emission Inventories on GIS Platform along with Source Apportionment Studies and its use for upgradation of City Clean Air Action Plans	online	UPPCB	Dec-21	5 Days	Jan-March 2022	05/ Local Institutes	Timeline is subjected to availability of funds under XV FC
2	Air Quality Monitoring which includes Ambient AQM, Monitoring of Pollution Sources and Hotspots for intervention impact assessment along with data interpretation and proposed actions	online	UPPCB	Dec-21	3 days	Jan-March 2022	05/ Local Institutes	Timeline is subjected to availability of funds under XV FC
3	Assessment of Pollution Load of sources including stack monitoring, assessment of suspended dust by roads etc.	online	UPPCB	Dec-21	4 Days	Jan-March 2022	50/ Local Institutes	Timeline is subjected to availability of funds under XV FC

Establishment of mobile enforcement units in million plus cities for control of Air Pollution

As pressure on air quality increases, flexible and dynamic techniques are required to understand variation in air quality. New mobile air quality monitoring techniques are allowing us to intensively describe air quality, rather than relying on fixed sites to provide a representative picture of air quality. Mobile monitoring allows more opportunity to assess air quality in an area, using temporary sites which can be moved around multiple locations.

Broadly, mobile air quality monitoring involves deploying instruments for a short period at a temporary location, before moving them to another location. These deployments may be as short as a few hours or a few days. Often instruments are mounted in or on a vehicle, in a trailer or mounted temporarily. Regardless of the deployment, the site is treated as temporary, and the instrument is moved after a short period. Mobile monitoring can be a useful for assessing where to locate fixed sites in order to measure the highest concentrations of pollutants and maximize the value of the network. For example, let's say you want to understand the characteristics of a small area – mobile monitoring allows intensive, small scale campaigns which enable detailed understanding of local air quality. Mobile monitoring can often work out cheaper than fixed monitoring.

The vehicles for mobile enforcement unit will be used in enforcement purposes for taskforce constituted to control of Air Pollution. It will be helpful for the monitoring of implementation of city action plan for the control of air pollution. Therefore, three mobile enforcement units equipped with GPS (Global Positioning System) proposed in each million plus cities (Agra, Ghaziabad, Kanpur, Lucknow, Meerut, Prayagraj, Varanasi).

S.No.	Name of City	Present Status of Mobile Enforcement Units by Board under NCAP*	Proposed Mobile Enforcement Unit
1	Agra	2	3
2	Ghaziabad	-	3
3	Kanpur	3	3
4	Lucknow	4	3
5	Meerut	-	3
6	Prayagraj	3	3
7	Varanasi	3	3

* Beside above department i.e. Agriculture, Nagar Nigam, Development Authority etc. has also been established the taskforce for the implementation of GRAP for control of air pollution.

Action Taken Report of Ghaziabad City upto Feb-2021

a) Enforcement

S. No.	Air pollution sources	No. of teams deput ed for inspection	No. of total inspections	No. of defaulters	Action taken					
					Notices	Cases referred for fine under NGT Act.	Fine imposed	Fine collected (in Rs.)	Show cause notice	No. of Closures done
1.	Industrial activity	4	503	120	6	0	5520000	51000	0	116
2.	Open burning <ul style="list-style-type: none"> • Municipal • Biomass 	26	1245	39	3	1	5105000	5000	31	0
3.	Dust from Building Construction projects/ Highways/ Building materials	54	2176	109	82	64	3380000	2995000	2	0
4.	Dust from Construction & Demolition Activities	21	3289	134	146	1	4780000	100000	14	25
5.	Air Pollution from Brick Kilns	1	273	0	0	0	0	0	0	0
6.	Visible Polluting Vehicle	0	0	30	0	0	0	0	0	30
7.	Old Polluting Vehicle	0	0	2	0	0	0	0	0	0
Total		106	7486	434	237	66	18785000	3151000	47	171

Letter No.:N.G.T.-652/81-7-2020-09(Writ)/2016 T.C.

From,

Sudhir Garg,
Principal Secretary,
Government of Uttar Pradesh.

To,

Member Secretary,
National Disaster Management Authority,
NDMA Bhawan, A-1, Safdarjung Enclave,
New Delhi - 110029.

Environment, Forest &
Climate Change Section-7,

Lucknow : Dated: 22-December, 2020

Sub:- Compliance of order of Hon'ble National Green Tribunal dated 20.11.2019 passed in O.A. No. 681/2018 in the matter of News item published in "The Times of India" Authored by Shri Vishwa Mohan titled "NCAP with multiple timelines to clean air in 102 cities to be released around August 15" reg.

Dear Sir,

Please refer to the captioned order of Hon'ble NGT dated 20.11.2019 vide which it was directed that the emergency arising out of severe air pollution levels may be treated as a disaster and an Emergency Response System may be developed accordingly. The relevant operative portion of the order dated 20.11.2019 is reproduced below-

".....27. With regard to finalization of Emergency Response System (ERS), we are of view that the State Disaster Management Authorities in coordination with the SPCBs/PCCs and State Units of Meteorological Departments may include emergency as a part of disaster management and develop ERS accordingly which may be placed in public domain."

In order to ensure compliance of this order, Uttar Pradesh Pollution Control Board had issued a direction under section 31A of the Air (Prevention and Control of Pollution) Act, 1981 dated 18.02.2020 to Uttar Pradesh Disaster Management Authority (UPSDMA) for development of Emergency Response System. The matter was also reviewed by Chief Secretary, Government of Uttar Pradesh on 02.12.2020 in which UPSMA submitted that the guidelines for treating the emergency arising out of severe air pollution levels as disaster and development of ERS have not been issued by the apex body namely National Disaster Management Authority (NDMA). It was decided in the said meeting dated 02.12.2020 that a request letter for issuance of the required guidelines may be sent to NDMA, Central Pollution Control Board and Ministry of Environment Forest & Climate Change, Government of India.

Therefore, it is requested that the Guidelines for treating the emergency arising out of severe air pollution levels as disaster and development of ERS accordingly may kindly be issued at the earliest so that the necessary steps may be taken up by the State for compliance of orders of Hon'ble NGT.


Yours Sincerely,

(Sudhir Garg)
Principal Secretary.

Letter No.:N.G.T.-652/81-7-2020-09(Writ)/2016 T.C., Dated.

Copy: For taking up necessary action for issuance of guidelines to-

1. Secretary, Environment, Forest & Climate Change, Government of India, Indira Paryavaran Bhawan, Jorgabh Road, New Delhi – 110003.
2. Chairman, Central Pollution Control Board Parivesh Bhawan, East Arjun Nagar, Delhi – 10032.
3. Member Secretary, UP State Disaster Management Authority, Picup Bhawan, B-2 Ground floor, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010.
4. Member Secretary, UP Pollution Control Board, Lucknow.


(Sudhir Garg)
Principal Secretary.

LED Display boards under Ghaziabad City:

1. Dabur Chowk,
2. Raj Nagar Extension,
3. Collectorate,
4. Gaur City Road,
5. Duhai,
6. Sanjay Nagar Combined Hospital,
7. Regional Office UPPCB,
8. Gyan Khand Indrapuram,
9. Loni Nagar Palika/Tehsil Office



Uttar Pradesh Pollution Control Board

Public Awareness & Engagement Calendar FY - 2021-22

S. No.	Date	Theme/Issue	Organizing Department/Agency	Target Group	Source of Funding
1	April-June 2021	Clean Environment Hackathon, 2021 (Online Hackathon for moonshot awareness campaign tool to help people to assess environmental impact of their lifestyle, thereby coaxing them to reduce their environmental footprints.)	UPPCB	Students & Professionals	UPPCB/CSR Funds
2	April 2021- March 2022	Paryavaran Prahari Programme for orientation of people on various environmental issues by involving them in IEC activities	UPPCB	All Citizens	UPPCB Funds
3	22 nd April, 2021	World Earth Day – Restore Our Earth	Madhyamik Shiksha/Basic Education & Industries	Class 1 – 12/ Industries	Departmental Funds & CSR Funds
4	5 th June	World Environment Day – Ecosystem Restoration	Environment, Forest & Climate Change Department U.P.	Schools/Colleges/ RWAs /Industries	Government Funds & CSR funds

S. No.	Date	Theme/Issue	Organizing Department/Agency	Target Group	Source of Funding
5	1 st July – 7 th July, 2021	Van Mahotsav (Plantation Drives)	All Departments/Agencies/Indu stries and Individuals	Schools/Colleges/ RWAs/Industries/ Government Departments	Government Funds & CSR funds
6	16 th September, 2021	World Ozone Day - Ozone: All there is between you and UV	Environment, Forest & Climate Change Department U.P.	Schools/Colleges/ RWAs/Industries	
7	20 th September – 23 rd September, 2021	PUC Awareness Drive	Transport Department UP	All Stakeholders	Departmental Funding
8	24 th September, 2021 – 30 th September, 2021	Graded Response Action Plan Awareness Workshop	UPPCB & District Environment Committee	All Stakeholders	UPPCB Funds
9	1 st October, 2021	C&D Waste Management Awareness Workshop	Urban Development Department	CREDAI/Builder s/Contractors	Departmental Funding
10	2 nd October, 2021	Solid Waste Management – Engaging Ragpickers and Society	Urban Development Department	RWAs/Rag pickers/Waste Warriors	Departmental Funding
11	October, 2021 – Every Saturday	Plogging: Plog-a-thon	UPPCB	RWAs/Industries/ Institutes/Schools	

S. No.	Date	Theme/Issue	Organizing Department/Agency	Target Group	Source of Funding
12	25 th October, - 29 th October, 2021	Fire Crackers Awareness Campaign	Higher/Madhyamik/Basic Education Department & District Environment Committee	Schools/Colleges/ RWAs	Departmental Funding
13	11 th January – 17 th January, 2022	Road Safety Awareness – Traffic Management & Air Pollution	Transport Department & Traffic Police	All Stakeholders	Departmental Funding
12	24 th January, 2022	Circular Electronics Day – Electronic Waste Awareness Workshop	UPPCB	All Stakeholders	UPPCB & CSR Funds
13	2 nd February, 2021	World Wetland's Day Awareness Programme	Environment, Forest & Climate Change Department U.P.	All Stakeholders	Departmental & CSR funding

Note: Complete Programme details to be made available on www.uppcb.com a month in advance

Ghaziabad Micro plan Attachment

Action Point Code	Remarks							
Public Outreach								
PO 2.1	Redressal status of complaints received on Sameer App From: 01-01-2018 To: 15-03-2021							
	PGRS	Area	Agency	No of Complaints Received	No of Complaints Resolved (%Resolved)		No of Complaints Not Resolved (%Not Resolved)	
					Number	%	Number	%
	Sameer App	Ghaziabad	MC Ghaziabad, Ghaziabad Nagar Nigam	958	724	(76%)	234	(24%)
			VC_ Ghaziabad, Ghaziabad Development Authority	118	108	(92%)	10	(8%)
			Additional District Magistrate (F&R), Ghazibad, Ghaziabad	1	1	(100%)	0	(0%)
			Assistant Regional Transport Officer (ARTO), GautamBudh Nagar	24	19	(79%)	5	(17%)
			SP Traffic Ghaziabad, sptrafficgzb@gmail.com	1	0	(0%)	1	(100%)
			Public Development Work Ghaziabad	1	0	(0%)	1	(100%)
			RO, Ghaziabad, UPPCB	778	689	(88%)	89	(12%)
			Ghaziabad, Ghaziabad	73	72	(97%)	1	(3%)
			Sh. Ashok Tiwari, Ghaziabad	2	2	(100%)	0	(0%)
			Sh. VivekRai, Ghaziabad	1	0	(0%)	1	(100%)
	SwachVayuApp		Nagar Nigam	6	6	(100%)	0	(0%)
		Total		1963	1621	(83%)	342	(17%)

- The software architecture of Sameer App for disposal of complaints outside the NCR has not been fully developed by CPCB owing to which the complaints cannot be received and disposed online by the concerned departments.
- A request letter has been sent to CPCB on 26.11.2020 to restrict the receiving of the complaints in non-NCR region of Uttar Pradesh until the software architecture is developed to address the complaints online by the concerned departments.
- A reminder letter has been sent to CPCB on 11.12.2020 for the restructuring of Sameer App and incorporation of implementation agencies so that the concerned implementation agencies should receive the complaints in real time and upload the action taken report directly. It is relevant to mention that at present the App is designed for **NCR region** only in which online assigning and ATR uploading facility by the responsible departments are not available.
- As per the request of CPCB, the JSON file of 8 NCR districts: Baghpat, Bulandshahar, GautamBudh Nagar, Ghaziabad, Hapur, Meerut, Muzaffarnagar, and Shamli has been provided from UPPCB on 11.02.2021 and again forwarded on 16.02.2021
- In the District Environmental Committee (DEC) meeting held on 12.02.2021, it has been directed to the concerned departments in Ghaziabad for the disposal of complaints received on Sameer app by assigning complaints to the concerned departments through their user ID and password provided from the Uttar Pradesh Pollution Control Board Regional Office, Ghaziabad. Disposal of complaints should be taken in 72 hours has also been assured from the concerned departments.
- The SwachhVayu App is fully functional for receiving and addressing the public complaints in all NACs of UP. Request was also put up by UPPCB regarding integration of SwachhVayu App with the Sameer App so as to enable a unified Public Grievances Redressal Portal as directed by Hon'ble NGT in the 4th Meeting of Implementation Committee of NCAP dated 18.12.2020 in which decision has been taken up by CPCB for the same. **CPCB is requested to do the needful expeditiously.**
- For the integration work a discussion meeting through **VC was conducted on 16.02.2021** between the Sameer App team form CPCB and Sameer App Nodal. The integration work is under process.

Names of Roads covered

विजयनगर जोन स्थित उत्सव भवन से गौशाला अन्डर पास।	2.0 km-
सम्राट चौक से डी0पी0एस0 चौराहे तक।	1.5 km-
लीलावती चौक से वन इन्डिया मार्ट तक।	2.0
गोल तिगरी से मेरठ तिराहे पलाई ओवर तक।	4.0
आर0डी0सी0 पलाई ओवर से ए0एल0टी0 पलाई ओवर तक।	4.5
आर0डी0सी0 नया गाजियाबाद से ए0एल0टी0 पलाई ओवर तक।	2.5
हापुड़ चुंगी से डायमण्ड पलाई ओवर एन0एच0-24 तक	3.0
हापुड़ चुंगी से पुलिस लाइन तक।	2.0
भौपुरा से हिन्डन एयरपोर्ट तक।	2.5
मेरठ तिराहे से गगन इन्क्लेव पुल तक।	3.0
चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।	3.0
मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।	3.0
गगन इन्क्लेव से मेरठ तिराहे तक।	2.1/2
कविनगर जोनल कार्यालय से श्यामा मुखर्जी पार्क तक।	4.0
हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर	5.0
हिन्डन एयरफोर्स तिराहे से हिन्डन नदी तक दोनो ओर।	3.0
हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर	3.0
अप्सरा बोर्डर से मोहननगर चौराहे तक।	5.0
मोहननगर चौराहे हिन्डन नदी तक प्रतिदिन।	2.0
मोहननगर चौराहे से अप्सरा बोर्डर तक।	5.0

63.5

Total- 120 km

कार्यालय महाप्रबन्धक(जल), नगर निगम, गाजियाबाद

पत्रांक:- 642 /एस0टी0-जी0एम0/2020-21

दिनांक 04.03.2021

समस्त अवर अभियन्ता(जल)
नगर निगम, गाजियाबाद।

नगर आयुक्त महोदय द्वारा रात्रिकालीन सफाई एवं शहर के मुख्य मार्गों पर धुलाई/छिड़काव कराये जाने हेतु निर्देश दिये गये हैं। नगर आयुक्त महोदय द्वारा दिये गये निर्देशों के क्रम में रात्रिकालीन धुलाई/छिड़काव कराये जाने हेतु कार्यक्रम निम्न प्रकार है:-

दिनांक	अवर अभियन्ता का नाम	स्थल
05.03.21	श्री अजय कुमार	विजयनगर जोन स्थित उत्सव भवन से गौशाला अन्डर पास। सम्राट चौक से डी0पी0एस0 चौराहे तक।
06.03.21	विजयनगर जोन	सम्राट चौक से डी0पी0एस0 चौराहे तक। विजयनगर जोन स्थित उत्सव भवन से गौशाला अन्डर पास।
07.03.21		लीलावती चौक से वन इन्डिया मार्ट तक। सम्राट चौक से डी0पी0एस0 चौराहे तक।
08.03.21		गोल तिगरी से मेरठ तिराहे फ्लाई ओवर तक। सम्राट चौक से डी0पी0एस0 चौराहे तक।
09.03.21		विजयनगर जोन स्थित उत्सव भवन से गौशाला अन्डर पास। सम्राट चौक से डी0पी0एस0 चौराहे तक।
10.03.21		विजयनगर जोन स्थित उत्सव भवन से गौशाला अन्डर पास। सम्राट चौक से डी0पी0एस0 चौराहे तक।
11.03.21		लीलावती चौक से वन इन्डिया मार्ट तक। सम्राट चौक से डी0पी0एस0 चौराहे तक।
05.03.21	कविनगर जोन	आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक। आर0डी0सी0 से हिन्ट चौक तक।
06.03.21		आर0डी0सी0 नया गाजियाबाद से ए0एल0टी0 फ्लाई ओवर तक। आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक।
07.03.21		हापुड़ चुंगी से पुलिस लाइन तक। आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक।
08.03.21		हापुड़ चुंगी से डायमण्ड फ्लाई ओवर एन0एच0-24 तक आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक।
09.03.21		कविनगर जोनल कार्यालय से श्यामा मुखर्जी पार्क तक। आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक।
10.03.21		आर0डी0सी0 नया गाजियाबाद से ए0एल0टी0 फ्लाई ओवर तक। आर0डी0सी0 से हिन्ट चौक तक।
11.03.21		आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक। आर0डी0सी0 फ्लाई ओवर से ए0एल0टी0 फ्लाई ओवर तक।

05.03.21	मोहननगर जोन	भौपुरा से हिन्डन एयरपोर्ट तक।
		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
06.03.21	श्री ओम प्रकाश	हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		हिन्डन एयरपोर्ट से तिराहे से हिन्डन नदी तक दोनो ओर।
07.03.21		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		हिन्डन नदी से मोहननगर चौराहे तक।
08.03.21		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		मोहननगर चौराहे से अप्सरा बोर्डर तक।
		हिन्डन एयरपोर्ट से तिराहे से हिन्डन नदी तक दोनो ओर।
09.03.21		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		अप्सरा बोर्डर से मोहननगर चौराहे तक।
10.03.21		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		मोहननगर चौराहे हिन्डन नदी तक प्रतिदिन।
11.03.21		हिन्डन एयरपोर्ट से नाग द्वारा करहैड़ा तक दोनो ओर
		हिन्डन एयरपोर्ट से तिराहे से हिन्डन नदी तक दोनो ओर।
05.03.21	सिटी जोन	मेरठ तिराहे से गगन इन्क्लेव पुल तक।
	श्री ओम प्रकाश	चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
	श्री राजेन्द्र प्रसाद	मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
06.03.21		गगन इन्क्लेव से मेरठ तिराहे तक।
		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
		मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
07.03.21		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
		मेरठ तिराहे से पुराने बस अड्डे तक।
		मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
08.03.21		मेरठ रोड से चौधरी मोड़ तक।
		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
		मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
09.03.21		मेरठ रोड तिराहे से पुराने बस अड्डे तक प्रतिदिन।
		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
		मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
10.03.21		मेरठ रोड तिराहे से दुहाई तक एन0एच0-58
		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
11.03.21		दुहाई से मेरठ तिराहे तक एन0एच0-58
		मेरठ तिराहे से पुराने बस अड्डे तक प्रतिदिन।
		चौधरी मोड़ से मेरठ रोड तक प्रतिदिन।
05.03.21	वसुन्धरा जोन	बुद्ध चौक से वैशाली सै0-6 तक
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
06.03.21		साहिबाबाद गाँव से ग्राम झण्डापुर तक।
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
07.03.21		बुद्ध चौक से वसुन्धरा सै0-1 तक।

		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
08.03.21		वसुन्धरा सै0-1 से साहिबाबाद रैड लाईट तक।
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
09.03.21		कनावनी पुलिया से कड़कड़ मॉडल गॉव तक।
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
10.03.21		कड़कड़ मॉडल गॉव से महाराजपुर चैक पोस्ट तक।
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।
11.03.21		कन्ट्रीइन होटल से सूर्य नगर तक।
		यू0पी0 गेट से साहिबाबाद रैड लाईट तक।

आगामी सप्ताहों में उपरोक्तानुसार सड़को पर छिड़काव एवं धुलाई सम्बन्धी कार्य कराया जायेगा।

संलग्नक-यथोक्त।

महाप्रबन्धक(जल)
नगर निगम, गाजियाबाद

पत्रांक व दिनांक तदैव:-

प्रतिलिपि:-

- 2- नगर आयुक्त महोदय द्वारा दिये गये निर्देशों के क्रम में सादर सूचनार्थ प्रेषित।
- अधिशाली अभियन्ता(जल)/सहायक अभियन्ता(जल) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
- 3- समस्त अवर अभियन्ताओं को इस आशय से प्रेषित कि सीवर जैटिंग मशीन/टैंकरो से उक्त मुख्य मार्गों पर छिड़काव/धुलाई कराया जाना सुनिश्चित करें।

महाप्रबन्धक(जल)

Monitoring of Total Road Dust and Dust particles up to 75 micron (aerodynamic particle) on selected main roads of Ghaziabad City



**REGIONAL LABORATORY
U.P. POLLUTION CONTROL BOARD
GHAZIABAD**

Duration of Monitoring:
03-04, October, 2020

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Monitoring of Road Dust (upto 75 Micron) on Selected main Roads of Ghaziabad City

Introduction

Road Dust has been acknowledged as an important source of urban Air Pollution. Re-suspended particles from paved roads can considerably enhance atmospheric particulate matter (PM) levels. Particulate emission from paved roads is a complex mixture of various sizes of dust particles derived from different Sources.

The particles deposited on the road surface originate from direct emission from vehicles tail pipe, particles emitted by tyre and break wear process and particles that settle on the road from both nearby and distance sources. Dust deposits on the roads, re-suspended in the atmosphere by plying of vehicles or wind, increase air pollution. To quantifying deposition of total dust and dust particle up to 75 microns on the roads, Regional Laboratory, U.P. Pollution Control Board Ghaziabad has carried out monitoring of total dust load and dust particles up to 75 micron (Aerodynamic particles size) on 18 road stretches of Ghaziabad City.

Scope of Monitoring

Dust particle less than 75 microns (Aerodynamic particles size) on the road surface has ability to re-suspend in the atmosphere owing to plying of vehicles or wind causing air pollution. The scope of monitoring is as follow-

- To quantify dust load per square meter on selected main roads of Ghaziabad City.
- To quantify dust particle up to 75 microns (Aerodynamic particles size) per square meter on selected main roads of Ghaziabad City.
- To quantify total dust load per kilometer on selected main roads of Ghaziabad City.

Monitoring Locations

Roads selected for dust monitoring are as follows:-

1. Near Vaishali Metro Station infront of Hollywood Dreams Ghaziabad.
2. Near Yashoda Hospital Kaushambi Ghaziabad.
3. Vasundhara Sec-16A/1107 Ghaziabad.
4. Infront of Sanskriti International School Sector-4 Vasundhara Ghaziabad.
5. Opposite ITS Mohan Nagar Ghaziabad.
6. Infront of Ajnara Integrity Peace of Mind Rajnagar Extension Ghaziabad.
7. Infront of ALT Centre Kamla Nehru Nagar Ghaziabad.
8. Infront of Collectorate Opposite side Ghaziabad.
9. Infront of ATLAS Cycles (Haryana) Ltd. Ghaziabad.
10. Infront of Koyal Enclave Loni Bhopura Ghaziabad.
11. Infront of Maruti Suzuki Agency Rajendra Nagar Industrial area Ghaziabad.
12. Infront of Haj House under elevated road Ghaziabad.
13. Infront of Meha Nursing Home Meerut Road Ghaziabad.
14. Infront of Dr. Shyama Mukherjee Park B.S Road Industrial area Ghaziabad.
15. Infront of Sarveshwari Gases South Side of GT Road Industrial area Ghaziabad.
16. Infront of Holy Faith Public School NH-24 Bypass Vijay Nagar Ghaziabad.
17. Opposite side of CISF Indirapuram Ghaziabad.
18. Infront of Kafe Republic Indirapuram Ghaziabad.

Duration of Monitoring

03 to 04 October, 2020

Methodology

More than 200 grams of road dust samples collected within marked area across width (M^2) of the roads through sweeping of the roads, using a Vacuum Cleaner fitted with a Brush on the suction end and Nylon Bag on the delivery end to collect the dust samples. Collected dust put in chain locked sachet. Sachet marked with permanent marker for identification of locations/address of road and area. Samples carried in the laboratory for further analysis. Total weight of the samples recorded. Entire samples dried in the oven at 105°C for 12 Hours. Dried Samples reweighed and moisture contents of sample calculated.

200 grams of total dried sample screened properly using 200-mesh standard size sieve using mechanical shaker. Particles up to 75 micron properly segregated and collected in a pan and weighed. Mass (gram/ m^2 area of the road) of dust calculated.

- Observed values of total dust and dust particle up to 75 micron depicted in **Table-1** specifying the location/ coordinates of roads selected for monitoring.
- Observed values of total dust load per kilometer of road depicted in **Table-2**.
- Ambient Air Quality of Ghaziabad City in terms of temperature, humidity, $\text{PM}_{2.5}$ and PM_{10} depicted in **Table-3**.

Observations

On perusal of the data given in Table 1, 2 and 3, following are the observations:

1. Mass of total dust observed in the range between **14.43** to **579.54 g/m²**. Maximum values observed at opposite side of CISF Indirapuram road and minimum at infront of collectorate opposite side, Ghaziabad. Maximum value of total dust load at opposite side of CISF Indirapuram road is owing to construction work of roads and sewer lines.
2. Mass of dust contents upto 75 micron size observed in the range between **2.22** to **154.37 g/m²**. Maximum value observed at opposite side of CISF Indirapuram Road and Minimum at opposite ITS Mohan Nagar, Ghaziabad.
3. Quantification of mass of total dust load in respect to area of road/ kilometer distance (L X W) reveals that maximum total dust load **12916.32 kg/km** at Infront of Holy Path Public School NH-24 Bypass Vijay Nagar Ghaziabad. Minimum **375.18 kg/km** at infront of collectorate opposite side, Ghaziabad.
4. Ambient Air Quality Data of Ghaziabad city obtained during 03 & 04 October, 2020 reveals that, PM_{2.5} ranged between **93.30** to **95.92 µg/m³** (Standard-60 µg/m³) and PM₁₀ ranged between **227.51** to **232.19 µg/m³** (Standard -100 µg/m³).
5. During above monitoring duration Ambient Temperature was between **29.24** to **29.82⁰C** and Relative Humidity between **53.04** to **55.98%**.
6. During monsoon Season, dust particles are trapped in the bottom layers due to rain showers and high relative humidity.

Conclusion






1. It is important to have measurement of road dust during monsoon season characterized by high relative humidity to find out **base line data** of road dust.
2. Rain being one of the most important removal mechanisms of air pollution (particles and gases).






3. Monitoring of road dust proposed to carry out in post monsoon period in month of October/ November as humidity is low and inversion effect is maximum. Winter season is comparatively most suitable to know actual road dust load.







Recommendations

1. Roads should be regularly cleaned using mechanical sweeping machine and collected dust should be dumped at proper place, so, that it could not deposited again on the roads .
2. Main roads should be washed regularly using treated sewage from STPs which is available in plenty in Ghaziabad City.
3. Whenever, road washing is not possible, dense sprinkling through treated sewage mixed with dust suppressant should be done regularly.
4. Continuous operation of fountains at main road crossings and parks.
5. Anti-smog guns should be installed at main hot spot areas.
6. Ensure pothole free roads in the city.
7. Approved dust suppressants should be used.
8. There should be proper Traffic regulation/Management to avoid congestion of the road. Free flow of traffic should be ensured.

TABLE-1
Monitored Values of Total Road Dust and Dust upto 75 microns (Grams/M²)

Sl.No	Location and Coordinates	Location Photographs	Total dust in (grams/M ²)	Dust upto 75 microns (grams/M ²)
1.	Near Vaishali Metro Station infront of Hollywood Dreams Ghaziabad Lat-28.649915 Long-77.338445		248.31	61.96
2.	Near Yashoda Hospital Kaushambi Ghaziabad Lat-28.6458 Long-77.327928		100.46	14.51
3.	Vasundhara Sec-16A/1107 Ghaziabad Lat-28.654847 Long-77.357907		118.84	21.00
4.	Infront of Sanskriti International School Sector-4 Vasundhara Ghaziabad Lat-28.669105 Long-77.381458		382.26	46.34
5.	Opposite ITS Mohan Nagar Ghaziabad Lat-28.677912 Long-77.389047		28.93	2.22

6.	Infront of Ajnara Integrity Peace of Mind Rajnagar Extension Ghaziabad Lat-28.700897 Long-77.420823	 <p>Latitude: 28.700897 Longitude: 77.420823 Elevation: 248.38 m Accuracy: 1.3 m Time: 10/05/2020 10:23 Note: Near Ajnara Peace of Mind Rajnagar area</p>	325.11	121.25
7.	Infront of ALT Centre Kamla Nehru Nagar Ghaziabad Lat-28.68118 Long-77.45396	 <p>Latitude: 28.68118 Longitude: 77.45396 Elevation: 235.2 m Accuracy: 1.3 m Time: 10/05/2020 10:23 Note: Near ALT Centre Kamla Nehru Nagar Gds</p>	94.96	22.49
8.	Infront of Collectorate Opposite side Ghaziabad Lat-28.67283 Long-77.44731	 <p>Latitude: 28.67283 Longitude: 77.44731 Elevation: 250.3 m Accuracy: 1.4 m Time: 10/05/2020 10:24 Note: Infront of Collectorate Gds</p>	14.43	2.47
9.	Infront of ATLAS Cycles (Haryana) Ltd. Shaurya Urja Marg Sahibabad Ghaziabad Lat-28.666833 Long-77.345973	 <p>Latitude: 28.666833 Longitude: 77.345973 Elevation: 200.7 m Accuracy: 1.4 m Time: 10/05/2020 10:43 Note: Infront of Atlas Cycle Source urja marg 'Tilak Industrial area Gds</p>	231.76	94.63
10.	Infront of Koyal Enclave Loni Bhopura Ghaziabad Lat-28.70897 Long-77.331447	 <p>Latitude: 28.70897 Longitude: 77.331447 Elevation: 253.36 m Accuracy: 1.4 m Time: 10/05/2020 10:28 Note: Near Koyal Enclave Loni Bhopura</p>	470.90	144.32

11.	Infront of Maruti Suzuki Agency Rajendra Nagar Industrial area Ghaziabad Lat-28.678355 Long-77.37575	 <small>Latitude: 28.678355 Longitude: 77.37575 Elevation: 245.36 m Accuracy: 2.5 m Time: 10-04-2020 12:04 Note: Infront of Maruti Suzuki Agency Rajendra Nagar Industrial area Powered by HiktiCam</small>	301.06	79.46
12.	Infront of Haj House under elevated road Ghaziabad Lat-28.675582 Long-77.398053	 <small>Latitude: 28.675582 Longitude: 77.398053 Elevation: 1493.0 m Accuracy: 2.5 m Time: 10-04-2020 13:09 Note: Infront of Haj House under elevated GT Road Powered by HiktiCam</small>	60.68	17.00
13.	Infront of Meha Nursing Home Meerut Road Ghaziabad Lat-28.676413 Long-77.41975	 <small>Latitude: 28.676413 Longitude: 77.41975 Elevation: 227.81 m Accuracy: 2.5 m Time: 10-04-2020 13:40 Note: Infront of Meha Nursing Home Meerut road Ghaziabad Powered by HiktiCam</small>	135.40	32.55
14.	Infront of Dr. Shyama Mukherjee Park B.S Road Industrial area Ghaziabad Lat-28.648688 Long-77.459462	 <small>Latitude: 28.648688 Longitude: 77.459462 Elevation: 219.9 m Accuracy: 2.5 m Time: 10-04-2020 14:10 Note: Infront of Dr. Shyama Mukherjee Park B.S. Road Ghaziabad Powered by HiktiCam</small>	109.29	42.25
15.	Infront of Sarveshwari Gases South Side of GT Road Industrial area Ghaziabad Lat-28.637063 Long-77.45177	 <small>Latitude: 28.637063 Longitude: 77.45177 Elevation: 252.6 m Accuracy: 2.5 m Time: 10-04-2020 14:41 Note: Infront of Sarveshwari gases south side of GT Road industrial area Ghaziabad Powered by HiktiCam</small>	234.31	54.68
16.	Infront of Holy Faith Public School NH-24 Bypass Vijay Nagar Ghaziabad Lat-28.641727 Long-77.418333	 <small>Latitude: 28.641727 Longitude: 77.418333 Elevation: 83.5 m Accuracy: 2.5 m Time: 10-04-2020 15:02 Note: Infront of Holy Faith Public School NH-24 Bypass Vijay Nagar Ghaziabad Powered by HiktiCam</small>	269.09	143.19



17.	Opposite side of CISF Indirapuram Ghaziabad Lat-28.635143 Long-77.378242		579.54	154.37
18.	Infront of Kafe Republic Indirapuram Ghaziabad Lat-28.647202 Long-77.375045		389.56	129.11

Table 2- Dust load per kilometer (in Kg)

Sl. No.	Name of the Road	Average Width of Road in Meters	Total Dust/ KM in KG	Total Dust load upto 75 micron/ KM in KG
1.	Near Vaishali Metro Station infront of Hollywood Dreams Ghaziabad.	28	6952.68	1734.88
2.	Near Yashoda Hospital Kaushambi Ghaziabad.	24	2411.04	348.24
3.	Vasundhara Sec-16A/1107 Ghaziabad.	14	1663.76	294.00
4.	Infront of Sanskriti International School Sector-4 Vasundhara Ghaziabad.	16	6116.16	741.44
5.	Opposite ITS Mohan Nagar Ghaziabad.	24	694.32	53.28
6.	Infront of Ajnara Integrity Peace of Mind Rajnagar Extension Ghaziabad.	26	8452.86	3152.50
7.	Infront of ALT Centre Kamla Nehru Nagar Ghaziabad.	14	1329.44	314.86
8.	Infront of Collectorate Opposite side Ghaziabad	26	375.18	64.22
9.	Infront of ATLAS Cycles (Haryana) Ltd. Shaurya Urja Marg Sahibabad Ghaziabad.	20	4635.20	1892.60
10.	Infront of Koyal Enclave Loni Bhopura Ghaziabad.	22	10359.80	3175.04
11.	Infront of Maruti Suzuki Agency Rajendra Nagar Industrial area Ghaziabad.	20	6021.20	1589.20
12.	Infront of Haj House under elevated road Ghaziabad.	26	1577.68	442.00
13.	Infront of Meha Nursing Home Meerut Road Ghaziabad.	12	1624.80	390.60
14.	Infront of Dr. Shyama Mukherjee Park B.S Road Industrial area Ghaziabad.	18	1967.22	760.50
15.	Infront of Sarveshwari Gases South Side of GT Road Industrial area Ghaziabad.	10	2343.10	546.80
16.	Infront of Holy Path Public School NH-24 Bypass Vijay Nagar Ghaziabad.	48	12916.32	6873.12
17.	Opposite side of CISF Indirapuram Ghaziabad.	20	11590.80	3087.40
18.	Infront of Kafe Republic Indirapuram Ghaziabad.	16	6232.96	2065.76

Table 3- Ambient Air Quality of Ghaziabad City in terms of PM_{2.5} and PM₁₀.

Sl.No.	Date	Temperature O ⁰ C	Relative humidity %	Value of PM ₁₀ µg/M ³	Value of PM _{2.5} µg/M ³
1.	03.10.2020	29.82	55.98	232.19	95.92
2.	04.10.2020	29.24	53.04	227.51	93.30

Source: ** - Manual Monitoring, * - CAAQMS

List of roads cleaned per week

1. Coming from Pratap Vihar flyover to railway crossing to NH-24,
2. from Lilavati Charahe to Samrat's check,
3. from Lilavati Charahe to Shiva temple to Councilor Mr. Sri Santram Yadav Wali Road,
4. from Medical Charahe to D.A. .V To Charahe, coming from Gaushala gate to NH-24,
5. from San Chek to Utsav Bhavan,
6. from NH-24 to Tigri roundabout.
7. 1-Baandh Road Loni,
8. 2-Tiraha to Bantla Fly Road),
9. Over From San Chek to Utsav Bhavan,
10. from NH-24 to Tigri roundabout. Coming from Pratap Vihar flyover to railway crossing to NH-24,
11. From Lilavati Charahe to Samrat's check,
12. from Lilavati Charahe to Shiva temple to Councilor Mr. Sri Santram Yadav Wali Road,
13. Medical Charahe to D.A. .V To Charahe, coming from Gaushala gate to NH-24

Mechanical Sweeping

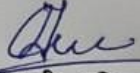
Names of Roads covered
<ul style="list-style-type: none"> ▪ दौलतपुरा फ्लाई ओवर से हिण्डन नदी के पुल तक आना जाना, ▪ लोहिया नगर रेलवे क्रोसिंग से ठाकुर द्वारा मंदिर तक आना जाना, चौधरी मोड़ से मेरठ रोड तक आना जाना, ▪ मेरठ तिराहे से राजनगर एक्स. चौराहे तक आना, ए.एल.टी. पुल से श्यामा मुखर्जी पार्क तक दोनों साईड, ▪ राजनगर एक्स. चौक से डायमण्ड पुल तक दोनों साईड, ▪ संजय नगर की दोनों साईड, आर.डी.सी. पुल से हापुड़ चुंगी तक दोनों साईड
<ul style="list-style-type: none"> ▪ शहीदनगर बार्डर से राजेन्द्र नगर मेट्रो स्टेशन तक, ▪ तुलसी निकेतन पुलिस चौकी से गरिमांजली स्कूल तक, ▪ लोनी रोड कोयल एंक्लेव तक, ▪ करन गेट चौक से राजेन्द्र नगर मेट्रो स्टेशन, जिन्दल रोड, ▪ 150 फुटा, ई.एस.आई. रोड
<ul style="list-style-type: none"> ▪ वसुंधरा अमेडी स्कूल से अग्रसेन चौक टी प्वाइन्ट तथा 4ए चौक से गुर्जर चौक दोनों साईड, ▪ आयकर भवन से वैशाली सै0-02 पुलिया मैस हॉस्पिटल रोडल दोनों साईड तथा रामप्रस्थत रोड दोनों साईड, ▪ प्रताप विहार फ्लाई ओवर से रेलवे क्रोसिंग से एन.एच.-24 तक आना जाना, लीलावती चौराहे से सम्राट चौक तक आना जाना, ▪ लीलावती चौराहे से शिव मंदिर तक पार्श्व जी श्री संतराम यादव वाली रोड तक आना जाना, ▪ मेडिकल चौराहे से डी.ए.वी. चौराहे तक, गौशाला फाटक से एन.एच.-24 तक आना, ▪ सैन चौक से उत्सव भवन तक, एन.एच-24 से लेकर तिगड़ी गोल चक्कर तक।

नगर निगम, गाजियाबाद

जलकल विभाग

नगर निगम सीमान्तर्गत अधिष्ठापित फव्वारों की सूची

क्र० सं०	जोन का नाम	स्थल	स्थिति	टिप्पणी
1	सिटी जोन-प्रथम	होली चार्डिल्ड स्कूल चौराहा।	क्रियाशील	
2		घंटाघर चौक पर।	क्रियाशील	
3		रमते राम रोड पर, सब्जी मण्डी के किनारे।	क्रियाशील	
4		कम्पनी बाग फव्वारा।	अनुरक्षण कार्य हो रहा है।	कार्य प्रगति पर
5	सिटी जोन-द्वितीय	आर्यनगर चौक पर।	क्रियाशील	
6	कविनगर जोन	हापुड़ चुंगी पर।	क्रियाशील	
7		डा० श्यामा प्रसाद मुखर्जी पार्क में नं०-1	क्रियाशील	
8		डा० श्यामा प्रसाद मुखर्जी पार्क में नं०-2	क्रियाशील	
9	मोहननगर जोन	राधेश्याम पार्क, सै०-5	क्रियाशील	
10		शान्ति चौक पर।	क्रियाशील	
11		150 फुटा रोड, शालीमार गार्डन, मोहननगर।	क्रियाशील	


अधिशायी अभियन्ता(जल)
नगर निगम, गाजियाबाद

गाजियाबाद नगर निगम सीमान्तर्गत स्थित मुख्य सैण्ट्रलवर्ज/रोडवर्म मे लगे पेड़-पौधों की सूची
I

क्र०सं०	जोन	स्थल का नाम	क्षेत्रफल	पौधों की संख्या
1	वसुन्धरा	वसुन्धरा सै०-2बी० से लेकर सै०-19 तक मैन सैण्ट्रल वर्ज	35072	38579
2	वसुन्धरा	वसुन्धरा सै०-16 आवास विकास गेस्ट हाउस सै०-15 व सै-13 नहर के किनारे तक	3666	4033
3	वसुन्धरा	वसुन्धरा सै०-10 जोनल ऑफिस के सामने से सै०-16 सी०ओ० ऑफिस तक	9408	10349
4	वसुन्धरा	वसुन्धरा सै०-18 सैण्ट्रल वर्ज	1089	1198
5	वसुन्धरा	वैशाली सै०-09 सी०एन०जी० पेट्रोल पम्प से वैशाली सै०-6 नहर के किनारे तक	2775	3053
6	वसुन्धरा	वसुन्धरा सै०-2 ऐ० से वसुन्धरा सै-06 मेवाड़ वाला रोड़	4560	5016
7	वसुन्धरा	सहिबाबाद लाईट से लेकर कनावनी वाली पुलिया तक	3960	4356
8	वसुन्धरा	वसुन्धरा सै०-3 रेल विहार से लेकर सै०-05 नहर के किनारे तक	1908	2099
9	वसुन्धरा	वसुन्धरा सै०-4ऐ० से सै०-6 अमेठी स्कूल के बराबर से कल्याणी अपार्टमेण्ट तक	7065	7772
10	वसुन्धरा	वैशाल सै०-6 पुलिस चौकी से मंगलम स्कूल तक	564	620
11	वसुन्धरा	वैशाली सै०-06 रामप्रस्थ रोड़ से इन्दिरापुरम पुल तक	2583	2841
12	वसुन्धरा	वैशाली सै०-4 लाईट से अम्बेडकर पार्क के पास से इन्दिरापुरम मकनपुर पुल तक	3066	3373
13	वसुन्धरा	वैशाली सै०-4 कालोनी के बीच में	2175	2393
14	वसुन्धरा	वैशाली सै-05 व सै०-4 के बीच में	1842	2026

15	वसुन्धरा	वैशाली सै0-3 आयकर भवन से सै0-2 सी0	2637.5	2901
16	वसुन्धरा	वैशाली सै0-1 से मैक्स अस्पताल तक	1602	1762
17	वसुन्धरा	वैशाली सै0-1 गुरुद्वारा वाले रोड़ से वैशाली सै0-1 पुलिया तक	2307	2538
18	वसुन्धरा	कौशाम्बी षुक्रवार बाजार से भौवापुर गाँव वाला रोड़	528	581
19	वसुन्धरा	डाबर लिंक रोड़ तिराहे से आनन्द विहार वाला रोड़	2366	2603
20	वसुन्धरा	ब्रिज विहार पुलिया से रेलवे फाटक तक	500	550
21	वसुन्धरा	चन्द्र नगर बी0 एल0 कालोनी के चारो तरफ	6582	7240
22	वसुन्धरा	सहिबाबाद साईट-4 सौर उर्जा मार्ग व झण्डापुर महाराजपुर वाला रोड़	13590	14949
23	विजय नगर	कार्बन फैक्टरी के बराबर में ग्रीन बैल्ट	8000	560
24	विजय नगर	राठी मील के पावर हाऊस के पीछे ग्रीन बैल्ट	3000	86
25	विजय नगर	सन्तोष मेडिकल से बिजली घर जे0 ब्लॉक प्रताप विहार ग्रीन बैल्ट	12000	13200
26	विजय नगर	धारा के स्कूल से बाईपास तक डिवाईडर	2250	2475
27	विजय नगर	राहुल विहार चौराहे से तिकड़ी गोल चक्कर तक डिवाईडर	4000	4400
28	मोहन नगर	मोहन नगर हिण्डन एयरफोर्स गोल चक्कर से लाजपतनगर तिराहे जिन्दल रोड़ तक	49424	54366
29	मोहन नगर	लाजपतनगर तिराहे जिन्दल रोड़ से गरिमा गार्डन तक	34383	37821
30	मोहन नगर	वजीराबाद रोड़, गरिमा गार्डन से ठेका हर्ष विहार तक	13685	15054
31	कविनगर	नया गाजियाबाद फाटक से हापुड़ चुंगी तक	9080	9988
32	कविनगर	रजापुर पुल से पाण्डव नगर एन.एच.-24 तक	8480	9328
33	कविनगर	स्वदेशी तिराहे से विवेकानन्द नगर तिराहे तक	2320	2552

34	कविनगर	विवेकानन्द नगर तिराहे से आर० डी० सी० पुल के नीचे तक	3848	4233
35	कविनगर	मुखर्जी पार्क गोल चक्कर से पीर कट तक	5114	5625
36	कविनगर	डायमण्ड तिराहे से एस.के. 7 तक ग्रीन बैल्ट व सैण्ट्रल वर्ज।	5078	5586
37	कविनगर	संजयनगर सै०-23 मेरठ रोड़ पुल के नीचे से सै०-9 पुलिस चौकी तक	3072	3379
38	कविनगर	संजय नगर फ्री होल्ड से भारतीय डाक घर तक दोनों ओर	2100	2310
39	कविनगर	संजयनगर भीतीय चिकित्सा प्रयागशाला से रहीषपुर तक दोनों ओर	6000	6600
40	कविनगर	संजयनगर भारतीय डाकघरा से सी०एम०ओ० ऑफिस सै०-9 तक	1620	1782
41	कविनगर	जहार पीर बाबा मन्दिर से आई पी.सी. कम्पनी के गेट तक	2632	2895
42	कविनगर	सै०-23 पलाई ऑवर के नीचे ग्रीन बैल्ट	1282	500
43	कविनगर	सै०-23 संजय नगर जी० ब्लॉक वार्ड-71 टंकी से लेकर पी० ब्लॉक चौराहे तक ग्रीन बैल्ट का क्षेत्रफल	3540	3894
44	कविनगर	गोविन्दपुरम अनाज मण्डी के सामने स्थित ग्रीन बैल्ट	854	939
45	कविनगर	गोविन्दपुरम डी० ब्लॉक बाबा मार्केट के सामने वाली बैल्ट	348	383
46	कविनगर	गोविन्दपुरम एच० ब्लॉक व जी० ब्लॉक के बीच स्थित ग्रीन बैल्ट	750	825
			कुल	309612



2.1 विकास अनुज्ञा हेतु अनिवार्यताएं

2.1.1 अनुज्ञा हेतु आवेदन

- (I) विकास अनुज्ञा के लिये निर्धारित प्रपत्र (परिशिष्ट-1) पर आवेदन पत्र की दो प्रतियाँ, मानचित्रों के चार सेट/कम्प्यूटरीकृत ड्राइंग (.dwg या समकक्ष फॉर्मेट में) सी.डी. में नियत शुल्क अदा करने की रसीद सहित जमा किए जाएंगे।
- (II) जमा किये जाने वाले मानचित्रों में, 'की प्लान', 'महायोजना में स्थिति का मानचित्र', 'साइट प्लान', 'तलपट मानचित्र' और 'सर्विसेज प्लान' भी शामिल होंगे।
- (III) मानचित्र पर अनुज्ञा प्रदत्त हो जाने पर एक सेट प्राधिकरण में अभिलेख हेतु रखा जाएगा।
- (IV) समस्त मानचित्र अनुज्ञापित व्यक्ति द्वारा तैयार किए जाएंगे और उनके द्वारा नाम, पता, योग्यता और प्राधिकरण की अनुज्ञप्ति संख्या दर्शाते हुए हस्ताक्षर किए जाएंगे। इसके अतिरिक्त भू/भवन स्वामी के हस्ताक्षर भी होंगे।

2.1.2 सूचनाएं एवं दस्तावेज

2.1.2.1 प्राधिकरण योजना में

आवेदन पत्र, यथास्थिति निम्नलिखित सूचनाओं और दस्तावेजों के साथ जमा किया जाएगा:-

- (I) कब्जा पत्र तथा लीज/लाइसेन्स डीड के साथ जारी साइट प्लान की प्रतिलिपि।
- (II) भू-खण्ड के स्वामित्व समर्थक दस्तावेज की प्रति।

2.1.2.2 अन्य क्षेत्रों/योजनाओं में

आवेदन पत्र यथास्थिति निम्नलिखित सूचनाओं और दस्तावेजों के साथ जमा किया जाएगा:-

- (I) आवेदक के स्वामित्व समर्थक दस्तावेज की प्रति या रजिस्ट्रीकृत विलेख।
- (II) साइट प्लान (जिसमें भू-खण्ड संख्या और क्षेत्रफल/भवन की संख्या, गाँव, मोहल्ला का नाम, आदि का उल्लेख होगा)।
- (III) नजूल अथवा इम्प्रूवमेन्ट ट्रस्ट की भूमि होने की दशा में सम्बन्धित विभाग से फ्री-होल्ड डीड अथवा अनापत्ति प्रमाण-पत्र।

2.1.2.3 'की-प्लान'

भूखण्डों के उप-विभाजन अथवा कालोनी के विकास या पुर्नविकास की अनुज्ञा हेतु आवेदन-पत्र के साथ 'की-प्लान' जिसमें उत्तर दिशा-सूचक और पैमाना (जो 1:10,000 से कम न हो) तथा उप-विभाजन हेतु प्रस्तावित भूमि की स्थिति को दर्शाया गया हो।

2.1.2.4 साइट प्लान

- (I) आवेदक के स्वामित्व की भूमि के सजरा संख्या या अन्य स्थानीय प्राविधानों सहित सीमावर्ती भूमि के विवरण दिए जाएंगे।
- (II) सीमावर्ती भूमि आवेदक के स्वामित्व में होने पर तथा पूर्व में उप-विभाजन स्वीकृत होने पर उसमें उपलब्ध सुविधाओं और प्रस्तावित स्थल हेतु विद्यमान पहुँच मार्गों का भी उल्लेख होगा।
- (क) प्रस्तावित उप-विभाजन में स्थल से मुख्य सड़क या मार्ग तक पहुँचने के स्थान की वर्तमान दूरी, सड़क का नाम एवं चौड़ाई के उल्लेख सहित दर्शाए जाएंगे।
- (ख) समस्त विद्यमान संरचनाओं और 'फीचर्स' की स्थिति जैसे हार्डटेंशन लाइन, टेलीफोन/बिजली के खम्भे, अण्डर ग्राउण्ड पाइप लाइनें, पेड़, भवन, रेलवे लाइन, आदि जो स्थल की सीमा से 30 मीटर के भीतर हों, दर्शाई जाएंगी।

2.1.2.5 उप-
विभाजन
तलपट
मानचित्र

(ग) भूखण्ड की समस्त मुख्य भौतिक विशेषताएं जिनके अन्तर्गत किसी जलाशय की स्थिति और लगभग आकार, बाढ़ग्रस्त क्षेत्र और स्थल का ढाल (1:20 से अधिक होने पर 0.3 मीटर के अन्तराल पर समोच्च रेखाएं (कन्टूर) सहित) दर्शाई जाएंगी।

(घ) महायोजना/जोनल प्लान में स्थल की स्थिति।

(ङ.) प्रयुक्त पैमाना और उत्तर दिशा—सूचक।

उप-विभाजन तलपट मानचित्र 10 हेक्टेयर तक के भूखण्डों हेतु 1:500, 10 हेक्टेयर से 50 हेक्टेयर तक के भूखण्डों हेतु 1:1000 तथा 50 हेक्टेयर से अधिक के भूखण्डों हेतु 1:2000 के पैमाने पर होगा तथा उसमें निम्नलिखित विवरण दर्शाये जाएंगे:—

- (I) पैमाना तथा उत्तर दिशा—सूचक।
- (II) स्थल के अन्दर समस्त प्रस्तावित एवं विद्यमान सड़कों की चौड़ाई।
- (III) भूखण्डों के माप सहित सैट-बैक लाइन्स तथा भूखण्डीय विकास की पद्धति यथा 'रो-हाउसिंग', 'सेमी-डिटेच्ड' अथवा डिटेच्ड।
- (IV) सर्विसेज़ प्लान जिसमें नालियाँ, वाटर-सप्लाई नेटवर्क, सीवर, इलैक्ट्रिक लाइन्स, सामुदायिक सुविधाएं एवं सेवाएं, आदि एवं इनकी वाह्य विद्यमान/प्रस्तावित सुविधाओं के साथ संयोजन की व्यवस्था दर्शायी गयी हो।
- (V) तालिका जिसमें उप-विभाजन तलपट मानचित्र के अन्तर्गत समस्त भूखण्डों के आकार, क्षेत्रफल और उपयोग का विवरण दिया गया हो।
- (VI) तालिका जिसमें स्थल का सम्पूर्ण क्षेत्र, सड़कें, खुले स्थान, विभिन्न उपयोगों के भूखण्ड यथा आवासीय, व्यवसायिक, सामुदायिक सुविधाएं तथा अन्य सार्वजनिक उपयोग (जो उप-विभाजन में प्रस्तावित हों), के सम्पूर्ण क्षेत्रफल के प्रतिशत का विवरण।
- (VII) निर्मित क्षेत्र में स्थित भूखण्डों हेतु प्रस्तावित उप-विभाजन की दशा में उपर्युक्त (I) से (VI) तक वर्णित विवरण के अतिरिक्त विद्यमान सड़क से पहुँच मार्ग की सुविधा भी दर्शाई जाएगी।
- (VIII) लैण्डस्केप प्लान (वृक्षारोपण सहित)।
- (IX) ग्राउन्ड वाटर के संरक्षण एवं रिचार्जिंग हेतु सक्षम प्राधिकारी द्वारा निम्न प्राविधान सुनिश्चित कराए जाएंगे:—
 - (क) नयी योजना बनाने से पूर्व क्षेत्र का जियोलॉजीकल/हाइड्रोलॉजीकल / हाइड्रोजियोलॉजीकल सर्वेक्षण कराया जाए एवं भू-जल की रिचार्जिंग हेतु स्थानीय आवश्यकतानुसार उपयुक्त पद्धति को अपनाया जाए।

(ख) 10 एकड़ से अधिक क्षेत्रफल की योजनाओं के ले-आउट प्लान्स में पार्क एवं खुले क्षेत्र हेतु प्रस्तावित भूमि के अंतर्गत उपयुक्त स्थलों पर जलाशय/जलाशयों का निर्माण किया जाएगा जिनका क्षेत्रफल कुल योजना क्षेत्रफल का न्यूनतम 01 प्रतिशत होगा। जलाशय के निर्माण के पूर्व संबंधित योजना के अंतर्गत वर्षा जल के प्राकृतिक कैचमेन्ट एरिया को चिन्हित करते हुए वर्षा जल के आयतन, क्षेत्र के हाइड्रोजियोलॉजिकल, टोपोग्राफी, लीथालॉजी, मृदा गुणों तथा प्रस्तावित जलाशय में वर्षा जल के संभावित ठहराव (रिटेन्शन) व "स्टेगनेशन" का अध्ययन एवं तत्संबंधी फिजिबिलिटी का आकलन किया जाए और उसके अनुसार ही जलाशय का आकार एवं गहराई निर्धारित की जाए, परन्तु जलाशय की अधिकतम गहराई 02 मीटर रखी जाए। इसके अतिरिक्त जलाशय में केवल उसी योजना के "सरफेस-रन-आफ" को निस्तारित करने की व्यवस्था की जाए, प्रदूषित जल एवं उत्प्रवाह को उसमें न मिलाया जाए। पार्क व खुले क्षेत्र के अन्तर्गत निर्धारित मानकों के अनुसार एक कोने में रिचार्ज पिट/रिचार्जशैफ्ट बनाए जाएं। ऐसे रिचार्ज पिट/रिचार्ज शैफ्ट तथा जलाशय का निर्माण क्षेत्रीय हाइड्रोजियोलॉजी के अनुरूप एवं भू-जल के ढलान की दिशा में भूगर्भ जल विभाग के परामर्श के अनुसार किया जाए।

(ग) पार्कों में पक्का निर्माण, पक्के पेवमेन्ट सहित 5 प्रतिशत से अधिक न किया जाए तथा फुटपाथ एवं ट्रेक्स यथासम्भव 'परमीएबिल' या 'सेमी परमीएबिल परफोरेटेड ब्लॉक्स' के प्रयोग से ही बनाए जाएं। वर्षा जल के अधिकतम भूमिगत रिसाव को पार्क एवं खुले क्षेत्रों में प्रोत्साहित किया जाए।

(घ) सड़कों, पार्कों तथा खुले स्थान में ऐसे पेड़ पौधों का वृक्षारोपण किया जाएगा जिनको जल की न्यूनतम आवश्यकता हो तथा जो कम जल ग्रहण करके ग्रीष्म ऋतु में भी हरे भरे रह सकें।

(ङ) शासकीय अभिकरणों/निजी विकासकर्ताओं/सहकारी आवास समितियों द्वारा प्रस्तावित नई योजनाओं के ले-आउट प्लान्स में दुर्बल एवं अल्प आय वर्ग को छोड़कर अवस्थापना सुविधाओं यथा जलापूर्ति, ड्रेनेज एवं सीवरेज के नेटवर्क के साथ-साथ रूफ टॉप रेन वाटर हार्वेस्टिंग के माध्यम से भू-जल की सामूहिक रिचार्जिंग हेतु अन्य पृथक् नेटवर्क का प्राविधान किया जाए, जिससे व्यक्तिगत भूखण्डों/ भवनों हेतु रिचार्जिंग पिट से लेकर उपयुक्त स्थलों पर रिचार्जिंग स्ट्रक्चर्स की व्यवस्था हो।

(च) शासकीय अभिकरणों/निजी विकासकर्ताओं/सहकारी समितियों द्वारा विकसित योजनाओं में 100 वर्ग मीटर अथवा उससे अधिक क्षेत्रफल के सभी प्रकार के भूखण्डों में रेन वाटर हार्वेस्टिंग पद्धति की स्थापना किया जाना अनिवार्य होगा। किन्तु 300 वर्ग मीटर से कम क्षेत्रफल के भूखण्डों पर निर्मित होने वाले भवन के सम्बन्ध में मात्र यह बाध्यता होगी कि भवनों की छत से वर्षा जल का सामूहिक रिचार्ज योजना के नेटवर्क में ही प्रवाहित किया जाए, जबकि 300 वर्ग मीटर अथवा उससे अधिक क्षेत्रफल के भूखण्डों में यदि सामूहिक रिचार्ज नेटवर्क नहीं हो, तो भवन स्वामी को स्वयं ही इस पद्धति की स्थापना करना अनिवार्य होगा।

2.1.2.6	विशिष्टियाँ	<p>भूखण्ड के उप-विभाजन की अनुज्ञा हेतु निम्नलिखित विशिष्टियाँ व विवरण प्रस्तुत किये जाएंगे :-</p> <p>(i) प्रस्तावित समस्त विकास कार्यों यथा सड़कों और गलियों की सामान्य विशिष्टियाँ, उनके ढाल और पेविंग, नालियाँ (साइड ड्रेन), पेयजल आपूर्ति का प्राविधान, मल व कूड़ा निस्तारण का प्रबन्ध, मार्ग-प्रकाश, खेल के मैदान, पार्क और सामुदायिक उपयोग विकास के विवरण।</p> <p>(ii) स्थल के समीप उपलब्ध वाह्य अवस्थापना सुविधाएं यथा सीवेज निस्तारण स्थल, जल-निकासी व्यवस्था (नाला आदि), मुख्य सड़क, विद्युत-आपूर्ति व्यवस्था, जलापूर्ति हेतु स्रोत, इत्यादि।</p> <p>(iii) औद्योगिक इकाईयों की स्थिति में उत्सर्गों के प्रकार एवं मात्रा।</p> <p>(iv) विकास प्राधिकरणों, आवास एवं विकास परिषद एवं निजी विकासकर्ताओं द्वारा विकसित की जाने वाली कालोनियों में टेलीकाम इन्फ्रास्ट्रक्चर हेतु भूमिगत टेलीकाम डक्ट अनिवार्य रूप से बनाया जायेगा।</p>
2.1.3	विकास अनुज्ञा शुल्क का आधार एवं गणना	<p>प्राधिकरण द्वारा विकास अनुज्ञा हेतु जमा कराये जाने वाले शुल्क (विकास शुल्क एवं अन्य निर्धारित शुल्क की गणना से सम्बन्धित विवरण आवेदक को अनिवार्य रूप से उपलब्ध कराया जाएगा जिसमें शुल्क लिए जाने का आधार (अर्थात् सम्बन्धित शासनादेश/प्राधिकरण आदेश का संदर्भ) स्पष्ट रूप से दिया गया हो।</p>
2.1.4	विकास अनुज्ञा हेतु अनुबन्ध	<p>विकास अनुज्ञा जारी करने से पूर्व प्राधिकरण द्वारा निर्धारित शर्तों के अनुसार आवेदक के साथ विकास अनुबन्ध निष्पादित किया जाएगा।</p>
2.1.5	विकास अनुज्ञा-पत्र की वैधता	<p>(i) एक बार दी गई अनुज्ञा अधिकतम पाँच वर्ष के लिए वैध होगी। उक्त अवधि में आवेदक द्वारा पूर्णता सम्बन्धी प्रमाण-पत्र प्राधिकरण से निर्धारित प्रक्रियानुसार प्राप्त किया जाएगा।</p> <p>(ii) प्रार्थी के आवेदन पर उक्त अवधि के पश्चात प्राधिकरण द्वारा निर्धारित नवीनीकरण/मानचित्र शुल्क लेकर अधिकतम तीन वर्षों हेतु समयावृद्धि दी जा सकती है।</p>
2.1.6	विकास के प्रारम्भ की सूचना	<p>अनुज्ञा के अधीन विकास प्रारम्भ करने पर आवेदक द्वारा उसकी सूचना विहित प्रपत्र (परिशिष्ट-2) में दी जाएगी।</p>
2.1.7	विकास के समय विचलन	<p>विकास के दौरान यदि स्वीकृत प्लान में कोई विचलन है या विचलन किया जाना अभिप्रेत है, तो प्रस्तावित विचलन निष्पादित करने के पूर्व प्राधिकरण से अनुज्ञा प्राप्त की जाएगी।</p>
2.1.8	पूर्णता प्रमाण-पत्र	<p>विकास कार्य पूर्ण हो जाने के पश्चात् अनुज्ञापित तकनीकी व्यक्ति निर्धारित प्रारूप (परिशिष्ट-3) में सूचना देगा और उसके साथ मानचित्र की प्रति/कम्प्यूटरीकृत ड्राइंग (.dwg या समकक्ष फॉर्मेट में) सी.डी. में जमा करेगा, जिसके आधार पर प्राधिकरण द्वारा पूर्णता प्रमाण-पत्र जारी किया जाएगा। पूर्णता प्रमाण-पत्र की सम्पूर्ण प्रक्रिया अनुलग्नक-2 के अनुसार होगी।</p>

2.2 खुले स्थान

2.2.1 (क) जोनल डेवलपमेंट प्लान पर्यावरण एवं पारिस्थितिकीय संतुलन के उद्देश्य से जोनल डेवलपमेंट प्लान के अन्तर्गत जोन के कुल क्षेत्रफल की न्यूनतम 5 प्रतिशत भूमि पार्क एवं खुले स्थल/हरित क्षेत्र के रूप में आरक्षित की जायेगी।

(ख) ले-आउट प्लान

(i) आवासीय भू-उपयोग

आवासीय ले-आउट प्लान, जो जोनल डेवलपमेंट प्लान का भाग हो, के अन्तर्गत खुले स्थानों हेतु ले-आउट के कुल क्षेत्रफल की न्यूनतम 10 प्रतिशत भूमि आरक्षित की जायेगी, जिसे 'टाट-लाट', पार्क तथा खेल के मैदान के रूप में विकसित किया जाएगा। जोनल डेवलपमेंट प्लान प्रभावी न होने की दशा में पार्क एवं खुले स्थानों हेतु ले आउट प्लान के कुल क्षेत्रफल की न्यूनतम 15 प्रतिशत भूमि आरक्षित की जायेगी। यदि किसी योजना के ले आउट प्लान में मानक के अनुसार पार्क एवं खुले स्थल हेतु भूमि आरक्षित की गई हो, तो उस योजना में 'गुप हाउसिंग' भूखण्ड के सापेक्ष पुनः पृथक से पार्क एवं खुले स्थल का प्राविधान किया जाना आवश्यक नहीं होगा।

(ii) अनावासीय भू-उपयोग

अनावासीय क्षेत्र के ले-आउट प्लान, जो जोनल डेवलपमेंट प्लान का भाग हो, के अन्तर्गत पार्क एवं हरित पट्टिकाएं और पारिस्थितिकी का संतुलन बनाए रखने के लिये खुले स्थान का क्षेत्रफल ले-आउट के कुल क्षेत्रफल का 5 प्रतिशत होगा, जिसे पार्क, ग्रीनरी/ग्रीन बेल्ट, इत्यादि के रूप में विकसित किया जायेगा। जोनल डेवलपमेंट प्लान प्रभावी न होने की दशा में खुले स्थानों हेतु ले-आउट के कुल क्षेत्रफल की न्यूनतम 10 प्रतिशत भूमि आरक्षित की जायेगी।

टिप्पणी: उपर्युक्त प्रस्तर-2.2.1 के (i) तथा (ii) के अन्तर्गत अपेक्षित खुले स्थान महायोजना में प्रस्तावित खुले स्थान के अतिरिक्त होंगे अर्थात् महायोजना में प्रस्तावित खुले स्थान को सम्मिलित करते हुए तलपट मानचित्र प्रस्तुत किए जाने की स्थिति में भी उपर्युक्त प्रस्तर-2.2.1 के (i) एवं (ii) की अपेक्षानुसार खुले स्थान का अलग से प्राविधान किया जाना अनिवार्य होगा। रेन वाटर हार्वेस्टिंग हेतु अपेक्षित भूमि की गणना इसी प्रतिशत में सम्मिलित की जा सकती है। परन्तु 3000 वर्ग मीटर क्षेत्रफल से कम भूखण्डों का उप-विभाजन प्रस्तावित होने की दशा में खुले स्थान का प्राविधान अनिवार्य नहीं होगा।

2.2.2 खुले स्थान के मानक

(i) खुले स्थान की न्यूनतम औसत चौड़ाई 7.5 मीटर होगी तथा खुले स्थान का न्यूनतम क्षेत्रफल 200 वर्ग मीटर होगा। स्थल की भौतिक आकृति के दृष्टिगत प्राधिकरण द्वारा भिन्न आकार में खुले स्थान इस प्रतिबन्ध के साथ अनुमन्य किए जा सकेंगे कि उनसे समुदाय की आवश्यकताओं की पूर्ति सुनिश्चित हो।

(ii) खुले स्थान की सीमा यथास्थिति भूखण्ड की सीमा/बिल्डिंग लाइन तक मान्य होगी। परन्तु भूखण्ड की सीमा से 3.0 मीटर तक के स्थान को इस प्रतिबन्ध के अधीन पाथ-वे के रूप में रखा जायेगा, कि ऐसे पाथ-वे का क्षेत्रफल प्रश्नगत खुले स्थान के कुल क्षेत्रफल से 5 प्रतिशत से अधिक नहीं होगा। ऐसे पाथ-वेज अनिवार्यतः परफॉरेटेड ब्लॉक्स/सामग्री से निर्मित किए जायेंगे।

2.2.3 लैण्डस्केप प्लान

सक्षम प्राधिकारी द्वारा मानचित्र स्वीकृति के पूर्व लैण्डस्केप प्लान/वृक्षारोपण के निम्न प्राविधानों को सुनिश्चित किया जाएगा तथा पूर्णता-पत्र जारी करने से पूर्व स्थल पर वृक्षारोपण की पुष्टि भी की जाएगी :-

(i) 9 मीटर तथा इससे अधिक परन्तु 12 मीटर से कम चौड़ी सड़कों के एक ओर तथा 12 मीटर चौड़ी सड़कों के दोनों ओर अधिकतम 10-10 मीटर की दूरी पर वृक्षारोपण किया जाएगा। अधिक चौड़ाई की सड़कों में डिवाइडर, फुटपाथ एवं ब्लैक टॉप के अलावा खाली छोड़ी जा रही समस्त भूमि पर वृक्षारोपण किया जाएगा।

(ii) औद्योगिक विकास मानचित्र के साथ लैण्डस्केपिंग प्लान का अनुमोदन भी आवश्यक होगा जिसमें कुल खुले स्थल के भाग में प्रति हेक्टेयर 125 पेड़ की दर से पेड़ लगाए जाएंगे।

- (III) बड़े प्रदूषणकारी उद्योग को आवासीय क्षेत्र से सघन वृक्षारोपण द्वारा पृथक किया जायेगा जो औद्योगिक क्षेत्रफल का 15 प्रतिशत होगा।
- (IV) वाणिज्यिक योजना में कुल खुले स्थल के न्यूनतम 20 प्रतिशत भाग पर 'ग्रीनरी' होगी जहाँ प्रति हेक्टेयर न्यूनतम 50 पेड़ की दर से पेड़ लगाये जायेंगे।
- (V) संस्थागत, सामुदायिक सुविधाएं, क्रीड़ास्थल/खुले क्षेत्रों तथा पार्क के न्यूनतम 20 प्रतिशत भाग पर 'ग्रीनरी' होगी जहाँ न्यूनतम 125 पेड़ प्रति हेक्टेयर की दर से वृक्षारोपण किया जाएगा।
- (VI) आर्थिक दृष्टि से कमजोर वर्ग, मलिन बस्ती सुधार योजना में प्रति 50 परिवार पर न्यूनतम 100 वर्ग मीटर क्षेत्रफल के स्थल पर समूह के रूप में पेड़ लगाए जाएंगे।

3.3 समूह आवास (ग्रुप हाऊसिंग)

- 3.3.1 सामान्य अपेक्षाएं समूह आवास/ग्रुप हाऊसिंग का विकास महायोजना, परिक्षेत्रीय विकास योजना तथा ले-आउट प्लान से उपबन्धित रहते हुए किया जाएगा। चार हेक्टेयर एवं अधिक क्षेत्रफल की ग्रुप हाऊसिंग योजनाओं में ले-आउट स्वीकृत कराना अनिवार्य होगा तथा ले-आउट प्लान एवं भवन मानचित्र एक साथ स्वीकृति हेतु प्रस्तुत किए जा सकेंगे।
- 3.3.2 भूखण्ड का क्षेत्रफल भूखण्ड का न्यूनतम क्षेत्रफल 2000 वर्ग मीटर होगा।
- 3.3.3 पहुँच मार्ग ग्रुप हाऊसिंग हेतु प्रस्तावित भूखण्ड न्यूनतम 12 मीटर चौड़ी विद्यमान सड़क पर स्थित होगा। ग्रुप हाऊसिंग ले-आउट प्लान के अन्तर्गत वाहन योग्य मार्गों/सड़कों की चौड़ाई एवं लम्बाई इस उपविधि के प्रस्तर-2.3.1 (I) के अनुसार होगी।
- 3.3.4 स्टिल्ट फ्लोर (I) ग्रुप हाऊसिंग भवनों में पार्किंग के प्रयोजनार्थ स्टिल्ट फ्लोर अनुमन्य होगा।
(II) यदि स्टिल्ट फ्लोर का उपयोग पार्किंग से भिन्न उपयोग में लाया जाता है, तो उसकी गणना एफ.ए.आर. में की जायेगी।
- 3.3.5 पार्क एवं खुले क्षेत्र तथा लैण्डस्केपिंग 3000 वर्ग मीटर अथवा इससे अधिक क्षेत्रफल के भूखण्डों में जो जोनल डेवलपमेंट प्लान का भाग हो, के अन्तर्गत योजना के कुल क्षेत्रफल के 10 प्रतिशत की दर से पार्क एवं खुले क्षेत्र का प्राविधान किया जाएगा। जोनल डेवलपमेंट प्लान प्रभावी न होने की दशा में योजना के कुल क्षेत्रफल के 15 प्रतिशत की दर से पार्क एवं खुले क्षेत्र का प्राविधान किया जाएगा। भवन मानचित्र के साथ लैण्डस्केपिंग प्रस्ताव का अनुमोदन भी आवश्यक होगा; जिसके अनुसार ग्रुप हाऊसिंग योजना में प्रति हेक्टेयर 50 पेड़ की दर से पेड़ लगाए जाएंगे।
- 3.3.6 भू-आच्छादन, एफ.ए.आर. एवं घनत्व (I) "ग्रुप हाऊसिंग भवनों में सैट-बैक, भू-आच्छादन, तल क्षेत्रफल अनुपात एवं घनत्व निम्नवत् होगा:-
(क) 12.5 मीटर तक ऊँचाई के भवनों में चारों ओर न्यूनतम 5.0 मीटर सैट-बैक होगा।
(ख) 12.5 मीटर से अधिक ऊँचाई के भवनों में प्रस्तर 3.4.5 पर दी गई तालिका के अनुसार सैट-बैक।
(II) (i) अधिकतम भू-आच्छादन 40 प्रतिशत अनुमन्य होगा। सुरक्षा जोन एवं संरक्षित स्मारकों के प्रतिबन्धित ऊँचाई वाले क्षेत्रों में अधिकतम भू-आच्छादन 55 प्रतिशत तक अनुमन्य होगा।
(ii) ग्रुप हाऊसिंग परियोजना में कुल अनुमन्य एफ.ए.आर. का अधिकतम 0.5 प्रतिशत एफ.ए.आर. कन्वीनिएन्ट शॉप्स के लिए अनुमन्य होगा।
(III) नए/अविकसित क्षेत्रों में अधिकतम एफ.ए.आर. 2.5 अनुमन्य होगा तथा निर्मित क्षेत्र एवं पूर्व विकसित योजनाओं/आवंटित भूखण्डों में अधिकतम एफ.ए.आर. 1.5 अनुमन्य होगा। उक्त के अतिरिक्त अनुमन्य एफ.ए.आर. का अधिकतम 5.0 प्रतिशत विभिन्न प्रकार की सेवाओं यथा-वातानुकूलित संयंत्र, लिफ्ट के सामने (लिफ्ट के बाहर गलियारे को छोड़कर) 10 वर्ग मीटर तक लॉबी, मम्टी, लिफ्ट के लिए मशीन कक्ष, अलमारियाँ एवं

वे-विन्डोज (अधिकतम 0.60 मीटर गहराई एवं 1.80 मीटर लंबाई तक), रिफ्यूज एरिया (एन.बी.सी. के अनुसार), सर्विस डकट तथा सामुदायिक केन्द्र के लिए अनुमन्य होगा।

ग्रीन बिल्डिंग के प्राविधानों की पूर्ति करने की स्थिति में लीड/आई.जी.बी.सी. द्वारा न्यूनतम गोल्ड रेटेड तथा ग्रेहा द्वारा न्यूनतम 4 सितारे रेटिंग की श्रेणी में रखे गए भवनों में अनुमन्य एफ.ए.आर. का 5.0 प्रतिशत अतिरिक्त एफ.ए.आर. निःशुल्क अनुमन्य होगा। इस हेतु आवेदक द्वारा उक्त संस्थाओं से रेटिंग सम्बन्धी प्रमाण-पत्र प्राप्त कर प्रस्तुत करना होगा।

- (IV) नियोजित रूप से विकसित कालोनियों/क्षेत्रों, जिनके ले-आउट प्लान्स सक्षम स्तर से अनुमोदित हैं, में भूखण्डीय विकास की पद्धति पर एक से अधिक भूखण्डों को मिलाकर प्रस्तावित ग्रुप हाउसिंग अथवा अन्य बहुमंजिला निर्माण अनुमन्य नहीं होगा।
- (V) नियमों के अन्तर्गत कय-योग्य एफ.ए.आर. अनुमन्य होगा।
- (VI) "नए/अविकसित क्षेत्रों में ग्रुप हाउसिंग के लिए जनसंख्या घनत्व 330 इकाईयां (1650 व्यक्ति) प्रति हेक्टेयर तक निम्न शर्तों के अधीन अनुमन्य होगा, जबकि निर्मित एवं विकसित क्षेत्रों में ज़ोनल प्लान/ले-आउट प्लान अनुमोदित होने की दशा में तदनुसार घनत्व अनुमन्य होगा अन्यथा अधिकतम 150 इकाई प्रति हेक्टेयर तक घनत्व अनुमन्य होगा:-
 - (i) 12 मीटर एवं अधिक किन्तु 18 मीटर से कम चौड़ी सड़क पर 200 इकाईयां प्रति हेक्टेयर।
 - (ii) 18 मीटर एवं अधिक किन्तु 24 मीटर से कम चौड़ी सड़क पर 250 इकाईयां प्रति हेक्टेयर।
 - (iii) 24 मीटर एवं अधिक चौड़ी सड़कों पर 330 इकाईयां प्रति हेक्टेयर।"
- (VII) सामुदायिक सुविधाओं का प्राविधान इस उपविधि के प्रस्तर-2.4.1 में निर्धारित मानकों के अनुसार किया जायेगा। सुविधाजनक दुकानों का प्राविधान प्रति 1000 व्यक्तियों पर 5 दुकानों के आधार पर किया जाएगा, जो अनुमन्य आच्छादित क्षेत्रफल के अन्तर्गत ही होगा। प्रति दुकान का अधिकतम तल क्षेत्रफल 15 वर्ग मीटर होगा।
- (VIII) प्रवेश द्वार पर 1.6 वर्गमीटर माप का चौकीदार/गार्ड रूम (जिसकी न्यूनतम चौड़ाई अथवा व्यास 1.2 मीटर होगा) अनुमन्य होगा, परन्तु किसी भी दशा में अग्निशमन हेतु वांछित न्यूनतम सैट-बैंक में निर्माण अनुमन्य नहीं होगा।
- (IX) चार हेक्टेयर तक के क्षेत्रफल की ग्रुप हाउसिंग योजना/भूखण्ड के लिए योजना/ भूखण्ड के कुल क्षेत्रफल पर एफ.ए.आर. देय होगा। ऐसी योजना/भूखण्डों में नियोजित होने वाली जनसंख्या के लिए मानकों के अनुसार वांछित सुविधाओं का प्राविधान उक्त एफ.ए.आर. के अन्तर्गत ही किया जायेगा। 4.0 हेक्टेयर से अधिक क्षेत्रफल की ग्रुप हाउसिंग योजनाओं के लिए "नेट" भूमि (योजना के कुल क्षेत्रफल में से 18 मी० एवं अधिक चौड़ी सड़कें, पार्क एवं खुले क्षेत्र (15 प्रतिशत) तथा सामुदायिक सुविधाओं के क्षेत्रफल को घटाते हुए अवशेष भूमि) पर एफ.ए.आर. देय होगा।
- (X) विकास प्राधिकरण/आवास एवं विकास परिषद द्वारा 'बल्क' सेल के रूप में ग्रुप हाउसिंग हेतु आवंटित की जाने वाली भूमि के सम्पूर्ण क्षेत्रफल पर 2.5 एफ.ए.आर. इस प्रतिबन्ध के अधीन अनुमन्य होगा कि योजनान्तर्गत अन्य उपयोगों यथा-व्यावसायिक कार्यालय, औद्योगिक, संस्थागत एवं सामुदायिक सुविधाओं के निर्माण के लिए एफ.ए.आर. उस उपयोग हेतु निर्धारित एफ.ए.आर. की सीमा के अन्तर्गत रहेगा।

- (XI) ग्रुप हाउसिंग परियोजनाओं के सेटबैक क्षेत्र के अंतर्गत बालकनी के प्रोजेक्शन्स इस प्रतिबंध के अधीन अनुमन्य होंगे कि अग्नि सुरक्षा हेतु फायर टैंडर के आवागमन हेतु भू-तल से न्यूनतम 6 मी० ऊँचाई का क्षेत्र अवरोध मुक्त रहेगा तथा इसमें किसी भी प्रकार का प्रोजेक्शन अनुमन्य नहीं होगा। 1.5 मीटर चौड़ाई तक बालकनी की गणना एफ.ए.आर. में सम्मिलित नहीं की जाएगी जबकि 1.5 मीटर से अधिक तथा अधिकतम 3.0 मीटर चौड़ाई तक (स्ट्रक्चरल सेफ्टी सुनिश्चित होने की दशा में) बालकनी के 25 प्रतिशत क्षेत्रफल की गणना एफ.ए.आर. में की जाएगी, परन्तु जहाँ दो भवनों के मध्य की दूरी 9.0 मीटर से कम हो वहाँ 1.5 मीटर से अधिक चौड़ी बालकनी अनुमन्य नहीं होगी। इस सम्बन्ध में अग्निशमन विभाग की अनापत्ति प्रस्तुत की जानी होगी।

3.3.7 पार्किंग व्यवस्था (I) पार्किंग हेतु मानक इस उपविधि के प्रस्तर 3.10 के अनुसार होंगे।

Dust Audit Registration

Sr. No.	Site/Project Name	Govt/Pvt	Site Incharge Mobile No.	District	Date of Registration	Site Self Audit Status	Score	Grade	Physical Audit Date by UPPCB	Revised Score by RO/HQ	Action
1	ACC Limited	Pvt	9582217144	Ghaziabad	26/02/2021	Enabled	121	Excellent		0	
2	GH-01	Pvt	9773893495	Ghaziabad	21/10/2020	Enabled	0	-		0	—
3	SEA STONE CONCRETE (RMC)	Pvt	9891026162	Ghaziabad	20/02/2021	Enabled	150	Excellent		0	
4	Star Rameshwaram	Pvt	8860006645	Ghaziabad	19/10/2020	Enabled	0	-		0	—
5	SECTOR-2 MANDOLA VIHAR YOJANA GHAZIABAD	Govt	6390900050	Ghaziabad	19/02/2021	Enabled	0	-		0	—
6	432, PM Awas Yojna, Madhuban Bapudham	Govt	9582716810	Ghaziabad	19/02/2021	Enabled	0	-		0	—
7	432, PM Awas Yojna, Dasna	Govt	9643326703	Ghaziabad	19/02/2021	Enabled	0	-		0	—
8	720 PM Awas Yojna	Govt	8588830171	Ghaziabad	19/02/2021	Enabled	0	-		0	—
9	Zonal Roads in Madhuban Bapudham	Govt	7290046545	Ghaziabad	19/02/2021	Enabled	0	-		0	—
10	Hindon Road Bridge	Govt	7290060580	Ghaziabad	19/02/2021	Enabled	0	-		0	—
11	Meerut road to Morta Ring Road construction	Govt	9643326726	Ghaziabad	19/02/2021	Enabled	0	-		0	—
12	Northern Paripheral Ring Road construction	Govt	9643326725	Ghaziabad	19/02/2021	Enabled	0	-		0	—
13	PM Awas Yojna	Govt	9711305281	Ghaziabad	19/02/2021	Enabled	0	-		0	—
14	480, PM Awas Yojna	Govt	8929317117	Ghaziabad	19/02/2021	Enabled	0	-		0	—
15	SECTOR-04A	Govt	6390900060	Ghaziabad	19/02/2021	Enabled	0	-		0	—
16	Kavinagar E-Block E-94 to E-107 to E-108 RCC Drain	Govt	9718677349	Ghaziabad	19/02/2021	Enabled	0	-		0	—
17	Ward-62 Harsaw Ambey Stationary to Shukveer Singh	Govt	9999391117	Ghaziabad	19/02/2021	Enabled	0	-		0	—
18	Ward-32 Krishna Nagar to Surendra Kumar House	Govt	9971822511	Ghaziabad	19/02/2021	Enabled	0	-		0	—
19	Ward-32 Krishna Nagar Mangal Bazar	Govt	9891026975	Ghaziabad	19/02/2021	Enabled	0	-		0	—

20	Ward-59 Chandrapuri Navyug Market	Govt	9350439541	Ghaziabad	19/02/2021	Enabled	0	-		0	-
21	Ward-63 & 66, Pasonda Road to Chand Mashid	Govt	9650065856	Ghaziabad	19/02/2021	Enabled	0	-		0	-
22	widening & strengthening of Mohanngar Ioni Rd.	Govt	7500440001	Ghaziabad	19/02/2021	Enabled	0	-		0	-
23	Shalimar garden ex01 mai pradeep jataw to dukan	Govt	9811071719	Ghaziabad	19/02/2021	Enabled	0	-		0	-
24	Repair of Pipe line to Bhikanpur road	Govt	9690207777	Ghaziabad	19/02/2021	Enabled	0	-		0	-
25	Ward No-1, Krishna Nagar Bagu to Temple	Govt	9140033972	Ghaziabad	19/02/2021	Enabled	0	-		0	-
26	Ward No-7, Sudamapuri Kamal Singh to kapil Dhanni	Govt	9350003538	Ghaziabad	19/02/2021	Enabled	0	-		0	-
27	Repair of santhli school to bikanpur Road	Govt	7011244241	Ghaziabad	19/02/2021	Enabled	0	-		0	-
28	Ward No-15, L Block to Shyamjeet L-1	Govt	9354821299	Ghaziabad	19/02/2021	Enabled	0	-		0	-
29	Ward No-36, Prahldgarhi Rajkiya Pashu Chitshalay	Govt	8512820110	Ghaziabad	19/02/2021	Enabled	0	-		0	-
30	Ward No-41, Maharajpur Chaudhari Clinic to Shabir	Govt	9818305310	Ghaziabad	19/02/2021	Enabled	0	-		0	-
31	Niwari-Modinagar Road Park Development	Govt	9458278900	Ghaziabad	19/02/2021	Enabled	0	-		0	-
32	Repair of Khindoda mukari road	Govt	7428175677	Ghaziabad	19/02/2021	Enabled	0	-		0	-
33	NH.-58 Modinagar to Sonda Rewadi Rewada Rd	Govt	8791079353	Ghaziabad	19/02/2021	Enabled	0	-		0	-
34	Modinagar Sewerage Scheme Phase-I	Govt	9358484400	Ghaziabad	19/02/2021	Enabled	0	-		0	-
35	Modinagar Sewerage Scheme Phase-II Subphase-I	Govt	9555433138	Ghaziabad	19/02/2021	Enabled	0	-		0	-

36	Modinagar Sewerage Scheme Phase-II Subphase-II	Govt	9582292122	Ghaziabad	19/02/2021	Enabled	0	-		0	-
37	Laying of Rising Main and Const. Pump House	Govt	9811060949	Ghaziabad	18/02/2021	Enabled	0	-		0	-
38	CHARMS CASTLE	Pvt	9999905449	Ghaziabad	17/10/2020	Enabled	150	Excellent	24/10/2020	79	
39	Saya Gold Avenue	Pvt	9873082487	Ghaziabad	17/10/2020	Enabled	150	Excellent	03-03-2021	120	
40	Jasmine Grove	Pvt	9873007441	Ghaziabad	16/10/2020	Enabled	0	-		0	-
41	MCC Signature Heights	Pvt	9953284444	Ghaziabad	15/10/2020	Enabled	150	Excellent	26/12/2020	114	
42	KW Delhi 6	Pvt	8588827403	Ghaziabad	15/10/2020	Enabled	150	Excellent	25/10/2020	140	
43	C/o National Institute of Unani Medicine -Hospital	Govt	9810406481	Ghaziabad	13/10/2020	Enabled	0	-		0	-
44	PRATEEK GRAND CITY	Pvt	9582948402	Ghaziabad	10-12-2020	Enabled	0	-		0	-
45	sentosa parc	Pvt	8527963277	Ghaziabad	10-11-2020	Enabled	0	-		0	-
46	Group Housing Project "Apex The Rio"	Pvt	9810643744	Ghaziabad	10-10-2020	Enabled	142	Excellent		0	
47	SCC BLOSSOM	Pvt	9650879444	Ghaziabad	10-10-2020	Enabled	127	Excellent		0	
48	KLASSIC HOMZ	Pvt	9015036428	Ghaziabad	10-10-2020	Enabled	150	Excellent		0	
49	Development of Delhi-Meerut Expressway, Package-II	Govt	9818817035	Ghaziabad	10-10-2020	Enabled	0	-		0	-
50	Development of Delhi-Meerut Expressway, Package-IV	Govt	7055212606	Ghaziabad	10-10-2020	Enabled	0	-		0	-
51	Improv. & Maintenance of 4 Lane Old NH-709B	Govt	8287506532	Ghaziabad	10-10-2020	Enabled	150	Excellent	25/10/2020	0	
52	Development of Delhi-Meerut Expressway, Package-II	Govt	7055212605	Ghaziabad	10-10-2020	Enabled	150	Excellent	25/10/2020	83	
53	Windsor Paradise II ,	Pvt	9654386800	Ghaziabad	10-10-2020	Enabled	140	Excellent	25/10/2020	116	
54	RRTS Package - II	Govt	9773981901	Ghaziabad	10-10-2020	Enabled	150	Excellent	25/10/2020	150	
55	Bluemoon Homes	Pvt	9899034534	Ghaziabad	10-10-2020	Enabled	0	-		0	-
56	SG Grand	Pvt	9899975262	Ghaziabad	10-09-2020	Enabled	140	Excellent		0	
57	Proposed Residential Complex	Pvt	9873099101	Ghaziabad	10-09-2020	Enabled	145	Excellent	25/10/2020	92	
58	T Homes Phase-1	Pvt	9811411470	Ghaziabad	10-09-2020	Enabled	150	Excellent	24/10/2020	150	

59	ATS EWS Group Housing Project	Pvt	8377906920	Ghaziabad	10-08-2020	Enabled	145	Excellent	25/10/2020	115	
60	ATS Khyber Range	Pvt	8650401501	Ghaziabad	10-08-2020	Enabled	145	Excellent	25/10/2020	136	
61	Migsun Kiaan	Pvt	9643300279	Ghaziabad	10-08-2020	Enabled	122	Excellent	24/10/2020	134	
62	Shikhar Height	Pvt	9312834243	Ghaziabad	10-08-2020	Enabled	150	Excellent	24/10/2020	150	
63	Migsun Atharva (Plot-A)	Pvt	8860087837	Ghaziabad	10-08-2020	Enabled	129	Excellent		0	
64	Migsun Atharva (Plot-D) PMAY	Pvt	7290027788	Ghaziabad	10-08-2020	Enabled	4	Poor	23/10/2020	0	
65	Mangal Heights	Pvt	9560096797	Ghaziabad	10-08-2020	Enabled	150	Excellent		0	
66	Migsun Roof	Pvt	9643320960	Ghaziabad	10-08-2020	Enabled	132	Excellent		0	
67	Spotlite- The Mall of Joy	Pvt	9999465702	Ghaziabad	10-08-2020	Enabled	140	Excellent		0	
68	Uninav Bliss	Pvt	9650099588	Ghaziabad	10-08-2020	Enabled	150	Excellent	26/10/2020	111	
69	Gaur Siddhartam	Pvt	9582279246	Ghaziabad	10-07-2020	Enabled	150	Excellent	25/10/2020	150	
70	Group Housing Project "Nilaya Greens"	Pvt	9999999540	Ghaziabad	10-07-2020	Enabled	122	Excellent		0	
71	Group Housing 'Mahagun Montage'	Pvt	9350638298	Ghaziabad	10-05-2020	Enabled	139	Excellent		0	
72	FORTUNE RESIDENCY	Pvt	8826288884	Ghaziabad	10-05-2020	Enabled	150	Excellent	24/10/2020	108	
73	MEHAK JEEVAN	Pvt	9643321243	Ghaziabad	10-05-2020	Enabled	150	Excellent	24/10/2020	77	
74	SAVIOUR PARK	Pvt	9899413708	Ghaziabad	10-05-2020	Enabled	118	Excellent	25/10/2020	73	
75	Express One	Pvt	9811263619	Ghaziabad	10-05-2020	Enabled	116	Excellent	26/10/2020	130	
76	WAVE HIGH TECH CITY	Pvt	9958056683	Ghaziabad	10-05-2020	Enabled	150	Excellent	24/10/2020	105	
77	Golf Links	Pvt	8929205868	Ghaziabad	11-02-2020	Enabled	150	Excellent		0	

C & D Fine list

1	M/s. National Institute of Unani Medicine (Ayush Ministry), Village Harsaw Near, CBI Acadamy, Hapur Road, Ghaziabad.
2	Nagar Ayukt Nagar Nigam, (Sour Urja Marg Construction waste dump).
3	Regional Director, NHAI, Gzb (NH-24 construction waste dump).
4	M/s. A.C.C. Limited, 38/1A, 38/1B, Site-4 Sahibabad Industrial Area, Ghaziabad.
5	M/s. ATS Grand Retealtors Pvt. Ltd., Batching Plant, Khasra No-393-405, 407-411, 594, Village Mehroli, Khasra No-137/1, Village Sahpur Bamheta, Ghaziabad
6	M/s. A.C.C. Limited, 38/1A, 38/1B, Site-4 Sahibabad Industrial Area, Ghaziabad.
7	M/s. Lal Chand & Company, D-55, Navyug Market, Ghaziabad
8	M/s LARSEN AND TOUBRO LIMITED PLOT NO. 836/838, VILLAGE SAIDPUR HUSSAINPUR DILNA, MOHIUDDINPUR, GHAZIABAD
9	M/s. Roshni Enterprises, Khasra No-418, Sikandarpur, Defance Colony, Sahibabad, Ghaziabad
10	M/s. KEC International (NCRTC Casting Yard), Sector-8, Vasundhara, Ghaziabad
11	Regional Director, NHAI, Gzb (NH-09 construction waste dump), Shri Bhurelal, Chairman, EPCA, New Delhi
12	Nagar Nigam reg. Kaushambi area counstruction
13	NHAI, Ghaziabad reg. Loni Tirahe to Delhi Border
14	PWD, Ghaziabad Reg. Tila Mod to Banthla Flyover
15	M/s. Balajee Builders (Prop. Chaudhary Vikram), Nirmal Vihar, Near Green Garden Marrige Hall, Ward No-45, Loni, Gzb
16	M/s. Shri Ram Builders & Properties (Prop. Chaudhary Vinit), Nirmal Vihar, Near Green Garden Marrige Hall, Ward No-45, Loni, Gzb
17	NCRTC, Ghaziabad Casting Yard, Vasundhara Sector-8, Gzb
18	Nagar Nigam/Reg. Contractractor, BS Road Industrial Area, Gzb
19	मैसर्स मैट्रो सूटस Glit , निकट सम्राट चौक, सेक्टर-2सी, वसुन्धरा, गाजियाबाद ।
20	मैसर्स जय अम्बे बिल्डर्स एण्ड ट्रेडर्स, प्लॉट नं-769, सेक्टर-1, वसुन्धरा, गाजियाबाद ।
21	M/s. Uppal Builders, Plot No-253, Niti Khnad-1, Indirapuram, Ghaziabad
22	मैसर्स क्वातरा टाईल्स एण्ड सेनीटरी वेयर, प्लॉट नं ए-2/1, साई-4 साहिबाबाद औधोगिक क्षेत्र, गाजियाबाद ।
23	M/s. Deepak Building Material, Sector-16, Vasundhara, Ghaziabad
24	M/s. Mahalaxhi Build Tech Pvt. Ltd., (PMAY), Sahpur Morta Gzb
25	M/s. Maya Buildcon, Plot No-12, Niti Khand-1, Indirapuram, Ghaziabad
26	JP Builder, Address Sector-9, Plot No-1005, Near Mahaveer Chowk, Vasundhara, Ghaziabad
27	Prem Bhadana, Shakti Khand-2, Bijlighar Ke Pass Indirapuram, Ghaziabad
28	Himanshu Oppl Builder, Shakti Khand-2, Bijlighar Ke Pass Indirapuram, Ghaziabad.
29	Lal Chand & Company, D-55, Navyug Market, Ghaziabad
30	Shyam Traders, 5 No. Bhatta, Sikroda Road Mangatram Collage Gram Gadhi, GZB
31	Sharma Builder Material suplyer, 5 No. Bhatta, Sikroda Road Mangatram Collage Gram Gadhi, GZB
32	EE, Jal Nigam, Sector 15 Vashundra , GZB
33	M/s. Anand Recycling Company, A-7/61, 62 SS of GT Road industrial area, Ghaziabad
34	Kunal Traders, Opp. Side of Nandi Park Gaushala, Near Sai Enclave, Nand Gram, Rajnagar Ext. Road Ghaziabad
35	Janata Cement Store, Shop No.- 2, Beside Kripal Tyres, Home Nagar Mohan Nagar, Ghaziabad

36	Ajay Gupta, Beside Jain Mandir , Block-C, Sector -10, Vasundhara
37	Pooja Builders, D-33, Site 4, Industrial Area, Near Yadhu Gas Agency, Sahibabad, Ghaziabad
38	Pramod Chaudhary, Plot No. -182, Sec-10, Jain Mandir Road, Vasundhara, Ghaziabad
39	Amar kumar Gupta, Plot no 102 Site 4 Sahibabad Industrial Area Ghaziabad
40	Nagar Nigam road construction Vaishali Gzb
41	Mr. Sonu, Plot No. 147 near Milind School Sec.6 Vaishali Ghaziabad
42	Dagar Builders, Rajkumar Dagar, Behta Hazipur Nahar Road Beside Priya Dharmkanta Loni Ghaziabad
43	Rishi Pal, Behta Hazipur Near Gupta Ji Builder Nahar Road Loni Ghaziabad
44	Gupta Ji Builder Naveen Lala, Nahar Road Behta Hazipur Loni Ghaziabad
45	Vishal Builder Vishal, Nahar Road Behta Hazipur Loni Ghaziabad
46	Sardar Builder Rinku, Nahar Road Front Off Dhama Indane Gas Godam Behta Hazipur Loni Ghaziabad
47	Monu Builder Monu, Nahar Road Behta Hazipur Loni Ghaziabad
48	Radha Builders Surendar Kumar, Near Indian Dharm Kanta Nahar Road Behta Hazipur Loni Ghaziabad
49	Pritam Singh Rana Builder Material Supplier Sahibabad Site 4 Near by Shiv Mandir, Ghaziabad
50	Sharma Builder Material Supplier M 298 Pratap Vihar Sector 12 Ghaziabad
51	Nagar Nigam, N 154 Teacher Colony Sector 12 Ghaziabad
52	M/S RR Steel, 13/25, Site-4, Sahibabad, Ghaziabad
53	Nagar Nigam, Infront of plot No. A41, BPL factory, link road, Site-4, Sahibabad, Ghaziabad
54	Mr. Ajay Gupta, Plot No. 10 A-2, Sector-10, Vasundhara, Ghaziabad.
55	M/S Bhagwati Traders, Plot No. 182, Jain Mandir Road, Sector-10, Vasundhara, Ghaziabad
56	Babli kasana, Near Delhi 99, Tila Mod , Ghaziabad
57	Pappu, Plot No. -C-18, Sahibabad Industrial Area, GZB
58	U.P. Jal Nigam, Sahibabad site-4, Railway Road, Gzb
59	OM Sai Enterprises, A-38/14, Site -4, Industrial Area, GZB
60	Asian Sanitary, 40/2/2, Site -4 , Industrial Area, Sahibabad , GZB
61	Subhash, 14/13, Site-4 , Industrial Area, Sahibabd, GZB
62	U.P. Jal Nigam, Water Pipe Line Vijay Nagar, Ghaziabad
63	M/s. S.K. Building Material Supplier, Shivpuri Near Shri Krishna Inter Collage, NH-24, Vijay Nagar, Ghaziabad
64	M/S Vishwakarma Enterprises, F-25, BS Road industrial area, Ghaziabad
65	M/s. Mange Ram, Opp. Hanuman Mandir, BS Road, Lal Kuwa, Ghaziabad
66	M/s. Naveen Agarwal Opp. Hanuman Mandir, BS Road, Lal Kuwa, Ghaziabad
67	M/s. Shiv Kumar, Sector-9, Near SBI Bank, Vijay Nagar, Ghaziabad
68	Mohit Chauhan, Plot No.-1360 Sec-5, Vasundhra, GZB
69	Pavan Tyagi, Near Diviniti Teacher training Institute, Plot No. – 1233 , Sec- 5, Vasundhra GZB
70	Akshat Test Lab & Callibration Service, A-2/49, G.D. Steel Compound, Site-4, Industrial Area , Sahibabad, GZB
71	Lokesh Traders, Near A.K. Children Academy Morti Road, Sehani Khurd, Raj Nagar Ext., GZB
72	Nagar Nigam, Nehru Nagar C-Block to Ashok Nagar Park, Drain Construction,
73	M/s. Dalania Traders, Near Bhagvati Motors, A-Block Commercial Area, Near Bharat Petrol Pump, Govindpuram, Ghaziabad

74	M/s. Shivam Building Material, Plot No-12, Block-B, Gangapuram, Hapur Road, Ghaziabad
75	M/s. Sagar Building Material Suppliers, Block-C, Hapur Road, Mishal Garhi, Govindpuram, Ghaziabad
76	M/s. R.L. Sales Corporation, Plot No-2, Vishnu Enclave, Near Panchsheel Park, Hapur Road, Govindpuram, Ghaziabad
77	M/s. Sharma Agency, F-2, Shastri Nagar, Hapur Road, Ghaziabad
78	U.P. Jal Nigam by Water pipe line in Village Kadkad Model, Site-4 Sahibabad, Ghaziabad
79	Praveen Chaudhary, 100 Feet Road, Ret Mandi, Nandgram, Ghaziabad.
80	Bablu Tyagi, Near Big Boss Gym, 100 Feet Road, Ret Mandi, Nandgram, Ghaziabad
81	Laxmi Traders, Near Fatima Convent School, 100 Feet Road, Nandgram, Ghaziabad
82	Kunal Traders, Near Nadi Park, Rajnagar Extension, Ghaziabad
83	M/S Dev Heights...in front of Classic Residency, Rajnagar, Ghaziabad
84	Contractor Narendra, RH 14 sector 2 Rajendr Nagar near ESI hospital Shahibabad Ghaziabad
85	M/s. Maya Buildcon, Plot No-108, Gyan Khand-1, Indirapuram, Ghaziabad
86	Ashok Vatika, Plot No-11/324, Vasundhara, Sector-9, Ghaziabad
87	House No B-2003, Apex Acacia Valley, Sector-3, Vaishali, Ghaziabad
88	M/S Bharat Builders, Tronica City, Loni, Ghaziabad
89	M/S National Builders, Loni, Ghaziabad
90	M/S Pal Builders, Loni, Ghaziabad
91	M/S Jyoti Builders, Loni, Ghaziabad
92	Mr. Gabbar, B-5, Hayat Enclave Baghpat road, Loni, Ghaziabad
93	M/s Shree Ram Builders Pipe Line Road Malik Nagar Muradnagar Ghaziabad
94	M/s Shree Ram 2 Builders Pipe Line Road Malik Nagar Muradnagar Ghaziabad
95	M/s Vasisht Cement store Jeetpur Rawli Road Muradnagar Ghaziabad
96	M/s Arihant Trending Near Radhey Shyam Phase 5 Near CNG Pump Muradnagar Ghaziabad
97	M/S Siddhabali Trading Company, beside Diamond School, Jalalpur Road, Muradnagar Ghaziabad
98	M/s. Rise Projects Pvt. Ltd., (Organic Homes), Sahapur Bamheta, Ghaziabad
99	M/s. Ahluwalia Contracts (India) Ltd., Ghaziabad
100	M/s. Modern Construction Company, RMC Plant Pratap Vihar, Ghaziabad
101	M/s. Uppal Chadda High Tech Developers, Near Kazipura Mod, NH-24 Ghaziabad
102	M/s. Tarun Gupta Builders, Near Peer Colony, Site-4 Sahibabad Industrial Area, Ghaziabad
103	M/s. Express One, Plot Comm-2, Sector-14, Vasundhara, Ghaziabad
104	M/s. Vasundhara Grand, Plot No-15, Sector-15, Vasundhara, Ghaziabad
105	M/s Maya Building Material Suppliers & Transport, Village Kanawani, Indirapuram, Ghaziabad
106	M/s Chaudhary Building Material Suppliers, Village Kanawani, Indirapuram, Ghaziabad
107	M/s Jain Builders & Suppliers, Opp. Niho Scottish Garden Society, Village Kanawani, Indirapuram, Ghaziabad
108	M/s. Modh. Salim Building Material Suppliers & Transport, Village Kanawani, Indirapuram, Ghaziabad
109	M/s Shiv Traders, Village Kanawani, Khasra No-575, Indirapuram, Ghaziabad

2018

PROJECT REPORT:

C&D Waste Management Facility of 400TPD for
Hindon Vihar, Ghaziabad

Residual Resource Value Recovery- Scales on 3 R*

***Reduce, Reuse and Recycle to recover the value**

Prepared By

Vats Realtech Private Limited



Chapter-1

Introduction

1.1 Introduction

Construction and Demolition Waste have ever been neglected area which has resulted in collapse of Water Bodies and Water Tables. Over the years apart from filling almost all low lying areas, drains and water bodies it has been responsible for present days urban floods. Moreover, due to its inorganic composition it has created mountainous garbage dumps across the nation. Initiatives taken by Municipal Corporation of Delhi and Central Road Research Institute have opened the avenues for India of dreaming "The Zero Waste Nation".

The most critical damage to environment is caused by construction and demolition waste in the form of suspended particulate material in air. In urban areas around 30-40% air pollution is just created by unattended dumps of C&D Waste. On the same time recycled C&D Waste produce are quality substitute to the natural construction materials. This exercise of Construction and demolition waste recycling equally substitutes and supports Circular Driven Economy.

In Delhi itself more than FORTY FIVE LAKH TONNES of Construction and Demolition Waste has been successfully recycled. Reusable construction grade material recovery rates are almost 100%. Amongst the success stories recycled C&D Waste produce have find place for uses in Construction and Infrastructure Development Industry.

1.2 Composition and Fraction Estimate

Construction and Demolition Waste recycling process has drawn the attention only recently. During 2015-16 several measures were taken. On 10th April, 2015 Honorable National Green Tribunal issued Guidelines on handling C&D Waste at construction projects and transportation of materials and waste from one place to another. Municipal Solid Waste (Management and Handling Rules, 2000) in supersession were replaced by six wastes management rules, 2016. The core objective of six wastes management rules was primarily for better handling and segregation at source.

Apparently it seems that Construction and Demolition waste contains more than 70% soil. But application of engineering and tailored technology suggests entirely different composition and fraction as follows-

1. Soil/ silt	25%
2. Recovered sand	15%
3. Recycled Aggregates (RA)	50%
4. Recycled Concrete Aggregates (RCA)	9%
5. Plastics, wood and other misc.	1%



1.3 Benefits of C&D Waste Management

Proper management of C&D waste can provide the following benefits:

1. Economic Advantages

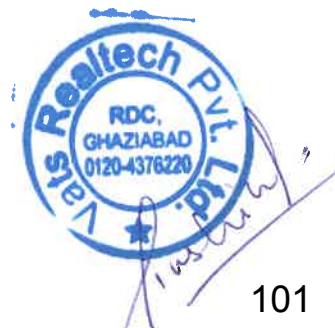
- a. Economic Impulses
Waste minimization and reuse of salvaged C&D waste brings in monetary benefits for the economy as a whole, in the following ways:
 - i. Improvement in the economic situation of recycling industry
 - ii. More jobs for workers with both high and low qualifications
 - iii. Recovery of costs associated with transportation and tipping fees
 - iv. Good quality of waste material stimulated by better prices
- b. Reduction in Disposal Costs
 - i. Less waste end up in landfill, increasing lifetime and reducing costs
- c. Conservation of Natural Resources
 - i. Return of waste material into material cycle
 - ii. Reduction of dependency on primary material
- d. Lower Costs of new constructions
 - i. Lower prices than new material

2. Environmental Advantages

Construction and demolition waste management plan creates opportunities such that a significant portion of the solid waste stream is diverted from landfills/open dumps, thus reducing the environmental impacts of waste in dumps and landfills. Land, water and air pollution impacts are reduced, less pollution from manufacturing and transportation related emissions and lower greenhouse gas emissions. Reuse and recycling of the restored material further reduces the need to extract virgin natural resources.

- a. Natural Resources
 - i. Less primary resources
 - ii. Smaller raw material warehouse
 - iii. Lower landscape consumption
- b. Reduction of CO₂ Emissions
 - i. Less production energy when recycling
 - ii. Smaller transport distances
- c. Elimination of illegal and unauthorized dumping
 - i. Recycling discourages illegal dumping
 - ii. Reduces negative environmental impacts upon ground water, surface water, air, flora, fauna and landscape
- d. Improvement of Air Quality
 - i. Controlled disposal of non-mineral C&D Waste means to be able to prevent ignition and incineration e.g. rubber and plastic

3. Social and Health Advantages



Proper handling and management of construction and demolition wastes ensures that the ill effects of pollution arising out of such wastes are minimized including health impacts.

- a. Reduction of health hazards generated by illegal deposits
 - i. Reduction of proliferation of pests if C&D Waste is deposited on designated sites
- b. Reduction of health hazards generated by incineration
 - i. Uncontrolled incineration of C&D waste can cause emission of toxic compounds or substances such as dioxins
- c. Better use of public space
 - i. Lower growth rate for landfills
 - ii. More space for productive uses e.g. green and living spaces.

1.4 PROJECT SCOPE

The project is being setup to scientifically manage C&D waste generated by construction and demolition activities of Ghaziabad Nagar Nigam. It encompasses the following:

- Setting up and commissioning of C&D Waste Processing facility
- Operation and Maintenance of C&D Waste Processing facility
- Manufacturing, Marketing and Selling Recyclable Produce
- Disposal of Process rejects, if any to the designated site

Chapter-2

Study Area profile and current C&D waste management practices

2.1 SCALES ON 3-R and RESIDUAL RESOURCE VALUE RECOVERY CONCEPT

All this is our core vision team's in house devised concept and process. Simple basic steps suitable to Indian Urban Wastes Scenario and complex situation of handling and disposal of garbage is strategically divided to scientifically process attain "the total sustainable development".

Urban wastes are generated out of the useful material consumed. It is mostly domestic in nature and kept out of the hazardous wastes category. One of our core vision team members has been instrumental to unplug the Garbage Maniac all around. Approach and subsequent designed process ensures to attain "Garbage Free Zero Discharge Cities". Salient features and step by step is defined as follows-



- To make the process for masses to participate initial step as adopted by the governance is act source segregation. To make it totally effective and in full force Municipal Solid Waste Rules, 2000 are rediscovered and six wastes management rules, 2016 are in force.
- These six rules, 2016 includes- Solid Waste Management Rules, Plastics Waste Management Rules, Construction and Demolition Waste Management Rules, E Waste Management Rules, Bio Medical Waste Management Rules and Hazardous Waste Management Rules
- For effective implementation and sufficient capacity building Central Pollution Control Board is the implementing agency and National Productivity Council is the training and capacity building agency.
- Segregation at source is the approach but it can't work if storage is not done separately. This is the area where the "management turns into maniac and resulted into mountainous garbage state all around".
- Over the time due to rapid urbanisation, lands in urban areas have gathered preciousness and space for dumping or otherwise the waste has exhausted.
- Application of six waste management rules unplugged it all and act of dumpsite remediation is the way to stabilize the existing dumps properly for liberation of occupied land within urban municipal limits.
- To effectively remediate the existing garbage dumps, fraction analysis plays vital role. Fraction and composition is dependent of local area factors and consumption patterns which can be understood very well with the support of NGOs active locally.
- **By and large Construction and Demolition Waste is majority fraction in garbage. It ranges between 40% to 60% in most of the cases. Due to its inorganic inert nature it acts as contaminant and badly affects the process of composting and combustibility.**
- Based on the available figures arrived out of various survey reports, almost 80% garbage burden is created within 30-40% of the urban populations. This has specifically been driven due to rural or otherwise people exploring better livelihood options thus putting local ecological and amenities imbalance.
- **Processing and separately handling the construction and demolition waste alone will reduce the burden from the corporation by around/ upto 50%.**
- Once the C&D Waste Recycling facility is fully operational it will translate into and give clear figures for capacity planning for Wastes to Energy facility and rearrangement of composting or otherwise.

2.2 Waste Characterization

C&D waste consists of the materials generated during the construction, renovation and demolition of buildings and other structures. C&D waste constitutes one of the largest waste streams in the world. The management of C&D waste is a major concern due to the increasing quantum of demolition rubble; continuing shortage of dumping sites, increase in transportation and disposal cost and above all, growing concern about pollution and



environmental deterioration. Construction and demolition activity leads to generation of solid wastes, which include sand, gravel, concrete, stone, bricks, wood, metal, glass, plastic, paper etc. The management of construction and demolition waste is a major concern for town planners due to the increasing quantum of demolition's rubble, continuing shortage of dumping sites, increase in transportation and disposal cost.

The major components of GNN's C&D waste includes Cement Concrete pile heads, pile heads with re-bars, Cement concrete blocks, Broken Bricks, Broken Cement plaster, Rubble, Broken Stone (marble, granite, sand stone), Soil, Sand, Gravel, Broken Timber/Wood (especially in the demolition of old buildings), Steel (from RCC, door/window frames, roofing support, staircase railings, etc.) etc. The quantity of construction waste is likely to be more than demolition waste.

2.3 Projections for GNN for future years

On the basis of pattern analysis it has been estimated that GNN would be generating around 1.41 Lakh tonnes per annum of Construction & Demolition waste from its construction and developmental work within municipal limits.

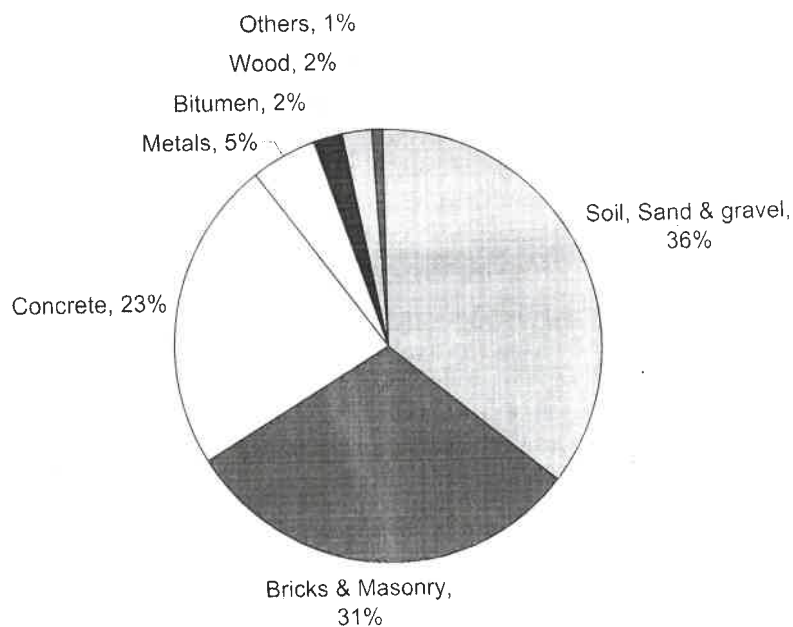
2.4 TIFAC Study

Based on a study conducted by Technology Information, Forecasting and Assessment Council (TIFAC), the quantum of waste generated during Construction is of the order of 35-50 kg / sq.m of construction activity, while during demolition the waste generated is about 350-500 kg / sq.m.



The table below along with the pi-chart presents the results of TIFAC (Technology Information, Forecasting and Assessment Council) estimates of C&D waste composition in India.

Typical Composition of Indian C&D waste



C&D Waste Composition (in %)

Composition of C&D ¹	Typical as per TIFAC
Soil/Sand, Gravel	36.0
Bitumen	2.0
Metals	5.0
Masonry / Brick	31.0
Concrete	23.0
Wood	2.0
Others	1.0
Total	100.0

Note: Metal, Timber, glass, plasterboard and plastic are almost entirely recycled.



CHAPTER 3

Project Description

3.1 Introduction

It has been estimated that GNN would be generating 1.41 Lakh tonnes per annum of Construction & Demolition waste from its construction and developmental work within municipal limits. It is imperative to prevent C&D waste from being illegally dumped. Waste generation should be accounted for and in GNN's view the disposal should be on scientific lines as per Construction & Demolition Waste Management Rules, 2016, Guidelines for Construction and Demolition Waste Management, 2017, Dust Mitigation Guidelines, 2017 and other applicable rules and law in force. Mostly, the C&D waste is disposed off at various sites without processing in low lying and desolate areas. In addition to the ad hoc nature of the system, constraints of space for storage of the C&D waste, and lack of space for landfill are also important areas of concern. It is therefore in this context that GNN invites Tender for setting up a plant of approximate capacity of 400 TPD to process C&D waste.

The plant is proposed to be in operation for 15 years extendable up to 25 years.

3.2 Land Availability & Site

The site for the proposed C&D Waste processing facility is near Water Tank, HindonVihar, Ghaziabad.

The site allocated for the project is having a total area of 5 acres.



3.3 Broad design considerations and Process description

This plant is proposed to have a capacity to process 400 TPD of C&D waste.

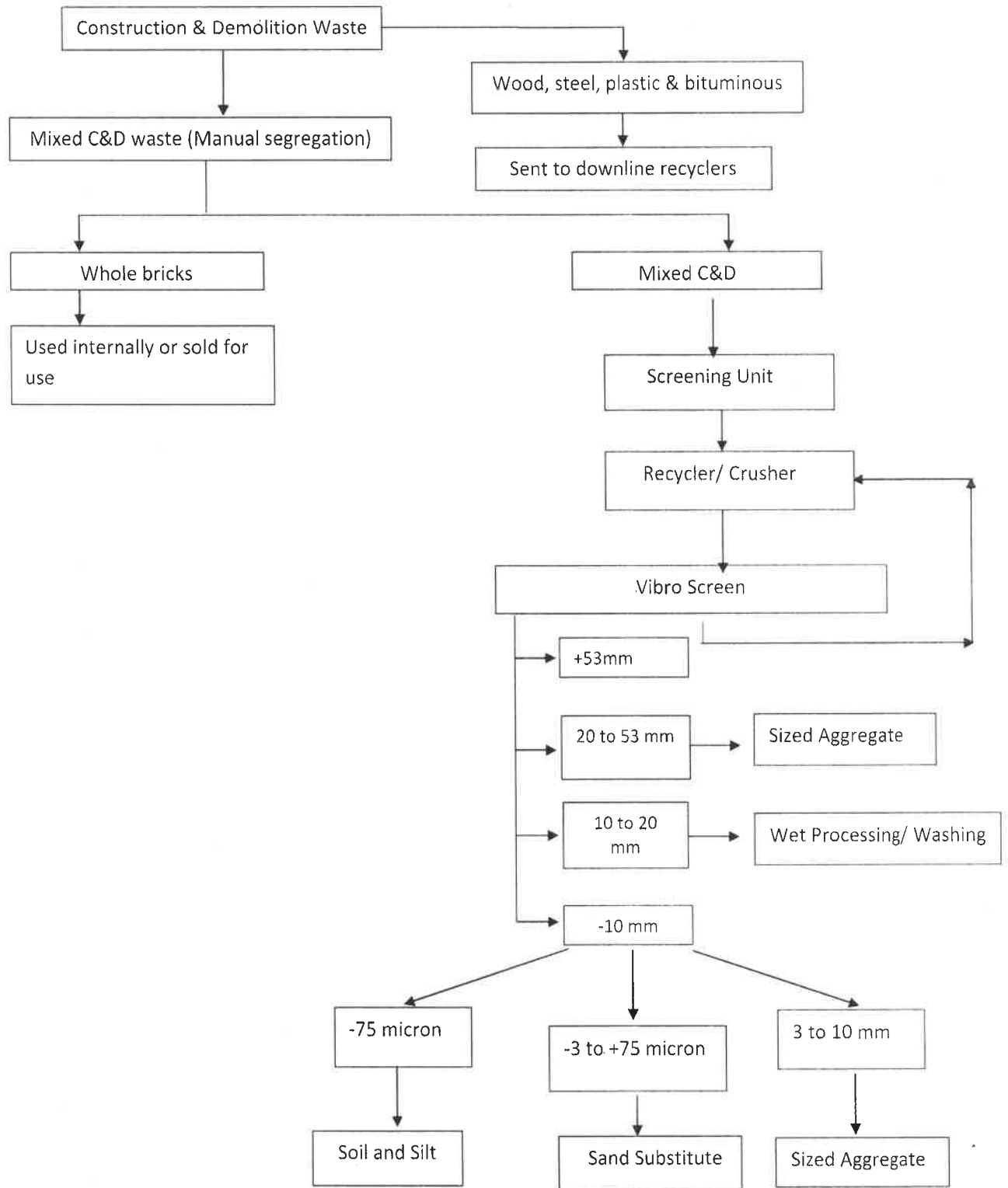
3.3.1 C&D Waste Processing

The plant will have a process stream of 400 TPD. The plant will be designed to work in one shift i.e. 8 hours per day and shall operate for 353/354 days in a year. Sequence of Unit operations is as follows:

- Receipt & Inspection of C&D Waste at the plant
- Weighment
- Manual Segregation & Resizing
- Recycling
- Sieve Separation
- Silt, soil and sand recovery



Process Flow Chart



(a) Receipt & Inspection of C&D Waste at the plant

Waste received at the processing facility will undergo inspection at the entrance. C&D waste is defined as solid waste resulting from construction, remodeling, repair, renovation or demolition of Structures or from land clearing activities or trenching or desilting activities. "Structures" for the purpose of this definition means building of all types (both residential and non-residential), utilities, infrastructure facilities and any other type of man-made structure. C&D Waste includes bricks, concrete, rubble and other masonry materials, soils, rock, land clearing debris etc. Provided however, C&D waste shall not include (even if they result from construction, remodeling, repair, renovation or demolition of Structures or from land clearing activities) any hazardous wastes as defined under the Hazardous Waste Management and Disposal Rules, 1999. Thus, truck containing these materials will only be accepted at the facility and will proceed for Weighment.

(b) Weighment

A weighbridge of minimum weighing capacity of 40 tons will be installed at the processing facility. It shall be equipped with a computerized system for billing and tracking vehicle movement. The platform scales shall have the capability of accurately measuring tare and net weights of range of vehicles. The scales shall have a minimum designated level of accuracy (i.e $\pm 5\text{kg}$).

The weighbridge will be a permanent structure furnished with appropriate space to maintain and operate the computerized weight recording system, store historical records and have sufficient room for two weighbridge operators.

The Weighbridge shall generate and maintain an electronic database for each delivery with time stamp and provide a print out of the specifications and details for each consignment received at the Project Site.

(c) Manual Segregation & Re-sizing

After Weighment, trucks will be brought to Waste Dumping area. The C&D waste will be dumped at the tipping floor. JCB would reach the incoming material storage area, and level the collected waste so that segregation would be convenient. Wood, steel, plastic and bituminous will be manually segregated and disposed through authorized recyclers or to the designated land fill.

The remaining waste will be segregated into 3 parts:

- (i) Whole bricks which will be manually segregated and can be used internally or sold for re- use
- (ii) Big concrete pieces
- (iii) Mixed C&D

All large sized (ii) & (iii) will be resized to 200mm-400mm size by mechanical and manual means.



(d) Processing

The big concrete pieces will be fed into Jaw/Horizontal shaft Impactor. The output of Crusher will be deposited on to a main conveyor through feeders. The main conveyor shall discharge the C&D Waste to a manual inspection conveyor at elevated level. From the slow moving inspection conveyor, all the unwanted objects shall be hand-picked at the manual separation station. These will be mostly large textile pieces, large twigs and wooden pieces, thermocol, consumer durables and dropped into the respective chutes for collection and dispatch. The output will be fed into the input of the screening section for **wet processing**. The +53 mm output will be returned to Crusher through return Conveyor and processed again.

Mixed C&D: The waste will be feed into crusher which will further go to the vibro screen. All the materials less than 10 mm would be screened and fed into the main conveyor for wet processing (stage- II).

Wet Processing (Stage- II)

The wet processing of the C&D waste with the wet washing system will be as under:-

- (a) As described above, collected C&D waste will be first screened through Grizzly.
- (b) Oversized screened material will be collected in the hand sorting section where bricks and concrete are separated.
- (c) Segregated bigger size concrete boulders as well as mixed concrete will be broken with help of rock breaker. Further size reduction will be done with the help of processing machines.
- (d) For the wet process a total set of machinery consisting of Jaw Crusher/ HSI, Vibro Screens, Washing unit, Thickener etc., that is capable of segregating sand from mixed C&D waste will be used.

Wet processing involves the following Steps:

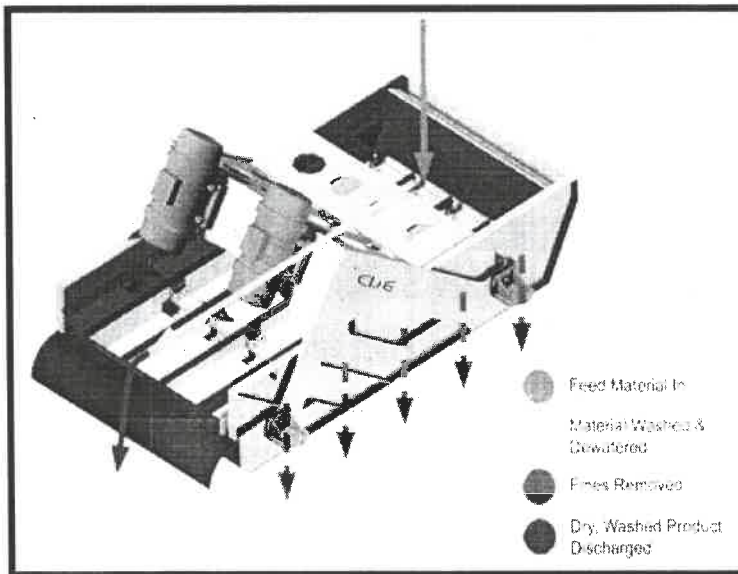
- **Fines Recovery**

This section employs the washing unit to produce material of sizes:

- 3mm to 10 mm aggregates
- 75 microns to 3 mm, which is recovered sand and
- below 75-micron sized material, which is fine soil/ silt

Washing unit consists of a screen for size separation and cyclone for extraction of -75 micron material. Washing unit also ensures reduction in moisture content of the input feed material. Silt is sent for further recovery to the water recirculation tank.

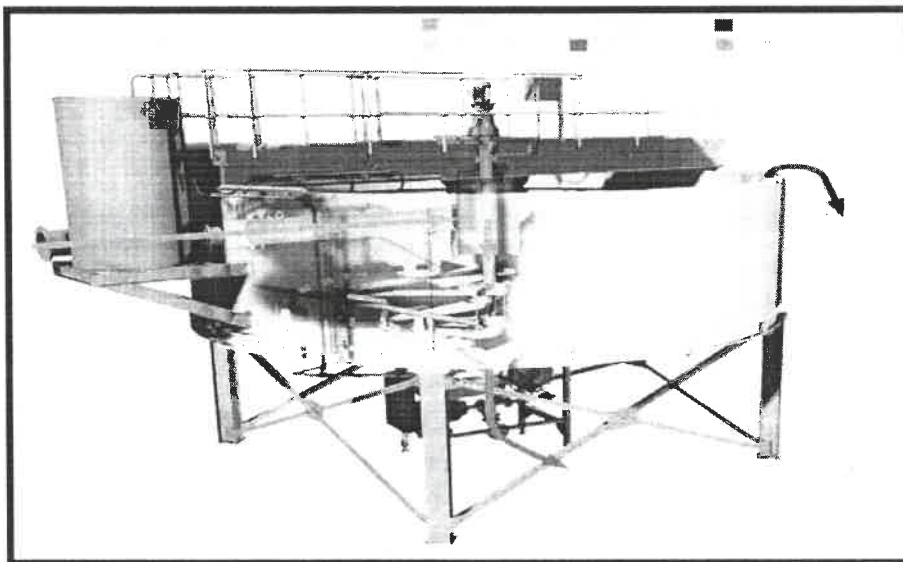




WASHING UNIT

- ***Water Treatment***

-75 micron material will be passed to Aqua Cycle Thickener where specifically chosen flocculant will be added to it in controlled quantities. This will lead to the formation of dense slurry. The water will be recycled.



WATER RECIRCULATION UNIT

- **Filter Press /settling tank**



Filter press separates the solid (soil/ silt) from the liquid (water slurry) so that the useful part (silt) can be processed, packaged and delivered to the next step. Filter Press will cake up to 90% dry solids which will be dropped into bay as final waste by squeezing water from sludge. This may be then used for brick making. Considering the short span of operation, options of setting of Sludge settling tank is also being explored/ considered. Slurry from the thicker will be allowed to settle in the settling tank. Two settling tank of different sizes and storage capacities will be made side by side. At one time one settling tank will be made operational.

3.4 Major Plant Equipment

PLANT MACHINERY		
PROCESSESING Line		
Grizzly	Screen for allowing - 53 mm sized material to pass.	
Recycler/ Crusher	Size reduction of +53mm fraction	
Feed Conveyor		
2/ 3 Deck Screen	3 sized screen for sieving of material	53mm to 20mm, 20mm to 10mm, -10 mm
Washing System	Screen and hydrocyclone	-10mm to 3 mm, 3mm to -75 micron
Cabin with Electricals and PLC	For overall automation of the Wet Processing System	
4 Sets of Stockpile Conveyors		
51	This consists of rinsing screen for screening of material of sizes: <ul style="list-style-type: none"> • -3mm to 75 micron • -75 micron 	
Washing Screen – Pre Screen with Sump		
Washing Screen – Trash Screen		
Sump and Pump		
All Interconnecting Pipe Work		
Transfer Conveyor		
Additional Equipments (C)		



Impactor, if required		
Connecting Conveyors		
Settling Tank		
Mobile Equipments (D)		
JCB	2 Nos	One JCB to be provided with pin breaker attachment
Excavators		
Water Tankers (E)		

3.5 Plant Electrical Distribution

The electricity requirement for the project is approximately 300 KVA. The electricity connection will be provided by the NDPL (Tata Power) to the project site. A 250 KVA generator set will be used by the concessionaire as power back up, keeping in view the current power situation in the area. The approximate breakdown of power requirement at the project site is as under:

- Crushers – 110 KVA.
- Wet Washing Plant – 90 KVA.
- Casting and Administrative Areas – 15 KVA.

3.6 Plant Civil Works

Machine selection has been done in a way where requirement of civil foundation is minimum. Unit can be installed on concrete slabs.

Equipment Foundations

The foundation design will take into considerations all the loads from the machine including dynamic loads as per the manufacturer's loading data. The design and construction will be done as per provisions laid down in IS:2974, IS:456 and IS:2911. The Grade of concrete for the complete foundation including the top deck shall be atleast M-25 as per IS 456. The HYSD reinforcement steel bars shall conform to IS:1786.

Detailed static and dynamic analysis shall be done for the equipment foundation. The static analysis shall include all the operating condition loads as well as abnormal loads. A fatigue factor of at least 2 shall be considered for all dynamic loads. The mass of the foundation block shall be not less than three times the mass of the machine.

Dynamic analysis shall be carried out to calculate the natural frequency and mode shapes and to evaluate the dynamic response of the foundations to the applied dynamic loads. Unbalance loads for the normal operating conditions as given by the manufacturer or VDI 2060, whichever is more conservative, shall be used for calculating the dynamic response.



All necessary provisions by way of cut-outs, embedment, and foundation bolt assemblies shall be incorporated into the foundation block to meet the functional requirements.

Static Equipment Foundations

All the static equipment foundations shall be constructed with cast-in-situ reinforced concrete. All foundations shall be extended to a depth, which conforms to the allowable bearing pressure of the soil.

The design of foundations will take into account all the loads from the equipment as per the equipment manufacturer's loading data. The design and construction will be done as per provisions laid down in Indian Standards. The grade of concrete shall be at least M-20. The HYSD reinforcement steel bars shall conform to IS:1786. The design of foundations shall be carried out by Limit State Method.

All necessary provisions by way of cut-outs, embedments, foundation bolts assemblies shall be incorporated into the foundation block to meet the functional requirements. The foundations will be isolated from building foundations and superstructures.

Buildings

All buildings will be designed and constructed as per applicable IS codes. Loads shall be calculated based on IS:875 and Earthquake loads shall be as per IS:1893. The analysis and design of structures shall be carried out by Limit state method and by using standard computer programs as per technical specifications and Indian Standards and using reinforced concrete (Grade of concrete M-20) & HYSD reinforcement steel bars conforming to IS:1786. The buildings shall be designed to suit the climatic conditions of the region. Roofs of all the buildings shall be weatherproof and leak-proof under all conditions. Proper drainage arrangement will be made and these are connected to main storm water drains. All buildings shall be provided with suitable approach roads connecting to main plant roads. The buildings will be properly ventilated and illuminated to meet their functional requirements.

Roads and Pavement

New roads proposed within the plant shall be double lane concrete roads All the roads shall be designed to withstand the largest expected loads.

The sub grade shall be compacted to the levels, falls, widths and cambers as per the grade requirements. Sub base will be laid on a prepared sub grade. Base and final road surfacing shall be of bitumen macadam.

Paving areas shall be properly graded and compacted to required grade and slopes before providing the base layer. Reinforced concrete paving (grade M 15) shall be done in alternate panels.

Surface Drainage

All the paved and unpaved areas shall be adequately drained. The surface drainage system shall be designed for surface washings and/or rain/fire water as the case may be.

Plumbing and Sanitary System



Plumbing and sanitary system shall serve all toilets, showers, bathrooms, kitchens and laundry room. Wherever possible all discharge pipes shall be fully vented. The design, installation, testing and maintenance of all plumbing systems & sanitary appliances shall comply with latest Indian Standards.

All urinals and water closets shall have flush valves. The minimum acceptable mounting height of a shower head shall be 1.8 m from the finished shower floor.

3.7 Water Availability

The approximate water requirement for the project is approximately 20 KL per day. The consumption of water will be as follows:

- Wet process system– 12 KL per day make up water.
- Administrative water requirement - 4 KL per day.
- Sewage treated water will be sourced from in-house demonstration model project/ nearby Sewage Treatment Plant on a daily basis for the project. **DTS technology based treatment plant shall be operative within forty five days**
- A pit will be made by the concessionaire at the site for temporary storage of sludge/waste water, if any from the process.
- The concessionaire will make suitable arrangements for transfer of the waste water, if any to the disposal site.
- 80% of the water is being consumed for operational purposes and dust mitigation including horticulture usages. Of this, the wet process system consumes 70 % of the total water being utilized.
- 20% of the water consumption is for administrative purposes and sprinklers.

3.8 PROJECT IMPLEMENTATION

The implementation of the C&D Waste Processing Facility plant of 400 TPD nominal capacities is planned to be executed within one month from the date of approval of the detailed project report. As this is a project with all clearances in place, the implementation could proceed without any delay. A good planning, scheduling and monitoring program are imperative to complete the project on time and without cost overruns.

The first step to be taken in the execution of the project is the constitution of an appropriate project organization, which would be responsible for the execution of the project without any cost or time overruns. The development and the size of the project organization must be based on the tasks that need to be performed in the project. For this project, the following are the identified important phases. These phases are not mutually exclusive and some degree of overlapping is envisaged.



- Appraisal of the Detailed Project Report
- Planning.
- Tendering and Placing Orders for Various Machines and Equipments.
- Project management and Cost control.
- Construction Phase.
- Commissioning and performance testing

Once the Project Report is appraised, the planning of the site can be started with a time frame attached to it. The basic planning of the site with planning and positioning of each equipment/machine with facility is done.

Once the Planning is done, PMC is called in the process and the Material requirements with Technical specifications are planned. With that in place, the Tendering process can start for various machines and equipments.

Preparation of the Tender Specifications, obtaining offers from qualified bidders, technical and commercial evaluation of offers, finalization of the vendor, formulation of the contract agreement, contract reviews, vendor drawing review and approval etc. are the major activities. The scope of the vendors identified and finalized will be the design and engineering, procurement, manufacturing, inspection, testing, transportation to the site, installation and commissioning of the respective packages.

The construction phase is the critical phase of the project where work progresses in almost all the fronts. The erection and commissioning phase of all the contracts proceed simultaneously and it is important to ensure that the various contractors have adequate facilities and are established on the site in time to meet their programmed commitments. Adequate power and water shall be made available for the construction.

The commissioning phase in a project is the one where the design, manufacturing, erection and quality assurance expertise are put to test. The commissioning team for each plant will consist of representatives from the contractor / supplier, consultant and the Company. As discussed earlier, it is essential to associate the staff identified to operate the plant in the commissioning stage itself.

When construction work is complete, the checklists, designed to ensure that the plant has been properly installed and appropriate safety measures have been taken are gone through and all the documentation pertaining to the statutory inspections and approvals are presented, the commissioning team shall take over. The commissioning team will follow scrupulously the commissioning and operating instructions laid down by the plant & equipment manufacturer/supplier, to prove that the plant/equipment is in every respect, fit for service. The plant shall be subjected to a performance test, after the stipulated trial operation and the reliability run. After the successful completion of the performance test the plant will be taken over by the Company.



The following table gives the overall project schedule in the form of a bar chart. This schedule envisages the project commissioning in about one to two months from the Land Handing over Date (subject Consent to Establish).

Task	Weeks					
	1	2	3	4	5	6
Obtaining CTE & other environmental clearances, if any, Project Design & Planning	■	■	■			
Finalization of civil contractors and machinery suppliers	■	■	■			
Procurement of machineries , equipment and installation			■	■		
Commissioning, trial runs and submission of application for Consent to operate				■	■	
Commercial Production						■



CHAPTER 4

Project Cost Detail

4.1 Project Cost

The cost of the project including site development, building, civil works, plant, equipments, auxiliaries, etc. are given below.

Sl. No.	Capital Expense Head	Cost (Rs. Lkhs)
1	Site Development and foundation work	34
2	Vehicles	39
3	Environmental Protection Kit, Plant & Machinery & Dust Suppression Mechanism	78
4	Miscellaneous & office equipment, compute hardware and software	2.75+1.75+1.1
5	Furniture and fixtures	4.5
6	Contingencies & Working Capital	9.5
7	Demonstration 35 KL Sewage treatment plant	29.4
	Total	200

4.2 Means of Finance

The project has been structured as a Public Private Partnership and is proposed to be bid out on a HYBRID model which would include arrangement of capital funding requirements of the project by the successful bidder on equal share basis i.e. one Crore each by **concessionaire** and Ghaziabad Nagar Nigam.

4.3 Operating Expenses

The operating expenses for the project have been worked out based on the expenses being incurred in typical, similar projects. These may vary from one operator to another. However, it is necessary to calculate this so as to understand the cost economics of the project and to



arrive at possible requirement of tipping fee for the project, if any. The annual operating cost at 50% capacity utilization is given below:

Sl. No.	Operating Expense Head	Cost/Annum (Rs. lakhs.)
1	Raw Material (cement, etc.)	22
2	Consumables (fuel, mould, etc.)	34
3	Utilities (elect. & water)	34
4	Repair & Maintenance	26
5	Reject Disposal	5
6	Hiring Charges	34
7	Salary & Wages	72
8	Administrative Overheads	22
9	Misc. Expense	18
	Total	267

4.4 Financial Expenses

Considering a debt recovery period of 03 years and an annual interest rate of 13%, the average annualized financial burden on the project is expected to be Rs. 68 lakhs per annum.

4.5 Expected Revenue

The revenue is expected to be from the sales of a mix of products kerb stones, pavement blocks, sand, etc. This would be governed essentially by the demand in the market for the product and the ruling prices. However, in the interest of understanding the cost economics of the product, feedback has been taken from various users, vendors, contractors, etc. to arrive at a possibly realistic scenario.

Revenue mix	Rate (Rs.)	Sales/Yr.	Revenue (Rs. lakh)
Pre cast Products	4000/cum	500 cbm	20
Loose Soil	50/MT	65000 ton	3.25
Loose Bricks	1300/MT	4,000 ton	52
Total			75.25



CHAPTER 5

Environmental Management Plan

The management plan for the project will include, Environment Management Plan (EMP), Disaster Management Plan (DMP) and Risk Mitigation Measures.

5.0 Environmental management Plan

The purpose of the Environment Management Plant (EMP) is to mitigate potential emissions from various activities associated with the processing facility. This includes understanding and incorporating mitigation measures by the designers and the contractors to ensure that the emissions at site boundary are within the required UPPCB and PPCB limits.

The EMP will adhere to the guidelines stipulated in the “MSW (Handling & Management) Rules 2000” of Ministry of Environment & Forest, Govt. of India and also the norms stipulated by CPCB and PPCB and other applicable law.

5.1 C&D Waste Handling & processing

5.1.1 Air Emissions

The unloading as well as processing of the waste would generate dust. These activities would be carried out with water sprinkling system so as to reduce such emissions.

5.1.2 Noise Pollution

The sources of noise pollution include truck traffic, crushers, wet processing systems. Where necessary, enclosures would be provided to ensure that noise levels do not exceed the prescribed standards (85 dBA at 1 m distance from the equipment). For the workers' safety earplugs would be provided and equipments would be maintained to ensure optimum working conditions.

5.1.3 Moving Equipments

There are a large number of moving equipment in the Processing Plant and accidental occurrences can take place in few of the equipment, as mentioned below:

- Crusher: - During operation, the hammers may get broken and come out with high velocity. These can cause accidents. To avoid these, safety features will be built in the equipment design.
- Conveyors: - Although conveyors operate at low speed but can cause some accidents due to negligence of the operating personnel. For this suitable training will be imparted to all concerned.



- Drives: All moving parts like V-belts, tail end and head end pulleys, sprockets etc. will be covered using appropriate safety guards.

5.2 Other Precautionary measures

- All the workers handling C&D Waste will be provided with safety gears such as safety boots, gloves safety glasses and dust masks.
- Maintaining buffer zone and plantation around the facility.

5.3 Disaster management Plan

Emergency prevention through good design, operation, maintenance and inspection are essential to reduce the probability of occurrence and consequential effect of such eventualities. However, it is not possible to totally eliminate such eventualities and random failures of equipment or human errors, omissions and unsafe acts cannot be ruled out. An essential part of major hazard control has therefore, to be concerned with mitigating the effects of such Emergency and restoration of normalcy at the earliest.

The overall objective of a disaster management plan is to make use of the combined resources at the site and outside services to achieve the following:

- To localize the emergency and if possible eliminate it;
- To minimize the effects of the accident on people and property;
- Effect the rescue and medical treatment of casualties;
- Safeguard other people;
- Evacuate people to safe areas;
- Informing and collaborating with statutory authorities.
- Provide authoritative information to news media;
- Initially contain and ultimately bring the incident under control;
- Preserve relevant records and equipment for the subsequent enquiry into the cause and circumstances of the emergency;
- Investigating and taking steps to prevent reoccurrence

The DMP has therefore to be related to the identification of sources, from which hazards can arise and the maximum credible loss scenario that can take place in the concerned area. The plan takes into account the maximum credible loss scenario - actions that can successfully mitigate the effects of losses/ Emergency need to be well planned in a manner, where the requirement of effort is least.



5.3.1 Actuation of the Plan

Any emergency starts as a small incident that may become a major accident, if not controlled in time. At the initial stages, the fire organization chart shall need to be put into action. If the incident goes beyond control, the Main Incident Controller will need to actuate the on-site plan at the appropriate stage as considered necessary. During idle shift/ holidays, the security personnel will combat the incident as per the fire organization chart below and at the same time inform various emergency controllers for guidance and control the situation.

An organ needs to be drawn once the site is operational by appointing key personnel and defining their specific duties that will be handy in emergency.

5.3.2 Emergency Equipment

The site controller will maintain a list of emergency handling equipment including details of fire extinguishers, protective clothing, and personal protective equipment for emergency handlers etc. Details of fire management services of Delhi and neighboring hospitals will be available with site controller in his operating checklist.

5.3.3 Emergency Response

I. Actions in the Event of Fire:

Basic actions are detailed above.

- Extinguishing fires: A small fire at a point of leakage should be extinguished by enveloping with a water spray or a suitable smothering agent such as CO₂ or DCP. Firefighting personnel working in or close to un-ignited vapor clouds or close to fire, must be protected continuously by water sprays. Fire fighters should advance towards the fire downwind if possible- BE CAREFUL TO AVOID H₂S EXPOSURE.
- In case the only valve that can be used to stop the leakage is surrounded by fire, it may be possible to close it manually. The person attempting the closure should be continuously protected by water sprays, fire entry suit, water jet blanket and SCBAs etc. The person must be equipped with a safety belt and a manned lifeline. In case of rapid increase in decibel level, evacuate the area, as there would have been over pressurization.

II. Response Sequence for Dangerous Situations

A. Person noticing the fire should attempt to isolate and extinguish the fire with the available equipment and Inform or arrange to inform the leader/ senior representative regarding the

- Location of the fire
- What is burning
- The extent of fire



- Callers name and number
- Do not disconnect unless the person on the other side repeats the message or acknowledges it.

B. Security on duty coordinators will

- Respond to the scene of the incident
- Arrange to send the necessary firefighting equipment to the scene of the incident
- Extinguish the fire with the available equipment.

C. Security Officer will:

- Sound the Siren as per the Siren Code
- Inform the Site Main / Incident Controller and act as per his instructions
- To ensure gates are open to regulate traffic in such a way that free movement of outside assistance like fire tenders, ambulance etc. is available.

D. Security should cordon off the area and local city fire fighting staff should be notified.
The facility will have the firefighting water system but may not be equipped with staff to operate it. Local fire fighters may need to be notified.

E. All Other Management / Asst./Labor Staff on hearing the siren, should STOP their operations/ work, switch off lights, fans, engines, air conditioners etc., close pipeline valves and line up in front of their working places and meet at a pre-arranged location.
These people will assist in evacuating the residents if necessary.

III. Post Emergency Follow Up

- All cases of fire occurrence, no matter how small, must be reported promptly to the Coordinator for follow up.
- Under no circumstances should fire extinguishing equipment once used be returned to its fixed location before it is recharged/ certified fit by the Fire chief/ Safety Manager.
- Used fire extinguishers must be laid horizontally to indicate that they have been expended.

IV. Early Warning / Alarm System

An audible electric alarm (siren) should be located in the main gate. The different sounds that should be generated by the alarm are:

SMALL FIRE : No Siren



MAJOR FIRE:	A wailing Siren for two minutes. Sirens will be sounded three times for thirty seconds with an interval of 15 seconds in between
EMERGENCY:	Same type of Siren as in case of major fire but the same will be sounded for three times at the interval of two minutes.
ALL CLEAR (For Fire):	Straight Run Siren for two minutes.
TEST :	Straight run Siren for two minutes.

5.3.4 Emergency Control Centre (ECC)

The Control Room will be nominated as the ECC. At the time of the emergency On-site Controller assisted by other designated coordinators shall take position to perform their duties. The security office at the gate shall be the standby. The Emergency Control Center will be the focal point in case of an emergency from where the overall operations to handle the emergency are directed and coordinated. It will be located outside the area of potential hazards and easily approachable.

The Emergency Control Center should have the following resources available:

- Copies of the DMP
- Layout Plan of the complex.
- Information regarding Safety Equipment, Fire Fighting material
- A list of telephones of key and essential staff of the company along with their residential numbers.
- Copies of the local Telephone Directories.
- A list of important telephone numbers like those of neighboring industries, Fire Brigade, Hospitals etc.
- Personal Protective Equipment.
- First – Aid Kit.
- Communication equipment – Internal and External telephones and other communication equipment.
- Requisite stationary items.
- Personnel to act as messengers.



The communication equipment is checked periodically to ensure that they are functional. The ECC is capable of being activated within a few minutes upon declaration of an emergency.

5.3.5 Medical resources

The medical management for the possible emergency situations essentially consists of treatment for burns and maybe some asphyxiation cases. They could cause burns injuries.

Material Safety Data Sheets and other relevant information would also be available at the facility to enable ready treatment of any casualty, should the unfortunate need arise. It is also proposed to circulate any important Health and Toxicology material available through the latest research to all Doctors.

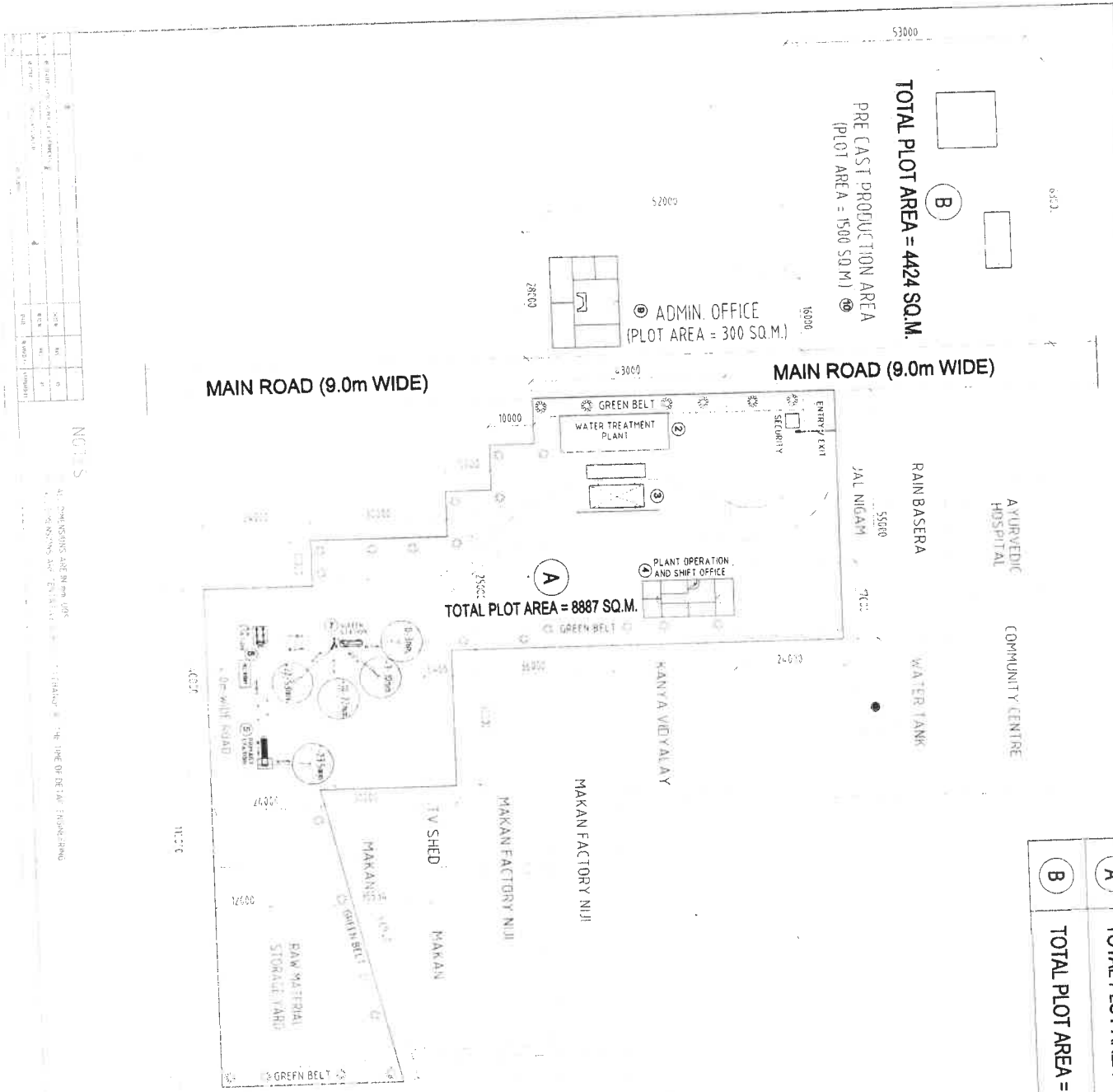
5.3.6 Response evaluation, testing and updating of the plan

Formulation of a Disaster Management Plan cannot possibly be an end by itself. It needs to be tested by holding of periodical mock emergency simulation and drill. Any shortcomings revealed during such exercise should thereafter be corrected by amending the plan. The plan should be for times to come; hence, it must be reviewed at periodic intervals. The plan should be also reviewed and updated when:

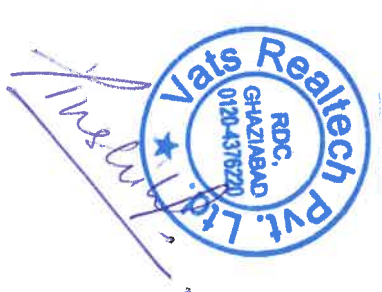
- Major alteration or extension of plant is carried out.
- Major change in habitation or land use of the neighborhood takes place.
- Important telephone numbers used are altered, facilities are changed.

Mock drills activating the Disaster Preparedness Plan will be conducted periodically for ensuring its efficiency during emergency as well as for refinement and updation. These drills based on the plan will help achieve its objectives.





A	TOTAL PLOT AREA = 8887 SQ.M.	TOTAL OCCUPIED AREA = 2152 SQ.M.
B	TOTAL PLOT AREA = 4424 SQ.M.	TOTAL OCCUPIED AREA = 1800 SQ.M.



Sl. No	DESCRIPTIONS	MATERIAL	QUANTITY	REMARKS
1	PRE CAST PRODUCTION AREA	15x20 m	1500 Sq m	
2	ADMIN. BLOCK	15x20 m	300 Sq. m	
3	SCREEN STATION	CAP - 100ph		
4	JAW STATION	CAP - 50ph		
5	PRIMARY STATION	CAP - 100ph		
6	PLANT OPERATION & SHIFT OFFICE	8x20 m	160 Sq m	
7	WEIGH BRIDGE	8x25 m	200 Sq m	
8	WATER TREATMENT PLANT	8x24 m	192 Sq m	
9	CRUSHER PLANT AREA (DRY)	40x40 m	1600 Sq m	
10	COVERED AREA			

Sl. No	DESCRIPTIONS	MATERIAL	QUANTITY	REMARKS
1	SCREEN STATION	CAP - 100ph		
2	JAW STATION	CAP - 50ph		
3	PRIMARY STATION	CAP - 100ph		
4	PLANT OPERATION & SHIFT OFFICE	8x20 m	160 Sq m	
5	WEIGH BRIDGE	8x25 m	200 Sq m	
6	WATER TREATMENT PLANT	8x24 m	192 Sq m	
7	CRUSHER PLANT AREA (DRY)	40x40 m	1600 Sq m	
8	COVERED AREA			

LAYOUT PLAN VIEW OF
SOUPH CRUSHING & SCREENING PLANT
2-018-50-01



NOTE

128

PROJECT:

PROJECT NAME: [REDACTED]
 PROJECT ADDRESS: [REDACTED]

LANDSCAPE DESIGNING

DATE: [REDACTED]

BY: [REDACTED]

FOR: [REDACTED]



M PLUS ARCH

Address: [REDACTED]
 Phone: [REDACTED]
 Email: [REDACTED]

A. [REDACTED]

C. [REDACTED]

Created By: [REDACTED]

Date: 24-11-2018

Scale: 1:100

M PLUS ARCH

(I.S.O. 9001, 14001, 18001 परमाणु प्रमाणित)

12 A बर्द पत्नीर अर्द्धशिया बुलवाड, आर०डी०सी० राजनगर, गाडियाबाद, उ०प्र०।

2018-19 / 31070310

निम्न:- 400 टी0पी0डी0 का रकम एवं रि-साइकलिंग प्रयत्न सुविधा प्रदान करने हेतु।

उपरोक्त विषयक संदर्भ में नगर निगम गाजियाबाद द्वारा मैसर्स वलस रिपलटंक प्रा० लि०, गाजियाबाद को 15 वरू के लिए स्थिति स्थापन एवं प्रचालन हेतु संपादन किया गया है। मैसर्स वलस रिपलटंक प्रा० लि०, गाजियाबाद के साथ नगर निगम गाजियाबाद द्वारा दिनांक 07.12.2018 को अनुबंध कर लिया है। नगर निगम गाजियाबाद द्वारा उपरोक्त विषय स्थिति की स्थापना करंटेशन एण्ड डेमोलिशन वेस्ट मैनेजमेंट कंलस-2016 के अन्तर्गत किया जा रहा है।

ॐ नमो भगवते वासुदेवाय ।

उपरोक्त के संबंध में नगर आयुक्त महोदय के आदेश दिनांक 08.12.2018 के क्रम में मान-एकता में जोड़े

$\chi^2_{(1)} = 172$ $\chi^2_{(1)} = 0.0890$ $\chi^2_{(1)} = 173$ $\chi^2_{(1)} = 0.1140$ $\chi^2_{(1)} = 182$ $\chi^2_{(1)} = 0.0250$ $\chi^2_{(1)} = 389$

χ^2 0.0899 \hat{E}_0 , χ^2 0.3160 \hat{E}_0 , χ^2 0.1390 \hat{E}_0 , χ^2 0.176 χ^2 0.

1140	₹0.4070-177	₹0.4070-180	₹0.3290	₹0.4070-181	₹0.0510
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80,4070-183 रकबा 0.0630 80,4070-382/1 रकबा 0.1260 80,4070-382/2 रकबा 0.1640 80,

$\bar{X}_{0.10} = 383$ रकबा 0.1770 हो, $\bar{X}_{0.10} = 390$ रकबा 0.0760 हो, $\bar{X}_{0.10} = 393$ रकबा 0.3670 हो, फल 16 छहल

नगरपालिका कार्यालय, काठमाडौं, नेपाल

की धानी की टकी, कच्चा विद्यालय एवं रास्ता बना हुआ है, को खर्चकर ~~रु. 13796~~ रु. 13796 एवं भादर गाँव की

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विषयक कागजों, निम्नलिखित प्रमाण-पत्रों का प्रस्तुत करना आवश्यक है-

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Կ 200 Լ/Ր ԼՈՑ ԿՈՒՆԵ ԿԵ ԲԿԿԵՑ % 30 Է ԼԱՆՔ ԲԱՆԻՔԻ Կ 3 ԼՈՐ ԻՔԿ ԼՈՐՆԵ ԿՈՒՆԵ ԲՆԸ

॥ कर्म मे विहितेन किया जायगा, जिससे आस-पास के बालबच्चे मे स्वच्छता मे बढ़ोतरी आएगी - १ अक्टू

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1. नगर आर्जक महोदय को सादर सूचना प्रेषित।
2. सूचना आगमना (निर्माण)।

अपर नार आशुकर
महेश्वर नार प्रविशाम

S. No.	Authorised PUC Centre Code	PUC Centre Name	Machine Type	RTO	PUC Centre Address	PUC Centre Approval Status	PUC Centre Status	Account created on
1	UP0140221	CHAUDHARY WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	SHOP NO. A-1 BALRAJ NAGAR,LONI ROAD GHAZIABAD,201102	Active	Active	01-Jan-2020
2	UP0140008	R.S.WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	HOUSE NO.286 SARSWATIVIHAR LONI GHAZIABAD,CARNATION AUTO INDIA PVT.LTD SHASHIBAD GHAZIABAD,201005	Active	Active	22-Mar-2019
3	UP0140294	CAPITAL CARS PVT LTD PRIME HONDA	Opacity Meter	UP14-Ghaziabad	CAPITAL CARS PVT LTD , ANSAL PLAZA MAIN LINK ROAD,,SAME,201010	Active	Active	17-Mar-2020
4	UP0140018	JAI BABA SHREE SHYAM GIRI PARYAVARAN SEWA SAMITI	Multi Gas Analyser,Multi Gas Analyser	UP14-Ghaziabad	E-1081,KHUSHHAAL PARK,NAGAR PALIKA PARISAD,GZB,HANS MOTORS,HERO WORKSHOP,P.NO.-07,LONI,GHAZIABAD,201102	Active	Active	26-Aug-2019
5	UP0140024	YADU WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	255,FLET,LG 2,SEC.-04,VAISHALI,GHAZIABAD,YADU FULES,IOCL,KH.-675 INDRAPURAM,GHAZIABAD,201001	Active	Active	02-Apr-2019
6	UP0140060	NATURE SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	C/O B.P. INDRAPURAM, PLOT NO-903,VAIBHAV KHAND, INDRAPURAM,201014	Active	Active	12-Apr-2019
7	UP0140175	JAI CHAND MUKHIYA HP FILLING STATION	Opacity Meter	UP14-Ghaziabad	LONI ROAD ,BHOPURA,GHAZIABAD,201102	Active	Active	29-Jul-2019
8	UP0140146	M/S GHAZIABAD AUTOMOBILES	Multi Gas Analyser	UP14-Ghaziabad	NEAR PWD INSPECTION HOUSE,G.T. ROAD GHAZIABAD,201001	Active	Active	04-Nov-2019
9	UP0140353	M/S SHRI RAM PARYAVARAN SUDHAR SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	KASRA NO.-381, MAHIUDDINPUR KANAWNI,DPS ROAD, INDIRAPURAM,201014	Active	Active	18-Dec-2020

10	UP0140072	KRISH PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO. RC 32 , PRAKASH NAGAR,KHORA COLONY GHAZIBAD,201003	Active	Active	22-Apr-2019
11	UP0140224	M/S SHRI RADHAY PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	M/S RAWATL KALAN KISAN SEWA KENDRA,IOCL, PETROL PUMP, MURADNAGAR, GHAZIABAD, U.P.,201206	Active	Active	08-Jan-2020
12	UP0140162	M/S MAYANK HP FILLING STATION	Opacity Meter	UP14-Ghaziabad	TEELA, SAHBAJPUR,LONI, GHAZIABAD,TEELA, SAHBAJPUR, LONI, GHAZIABAD,201301	Active	Active	04-Jun-2019
13	UP0140199	M/S DIKSHA WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S BAJAJ PRIME FUELS, HPCL PETROL PUMP,MORTA, MEERUT ROAD GHAZIABAD,201002	Active	Active	17-Dec-2019
14	UP0140289	M/S DHAWAL PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	M/S ROOPALI PETRO SALES,IOCL DEALER,VILL DUNDAHERA,VIJAY NAGAR,GHAZIABAD,201010	Active	Active	01-Jul-2020
15	UP0140012	SATNAM WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	304,AURANGABAD GADANA,AURANGABAD,DISTT.- GHAZIABAD,NARENDRA BOHARE HILLING STATION,IOCL, RAJNAGAR.GZB,201017	Active	Active	29-Mar-2019
16	UP0140285	M/S SHIV SERVICE STATION	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S SHIV SERVICE STATION, NH-24,PILKHUWA, DISTT- GHAZIABAD,201001	Active	Active	24-Jan-2020
17	UP0140371	SAIDHAM SUPER SERVICES SOLUTIONS PVT.LTD.	Multi Gas Analyser	UP14-Ghaziabad	3741 KUDIYA GARHI,IKLA ROAD,201001	Active	Active	22-Jan-2021
18	UP0140200	SHRI KRISHNA JAN KALYAN SAMITI	Opacity Meter	UP14-Ghaziabad	DAYA HP FILING STATION MAWAI VIJAYNAGAR GAZIABAD ,N-38 TEACHERS COLONY PRATAP VIHAR GAZIABAD,201002	Active	Active	21-Aug-2019
19	UP0140378	FAIR DEAL CARS PVT. LTD.	Opacity Meter	UP14-Ghaziabad	12/67, SAHIBABAD INDUSTRIAL AREA SITE-IV,DIST-GHAZIABAD, UTTAR PRADESH,201005	Active	Active	16-Feb-2021
20	UP0140383	SHREE SAI PRADUSHAN JANCH KENDRA	Opacity Meter	UP14-Ghaziabad	SHOP NO -278, MAIN LINK ROAD,VAISHALI GHAZIABAD, UP,201019	Active	Active	05-Mar-2021
21	UP0140363	AMBE PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	HINDON HONDA, POLT-I 89, MEERUT ROAD,DIST-GHAZIABAD, UTTAR PRADESH,201001	Active	Active	14-Jan-2021

22	UP0140326	CHIRAG WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	SUNDAR AUTO SERVICE, SHOP NO-R/13,KB-4, A.L.T ROAD,RAJNAGAR, DIST-GHAZIABAD,201001	Active	Active	24-Aug-2020
23	UP0140038	POLLUTION FREE WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	M.R HYUNDAI,LONI ROAD,GHAZIABAD,M.R HYUNDAI,LONI ROAD,GHAZIABAD,201102	Active	Active	20-Nov-2019
24	UP0140232	BR WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	GAYLORD GUEST HOUSE MEERUT DELHI ROAD GHAZIABAD,GAYLORD GUEST HOUSE MEERUT DELHI ROAD GHAZIABAD,201202	Active	Active	11-Sep-2019
25	UP0140329	M/S MAA VAISHNO PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	C/O M/S GHAZIABAD PETROLIUM COMPANY,7TH MILE STONE, DELHI-MEERUT ROAD,201010	Active	Active	06-Oct-2020
26	UP0140245	M/S MOHAN KALRA SERVICE STATION	Opacity Meter	UP14-Ghaziabad	M/S MOHAN KALRA SERVICE STATION, MAIN WAZIIRABAD,ROAD, BHOPURA, GHAZIBAD,201102	Active	Active	23-Sep-2019
27	UP0140213	SATNAM WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	GAURI SHIVAAY PETROLEUM,HPCL PETROL PUMP KHASRA NO,829 RAJNAGAR EXTENSION GHAZIABAD,201002	Active	Active	29-Aug-2019
28	UP0140114	KANISHKA PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	KHASRA-1207,A-6,NEAR ICON HOSPITAL,KHAJURI-PUSTA ROAD,LON GHAZIABAD,110084	Active	Active	05-Dec-2019
29	UP0140261	M/S NATURE WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S DAUJI SERVICE STATION, I.O.C.L. DEALER,HAPUR ROAD, GHAZIABAD,201003	Active	Active	29-Nov-2019
30	UP0140254	SHREE Bhole NATH PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	FLAT NO 3, G.F. TULSI NIKETAN, COLONY, BHOPURA,GHAZIABAD UP,201005	Active	Active	14-Nov-2019
31	UP0140171	M/S CNL AUTOMOBILES	Multi Gas Analyser	UP14-Ghaziabad	B.P.C.L. DEALER, SHAKTI KHAND-IV, INDIRAPURAM,GHAZIABAD,201014	Active	Active	01-Nov-2019

32	UP0140048	M/S MAA VAISHNO PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S TIRUPATI RELIANCE AGENCIES, RELIANCE PUMP,37 MILESTONE, NH- 58, SADABAD, MODINAGAR, GHAZIABAD,201206	Active	Active	10-Aug-2020
33	UP0140066	EROS PARIYAVARAN SIMITI	Opacity Meter	UP14-Ghaziabad	ASHOK VIHAR MAIN ROAD.OPP- RAMPARK BUS STOP LONI GZ,ASHOK VIHAR MAIN ROAD OPP- RANPARK BUS STOP LONI GZ,201102	Active	Active	21-Nov-2019
34	UP0140272	OM PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	OM HONDA AUTOMOBILE DELHI- SAHARANPUR ROAD NREA ,FREEDOM GAS AGENCY BALRAM NAGAR LONI, GHAZIBAD UP,201102	Active	Active	17-Dec-2019
35	UP0140286	M/S VINOD MOTORS	Multi Gas Analyser	UP14-Ghaziabad	KHASRA NO. 281/2, NEAR PWD INSPECTOR HOUSE,G.T.ROAD,201001	Active	Active	26-Jan-2020
36	UP0140379	M/S SHIVA RIDERS	Multi Gas Analyser	UP14-Ghaziabad	B-4,PATEL NAGR, II, DELHI-MEERUT ROAD,GHAZIABAD, (U.P.),201001	Active	Active	22-Feb-2021
37	UP0140258	GAURAV JAN KALYAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	SUMAN PETROLIUM LINK ROAD VAISALI GAZIABAD,822 PASHONDA GAZIABAD,201005	Active	Active	19-Dec-2019
38	UP0140359	ANIRUDH PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	KHASRA NO-3709/1, PASONDA, LONI ROAD,MOHAN NAGAR, DIST- GHAZIABAD, UTTAR PRADESH,201005	Active	Active	29-Dec-2020
39	UP0140370	SHIVANI PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	SHOP NO-01, B-7, ROOP NAGAR INDUSTRIAL AREA, LONI, DISTT- GHAZIABAD, UP,201102	Active	Active	20-Jan-2021
40	UP0140253	RADHA SWAMI PARYAVARAN SEVA SAMITI	Opacity Meter	UP14-Ghaziabad	SHOP NO.1 JASSI GARHI LONI NEAR PUSTA CHOWK ,NISHANT COLONY GHAZIABAD.UP,201102	Active	Active	08-Nov-2019
41	UP0140098	M/S KANHA WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S BAJAJ MOTORS, HPCL PUMP,HAPUR ROAD, GHAZIABAD,201001	Active	Active	16-Jul-2020
42	UP0140303	MANGE RAM ENTERPRISES PVT. LTD	Multi Gas Analyser	UP14-Ghaziabad	LONI ROAD, OPP. SHALIMAR GARDEN ,SAHIBABAD, DIST- GHAZIABAD,201005	Active	Active	15-Jun-2020

43	UP0140357	TOMAR PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	KHASRA NO.-422, VILL-DHAROTI KHURD, D BLOCK,LAXMI GARDEN EXTN.II, TEH.-LONI, DIST-GHAZIABAD,201102	Active	Active	28-Dec-2020
44	UP0140380	JAI MAA SATYA WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	VAISHALI FILLING POINT, DEALERS IOCL, SEC-3, ,VAISHALI, GHAZIABAD, UTTAR PRADESH,201010	Active	Active	23-Feb-2021
45	UP0140134	M/S NATIONAL FILLING STATION	Multi Gas Analyser	UP14-Ghaziabad	M/S NATIONAL FILLING STAION,DELHI ROAD,MODINAGAR DISTT GHAZIABAD(UP),201204	Active	Active	12-Sep-2019
46	UP0140188	KIRANRAJ SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO 2 LINK ROAD,1/F, MANDI, GHAZIABAD,UP,201001	Active	Active	06-Dec-2019
47	UP0140291	M/S PREETI WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S PRAKASH INDIAN OIL, DEALER,NEAR BUS STAND, MURADNAGAR, GHAZIABAD,201206	Active	Active	26-Feb-2020
48	UP0140192	SHIVANI PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	A-9 LAXMI GARDEN MAIN LONI ROAD,GAZIABAD,201102	Active	Active	19-Jun-2020
49	UP0140195	M/S DEV SHIKHA PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S SONA FUEL CENTER, BPCL PETROL PUMP,GOVINDPURAM, HAPUR ROAD, GHAZIABAD, (U.P.),201013	Active	Active	14-Dec-2019
50	UP0140183	M/S VIJAY SALES AND SERVICE	Opacity Meter	UP14-Ghaziabad	M/S VIJAY SALES AND SERVICE, 199, MODEL TOWN,G.T.ROAD, GHAZIABAD,201009	Active	Active	03-Dec-2019
51	UP0140262	M/S M.S.PARYAVARAN SAMITI, VILL- CHIRODI, GHAZIABAD	Opacity Meter	UP14-Ghaziabad	C/O M/S M.S.SERVICE STATION, BANTHALA DHIKOLI ROAD,VILL- CHIRODI, GHAZIABAD,201102	Active	Active	29-Nov-2019
52	UP0140373	ANKUR AUTO SALES & SERVICES PVT.LTD	Opacity Meter	UP14-Ghaziabad	41,HARBANS NAGAR,DEHLI-MEERUT ROAD,GHAZIABAD,201001	Active	Active	27-Jan-2021
53	UP0140292	M/S. KRISHAN MURARI FILLING STATION	Multi Gas Analyser	UP14-Ghaziabad	NEAR INDIAN LPG BOTTELING PLANT, VILLAGE BANTHLA,LONI, GHAZIABAD, UTTAR PRADESH,201102	Active	Active	12-Mar-2020

54	UP0140361	SHALU PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	KRISHNA AUTOMOBILES, ADD-101, SHIV MADIR, LAL KAUN, G.T. ROAD, DIST-GHAZIABAD, UTTAR PRADESH, 201009	Active	Active	31-Dec-2020
55	UP0140044	M/S NATURE SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S SUN LEASING LIMITED DEALER RELIANCE, PLOT NO-35, HARBANS NAGAR, MEERUT ROAD, GHAZIABAD, 201003	Active	Active	13-Nov-2019
56	UP0140096	M/S SRI RADHEY PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	C/O M/S SHARMA FILLING STATION, MAVAI, BHIM NAGAR, NH-24, GHAZIABAD, 201009	Active	Active	04-Nov-2020
57	UP0140351	SHREE MAHESH WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	KH.NO-330 DHARGAL NAYRA ENERGY LTD ESSAR OIL PUMP,, LTD NEAR FLYOVER RAJNAGAR GHAZIABAD U.P, 201017	Active	Active	18-Nov-2020
58	UP0140318	CHAUDHARY PARYAVARAN SANSTHAN	Opacity Meter	UP14-Ghaziabad	SHOP, NO.- 1, NEAR BPCL PETROL PUMP, NANU, MANDOLA GHAZIABAD, (U.P) 201102, 201102	Active	Active	31-Jul-2020
59	UP0140295	SHRI GANESH JAN KALYAN SAMITI	Opacity Meter	UP14-Ghaziabad	RAM AVTAR TYAGI FUELS, PLOT NO-B1, B2, MASSOURI, GULAOTHI ROAD (N.T.P.C ROAD) UPSIDC IND AREA, 201015	Active	Active	20-Mar-2020
60	UP0140334	KRISHAN PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	KHSRA NO-2900, KARHERA LONI ROAD, NEAR PETROL PUMP, MOHAN NAGAR, GHAZIABAD, 201007	Active	Active	22-Sep-2020
61	UP0140331	PANKAJ SAGAR PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	M/S NEW INDIA CNG CENTER, KHATA NO-1740, KHASRA-512, 513 & 514, VILL-PASONDA, PARGANA-LONI, GHAZIABAD, 201005	Active	Active	22-Sep-2020
62	UP0140346	M/S SWARGIYA SMT SURAJWATI WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S SINGH SERVICE STATION, B.P.C.L. DEALER, G.T. ROAD, GYANI BORDER, SAHIBABAD, GHAZIABAD, 201001	Active	Active	03-Nov-2020
63	UP0140116	JAI DURGE PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	K.D-123, KALADHAM,, KAVINAGAR, GHAZIABAD, 201002	Active	Active	01-Dec-2019

64	UP0140300	ACHHWAN WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	B- 168, VIKRAM ENCLAVE EXT.,GAZIABAD (U.P),201005	Active	Active	15-Jun-2020
65	UP0140040	BHAGWATI PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	C/O MOHAN NAGAR SERVICE CENTRE,MOHAN NAGAR , GHAZIABAD,201007	Active	Active	09-Dec-2019
66	UP0140243	M/S HINDON FILLING CENTRE	Multi Gas Analyser	UP14-Ghaziabad	M/S HINDON FILLING CENTRE, NEAR NEW BUS STAND,G.T.ROAD, GHAZIABAD, U.P.,201002	Active	Active	09-Jan-2020
67	UP0140130	M/S SUBHAM AUTO MOBILES	Multi Gas Analyser	UP14-Ghaziabad	M/S SUBHAM AUTO MOBILES,10/5&6,MEERUT ROAD,INDUSTRIAL AREA,GHAZIABAD(UP),201003	Active	Active	08-Jan-2020
68	UP0140178	M/S MOHAN SHIVA SERVICE STATION	Multi Gas Analyser	UP14-Ghaziabad	MAIN WAZIRABAD ROAD, BHOPURA,GHAZIABAD,201005	Active	Active	26-Oct-2019
69	UP0140317	M/S CHIRAG WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO.-1, BAGGA BHAWAN,NEAR-SHAHEED NAGAR, METRO STATION G.T. ROAD ,201005	Active	Active	22-Jul-2020
70	UP0140280	M/S JANKINATH FILLING STATION	Opacity Meter	UP14-Ghaziabad	1-SANJAY NAGAR,DISTT CENTRE GHAZIABAD (U.P.),201003	Active	Active	31-Dec-2019
71	UP0140266	R.S. WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	CARNATION AUTO INDIA PVT.LTD 28/1/2, 1/3,,SITE-4, INDUSTRIAL AREA SAHIBABAD,GHAZIABAD UP,201010	Active	Active	06-Dec-2019
72	UP0140336	M/S NATURE SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	M/S KAMAL MOTORS,NEAR K.W. DELHI-06 MALL,,RAJNAGAR EXTENSION, MAIN ROAD, DISTT- GHAZIABAD,201017	Active	Active	19-Oct-2020
73	UP0140306	SHARMA WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO-1,PLOT NO-7,KH NO-420,INDRAPURI EXT,GHAZIABAD LONI U.P,201102	Active	Active	26-Jun-2020
74	UP0140223	M/S S.G. FILL POINT, I.O.C.L. DEALER	Multi Gas Analyser	UP14-Ghaziabad	M/S S.G.FILLI POINT, I.O.C.L. DEALER, ,NYAY KHAND-1, INDRAPURAM, GHAZIABAD U.P.,201014	Active	Active	09-Sep-2019
75	UP0140342	KAUSHIK WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	STOR NO-2,PLOTE NO-231,SHALIMAR GARDEN,MAIN GHAZIABAD (U.P),201005	Active	Active	03-Nov-2020

76	UP0140366	DARSH PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	MODERN SERVICE STATION, OPP. MODI TEXTILE MILLS,MODINAGAR, DIST-GHAZIABAD, UTTAR PRADESH,201204	Active	Active	18-Jan-2021
77	UP0140126	SHRI GANESH JAN KALYAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	H.N.-121 SHANTI NAGAR-2 VIJAYNAGAR GHAZIABAD,RAMAVTAR TYAGI FUELS BPCL B1 B2 UPSIDC GHAZIABAD,201009	Active	Active	08-May-2019
78	UP0140282	M/S RAVI JANKALYAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S RAJDRASS HIEGHTS, HPCL PETROL PUMP,SEC-9, VAISHALI GHAZIABAD,201004	Active	Active	13-Jan-2020
79	UP0140034	SHARMA PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	SARASWATI VIHAR,LONI,GHAZIABAD,S.NO.-04,DEHLI ROAD DASNA,NH24,GHAZIABAD,201015	Active	Active	25-Nov-2019
80	UP0140062	BHAGWATI PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	C/O PRATEEK FUEL STATION,CROSSING REPUBLIC,N.H.24,DUNDAHERA,GHAZIABAD,201016	Active	Active	10-Dec-2019
81	UP0140211	AMBE PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	GUPTA SERVICE STATION I.O.P. MURADNAGAR GAZIYABAD,185 RADHA COLONY LAL KAUN GAZIABAD,201001	Active	Active	24-Dec-2019
82	UP0140368	GALAXY WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	M/S B.P. 24, (DEALER BPCL), ADD NH-24, VIJAY NAGAR, DISTT GHAZIABAD, UP ,201009	Active	Active	19-Jan-2021
83	UP0140070	M/S MAA VAISHNO PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	C/O M/S GHAZIABAD PETROLEUM COMPANY,,DELHI-MEERUT ROAD, GHAZIABAD,201003	Active	Active	10-Aug-2020
84	UP0140239	VIVEK PARYAWARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	SHUBHAM FILLING STATION NIWARI,MODINAGAR GHAZIABAD U.P.,201310	Active	Active	01-Jan-2020
85	UP0140337	PUNEET PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	A.U.MOTORS PVT.LTD-54/18 SITE IV INDUSTRIAL AREA ,SAHIBABAD GHAZIABAD ,201010	Active	Active	21-Oct-2020

86	UP0140302	M/S CHAUDHARY VEDPAL H.P. CENTRE, H.P.C.L. DEALER	Opacity Meter	UP14-Ghaziabad	MODINAGAR,HAPUR ROAD, GHAZIABAD,201001	Active	Active	15-Jun-2020
87	UP0140265	RUDRA SOCIAL WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	ANAND FUEL CENTRE B- 34/1BULANDSHER ROAD GHAZIABAD,182 KHANNA NAGAR LONI GHAZIABAD,201002	Active	Active	04-Dec-2019
88	UP0140001	MAA VAISHNO PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	S-204, VARINDAVAN HEIGHTS APPARTMENT, GHAZIABAD,M/S FUEL & FLY, IOCL DEALER, G.T. ROAD, GHAZIABAD,201005	Active	Active	13-Nov-2019
89	UP0140375	JAI MAA SATYA WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	KHASRA NO. 897, NEAR RIVER HEIGHT, GOL CHAKKAR,,RAJ NAGAR EXTENSION, GHAZIABAD, UTTAR PRADESH,201017	Active	Active	10-Feb-2021
90	UP0140251	JAI DURGE PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	18 G.T. ROAD SAHIBABAD,GHAZIABAD,201001	Active	Active	08-Nov-2019
91	UP0140323	CHIRAG WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SUNDAR SUZUKI, SHOP NO-2, MAIN HAPUR ROAD,INDERGARHI, NEAR DELHI DHARM KANTA, DIST- GHAZIABAD,201001	Active	Active	24-Aug-2020
92	UP0140088	M/S SUNDER PETROLEUM	Opacity Meter	UP14-Ghaziabad	H-E-222, AMBEDKAR ROAD,GHAZIABAD,201001	Active	Active	07-Dec-2019
93	UP0140226	CHAUDHARY WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO.3 INDRA ENCLAVE BLOCK BAHETA,GHAZIABAD,201102	Active	Active	01-Jan-2020
94	UP0140340	CHAUDHARY PARYAVARAN SANSTHAN	Multi Gas Analyser	UP14-Ghaziabad	KH.NO-534 GAUTAM VIHAR BANTHALA LONI,GHAZIABAD (U.P),201102	Active	Active	22-Oct-2020
95	UP0140311	ABHISHEK FILL POINT	Multi Gas Analyser	UP14-Ghaziabad	R 83/84, RAJ NAGAR, GHAZIABAD, UP ,201002	Active	Active	14-Sep-2020
96	UP0140234	BR WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	MEERUT DELHI ROAD MODINAGAR GHAZIABAD,MEERUT DELHI ROAD MODINAGAR GHAZIABAD,201202	Active	Active	15-Nov-2019
97	UP0140324	CHIRAG WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	32-33, VIVEKANAND NAGAR, NEAR MAIN SHANIMANDIR,DIST- GHAZIABAD,201002	Active	Active	24-Aug-2020

98	UP0140084	M/S SHIVA AUTOMOBILES STORES	Multi Gas Analyser	UP14-Ghaziabad	M/S SHIVA AUTOMOBILES STORES,G.T. ROAD, GHAZIABAD (U.P.),201001	Active	Active	10-Dec-2019
99	UP0140355	PUNEET PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	QUALITY H.P. FILL POINT, ADD-LAL KAUN, G.T. ROAD,DIST-GHAZIABAD, UTTAR PRADESH,201001	Active	Active	28-Dec-2020
100	UP0140348	M/S SWAMI KADMANAND PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	C/O M/S HEMKUND FILL AND DRIVE, IOCL PETROL PUMP,KHASRA NO-1746/2, VILLAGE PASONDA, GT ROAD,201005	Active	Active	03-Nov-2020
101	UP0140215	M/S SHARMA PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	G.T. ROAD SIROHI ENCLAVE VRINDAVAN GARDEN GZB,RATNA FILLING STATION GOVIND PURAM GHAZIABAD UP,201013	Active	Active	02-Jan-2020
102	UP0140068	M/S MAA VAISHNO PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S GHAZIABAD PETROLIUM COMPANY,DELHI MEERUT ROAD, GHAZIABAD,201003	Active	Active	19-Dec-2019
103	UP0140078	M/S GUNGUN WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S ANURAG PETROLEUM, IOCL DEALER,MEERUT ROAD, GHAZIABAD,201017	Active	Active	25-Aug-2020
104	UP0140209	AMBE PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	POPULAR DHARM KANTA 58 GT ROAD GAZIABAD,185 RADHA COLONY LAL KUAN GAZIABAD,201001	Active	Active	24-Dec-2019
105	UP0140277	M/S NATURE WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S BAJAJ MOTORS, HPCL DEALER,SANJAY NAGAR,201003	Active	Active	20-Dec-2019
106	UP0140140	M/S J.T.PETROLIUM B.P.C.L DEALER	Opacity Meter	UP14-Ghaziabad	M/S J.T.PETROLIUM B.P.C.L DEALER,KHASRA NO-809,NOOR NAGAR,RAJ NAGAR EXTENSION,201017	Active	Active	21-Jan-2020
107	UP0140216	M/S. JAI AUTOMOBILES	Opacity Meter	UP14-Ghaziabad	G-1, SOUTH SIDE, G. T. ROAD,NH-24 INDUSTRIAL AREA, GHAZIABAD, U.P.,201001	Active	Active	05-Sep-2019
108	UP0140168	M/S MANOJ PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	C/O RAMAN & CO,DELHI MEERUT ROAD VILL KADRABAD MODINAGAR GZB,201204	Active	Active	18-Dec-2020

109	UP0140150	M/S CHIRAG WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	SINGH SERVICE STATION,G.T. ROAD,CHIKAMBARPUR, GHAZIABAD,201005	Active	Active	12-Jan-2020
110	UP0140228	HARSHIT PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	T.R SAHNI MOTORS PVT.LTD,96 RAJENDAR NAGAR,INDUSTEL AERA, MOHAN NAGAR GHAZIABAD U.P,201301	Active	Active	28-Dec-2019
111	UP0140268	SHRI KRISHNA PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	VAISHALI FILLING STATION POINT,IOCL PETROL PUMP,VAISHALI, GHAZIABAD UP,201019	Active	Active	10-Dec-2019
112	UP0140190	UDHARM KAROTII PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	RADHEY SHYAM PETROFILLING CENTRE BPCL,GHAZIABAD,UP,201206	Active	Active	09-Dec-2019
113	UP0140246	M/S S.P.MOTORS, MARUTI AUTH SREVICE STATION	Opacity Meter	UP14-Ghaziabad	PLOT NO-1, NHH-4, BYEE PASS ROAD ,MEHRAULI, GHAZIABAD, (U.P.),201002	Active	Active	23-Sep-2019
114	UP0140173	VIVEK PARYAWARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	457 FAHRUKH NAGAR-3 ASALATPUR,GHAZIABAD UP,201003	Active	Active	27-Nov-2019
115	UP0140316	RAM KALI DEVI PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	S R FILLING STATION, KHASRA NO-493, RAJNAGAR EXT.,BYPASS ROAD,DIST-GHAZIABAD,201001	Active	Active	10-Jul-2020
116	UP0140110	M/S MAHALUXMI FILLING STATION	Opacity Meter	UP14-Ghaziabad	M/S MAHALUXMI FILLING STATION, KAREHERA,LONI ROAD, MOHAN NAGAR, GHAZIABAD (U.P.),201010	Active	Active	16-Dec-2019
117	UP0140092	BHARTANAND PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S SAHIL AUTO FUEL BPCL DEALER SHAHPUR BAMHETA ,LAL KUAN BULANDSHAHR ROAD GHAZIABAD U.P.,201002	Active	Active	06-Dec-2019
118	UP0140270	M/S. PRIYANSHU PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	M/S. CHAUDHARY SERVICE STATION, B S ROAD,INDUSTRIAL AREA, G T ROAD, GHAZIABAD, UP.,201009	Active	Active	13-Dec-2019
119	UP0140006	SHUBHAM PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	204SANJAY COLONY HINDAN MOHAN NAGAR GHAZIABAD,MORDEN SERVICE CENTER LONI ROAD MOHAN NAGAR GZB,201007	Active	Active	10-Oct-2019

120	UP0140104	BHARTANAND PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S SHADI RAM UDMI RAM BPCL DEALER,G.T. ROAD GYANI BORDER GHAZIABAD U.P.,201010	Active	Active	06-Dec-2019
121	UP0140207	DIXIT WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	C/O KISHAN FILLING STATION ,BHAGWAT GUJJARPURAM SIKARI KALAN MODINAGAR GHZ.,201204	Active	Active	22-Aug-2019
122	UP0140142	M/S KIRTIKA PARYAVARAN SAMITI	Opacity Meter	UP14-Ghaziabad	C/O M/S TYAGI SERVICE STATION, DELHI-MOHAN NAGAR, LINK ROAD, PRAHLAD GARHI, SAHIBABAD, GHAZIABAD,201012	Active	Active	19-Dec-2019
123	UP0140308	SIDDHARTHA FUELS	Multi Gas Analyser	UP14-Ghaziabad	KHASRA NO-505M, NOOR NAGAR, RAJ NAGAR EXTENSION,GHAZIABAD,UP,201001	Active	Active	01-Jul-2020
124	UP0140238	SWAMI KADMANAND PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	M/S OM FUEL CENTER IOCL PUMP 353 PANDAV NAGAR, INDUSTRIAL AREA GHAZIABAD,201002	Active	Active	07-Nov-2019
125	UP0140158	AUTOCARE	Opacity Meter	UP14-Ghaziabad	AUTOCARE,D-BLOCK,SHASTRI NAGAR,GHAZIABAD,201002	Active	Active	29-Jan-2020
126	UP0140148	CHIRAG WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S SINGH SERVICE STATION, G.T. ROAD, ,CHIKEMBERPUR, GHAZIABAD,201005	Active	Active	12-Jan-2020
127	UP0140122	RS WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	C/O HARBANSH FILLING STATION, ESSAR PUMP,PAVI SADAKPUR, LONI GHAZIABAD,201002	Active	Active	20-Jan-2020
128	UP0140313	EROJ PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	C/O OM PRAKASH, K NO 24, ELAICHIPUR, NR SHANI MANDIR, LONI, DISTT GHAZIABAD, UP ,201102	Active	Active	30-Jul-2020
129	UP0140197	M/S R.D. WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S BRIJWASI FILLING STATION B.P.C.L. PUMP,TILLA SHAHBAPUR,LONI ROAD, GZB,201102	Active	Active	11-Aug-2020

130	UP0140214	SATNAM WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	PETROL PUMP KHASRA NO 829 NORNAGAR ,RAJNAGAR EXTENSION GHAZIABAD U.P,201002	Active	Active	26-Dec-2019
131	UP0140124	RS WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	C/O HARBANSH FILLING STATION, ESSAR PUMP,PAVI SADAKPUR, LONI, GHAZIABAD,201002	Active	Active	20-Jan-2020
132	UP0140274	KRISH PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	SHOP NO. R.C.- 52,PRAKASH NAGAR,KHORA COLONY ,GHAZIBAD,HN. NO. 53, SULTANPUR THANA MURADNAGAR,201003	Active	Active	17-Dec-2019
133	UP0140350	M/S SATNAM WELFARE SOCIETY	Opacity Meter	UP14-Ghaziabad	M/S NARENDRA BOHARE FILLING STATION, IOCL, 829, NOOR NAGAR, RAJNAGAR EXTN., GHAZIABAD, UP ,201001	Active	Active	06-Nov-2020
134	UP0140184	UDHARM KAROTI PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	RADHEY SHYAM PETROFILLING CENTRE BPCL GHAZIABAD,UP,201001	Active	Active	06-Dec-2019
135	UP0140118	M/S MAYANK HP FILLING STATION	Multi Gas Analyser	UP14-Ghaziabad	M/S MAYANK HP FILLING STATION,VILL TILA SHAWAJPUR, LONI ROAD,GHAZIABAD,201010	Active	Active	08-May-2019
136	UP0140080	M/S GUNGUN WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	C/O RAMA SERVICE STATION,IOCL PUMP,DELHI-MEERUT ROAD, MORTA, GHAZIABAD,201002	Active	Active	25-Aug-2020
137	UP0140330	M/S MAA VAISHNO PARYAVARAN SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	C/O M/S FUEL AND FLY, IOCL DEALER,NEAR MAHA MAYA STADIUM, G.T. ROAD,201001	Active	Active	06-Oct-2020
138	UP0140349	M/S SATNAM WELFARE SOCIETY	Multi Gas Analyser	UP14-Ghaziabad	M/S NARENDRA BOHARE FILLING STATION, IOCL, 829, NOOR NAGAR, RAJNAGAR EXTN., GHAZIABAD, UP ,201001	Active	Active	06-Nov-2020
139	UP0140185	S.S PARYAVARAN SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	VARDHMAAN PETROLRUM, MORTA,HN NO 58, GHAZIABAD,UP,201001	Active	Active	06-Dec-2019

140	UP0140225	M/S SHRI RADHAY PARYAVARAN SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S RAWAL KALAN KISAN SEWA KENDRA, IOCL,PETROL PUMP, MURADNAGAR, GHAZIABAD,201206	Active	Active	08-Jan-2020
141	UP0140343	M/S SHRI RAM PARYAVARAN SUDHAR SEWA SAMITI	Opacity Meter	UP14-Ghaziabad	M/S SHRI RAM DHARAM KANTA,NEAR PUSTA POLICE CHOWKI, LONI ROAD, PABHI,201102	Active	Active	03-Nov-2020
142	UP0140169	M/S SURYAKARAN JANKALYAN SAMITI	Opacity Meter	UP14-Ghaziabad	SHOP NO-1, 197 SHIV COMPLEX, 6TH MILE STONE,CHIKAMBERPUR, G.T.ROAD, GHAZIABAD,201005	Active	Active	14-Nov-2019
143	UP0140160	AUTOCARE	Multi Gas Analyser	UP14-Ghaziabad	AUTOCARE,D-BLOCK,SHASTRI NAGAR,GHAZIABAD,201005	Active	Active	29-Jan-2020
144	UP0140344	M/S SHRI RAM PARYAVARAN SUDHAR SEWA SAMITI	Multi Gas Analyser	UP14-Ghaziabad	M/S SHRI RAM DHARAM KANTA,NEAR PUSTA POLICE CHOWKI, LONI ROAD, PABHI,201102	Active	Active	03-Nov-2020
145	UP0140169	M/S SURYAKARAN JANKALY	Opacity Meter	UP14-Ghaziabad	SHOP NO-1, 197 SHIV COMPLEX, 6TH	Active	Active	14-Nov-2019



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ सं०

Ref. No. 32200 /CL/ 294B/ AC-P-1/19-20

दिनांक

Date ... 5.2.2020

सेवा में,

अतिरिक्त महानिदेशक,
यातायात पुलिस निदेशालय, उत्तर प्रदेश,
वृन्दावन योजना, सेक्टर-18, रायबरेली रोड,
लखनऊ-226301।

विषय: उत्तर प्रदेश के 15 नॉन अटैन्मेंट शहरों में वायु प्रदूषण के नियंत्रण हेतु निर्मित कार्ययोजना के संबंध में माइक्रोप्लानिंग किये जाने हेतु वायु (प्रदूषण का निवारण एवं नियंत्रण) अधिनियम, 1981 की धारा 31ए के अर्न्तगत जारी निर्देश के संबंध में।

यह कि, माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ0ए0 संख्या-681/2018 में दिनांक 08.10.2018 के द्वारा नॉन अटैन्मेंट शहरों से संबंधित सभी राज्यों एवं केन्द्रशासित प्रदेशों में "एअर क्वालिटी मॉनीटरिंग कमेटी" का गठन किये जाने, "एअर क्वालिटी मॉनीटरिंग कमेटी" द्वारा 02 माह के अन्दर नॉन अटैन्मेंट शहरों की वायुगुणवत्ता में सुधार लाये जाने हेतु कार्ययोजना तैयार किये जाने एवं कार्ययोजना के लागू होने से 06 माह के अन्दर नॉन अटैन्मेंट शहरों की वायुगुणता निर्धारित मानकों के अनुरूप लाये जाने हेतु आदेश पारित किये गये थे।

यह कि, राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा पारित आदेश के अनुपालन में उत्तर प्रदेश सरकार द्वारा प्रदेश के 15 नॉन अटैन्मेंट शहरों यथा आगरा, प्रयागराज, अनपरा, बरेली, फिरोजाबाद, गजरौला, गाजियाबाद, झांसी, कानपुर, खुर्जा, लखनऊ, मुरादाबाद, नोएडा, रायबरेली तथा वाराणसी की वायुगुणता में सुधार लाने के लिए कार्ययोजना बनाये जाने हेतु दिनांक 02.01.2019 को "एअर क्वालिटी मॉनीटरिंग कमेटी" गठित की गयी एवं "एअर क्वालिटी मॉनीटरिंग कमेटी" द्वारा प्रदेश के 15 नॉन अटैन्मेंट शहरों में वायुगुणता के सुधार हेतु कार्ययोजना बनायी गयी। कमेटी द्वारा बनायी गयी कार्ययोजना को उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा केन्द्रीय प्रदूषण नियंत्रण बोर्ड, दिल्ली प्रेषित किया गया जिसे केन्द्रीय प्रदूषण नियंत्रण बोर्ड, दिल्ली द्वारा अनुमोदित किया गया है। उक्त कार्ययोजना को उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, लखनऊ की वेबसाइट http://www.uppcb.com/pdf/ACTION-PLAN_100519.pdf पर भी अपलोड किया गया।

यह कि, यह कि, राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा उपरोक्तानुसार पारित आदेश के अनुपालन में प्रदेश के 15 नॉन अटैन्मेंट शहरों की वायुगुणता में सुधार लाये जाने हेतु बनायी गयी कार्ययोजना के अनुश्रवण तथा प्रभावी क्रियान्वयन हेतु उत्तर प्रदेश सरकार द्वारा प्रमुख सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, उ0प्र0 शासन की अध्यक्षता में दिनांक 14.06.2019 के द्वारा "एअर क्वालिटी मॉनीटरिंग कमेटी" का पुनर्गठन किया गया।

यह कि, प्रदेश के 15 नॉन अटैन्मेंट शहरों के वायु प्रदूषण नियंत्रण के संबंध में बनायी गयी कार्ययोजना के अर्न्तगत दीर्घकालीन एवं अल्पकालीन कार्यबिन्दु तथा इसके क्रियान्वयन की समयसीमा निर्धारित करते हुये प्रदेश के संबंधित जिम्मेदार विभागों/प्राधिकरणों/संस्थाओं यथा नगर विकास विभाग, ट्रान्सपोर्ट विभाग, पी0डब्लू0डी0, एन0एच0ए0आई0, यातायात, फूड एवं सिविल सप्लाय, विकास प्राधिकरण/आवास विकास, वन, कृषि, औद्योगिक विकास, आयल कम्पनी/सी0एन0जी0, गृह, एन0एम0सी0जी0, जिला प्रशासन, वाहन निर्माता कम्पनी, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, मिनिस्ट्री आफ रोड ट्रान्सपोर्ट एण्ड हाईवे, सिचाई विभाग एवं उद्यान विभाग को कार्ययोजना के अर्न्तगत वायु प्रदूषण के नियंत्रण हेतु इनसे संबंधित कार्यबिन्दुओं पर प्रभावी कार्यवाही किये जाने हेतु दायित्व निर्धारित किये गये हैं।

यह कि, मुख्य सचिव, उ0प्र0 शासन द्वारा अपने पत्र संख्या-एन0जी0टी0130(2) 55-पर्या-2-2019 /09 (रिट)/2016 दिनांक 11.04.2019 द्वारा उत्तर प्रदेश के 15 नॉन अटैन्मेंट शहरों में वायु प्रदूषण के नियंत्रण हेतु बनायी गयी कार्ययोजना के प्रभावी क्रियान्वयन/अनुपालन हेतु प्रदेश के संबंधित जनपदों के जिलाधिकारियों एवं संबंधित विभागों के अपर मुख्य सचिव/प्रमुख सचिव को निर्देश जारी किये गये हैं।

यह कि, माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ0ए0 संख्या-681/2018 में दिनांक 20.11.2019 द्वारा उत्तर प्रदेश के 15 नॉन अटैन्मेंट शहरों में वायु प्रदूषण के नियंत्रण हेतु निर्मित कार्ययोजना के अर्न्तगत निर्धारित किये गये कार्यबिन्दुओं की माइक्रोप्लानिंग किये जाने के संबंध में पारित आदेश का सुसंगत अंश निम्नवत् है:-

टी.सी.-12वी, विभूति खण्ड, गोमती नगर,

लखनऊ - 226010

दूरभाष : 522-2720831, 2720828

फैक्स : 0522 - 2720764, 2720676

ई-मेल : info@uppcb.com

वेबसाइट : www.uppcb.com

gomti Letter head 25-05-2016

T.C.-12V, Vibhuti Khand, Gomti Nagar

Lucknow - 226010

Phone : 0522-2720831, 2720828

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Email : info@uppcb.com

Web Site : www.uppcb.com

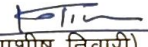
"With regard to direction No.(VIII), there is compliance by 38 cities. Let the States/UTs ensure compliance with regard to the remaining cities within by 30.06.2020. In default, the States/UTs will be liable to pay@Rs. 5 lakhs per month till compliance. The compensation may be recovered by the States/UTs from the erring officers and appropriate entries may also be made in the ACRs of the concerned Heads of the Departments";

अतएव मा0 राष्ट्रीय हरित अधिकरण द्वारा उक्त पारित आदेशों का अनुपालन सुनिश्चित किये जाने के दृष्टिगत वायु (प्रदूषण का नियंत्रण एवं निवारण) अधिनियम, 1981(यथा संशोधित) की धारा 31 ए के अन्तर्गत राज्य बोर्ड को प्रदत्त शक्तियों का प्रयोग करते हुए एतद्वारा निम्न निर्देश निर्गत किये जाते हैं :-

1. यह कि, कार्य योजना के अंतर्गत यातायात पुलिस निदेशालय, उत्तर प्रदेश हेतु निर्धारित सभी कार्य बिन्दुओं के संबंध में 02 माह के अन्दर माइक्रोप्लानिंग की जाए तथा माइक्रोप्लान की प्रति उ0प्र0 प्रदूषण नियंत्रण बोर्ड को प्रेषित की जाए।
2. यह कि, कार्य योजना के अंतर्गत दीर्घकालीन एवं अल्पकालीन कार्य बिन्दुओं का प्रभावी क्रियान्वयन निर्धारित समय सीमा के अंदर किया जाये।
3. यह कि, कार्य योजना के अंतर्गत निर्धारित कार्य बिन्दुओं के संबंध में की गयी कृत कार्यवाही की मासिक प्रगति आख्या उ0 प्र0 प्रदूषण नियंत्रण बोर्ड, द्वारा विकसित "Environmental Compliance portal" "<http://www.upecp.in>" पर अपलोड किया जायेगा तथा इसकी प्रति सदस्य सचिव, उ0प्र0 प्रदूषण नियंत्रण बोर्ड के माध्यम से "एअर क्वालिटी मॉनीटरिंग कमेटी" को प्रेषित की जायेगी।

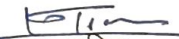
उक्त निर्देशों का अनुपालन निर्धारित समय सीमा में सुनिश्चित कराते हुए कृत कार्यवाही की आख्या से बोर्ड को अवगत कराने का कष्ट करें।

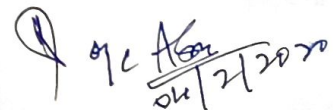
भवदीय,


(आशीष तिवारी)
सदस्य सचिव

प्रतिलिपि:- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु :-

1. प्रमुख सचिव, गृह, उ0प्र0 शासन, लखनऊ।
2. सदस्य सचिव, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, परिवेश भवन, ईस्ट अर्जुन नगर, दिल्ली।
3. जिलाधिकारी, आगरा, प्रयागराज, सोनभद्र (अनपरा), बरेली, फिरोजाबाद, अमरोहा (गजरौला), गाजियाबाद, झांसी, कानपुर, बुलन्दशहर (खुर्जा), लखनऊ, मुरादाबाद, गौतमबुद्ध नगर (नोयडा), रायबरेली एवं वाराणसी।
4. क्षेत्रीय अधिकारी, उ0प्र0 प्रदूषण नियंत्रण बोर्ड आगरा, प्रयागराज, सोनभद्र (अनपरा), बरेली, फिरोजाबाद, बिजनौर (गजरौला), गाजियाबाद, झांसी, कागपुर, बुलन्दशहर (खुर्जा), लखनऊ, मुरादाबाद, नोयडा, रायबरेली एवं वाराणसी।


सदस्य सचिव


04/21/2020

S.no.	Name & address of Industry	Sector	Source of air pollution
1	M/S- Amko Exports, A-1, B.S. Road I.A, Ghaziabad	Textile	Boiler
2	M/S- FeroliteJointings Ltd. C-178, B.S.Road I.A, Ghaziabad	Asbestos	Boiler
3	M/S- Kunj Forgings (P) Ltd. C-177, B.S. Road Industrial Area, Ghaziabad.	Reheating Furnace	Reheating Furnace
4	M/S- Fordgeman India C-97, B.S. Road Industrial Area, Ghaziabad.	Reheating Furnace	Reheating Furnace
5	M/S- Raghuvansh Metal Craft Pvt. Ltd.D-124, B.S.RoadI.A,Ghaziabad	Reheating Furnace	Reheating Furnace
6	M/S- B.K.Process (SandeepTyagi) G-271, Sec D-1,Apparel Park Tronica City, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
7	M/S- Sara International G-265/266, Sec D-1,Apparel Park Tronica City, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
8	M/S- Ajanta GartexH-8,9, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
9	M/S- Nandi EnterprisesJ-15, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
10	M/S- Glaxi GarmentsK-22, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
11	M/S- N.G.Wash (Old Name Apex Udyog) I-4, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
12	M/S- Rajeev KumarG-64, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
13	M/S- Sudhir Kumar JainG-80, Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
14	M/S- A.N. Process(Old Name -Vedanta Estate)I-12, Sec D-1(P3), Apparel Park Tronica City, Loni,Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
15	M/S- Omprakash SharmaJ-11, Sec D-1(P3), Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
16	M/S- S.D. GarmentsI-02, Sec D-1(P3), Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
17	M/S- Siddhi Vinayak Textile Pvt. LtdH-11, Sec-D-1, Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
18	M/S- M.S. TradingE-15 Sec D-1(P3), Apparel Park TronicaCity,Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
19	M/S- Tiwari FebG-255, Sec D-1(P3), Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
20	M/S- PoojaPahwa ApparelsK-11, Sec D-1(P3),Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)

21	M/S- Laxmi ProcessorsK-16, Sec D-1(P3), Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
22	M/S- Tushar GarmentsG-113, Sec D-1(P3), Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
23	M/S- Krish GarmentsG-109, Sec D-1, Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
24	M/S- J.B.S. ProcessorsG-104, Sec D-1, Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
25	M/S- SidhiVinayakG-103, Sec D-1,Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
26	M/S- ShriMonibhadra OverseasG-102, Sec D-1, Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
27	M/S- Rachita ProcessorsK-33-34, Sec D-1,Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
28	M/S- Shree Paras Coloration (U.B Dyeing)G-117, Sec D-1,Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
29	M/S-Shree Ghanshyam TextilesK-19, Sec D-1,Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
30	M/S- Shefali Rastogi, G-84, Sec D-1,Apparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
31	M/S- GulsanRai JainApparel Park Tronica City, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
32	M/S- Super HosieryK.No-505,Vill Banthla, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
33	M/S- Arihant TextilesPlot No-52,53,54, 54A & 55 Rural Indusrial Estate Near Bus Stant No-2 Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
34	M/S- New A.R. Garments Plot No-7 & 8, Arya Nagar, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
35	M/S- Z.A Washing (Unit-II)Plot No-30, Arya Nagar, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
36	M/S- Balaji IndustriesPlot No-37,Rural, I.A, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
37	M/S- Superfine Wash Plot no- 07, Arya Nagar Industrial Area, Loni ,Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
38	M/S- Anita Dyeing & ProcessingPlot No-12/22,Arya Nagar, I.A, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
39	M/S- L.K. DyeingPlot No-101/2, Arya Nagar, I.A, Loni, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
40	M/S- Sahi Export Pvt. LtdPlot No-30/2, Site-2, Loni Road, I.A, Ghaziabad	Textile	Boiler
41	M/S- K.M.Processors72/3, Gali No-5, Rajendra Nagar, I.A, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
42	M/S- Right Wash Garment Processing Co Pvt. Ltd72/19, Rajendra Nagar, I.A, Ghaziaba	Textile	Boiler (Less than 5 ton/Hour)

43	M/S- Shaibabad Printers182/3,G.T. Road,Shaibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
44	M/S- Ashoka Pulp & Paper (P) Ltd. Plot No.-11 Site-2, , Loni Road, Mohan Nagar, Ghaziabad	Pulp/paper	Boiler (Less than 5 ton/Hour)
45	M/S- Asha PrintsA-5/4, LoniRoad,Mohan Nagar, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
46	M/S- S.S ConceptA-5/3, Site-2, Loni Road, I.A, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
47	M/S- A.N. Fabric Dyres5/6, Site-2, LoniRoad,Mohan Nagar, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
48	M/S- Sunny Prints5/7, Site-2, Loni Road, I.A, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
49	M/S- Non Stop ColoursPlot No-3, Ajanta Complex, Site-II, Loni Road, I.A, Mohan Nagar, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
50	M/S- N.G. Textiles13A/10-11, Site-II, Loni Road, I.A, Mohan Nagar, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
51	M/S- S.B. Feb Tex Pvt. Ltd28/1/23, 24, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
52	M/S- ShriMahaveer Enterprises28/1/15, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
53	M/S- Ganga Processors18/11, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
54	M/S- Shiva Processors18/6, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
55	M/S- Jyoti Dyeing18/8, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
56	M/S- Ajanta Gartex Processors18/24, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
57	M/S- Ritika Enterprises Pvt. Ltd18/32, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
58	M/S-Ganpati Creations C-19A, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
59	M/s S.S. Printers (Formerly S.S. Processors)56/14,15, Site-4, I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
60	M/S- Maha Shakti Thread Mills56/12, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
61	M/S- Colour Touch56/28, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
62	M/S- SPD Rainbow (Formerly LavyaUdyog)57/17, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
63	M/S- Magnum Ventures Ltd.18/41, Site-4 I.A, Sahibabad, Ghaziabad	Pulp/paper	Boiler
64	M/S- Beauty Art Prints (I) Pvt. Ltd.54/4, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
65	M/S- Pal Knit Fab54/14, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)

66	M/S- Himgiri Textiles 15/11, Site-4 I.A, Sahibabad, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
67	M/S- International Agro Forzen Foods K.No-2764, 2765, 2766, Bhoorgarhi, Dasna, Ghaziabad	Slaughter House	Boiler
68	M/S- N.G. Texprints Pvt. Ltd. E-13/12, Sector-17, Kavinagar I.A, Ghaziabad	Textile	Boiler (Less than 5 ton/Hour)
69	M/S- Al Nasir Exports Pvt. Ltd. Bhoorgarhi, Dasna, Ghaziabad	Slaughter House	Boiler
70	Amrit Food, Amrit Nagar, G.T. Road, Gzb.	Large Boiler	Boiler
71	Bhushan Steel Ltd., 23, Site-4, SBD. GZB.	Power	Boiler
72	Continental Carbon India Ltd., A-14, S.S. of G.T. Road	Carbon Black	Boiler
73	Dabur India Ltd, 22, Site 4 Sahibabad	Pharma	Boiler
74	Frigo Rifico Alana Ltd., unit-2, A-14/1, Site-4, sbd GZB. (Only Rendering)	Meat processing/ Rendering	Boiler
75	Kanhaiya Enterprises, A-48/11, Site-4 Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
76	M.J. Allied Enterprises, E-4, Site-4 Ind. Area, SBD., GZB.	Textile	Boiler (Less than 5 ton/Hour)
77	Mahalaxmi Dyers, 49/24, Site-4, Sahibabad, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
78	Neelam Tex Prints Pvt.Ltd., 41/1, Site-4, Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
79	Neha Colour Concept, 261, Rajinder Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
80	Nerat Enterprises, 72/2D, Gali No-5/6 Rajinder Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
81	Pooja Processors, 62/2/3, Site-4 Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
82	Prem Processors, 52 Rajinder Nagar Ind.area	Textile	Boiler (Less than 5 ton/Hour)
83	Nav Bharat Iron Foundry & Engineering Company, C-210/1, B.S.road ind.area	Cupola	Lead smelting furnace
84	Raghuvansh Metal Corporation Pvt.Ltd., D-125, B.S.road ind.area	Cupola	Lead smelting furnace
85	Raj Hansh Industrial Corp., D-135, B.S.Road Ind. Area, Ghaziabad.	Cupola	Lead smelting furnace
86	S.K.Foundry & Engineering works, C-197 B.S.road ind.area	Cupola	Lead smelting furnace
87	Subhash Metal works, D-134, B.S. road ind.area	Cupola	Lead smelting furnace
88	Bajaj Industries, F-7, SS Of GT road ind. Area Gzb	Lead ingots	Lead smelting furnace

89	Balaji Metal Industries, C-99, BS road ind.area, GZB.	Lead ingots	Lead smelting furnace
90	Gupta Metal Works, C-1, SS of GT road Ind.area, GZB.	Lead ingots	Lead smelting furnace
91	Patel Enterprises, 5/28, SS of GT road ind. Area	Lead ingots	Lead smelting furnace
92	Shiv Metal, C-111, BS road ind.area, GZB.	Lead ingots	Lead smelting furnace
93	A. & A., S-50, Loni Road Ind.area	Textile	Boiler (Less than 5 ton/Hour)
94	A.M. Enterprises, Bhojpur, Modi Nagar, Ghaziabad.	Dairy	Boiler
95	A.R. Supreme, 26-27, Rural Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
96	A.S. Enterprises, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
97	Ajay Veer Siroha, K-23, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
98	Al Nafees Frozen Foods Exports, Hapur Road Dasna Gzb. (Integrated Meat Unit)	Slaughter House	Boiler
99	Aleena Washing, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
100	Ambika Gartex P Ltd., 42-B, Gali No-5, Rajinder Nagar, indu.area	Textile	Boiler (Less than 5 ton/Hour)
101	Anish wasing works, 96/3, Arya Nagar, Loni	Textile	Boiler (Less than 5 ton/Hour)
102	Arvind Dyeing, Plot No.-14, Arya Nagar, naipura Road Loni	Textile	Boiler (Less than 5 ton/Hour)
103	Balaji Udyog, B-80, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
104	Batik India, D-13, Udyog kunj. Dasna	Textile	Boiler (Less than 5 ton/Hour)
105	Bhagwati Colour Impax, A-36, Roop Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)
106	Bhagwati Dyeing, 84Arya Nagar, Loni	Textile	Boiler (Less than 5 ton/Hour)
107	Bharat Oil Company I Regd., E-18, Site-4, SBD, GZB.	Recycling of used oil	Boiler
108	Chacha Enterprises, J-4, Sec. D-1(P-3), Apparel Park, tronca city, Loni.	Textile	Boiler (Less than 5 ton/Hour)
109	Charbi Apparels, 101/2, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
110	D.K. Jain, G-262, Sector D-1(P), Aparels Park, Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
111	Dee Kay Industries, F-9, B.S. Road Ind. Area, Ghaziabad	Recycling of used oil	Boiler

112	Deepak Gambhir, E-12 Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
113	Denim Matching, G-141, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
114	Dev Tara Industries Ltd., Meerut Road Duhai, muradnagr, Ghaziabad.	Textile	Boiler
115	Dilip Dyeing & Washing, Arya Nagar.	Textile	Boiler (Less than 5 ton/Hour)
116	Durgeshwari Garments Pvt.Ltd., E-13, sect-13-1, Appral Park, tronca city	Textile	Boiler (Less than 5 ton/Hour)
117	Eagle Continental Foods Pvt. Ltd., Plot No. 1876, Kallu Garhi Road, Dasna, District-Ghaziabad.	Slaughter House	Boiler
118	Easter (India) Chemical Ltd., C-4, Site-4 , Sahibabad GZB.	Chemical	Boiler
119	Ekansh Textile, K-36, Sec D-1, Apparel Park, Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
120	Ekra Dyeing, A-29, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
121	Ekta Washing, A-40, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
122	Excellents Apparels Pvt. Ltd., K-52, Sec D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
123	Fab Care, 79/1, Rajinder Nagar Ind.area	Textile	Boiler (Less than 5 ton/Hour)
124	Fancy Dyeing & Washing, 83-B, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
125	Fine Wash, Plot No. 40, Rural Ind. State, Loni, Ghaziabad..	Textile	Boiler (Less than 5 ton/Hour)
126	Fusion Fashion, B-61, Roop Nagar Ind.area, Loni	Textile	Boiler (Less than 5 ton/Hour)
127	G.S. Das Apprarals Pvt.Ltd., 4/43-44, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
128	Ghazi Dyeing (Ajay Auto Bulb Corpn.), 45, Rural I.A. NGR, Loni.	Textile	Boiler (Less than 5 ton/Hour)
129	Goyal Processors, 42/50, Site-4 , Ind. Area, SBD.	Textile	Boiler (Less than 5 ton/Hour)
130	Gungun Enterprises, 38/2/24, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
131	H.B. Dyeing, A-35, Roop Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)
132	Hamdard (Wakf) Laborateries, (1 &2) B-2 & 3, Meerut Road	Pharma	Boiler
133	Hanuman Textiles, 1, Rajinder Nagar Ind. Area, GZB.	Textile	Boiler (Less than 5 ton/Hour)
134	Hard Man Jeans, B-32, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)

135	Hasan Textile, 84, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
136	High Light Industries Pvt.Ltd., B-1, BS road ind.area	Asbestos	Boiler
137	Himax Wash (old name Tajjumaal Jeans Dyeing), Arya Nagar, naipura Road Loni	Textile	Boiler (Less than 5 ton/Hour)
138	I.F.P. Petro Product Pvt. Ltd., 16/2-E, Site-4, SBD, GZB.	Recycling of used oil	Boiler
139	Indian Textiles company, E-49, B.S.Road	Textile	Boiler (Less than 5 ton/Hour)
140	J.P. Cotton Mills, 151, Anand Ind. Estate, Mohan NGR.	Textile	Boiler (Less than 5 ton/Hour)
141	Jai Ambey Dyeing, 58,59 roopNagar Ind.area Loni	Textile	Boiler (Less than 5 ton/Hour)
142	Jai Mata Di Dyers, I-9, Sec D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
143	Jai Santoshi Enterprises, 50, Shyam Ind. Area Loni.	Textile	Boiler (Less than 5 ton/Hour)
144	Jai Shri Dyeing, I-21, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
145	K.R. Washing, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
146	K.R.Foods Ltd., B-16, B.S.Road Ind. Area Gzb.	Large boiler	Boiler
147	Kartik Fabrics Pvt.Ltd., khasra no.184-185-186, Pawan puri, murad Nagar, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
148	Kishan Lal & Co., 13-A/14, Site-2, Loni Road Ind. Area.	Textile	Boiler (Less than 5 ton/Hour)
149	Kripa Ram Dairy (P) Ltd., Unit-2, Bhojpur, Modi Nagar, Ghaziabad.	Dairy	Boiler
150	Krishana Washing Service), 72/14, Gali No.-6, Rajinder Nagar Ind. Area, GZB.	Textile	Boiler (Less than 5 ton/Hour)
151	Krishna Prints Pvt.Ltd., A-47, Site-4, Sahibabad I.A. GZB.	Textile	Boiler (Less than 5 ton/Hour)
152	Latex Wash, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
153	Laxmi Dyeing, A-13, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
154	Laxmi Dying & Printing works Pvt.Ltd., S-81, Loni Road I.A., Mohan Nagar	Textile	Boiler (Less than 5 ton/Hour)
155	M.A. Garment, A-9, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
156	M.A.Garments, 20/6/21, Site-4, Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
157	M.D.Frozen Food Exports, Khasra No-2689, Bhoor gari Road, Dasna, Ghaziabad.	Meat process/ rendering	Boiler (Less than 5 ton/Hour)

158	M.K. Overcease Pvt. Ltd., B-63, 64, Site-4 , SBD.	Meat process/ rendering	Boiler
159	M.K.wasing & Dyeing, B-74, Roop Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)
160	M.R. Dyeing, B-80, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
161	M.R. Industry, B-84/3, Roop Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
162	M.S. Dyeing, A-29, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
163	Malik Dyeing, Gali No.-2, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
164	Malik Washing, 101/2, Arya Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
165	Mittal Dyes & Chemicals, A-39, Site-4 , Sahibabad	Chemical	Boiler (Less than 5 ton/Hour)
166	Modi Distillery, ModiNagar, Ghaziabad.	Distillery	Boiler
167	Modi Nagar Paper Mills Ltd.ModiNagar, Ghaziabad.	Pulp and paper	Boiler
168	Modi Sugar Mills, ModiNagar, Ghaziabad	Sugar	Boiler
169	Mohan Meakins Ltd (Brewery & Allied), MohanNagar, GZB.	Distillery	Boiler
170	Naffes Enterprises, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
171	Nagpal Traders, A-23, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
172	Nandi Enterprises, K-14, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
173	National Industries, G-264, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
174	NIF Pvt. Ltd., Khasra No. 243, 244, Yusufpur, Ishapur, Modi Nagar, GzB.	Dairy	Boiler
175	Nirdosh Dyeing & Washing,Khasra No. 72/2, Gali No.7, Arya Nagar I.A	Textile	Boiler (Less than 5 ton/Hour)
176	ORDIANCE FACTORY MURAD NAGAR, Muradnagar, Ghaziabad.	Large boiler	Boiler
177	Para Products, 20/3, Site-4 , Sahibabad	Pharma	Boiler
178	Paras Dying Industries, 72/18, Rajinder Nagar Ind.area	Textile	Boiler (Less than 5 ton/Hour)
179	Pawan Garment, A-29, Roop NGR I.A., Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
180	Pooja Dyeing, A-41, Roop NGR I.A., Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)

181	Puran Munjal, H-12, Sector D-1(P), Aparels Park, Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
182	Quadri Processors, I-8, Sec D-1(P3),.Apparel Park, Tronika City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
183	R.B. Enterprises, 180/2, 180/4, Rajinder Nagar Ind. Area, SBD.	Textile	Boiler (Less than 5 ton/Hour)
184	R.R. Dyeing, Arya Nagar, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
185	Radhey Raman Dyeing & Washing, 4, Arya Nagar, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
186	Ragging Sons, I-13, Sec D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
187	Raish Enterprises, 96/2, Arya Nagar Loni, Ghazibad.	Textile	Boiler (Less than 5 ton/Hour)
188	Rajshri Chemicals Products, B-81, Roop Nagar Ind. Area, Loni	Chemical	Boiler (Less than 5 ton/Hour)
189	Ram Niwash Goyal & Sons, Sikheda Road, Modi Nagar, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
190	Rama Sharma Washing, Neelam Compound, Arya Nagar Ind. Area.	Textile	Boiler (Less than 5 ton/Hour)
191	Ramesh Dyeing & Washing, Plot No- 17, Arya Nagar Ind. Area.	Textile	Boiler (Less than 5 ton/Hour)
192	Rastogi Garments, B-69, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
193	Ratan Garment, 56/31, Site-4 Ind. Area, Sahibabad, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
194	Robest Infra Tech P Ltd., J-13, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
195	Rohini Chemicals Pvt.Ltd., 54/13, Site-4 , Sahibabad	Pharma	Boiler
196	Roshan Lal (Shine Wash) 15/18, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
197	Roxcy Enterprises, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
198	Royal Techno Dyers, K-47, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
199	Ruchika Prints, A-35, Gali No-4, Rajinder Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
200	Rupal Washing, A-36/2, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
201	S.A.K. Dyeing & Processors, 76, Arya Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)
202	S.G. Rubber Industry, A-77, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)

203	S.K.Industries, B-80, Arya Nagar Loni	Textile	Boiler (Less than 5 ton/Hour)
204	S.R. Print, C-1, Site-2, Loni Road Ind. Area, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
205	S.S. Dyeing, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
206	S.Star Enterprises, A-50/2, Roop Nagar Ind.area, Loni	Textile	Boiler (Less than 5 ton/Hour)
207	S.T. Traders, J-5, Appral Park, tronca city, Lopi, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
208	S.V.S. Fashion, J-22, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
209	S.V.S. Textile, K-8, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
210	Sai Denim, 20/2/13, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
211	Sai Processors, 7/37, Loni Road Mohan Nagar	Textile	Boiler (Less than 5 ton/Hour)
212	Sai Saran Garment, G-108, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
213	Sanjay Jain Jeans Dyeing, S-30, UPSIDC Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
214	Sara International, G-265-266, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
215	Shahnaj Washing, 87, Arya Nagar, Naipura, Loni	Textile	Boiler (Less than 5 ton/Hour)
216	Shallu Prints, G-121, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
217	Shanker Prints, S-49, Site-2, Loni Road Mohan Nagar.	Textile	Boiler (Less than 5 ton/Hour)
218	Shanti dying & Finshing Mills, A-48/16, Site -4 Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
219	Sharda Dyeing, Plot No. 6, Gali No.-1, Rajinder Nagar Ind. Area, SBD	Textile	Boiler (Less than 5 ton/Hour)
220	Sharda Fabric (Old Name is Kartikay Processors), 42/36, Site-4, Sahibabad, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
221	Sharma Washing Works, Khasra No. 92, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)
222	Shiuma Process Equipmenents P Ltd., E-7, Site-4, SBD., GZB.	Textile	Boiler (Less than 5 ton/Hour)
223	Shiv Kumar Pawan Kumar, 57/1/13, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
224	Shivani Dyeing, Arya Nagar, Loni.	Textile	Boiler (Less than 5 ton/Hour)

225	Shri Balaji Industries, Plot No.-7, Gali No-1, Rajinder Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
226	Shri Balaji Processors, S-132, Site-2, Loni Road, Mohan NGR.	Textile	Boiler (Less than 5 ton/Hour)
227	Shri Ganga paper Mills Pvt.Ltd., Hapur Road Dasna	Pulp and paper	Boiler
228	Shri Krishna Arts & Dyeing, A-72, Roop Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)
229	Shri Laxmi Tex(Ex. Name Laxmi dying) 42-A, anand Ind. Estate Mohan Nagar	Textile	Boiler (Less than 5 ton/Hour)
230	Shri Narayan Prints, 4/50, 51,52 Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
231	Shri Ram Piston & Rings Ltd., Meerut Road Ind.area Gzb.	Large boiler	Boiler
232	Shri Shyam Dyeing, 56/56, Site-4 , Ind. Area, SBD.	Textile	Boiler (Less than 5 ton/Hour)
233	Shyam Industry, 50, Shyam Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
234	Sidhi Vinyak, 48/1/18, Site-4, Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
235	Sidra Washing, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
236	Silver Wash, 20/6, Gali No.-3, Rajinder Nagar Ind. Area, SBD	Textile	Boiler (Less than 5 ton/Hour)
237	Simple Dyeing & Washing, 7, Khara No. 357, Arya Nagar Ind. Area.	Textile	Boiler (Less than 5 ton/Hour)
238	Solankey Dyeing, B-9, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
239	Spak India, 56/23, Site-4 , Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
240	Spectrum Dye Studio, J-3, Sector D-1(P3), Apparel Park, Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
241	Steam Oil & General Industries, C-187, B.S. Road Ind. Area, Ghaziabad	Recycling of used oil	Boiler
242	Sumer Mal (R.K. Export & Import), H-13, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
243	Sun Dyers, I-19, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
244	Super Industry, Gali No. 2, Arya Nagar, Loni	Textile	Boiler (Less than 5 ton/Hour)
245	Supreme Industries, J-2, Appral Park, tronca city, Loni.	Textile	Boiler (Less than 5 ton/Hour)
246	Suruchi Dying, 37, S.S.of G.T.Road Ind.area	Textile	Boiler (Less than 5 ton/Hour)
247	Swastik Washing, A-37, Roop Nagar Ind. Area, Loni	Textile	Boiler (Less than 5 ton/Hour)

248	Tanzeem Dyeing, 261, Rajaendra Nagar Ind. Area GZB.	Textile	Boiler (Less than 5 ton/Hour)
249	Tina Dyeing, B-53, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
250	Umar Garments, 83-B, Arya Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
251	V.S. Dyeing, Plot No.-15, Arya Nagar, naipura Road Loni	Textile	Boiler (Less than 5 ton/Hour)
252	V.S. Garments, 20/6/10, Site-4, Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
253	Vaishali Hosiery, I-17, Sec D-1, Apparel Park, Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
254	Vaishno Garments, 20/6/3, Site-4 Ind. Area, Sahibabad, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
255	Vanisikha Dyeing, B-69, Roop Nagar Ind. Area, Loni.	Textile	Boiler (Less than 5 ton/Hour)
256	Varsha Washing, 49/25, Site-4, Ind. Area, SBD., GZB.	Textile	Boiler (Less than 5 ton/Hour)
257	Vedanta Estate, I-11, Apparel Park, Sector D-1(P3), Tronica City, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
258	Vedanta Estate, J-12, Apparel Park, Sector D-1(P3), Tronica City, Loni.	Textile	Boiler (Less than 5 ton/Hour)
259	Ventkesh Enterprises, 48/1/7, Site-4, Sahibabad	Textile	Boiler (Less than 5 ton/Hour)
260	Vidhi Ventuer, 20/1, Gali No-3, Rajinder Nagar Ind.area	Textile	Boiler (Less than 5 ton/Hour)
261	Vinay Dyeing & Washing, 34, Arya Nagar Ind. Area	Textile	Boiler (Less than 5 ton/Hour)
262	Vivek Dyeing, Main Road, A-7, Main Road, Roop Nagar Ind. Area, Loni, Ghaziabad.	Textile	Boiler (Less than 5 ton/Hour)
263	Voice India Udyog, 203, Laxmi Ind. Enclave, Arya Nagar Ind.area, Loni	Textile	Boiler (Less than 5 ton/Hour)
264	VRS Foods Ltd., Unit-2, B-33, Site-4, Ind. Area, SBD. GZB.	Dairy	Boiler
265	A.K.Engineering Corporation, E-114, B.S. road ind. Area Gzb.	Reheating Furnace	Reheating Furnace
266	Auto Tech Engg. B-23/11, B.S. Road Ind. Area, GZB.	Reheating Furnace	Reheating Furnace
267	Azad Engineering Company, C-83, B.S. road ind.area, Gzb.	Reheating Furnace	Reheating Furnace
268	Bharat Industrial Corporation, D-131, B.S. road ind.area, GZB.	Reheating Furnace	Reheating Furnace
269	Capital Uddyog, C-110, B.S.road ind.area, GZB.	Reheating Furnace	Reheating Furnace
270	Chhabra Foundary & Engg. Works., D-109, B.S. Road,GZB	Reheating Furnace	Reheating Furnace

271	Delhi Foundering, 3/1/30, site-4, SBD.	Reheating Furnace	Reheating Furnace
272	Flow More Products Ltd., 9KM G.T.road Mohan nagar	Reheating Furnace	Reheating Furnace
273	J.B.Industries Patel Marg, Ghaziabad.	Reheating Furnace	Reheating Furnace
274	Jagan Nath & Sons, B-28, B.S. Road Ind. Area, GZB.	Reheating Furnace	Reheating Furnace
275	Jai Bharat Industries, D-129, BS road ind.area	Reheating Furnace	Reheating Furnace
276	Jyoti Industries Patel Marg Bojha	Reheating Furnace	Reheating Furnace
277	K.C.Industries, 13/2, S.S.of G.T.road ind area	Reheating Furnace	Reheating Furnace
278	K.S. engineering works, Patel Mrg Bojha	Reheating Furnace	Reheating Furnace
279	M.S. Engineering Co., E-116, B.S.road ind. Area	Reheating Furnace	Reheating Furnace
280	Maan Engineering Pvt.Ltd., 7/1, S.S.of G.T. road ind.area	Reheating Furnace	Reheating Furnace
281	Maharana Espat Uddyog, Patel Marg	Reheating Furnace	Reheating Furnace
282	Matchless Industries, Patel Marg, GZB.	Reheating Furnace	Reheating Furnace
283	Modern Oil Expaller & Filter Press, Patel Marg Bojha	Reheating Furnace	Reheating Furnace
284	Northern Industries,D-124, B.S.road ind.area	Reheating Furnace	Reheating Furnace
285	Om Puli House, A-9 S.S.of G.T. road ind area	Reheating Furnace	Reheating Furnace
286	S.B.R.Metal, E-112, B.S. road ind,area	Reheating Furnace	Reheating Furnace
287	Saraswati Uddyog, C-210, B.S.road ind.area	Reheating Furnace	Reheating Furnace
288	Sharda Uddyog, C-196, B.S.road ind.area	Reheating Furnace	Reheating Furnace
289	Shri Ram Engineering Company, Bonjha Patel Marg	Reheating Furnace	Reheating Furnace
290	Star Metal Industries, Patel Marg	Reheating Furnace	Reheating Furnace
291	Subhash Engineering Company, Patel Marg Bojha	Reheating Furnace	Reheating Furnace
292	Subhash Industries, D-134, B.S. road ind.area	Reheating Furnace	Reheating Furnace
293	Sunil Enterprises, C-217, B.S. Road Ind. Area, GZB.	Reheating Furnace	Reheating Furnace
294	Nav Bharat Foundry & General Industry, D-15, B.S.road ind.area	Reheating Furnace	Reheating Furnace

295	Ankur Brothers, S.S. of G.T. Road Ind. Area.	Lead ingots	Lead smelting furnace
296	B.D. Enterprises, D-3, B.S. Road Ind.area,GZb.	Lead ingots	Lead smelting furnace

Sr. No	Name & Address
1	N.G. Textile, 13A/10&11, Site-2 Loni Road Industrial Area, Mohan Nagar, Ghaziabad
2	UV Garments Pvt. Ltd., G-117-118, Sector D-1, Tronica City Loni, Gzb
3	Hilite Industries Pvt. Ltd. B-1, Site-1, B. S. Road industrial area, Ghaziabad
4	International Agro Foods, Plot No. 2764, 2765, 2766, Bhoor Garhi, Dasna, Ghaziabad,
5	M/s. Sidharth Dyeing, Plot No-D-59, Sector D-1, TDS City, Loni, Gzb
6	Futuro Components (P) Ltd., 1260, Kaushalya Road, Hindon Nagar Dasna, Gzb
7	International Tobacco Co. Ltd. Meerut Road, Guldhar, Ghaziabad
8	Indian Textile Company
9	Rajhans Industrial Corporation D-135, Indl area BSR, Ghaziabad.
10	Chemopulp Tissues Ltd., A-4, Meerut Road industrial Area, Ghaziabad
11	Tushar Garments, G113, Trans Delhi Signature, Ghaziabad
12	Fero Light Jointing Pvt.Ltd., C-163, 178, BS road ind.area
13	Al Naseer Export Pvt.Ltd., 2761, Bhoor Gari, Dasna, Ghaziabad.
14	Bhushan Steel Ltd., 23, Site-4 , SBD. GZB.
15	Continental Carbon India Ltd., A-14, S.S. of G.T. Road
16	Dabur India Ltd, 22, Site 4 Sahibabad
17	Bharat Oil Company I Regd., E-18, Site-4, SBD, GZB.

Sr. No.	Name & Address
1	More Super Market, B-1220, Near Shri Shri Rasidency Kaushami, Ghaziabad
2	M/s Sutech Industry, BS road industrial area, Ghaziabad
3	Mirha Export Pvt. Ltd., Site-4 Sahibabad Industrial Area, Gzb
4	Sahibabad Printers, GT Road Industrial Area, Ghaziabad

Sr. No.	Name & Address	Type	No. of Industries
1	Shri Vipin Kumar S/o Shri Haridas, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
2	Unknown Name, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
3	Shri Mahendra S/o Unknown-I Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
4	Shri Mahendra S/o Unknown-II, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
5	Shri Shankar Mandal S/o Jagdish Mandal-I, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
6	Shri Shankar Mandal S/o Jagdish Mandal-II, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
7	Shri Ashish S/o Shri Ganesh-I, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
8	Shri Ashish S/o Shri Ganesh-II, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
9	Shri Ashish S/o Shri Ganesh-III, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
10	Shri Pramod S/o Unknow, Krishna Vihar Phase-2, Behta Hazipur, Loni, Ghaziabad	Melting Furnace	1
11	Unknow Name, 30 Futa Road, Amit Vihar Behta Hazipur, Loni, Ghaziabad	Scrap Melting	1
12	Unknow Name, 30 Futa Road, Amit Vihar Behta Hazipur, Loni, Ghaziabad	Scrap Melting	1
13	Unknow Name, 30 Futa Road, Amit Vihar Behta Hazipur, Loni, Ghaziabad	Scrap Melting	1
14	42 Illegal Scrap Melting Furnace, Amit Vihar, Behta Hazipur, Loni, Ghaziabad	Scrap Melting	42
15	53 Illegal Scrap Melting Furnace, Amit Vihar, Behta Hazipur, Loni, Ghaziabad	Scrap Melting	53
16	M/s OM Plastic, Arya Nagar industrial Area, Loni, Ghaziabad	Plastic Gulla	1
17	M/s. Rama Sharma, Arya Nagar Industrial Area, Ghaziabad	Textile	1
18	06 Illegal Scrap Melting Furnace, Amit Vihar, Behta Hazipur, Loni, Ghaziabad	E-Waste	6
19	Shri Rafeeq Ahmad, C-35, East Jawahar Nagar, Loni, Ghaziabad	Dami	1
20	Shri Karan Singh, C-35, East Jawahar Nagar, Loni, Ghaziabad	E-Waste	1
21	Shri Bilal, D-57, East Jawahar Nagar, Loni, Ghaziabad	E-Waste	1

22	Smt. Omviri, D-61, East Jawahar Nagar, Loni, Ghaziabad	E-Waste	1
23	Smt. Omviri, D-61, East Jawahar Nagar, Loni, Ghaziabad	Dami	1
24	M/s. Ajay Kumar S/o. Shri Munesh Kumar, Village Shabapur Bistar, Loni, Ghaziabad	Dyeing	1
25	M/s. Pinku Kumar S/o. Bhagwat Singh, Village Shabapur Bistar, Loni, Ghaziabad	Dyeing	1
26	M/s. Rajesh Kumar, Village Shabapur Bistar, Loni, Ghaziabad	Dyeing	1

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1	M/S- Kunj Forgings (P) Ltd. C-177, B.S. Road Industrial Area, Ghaziabad.	Reheating Furnace	Reheating Furnace
2	A.K.Engineering Corporation, E-114, B.S. road ind. Area Gzb.	Reheating Furnace	Reheating Furnace
3	Maan Engineering Pvt.Ltd., 7/1, S.S.of G.T. road ind.area	Reheating Furnace	Reheating Furnace
4	Subhash Industries, D-134, B.S. road ind.area	Reheating Furnace	Reheating Furnace
5	C.D. Engineering, B.S. road ind area, GZB	Reheating Furnace	Reheating Furnace
6	Alka Forgings, C-20 B.S. road ind. Area, GZB	Reheating Furnace	Reheating Furnace
7	C.D. Industries, a unit of Kisan engg. Works Pvt Ltd., 3, S.S. Of G.T. road ind. Area, GZB	Reheating Furnace	Reheating Furnace
8	M/s HINDON FORGE PVT LTD P-4, B.S. Road, Industrial Area, Ghaziabad	Reheating Furnace	Reheating Furnace
9	M/s RD Forge (A Unit of RD Chemicals Pvt Ltd) C-114, BS Road Industrial Area, Ghaziabad	Reheating Furnace	Reheating Furnace
10	M/s CHW FORGE PVT LTD Near hapur Road Flyover maliwara, Ghaziabad	Reheating Furnace	Reheating Furnace
11	M/s BHANDARI FORGE AND ALLOY CAST PVT LTD Plot No. C-16, Site-4, Industrial Area, Sahibabad, Ghaziabad.,	Reheating Furnace	Reheating Furnace
12	M/s RUBY FORGINGS B-30, B.S. Road Industrial Area, Ghaziabad,	Reheating Furnace	Reheating Furnace
13	M/s LAL METAL FORGE LIMITED A-7/1/13, S.S. of G.T. Road Industrial Area, Ghaziabad,	Reheating Furnace	Reheating Furnace
14	M/s SEMCO FORGE PRIVATE LIMITED Plot No. 18/27 & 18/28, Site 4, Industrial Area, Sahibabad, Ghaziabad,	Reheating Furnace	Reheating Furnace
15	M/s BHANDARI FORGE AND ALLOY CAST PVT LTD C-16, SITE-IV, INDUSTRIAL AREA SAHIBABAD GHAZIABAD	Reheating Furnace	Reheating Furnace
16	M/s ANANDMAYEE FORGINGS PVT LTD A-5, Site IV Industrial Area Sahibabad,GHAZIABAD,	Reheating Furnace	Reheating Furnace
17	M/s SURYAA STEELS C 166 Site I Bulandshahr Road Industrial Area Ghaziabad	Reheating Furnace	Reheating Furnace
18	M/s G D ROLLING AND ENGINEERING WORKS P LTD C-6, BULAND SHAHR ROAD, INDUSTRIAL AREA SITE NO-1, GHAZIABAD	Reheating Furnace	Reheating Furnace

Sr. No.	Industry Name & Address	District	L/M	OCEMS
1	A.M. Enterprises, Bhojpur, Modi Nagar, Ghaziabad.	Ghaziabad	Medium	Yes
2	Al Nafees Frozen Foods Exports, Hapur Road Dasna Gzb. (Integrated Meat Unit)	Ghaziabad	Medium	Yes
3	Al Naseer Export Pvt.Ltd., 2761, Bhoor Gari, Dasna, Ghaziabad.	Ghaziabad	Medium	Yes
4	Allied Nippun Ltd., (Unit-1), A-12, Site-4 , SBD.	Ghaziabad	Medium	Yes
5	Ambica Steels Ltd., 51/2, site-4, SBD.GZB. (AOD Furnace)	Ghaziabad	Large	Yes
6	Amko Export, A-1, B.S.Road Ind. Area	Ghaziabad	Medium	Yes
7	Amrit Food, Amrit Nagar, G.T. Road, Gzb.	Ghaziabad	Medium	Yes
8	Bharat Oil Company I Regd., E-18, Site-4, SBD, GZB.	Ghaziabad	Medium	Yes
9	Bhushan Steel Ltd., 23, Site-4 , SBD. GZB.	Ghaziabad	Large	Yes
10	Continental Carbon India Ltd., A-14, S.S. of G.T. Road	Ghaziabad	Large	Yes
11	Dabur India Ltd, 22, Site 4 Sahibabad	Ghaziabad	Large	Yes
12	Dev Tara Industries Ltd., Meerut Road Duhai, muradnagr, Ghaziabad.	Ghaziabad	Medium	Yes
13	Easter (India) Chemical Ltd., C-4, Site-4 , Sahibabad GZB.	Ghaziabad	Medium	Yes
14	Fero Light Jointing Pvt.Ltd., C-163, 178, BS road ind.area	Ghaziabad	Medium	Yes
15	Frigo Rifico Alana Ltd.,unit-2, A-14/1, Site-4, sbd GZB. (Only Rendering)	Ghaziabad	Medium	Yes
16	High Light Industries Pvt.Ltd., B-1, BS road ind.area	Ghaziabad	Medium	Yes
17	International Agro Foods, Khasra No. 2764 & 265/2766 Vill. Bhoor gari, Dasna Ghaziabad.	Ghaziabad	Medium	Yes
18	K.R.Foods Ltd., B-16, B.S.Road Ind. Area Gzb.	Ghaziabad	Medium	Yes
19	Kripa Ram Dairy (P) Ltd., Unit-2, Bhojpur, Modi Nagar, Ghaziabad.	Ghaziabad	Medium	Yes
20	M.K. Overcease Pvt. Ltd., B-63, 64, Site-4 , SBD.	Ghaziabad	Medium	Yes
21	Magnum Ventures Ltd, 18/41,Site-4 ,Sahibabad	Ghaziabad	Medium	Yes
22	Modi Distillery, ModiNagar, Ghaziabad.	Ghaziabad	Medium	Yes
23	Modi Nagar Paper Mills Ltd.ModiNagar, Ghaziabad.	Ghaziabad	Medium	Yes
24	Modi Sugar Mills, ModiNagar, Ghaziabad	Ghaziabad	Large	Yes
25	Mohan Meakins Ltd (Brewery & Allied), MohanNagar, GZB.	Ghaziabad	Large	Yes
26	NIF Pvt. Ltd., Khasra No. 243, 244, Yusufpur, Ishapur, Modi Nagar, Gzb.	Ghaziabad	Medium	Yes
27	Para Products, 20/3, Site-4 , Sahibabad	Ghaziabad	Medium	Yes
28	Rathi Steel & Power Ltd., C-4, S.S. of G.T. Road ind.area	Ghaziabad	Medium	Yes
29	Rohini Chemicals Pvt.Ltd., 54/13, Site-4 , Sahibabad	Ghaziabad	Medium	Yes
30	Shahi Exports Pvt. Ltd., 30, Loni Road Ind. Area Mohan Nagar, Ghaziabad.	Ghaziabad	Medium	Yes
31	Shri Ganga paper Mills Pvt.Ltd., Hapur Road Dasna	Ghaziabad	Medium	Yes
32	Shri Ram Piston & Rings Ltd., Meerut Road Ind.area Gzb.	Ghaziabad	Large	Yes
33	VRS Foods Ltd., Unit-2, B-33, Site-4, Ind. Area, SBD. GZB.	Ghaziabad	Medium	Yes

Sr. No.	Name	Address	CTE Granted
1	KHANDELWAL BROTHERS	PLOT NO. G-67, SECTOR-D-1, P-3, APPAREL PARK, TRONICA CITY, LONI, GHAZIABAD,GHAZIABAD,201103	Yes
2	BITTOO GARMENTS	PLOT NO. J-26, SECTOR-D-1, (P-3), APPAREL PARK, TRONICA CITY, INDUSTRIAL AREA, LONI, GHAZIABAD,GHAZIABAD,201103	Yes
3	M R WASH	Plot No. G-71, Sector-D 1, Apparel Park, Tronica City,GHAZIABAD,201103	Yes
4	WALIA DYEING	Plot No. G-53 Sector D-1(P-3) Trans Delhi Signature City, Tronica City Loni Ghaziabad (u.P.),GHAZIABAD,201103	Yes
5	J P PROCESS	Plot No. J-20, Apparel Park, Sector-D 1, Tronica City,GHAZIABAD,201103	Yes
6	DRS ENTERPRISES	Plot No. G-267, Apparel Park, Sector D-1, Tronica City,GHAZIABAD,201103	Yes
7	GSR ENTERPRISES	PLOT NO G-68, APPAREL PARK, SEC-D-1, TRONICA CITY, LONI, GHAZIABAD,GHAZIABAD,201102	Yes
8	RELIABLE GRAVURES PRIVATE LIMITED	C-34, MEERUT ROAD INDUSTRIAL AREA, GHAZIABAD U.P.,GHAZIABAD,201001	Yes
9	ALISHBA GARMENTS	Plot No. G-57, Sector D-1, Apparel Park, Tronica City, GHAZIABAD,201102	Yes
10	INDIGO DYEING	Plot No. G-70, Sector- D 1, Apparel Park, Tronica City,GHAZIABAD,201102	Yes
11	SUNIL KUMAR	Plot No. G-85, Sector D-1, APPAREL PARK, TRONICA CITY,GHAZIABAD,201102	Yes
12	MALIKA ENTERPRISES	PLOT NO. H-14, SECTOR D-1 (P),APPAREL PARK TRONICA CITY,GHAZIABAD,201103	Yes
13	SHREE SAI LEELA ENTERPRISES	Plot No. G-58, Apparel Park, Sector-D 1, Tronica City,GHAZIABAD,201102	Yes
14	SHANKER TRADING COMPANY	Plot No. J-10, SECTOR-D1, APPAREL PARK, TRONICA CITY ,GHAZIABAD,201102	Yes
15	METRO FASHION	Plot No. G-58/1, Sector D-1,Apparel Park, Tronica City,GHAZIABAD,201103	Yes
16	RATAN TRADING CO.	PLOT NO. K-30, SEC-D-1, P-3, APPAREL PARK, TRONICA CITY, LONI, GHAZIABAD,GHAZIABAD,201102	Yes

17	EXACT CHOICE	PLOT NO. I-16, SECTOR-D-1 P-3, APPAREL PARK, TRANS DELHI, SIGNATURE CITY, GHAZIABAD,GHAZIABAD,201103	Yes
18	J AND N ENTERPRISES	Plot No. J-39, Sector-D-1, Tronica City Apparel Park, UPSIDC Industrial Area,GHAZIABAD,201103	Yes
19	VALLABH DYEING	Plot No. K-29, Sector D-1, Apparel Park, Tronika City, Loni, Ghaziabad,GHAZIABAD,201103	Yes
20	UNITED MEDI EQUIP PVT LTD	46/5 Site IV, UPSIDC Inld Area, Sahibabad, Ghaziabad,GHAZIABAD,201010	Yes

S. No	Name	Address
1	R. G. METAL FORMINGS	42/43, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.- 201010
2	UNIVERSAL PAPER PRODUCTS	E-6, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P.-201010
3	CHIRAG DIE CAST PVT LTD	4/24, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.-201010
4	UNITED SURGICAL INDUSTRIES	Plot No.12/77 to 80, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010
5	CAUVERY STEELS PVT. LTD	A-4, 9/10, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P. 201010
6	PARAS CRAFTS	S-41, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P.201010
7	DABUR INDIA LTD	Plot No.22, Site 4 Industrial Area, Sahibabad, U.P.-201010
8	PARAGON EXTRUSION PVT LTD	A-4/1, Site 4, Industrial Area, Sahibabad, U.P.- 201010
9	AMBICA STEELS LTD	Plot No. 32, Site 2, Loni Road Industrial Area, Mohan Nagar Ghaziabad U.P.-201007
10	ALBERT DAVID LTD	B-12, & 13, Meerut Road Industrial Area, Ghaziabad, U.P.-201003
11	SUPER SNACKS PVT LTD	B-5, Meerut Road Industrial Area, Ghaziabad, U.P.-201003
12	FAST FOODS PVT LTD	C-14, Meerut Road Industrial Area, Ghaziabad, U.P.- 201003
13	ANUPAM PRODUCTS LTD	62/2, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P.201010
14	BALAJI WIRES PVT. LTD.	138 B-142, Anand Industrial Estate, Mohan Nagar Ghaziabad U.P.-201007
15	BANSAL WIRE INDUSTRIES LTD (UNIT 3)	B-6, Loni Road Industrial Area, Site 2 Monan Nagar , Ghaziabad, U.P.- 201007
16	WARDEX PHARMACEUTICAL PVT LTD	Plot No. C-15, A-48 & A-48/10, Site 4 Industrial Area, Sahibabad, Ghaziabad U.P.-201010
17	BANSAL WIRE INDUSTRIES (UNIT II)	B-3, Loni Road Industrial Area, Site 2, Ghaziabad, U.P.-201007
18	BANSAL HIGH CARBONS PVT LTD	120-126, Anand industrial Estate, Mohan Nagar Ghaziabad, U.P.- 201007
19	INTERNATIONAL TOBACCO COMPANY LTD	Meerut Road, Guldhar Village, Ghaziabad U.P-201001
20	MITA INDIA PVT. LTD.	Plot No. 21/2 Site -2 Loni Road Industrial Area Mohan Nagar Ghaziabad U.P. 201007
21	NEW PRINT INDIA PVT. LTD.	B-8/4, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.-201010
22	SEMCO FORGE PVT LTD	18/27 & 18/28, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.- 201010
23	R.D. FORGE (R.D. Chemicals (P) LTD.	C-114 Bulandsher Road Industrial Area Ghaziabad U.P.-201009
24	ALKA FORGINGS PVT. LTD.	C-20, Bulandshar Road Industrial Area, Ghaziabad U.P.201001
25	KROWN BAKERS (INDIA) PVT. LTD.	22/1 to 5 South Side of G.T. Road Ghaziabad-201009

26	C.D. INDUSTRIES Unit of Kisaan	Plot No.3, South Side G.T. Road Industrial Area, Ghaziabad-201001
27	SHRIRAM PISTON & RINGS LIMITED	Plot No-A-4 To A-7 & B-7 To B-9 Meerut Road Industrial Area Ghaziabad 201003
28	Lal Metal Forge Pvt. Ltd.	A-7/1/13, Electosteel Compound, South Side G.T. Road Industrial Area, Ghaziabad U.P.-201009
29	Kisaan Die Tech Pvt. Ltd.	C-11/1, South side Industrial Area Ghaziabad U.P. 201009
30	KISAAN STEELS PVT. LTD.	B-12, Bulandshar Road Industrial Area, Ghaziabad U.P.201001
31	Krown Agrofoods pvt.Ltd.	C-241 Bulandshar Road Industrial Ghaziabad U.P. 201009
32	Ghaziabad Forging Pvt. Ltd.	C-6, Meerut Road Industrial Area, Ghaziabad U.P.
33	Anandmayee Forgings Pvt Ltd.	Plot no. 5 A, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010
34	M M Metacraft	Plot no. 40/1-C, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
35	CHEMICO CHEMICALS PVT	Plot no. 54/7-9, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
36	CHEMICO SYNTHETICS	Plot no. A 14/2, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
37	NORMA INDIA	Plot No. 48, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
38	BHANDARI FORGE AND ALLOY	Plot no. C-16, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
39	SAGE METALS	Plot no. B-7, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
40	ATLAS CYCLES	Plot No. 55-56, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
41	PARSONS NUTRITIONALS	Plot No. 5, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
42	Rachna Metal Industries Pvt. Ltd.	18/42, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
43	AMBICA STEELS LTD.	Plot no. 51/2, Site IV Industrial Area, Sahibabad, Ghaziabad, U.P. 201010 / same
44	SHAHI EXPORTS PVT LTD	30/2, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P. 201007
45	INDRAPURAM HABITAT CENTER PVT. LTD.	Plot No.16, Ahinsha Khand, Indrapuram, Ghaziabad, 201004
46	MIRHA EXPORTS PVT. LTD.	B-36, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
47	UNICHEM LABORTORIES LTD.	C-31,32, Meerut Road Industrial Area, Ghaziabad, U.P. 201003
48	ALLIED NIPPON LIMITED	A-12, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
49	AAMOR INOX LIMITED	A-30, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
50	ANMOL INDUSTRIES LTD.	C-107 Bulandshar Road Industrial Area Ghaziabad
51	Eldeco Residents welfare association	Sector-4, Vaishali
52	MANGLAM WIRES PVT. LTD.	C-11, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.

53	USK EXPORTS PVT. LTD.	H-6, South Side G.T.Road Industrial Area, Ghaziabad U.P.-201009
54	STEEL FORGE INDIA	D-93, Bulandshahr Road Industrial Area, Ghaziabad
55	DATES DISCS PVT. LTD.	9th , Mile Stone G.T. Road, Mohan Nagar, Ghaziabad, U.P.201007.
56	SURYAA STEELS	C-166, Bulandshahr Road Industrial Area,Ghaziabad, U.P.201001
57	SPARK ELECTRODES PVT. LTD.	A-48/9, Site 4 Industrial Area Sahibabad, Ghaziabad
58	Manohar Lal Hira Lal Ltd.	9th Mile Stone, Delhi Meerut Road, Ghaziabad, U.P.
59	Krishnav Engineering Limited	S-25, South Side G.T. Road Industrial Area, Ghaziabd, U.P.201009.
60	HINDON FORGE PVT. LTD.	P-4 Bulandshar Road Industrial Area Ghaziabad 201001
61	SKYTEX PROS PVT. LTD.	C-17, Site 4 Industrial Area Sahibadbad, Ghaziabad, U.P._.
62	STEEL SHAPE INDIA	C-167/1, Bulandshahr Road Industrial Area, Ghaziabad
63	M/s Hindustan CocaCola Beverages Pvt Ltd	5th KM, Milestone, Masuri- Gulawati Road, Tehsil- Dhaulana Dist- Hapur-U.P.
64	HAMDARD LABORATORIES (INDIA)	B-1/2/3, Meerut Road Industrial Area, Ghaziabad, U.P.201003.
65	RUBY FORGINGS	B-30, Bulandsdshahr Road Industrial Area, Ghaziabad, U.P.201002
66	SHEETAL MERCANTILE PVT. LTD.	58/2 &5, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010.
67	GAURANG PRODUCTS PVT. LTD.	Plot No.10, South Side G.T. Road Industrial Area Ghaziabad, U.P.201009.
68	ALLIED NIPPON LIMITED	A-12, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
69	ACCURATE ENGINEERING WORKS	S-59-60, Loni Road Industrial Area Mohan Nagar, Ghaziabad, U.P. 201007.
70	PRV INDUSTRIES LLP	D-26, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
71	MAAKRISHNA METALS PVT. LTD.	B-2/4, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201010
72	PARAGON ALUMINIUM LLP	A-1, Site 4 industrial Area Sahibabad, Ghaziabad, U.P. 201010
73	MAHAVEER CYLINDERS LTD.	59/1/5, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
74	Manav Breweries Pvt. Ltd.	C-128, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201001
75	S.M. Sunpower Ltd.	B-4, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
76	Amrit Corp. Ltd. (Unit Amrit Food)	Amrit Nagar, G.T. Road, Ghaziabad, U.P.201009
77	LUXMI METAL WORKS	E-62-63, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201002.
78	M. G. Electronics Limited	Plot No. 6, Loni Road Industrial Area Mohan Nagar Ghaziabad, U.P.201007
79	Tarun International Ltd.(Unit-II)	A-7/3, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
80	Shivam Engineers & Fabricators	AO-282-285, South Side G.T. Road Industrial Area, Ghaziabad, U.P.

81	Hindustan Paper Machinery Industries	C-138. Bulandshahr Road Industrial Area, Ghaziabad, U.P.
82	United Decoratives Pvt. Ltd.	B-11, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
83	AMBESTEN PACKAGINGS	C-89, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
84	Royce Pack Pvt. Ltd.	B-20, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
85	Shivam Cottages Pvt. Ltd.	S-110/1, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.201007
86	S.C.T. LIMITED	C-15, Meerut Road Industrial Area, Ghaziabad U.P.-201003
87	POOJA PROCESSORS	62/2-3 Site - 4 , Industrial Area Sahibabad Ghaziabad U.P. 201010
88	GLOBAL BLEACH CHEM PVT LTD	16/1A-3, Site 4 Industrial Area, Sahibabad, Ghaziabad U.P.-201010
89	M.R. ENTERPRISES	12/33, site-4 industrial area sahibabad Ghaziabad U.P 201010
90	A.K.J.LITES	12/21, Industrial Area Site - 4 sahibabad Ghaziabad 201010
91	KALANIDHI STUDIO PVT LTD	7/29, Loni Road Industrial Area Mohan Nagar Ghaziabad U.P.
92	DURGA METAL WORKS	Plot No- 42/55 Site - 4 Industrial Area Sahibabad Ghaziabad-201010
93	QUALITY LINER DIVISION	Plot No- 42/14 Site - 4 Industrial Area Sahibabad Ghaziabad-201010
94	K D INTERNATIONAL	Plot No-15/15 site - 4 Sahibabad Industrial Area Ghaziabad-201010
95	K.M.B. PAPERS PVT. LTD.	57/1/14 Site - 4 Industrial Area Sahibabad Ghaziabad 201010
96	BANDHU PLASTICS	E-209 Kavi Nagar Industrial Area Ghaziabad 201002
97	BALAJI PAWDER COATING	B-39/4 site - 4 Industrial Area Sahibabad Ghaziabad U.P. 201010
98	JAGAT MACHINERY MANUFCTS pVT. ITD.	D-33/1, Meerut Road Industrial Area, Ghaziabad
99	BASIC AYURVEDA	46, Anand Industrial Estate, Mohan Nagar Ghaziabad. U.P.
100	ELIN ELECTRONICS LTD	C-143 Bulandshar Road Industrial Ghaziabad U.P.
101	ARJUN CONTAINERS PVT. LTD.	E-70, Bulandshar Road Industrial Area, Ghaziabad. U.P.
102	ACE HARDWARE PVT. LTD.	B-5 SITE-1 Bulandshar Road Industrial Area Ghaziabad 201009
103	BALSON PAINT INDUSTRIES (INDIA)	C-226 B.S. Road Industrial Area Ghaziabad U.P.
104	SHREE JI PHARMA CHEM	KA-103 Kavi Nagar Ghaziabad U.P. 201002
105	Sachdeva Auto Engineers Pvt. Ltd	C-231, Bulandshar Road Industrial Area, Ghaziabad U.P.
106	KHOSLA PRINTERS	61/12 site - IV Industrial Ares Sahibabad Ghaziabad 201010
107	MANJUSHA NARROW FABS PVT. LTD.	F-17 Bulandshar Road Industrial Area Ghaziabad 201009
108	S.K. JAIN & SONS	49/53,54, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
109	NIRUPAM ENGINEERS (P) LTD.	D-4 Sec-17 Kavi Nagar Industrial Area Ghaziabad
110	V V ROTO MOULDERS PVT. LTD.	136-B Anand Industrial Area Ghaziabad U.P.

111	OM ELECTRONIC INDUSTRIES	B-50/9, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P 201010
112	GOLDEN BOX COMPANY	Plot No-90 Anand Industrial Area Mohan Nagar Ghaziabad 201007
113	STAR INDUSTRIES	S-36, South Side G.T. Road Industrial Area, Ghaziabad
114	R.C. ENGINEERING WORKS PVT. LTD.	B-3, Bulandshar Road Industrial Area, Ghaziabad U.P.
115	MAHAJAN ENTERPRISES	48/1/1 Site 4 Industrial Area, Sahibabad, Ghaziabad U.P.-201010
116	ARUN ENTERPRISES	Plot no. B-48,Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010 / same
117	GANPATI INDUSTRIES	Plot No.42/9, Site 4 Industrial Area, Sahibabad, Ghaziabad U.P.201010
118	BRIGHT ENTERPRISES	F-14, South Side G.T. Road Industrial Area, Ghaziabad.U.P.
119	RAGHAV PACKAGING	A-2/36, Kavi Nagar Industrial Area, Ghaziabad U.P.201002
120	HI Tech Storage Batteries	S-35, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
121	BEANT INDUSTRY	S-39 South side G.T. Road Industrial Area Ghaziabad
122	DELHI PRESS SAMACHAR PATRA PTE LTD.	Plot No.A-36, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.p.201010
123	KRYSTAL FRUIT PRODUCTS	E-102, Bulandshar Road Industrial Area, Ghaziabad U.P.201001
124	Jagdish Packaging Industries Pvt. Ltd.	C 11, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
125	M.K. PACKAGING PVT. LTD.	Plot No. 56/5, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
126	Kathuria Roll Mill Pvt. Ltd. Unit-2	A-7/112 to 115 South Side G.T. Road Industrial area, Ghaziabad, U.p.201009
127	Kathuria Roll Mill Pvt. Ltd. Unit-1	A-7/57 ,56 to 58, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
128	M.M. Packers	Plot no. 42/8 ,Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010
129	Srinath Ji Ispat Limited	A-5 South Side of G. T. Road Industrial ghaziabad, U.P.
130	AJEET METAL INDUSTRIES	C-25/6, Bulandshar Road Industrial Area, Ghaziabad U.P.201001
131	Spark Engineering Pvt. Ltd.	Plot No.40/1, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
132	VIHAAN METALS PVT. LTD.	Plot No- A-4/3/32-33 South Side G.T. Road Industrial Area Ghaziabad
133	KAH Packaging Pvt. Ltd.	Plot No. 4/3, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
134	Prem Industries Unit 2	22/13, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
135	HICON PRODUCT (INDIA) PVT. LTD.	8/5 A, Site-4 Industrial Area Sahibabad Ghaziabad-201010
136	Gopi Ram Industries	E-27, Kavi Nagar Industrial Area, Ghaziabad, U.P.
137	ARUN	Plot no. B-54,Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010 / B-48,Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010
138	Prime Industries	A-7/1/10, South Side G.T.Road Industrial Area, Ghaziabad U.P.

139	Shriram Chemicals	48/1/3, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
140	Excel HI-TECH PVT. LTD.	F-23 Sec-17 Kavi Nagar Industrial Area, Ghaziabad, U.P.
141	KRJ FOODS PVT. LTD.	A-16/24, Site 4 industrial Area, Sahibabad, Ghaziabad U.P.201010
142	Ajay Industrial Corporation Ltd.	Plot No. 22/11, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
143	VSR Laminates Pvt. Ltd.	E154 Kavi Nagar Industrial Area, Ghaziabad, U.P.
144	Parth Metal Technology Pvt. Ltd.	S 43, Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010 /
145	H L B KEXPORT	56/35, Site 4 industrial Area, Sahibabad, Ghaziabad, U.P.
146	Primco Industries	Plot no. 57/1/16 ,Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010
147	Agarwal Enterprises	A-6/8 South Side GT Road Industrial Area Ghaziabad
148	Krypton Steelcraft India (P) Limited	A - 2/30 , Kavi Nagar Industrial Area, Ghaziabad, U.P.
149	Dynosour International	E-13, Kavi Nagar Industrial Area, Ghaziabad, U.P.
150	R G overseas	B - 50/8 , Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010 /
151	Shiva Processors	18/6/7 , Site IV Industrial Area,Sahibabad,Ghaziabad,U.P.201010 / same
152	SHREE AMBICA PACKAGING INDUSTRIES	Plot No. 11- A/2, Site 4 Industrial Area, Sahibabad, Ghaziabad U.P.201010
153	Gourav Roshni Ltd.	Plot No. 4/37-40, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
154	Sharma Enterprises	Plot No.56/4, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
155	Rainbow Printads Pvt. Ltd.	8/6B, Site 4 industrial Area, Sahibabad, Ghaziabad, U.P.
156	IPSA BUSINESS (INDIA) PVT LTD	57/1/17-18, Site 4 Industrial Area,Sahibabad, Ghaziabad, U.P.201010
157	AOS PRODUCTS PVT LTD	S-33, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
158	MAHESHWARI AYURVED PVT LTD	41/19, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
159	NIROG PHARMA PVT LTD	71 Anand Industrial Area Mohan Nagar Ghaziabad 201007
160	PERFECT GENERATOR TECHNOLOGIES PVT LTD	11, Milestone, Near HLM College, Delhi- Meerut Road, Ghaziabad, U.P.201001
161	JYOTI METALS	13A/9, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P. 201007
162	KIRAN EXPORTS	A-8/7 Sec-22 Industrial Area Meerut Road Ghaziabad U.P. 201002
163	PARAS LAMINATE PVT. LIMITED	C-3, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
164	LANDMARK CRAFTS PVT. LTD	Plot No. 24 to 27, Anand Industrial Estate, Mohan Nagar, Ghaziabad.
165	VIMAL HI- TECH PVT. LTD.	40, Anand Industrial Estate, Mohan Nagar, Ghaziabad, U.P.
166	AMAN FASHION	Plot No. 62/2/5, Site 4 Industrial Area, Sahibabad, Ghaziabad.
167	Shree Syam Metal	B-22/2, Site 3, meerut Road Industrial Area, Ghaziabad.

168	Lakshmi Packagings	B-47, Site 4 Industrial Area, Sahibabadd, Ghaziabad, U.P.201010
169	MOHAN INDUSTRIES	20/6/4, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
170	Premium Ploymers Limited	E-21, Kavi Nagar Industrial Area, Ghaziabad, U.P.201001
171	Cura Ayurvedic and Unani Ltd.	13/13A, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.201010
172	Royal Packaging	B-49/8, Site 4 Industrial Area, Sahibabad, U.P.201010
173	Shree Ji Polymers	18/17, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
174	Sapna Paper Converters	42/9, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
175	Max Creative Point	31/1/32, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.
176	Pacific Trade Links	B-49/3, Site 4 Industrial Area, Sahibabad, U.P.201010
177	Sonic Electricals	3/4, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.
178	BASIC BRANDS	11/1, Anand Industrial Estate, Mohan Nagar, Ghaziabad.
179	A J Packaging Limited.	B-1, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
180	OPAL AGRO FOOD & BEVERAGES.	C-18/13, Site 4 Industrial Area, Sahibabad, Ghaziabad, U.P.201010
181	CHAKRAPANI AYURVED BHAWAN	42/58, site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
182	EXUN BIOCELL PVT. LTD.	B-1/1, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.201007
183	JUGAL BAKERS PVT. LTD.	F-19 Bulandshar Road Industrial Area, Ghaziabad
184	STAREX DRY CLEANERS	12/45, Loni Road Industrial Area Mohan Nagar, Ghaziabad, U.P.201007
185	DREAM BATH	Plot No. 28/1/21, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
186	GREEN WELL TRADERS	12/37 Site 4 Industrial Area, Sahibabad, Ghaziabad
187	ADVANTEK FUEL SYSTEM PVT. LTD.	Plot No. 4/1 Site 4 Industrial Area, Sahibabad, Ghaziabad
188	ALAM BUTTON CREATIONS	Plot No. 49/100, Site 4 Industrial Area Sahibabad, Ghaziabad
189	AGRAWAL GALVANISING	A-8/6, Sector-22, Meerut Road Industrial Area, Ghaziabad, U.P.201003
190	SONA BATHCARE PVT. LTD.	56/7-8, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
191	MITTAL DYES & CHEMICALS	39A/1, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
192	JAI GOPAL ENGINEERING WORKS PVT. LTD.	Plot No.B-38, Site 4 Industrial Area Sahibabad, Ghaziabad
193	S.B. FABTEX PVT. LTD.	28/1/24, Site 4 Industrial Area Sahibabad, Ghaziabad.201010
194	PROGRESSIVE TOOLS & COMPONENT	C-222, Bulandshar Road Industrial Area, Ghaziabad, U.P.
195	PRABHAT ELECTRO STEEL PVT. LTD.	D-2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
196	GOEL CANVAS PVT. LTD.	18/43, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
197	TRIVENI REFRACTORIES PVT. LTD.	C-11/1, South side Industrial Area Ghaziabad U.P. 201009

198	SAMADHS SHIV METAL	AO-127, Amrit Steel Compound, South Side G.T. Road Industrial Area, Ghaziabad
199	LUXMI FOODS	A/O-68-69, South Side G.T. Road Industrial Area, Ghaziabad, U.P. 201009
200	ROYAL PACKERS	3/10, Ajanta Compound, Loni Road Industrial Area Mohan Nagar, Ghaziabad, U.P.201007
201	SONEX PACKAGING INDUSTRY	A-10/40, Meerut Road Industrial Area, Ghaziabad, U.P.-201003
202	WPIL Limited	A-5, Sector-22, Meerut Road Industrial Area, Ghaziabad, U.P.201003
203	P.S. INDUSTRIES	4/12, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
204	JYOTI DYEING	18/8, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
205	SHREE BALAJI INDUSTRIES	42/37, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
206	KALINGIA ILLUMINATION PVT. LTD.	15/3/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
207	DEEPIKA PROCESS	49/5, Ananad Industrial Estate, Mohan Nagar, Ghaziabad,U.P.201007
208	GOLDEN VALLEY OVERSEAS	D-122, Bulandshar Road Industrial Area, Ghaziabad. U.P.201001
209	BREEZALIT ELECTRICALS	8/3 site - IV Industrial Area Sahibabad Ghaziabad 201010
210	YANNI INTERNATIONAL PVT. LTD.	4/28, Site 4 Industrial Area Sahibabad, Ghaziabad. 201010
211	PAL KNIT FAB	54/13-14, Site 4 Industrial Area Sahibabad, Ghaziabad.201010
212	GANPATI CREATIONS	C-19/1,C-19A, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
213	ASSOCIATED ELECTRICALS (GZB.) PVT. LTD.	D-19, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
214	MAIDEN FORGING PVT. LTD	C-10, Bulandshar Road Industrial Area,Ghaziabad
215	SOM EXTRACTS LIMITED	B-6/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
216	ZENITH WEAVING STRINGS PVT. LTD.	4/27, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
217	MOHAN METAL INDUSTRIES	39/2/4A, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
218	OM STAMPING PVT. LTD.	F-15, Kavi Nagar Industrial Area, Ghaziabad, U.P.
219	PREMIER PACKAGINGS PVT. LTD.	21, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.
220	A.N.A. Foods & Bakers	AO-159, Amrit Steel Compound, SST G.T. Road, Ghaziabad, U.P. 201009
221	STARS ALUMINIUM EXTRUSION PVT. LTD.	D-22, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
222	NATURAL AROMATICS	G-22, Udyog Kunj Industrial Area, Ghaziabad, U.P.201009
223	VARDAN ALLOYS & PIGMENTS	E-121, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201009.
224	Malviya Chemicals & Pharmaceuticals	34-A/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
225	ANISHA INTERNATIONAL	7/12, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010

226	PDRV ENTERPRISES PVT. LTD.	56/1-2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
227	BHUPINDER ENTERPRISES	E-93, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201009
228	KUMAR STYRENE PACKAGING PVT. LTD.	C-1/C, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009.
229	AISHVI TAPES INDUSTRIES	18/21, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010.
230	PACIFIC NUTS FACTORY LLP	B-18, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
231	SHANTI NATH MANUFACTURERS	A-2/14, Kavi Nagar Industrial Area, Ghaziabad, U.P.201002
232	Godfrey Phillips India Limited.	B-19, Meerut Road Industrial Area, Ghaziabad, U.P. 201001.
233	AMKO EXPORTS	E-196, Kavi Nagar Industrial Area, Ghaziabad, U.P. 201002.
234	SUBHASH METAL WORKS	D-134, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201002
235	Corrosion Engineers Pvt. Ltd.	3/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
236	SUMMERKING ELCTRICALS PVT. LTD.	E-182 & 183, Kavi Nagar Industrial Area, Ghaziabad, U.P. 201002.
237	CHAUDHRY STEELS PVT. LTD.	C-205,206 Bulandsher Road Industrial Area, Ghaziabad
238	Indian Roller Industries Pvt. Ltd.	62/2/1 & 2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
239	Micromatic Manufacturing Systems	C-40/1, Meerut Road Industrial Area, Ghaziabad, U.P. 201003
240	SURAJ INDIA VENTURE	D-111, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201001
241	BHAGWATI POWDER COATING	5/12, Loni Road Industrial Area Mohan Nagar Ghaziabad, U.P.201007
242	MICRON ENTERPRISES PVT. LTD.	C-157, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201001.
243	PROTOPOWER SPRINGS PVT. LTD.	B-22/1/17, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201001.
244	MACHINOO TECH.	Plot No- 48/1/1 A & B , Site 4 Industrial Area, Sahibabad, Ghziabad, U.P.201010
245	B.A. FABRICATORS & ENGINEERS PVT. LTD.	C-95, Bulandshahr Road Industrial Area, Ghaziabad, U.P.201009
246	METRO REFRIGERATION INDUSTRIES	D-35, Meerut Road Industrial Area, Ghaziabad, U.P. 201003.
247	NAMIT METAL INDUSTRIES.	12/20, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.201007
248	GLOBAL INDUSTRIES	38A/1/9, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
249	ARYA IRON & STEEL INDUSTRIES	Plot No.12, South Side G.T. Road Industrial Area Ghaziabad, U.P.201009.
250	CLASSIC BAKERY	Plot No. 1/11, South Side G.T. Road Industrial Area, Ghaziabad, U.P.

251	MANSINGH HOTEL & RESORTS LTD.	MMX, Mall, G.T. Road Mohan Nagar, Ghaziabad, U.P.
252	AGARWAL INDUSTRIES. (E-40)	E-40, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
253	AGARWAL INDUSTRIES. (E-56)	E-56, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
254	N.S. PACKAGING & ADVERTISING	3/1/7, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
255	U D FOOD PRODUCTS PVT. LTD.	G-10, Udyog Kunj Industrial Area, Ghaziabad, U.P. 201001
256	VISHAL ENGINEERING CO.	F-6, Udyog Kunj Industrial Area, Ghaziabad, U.P. 201001
257	SUSHYAM FOODS PVT. LTD.	A/O-68-69, South Side G.T. Road Industrial Area, Ghaziabad, U.P. 201009
258	AL METALS & METHODS PVT. LTD.	54/5, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
259	SUPER ENGINEERING WORKS	4/47, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
260	SHREE SHAKTI ENTERPRISES	37/2/7, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010.
261	PROSPRITY INC.	18/18, Site 4 Industrial Area Sahibabad, Ghazibad, U.P. 201010
262	GRAVITY BATH PVT. LTD.	28/3/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
263	IPSA BUSINESS (INDIA) PVT. LTD. (Unit-2)	18/44, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
264	Rockwood Industries Pvt. Ltd.	D-10, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
265	Shankar Fenestrations & Glasses (India)	F-3, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
266	Trend Manufacturing & Trading Industries	Plot No. 6-7, Gopal Industrial Compound, Meerut Road, Ghaziabad, U.P. 201003
267	DFM FOODS LTD.	C-40, Meerut Road Industrial Area, Ghaziabad, U.P. 201003
268	AJANTA ELECTRICALS	Plot No. 27 to 29 & 15 to 17, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
269	TANDON CHEMICALS PVT. LTD.	A-48/3, Site 4 industrial Area Sahibabad, Ghaziabad, U.P. 201010
270	SEECO INDUSTRIES	5/4, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P. 201007
271	A.S. TRADERS	7/41, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P. 201007
272	Rhino Metals LLP	E-35, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009
273	SUNRISE PACKAGING	A-2/74, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
274	Shree Narayan Prints	4/50-52, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
275	Ritika Enterprises Pvt. Ltd.	18/32, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
276	SUNRISE PACKAGING (A-2/31)	A-2/31, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010

277	SUNRISE PACKAGING (A-2/72)	A-2/72, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
278	Cura Pharmaceuticals	461/2, Ram Kishan Kunj Colony Near Shalimar Garden, Ghazibad, U.P. 201005.
279	BRIT-O FOODS	33/39, Harsha Compound, Loni Road Industrial Area, Mohan Nagar, Ghazibad, U.P. 201007
280	SARK SENITECH INDIA PVT. LTD.	A-33/15, Vishvkarma Compound, Site 4 Sahibabad, Ghaziabad, U.P. 201010
281	P.M. ENTERPRISES	12/50, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.
282	H.R. ELECTRICALS	E-15, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010.
283	Foxhill Cylinders Pvt. Ltd.	B-45, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
284	Viraj Upkram Pvt. Ltd.	C-23/1, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201009.
285	VR HYDROCHEM PVT. LTD.	S-16, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
286	2SY DRYCLEANERS	20/2/8, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
287	JSS INDUSTRIES	A-7/127, South Side G.T. Road Industrial Area, Ghaziabad, U.P. 201001.
288	Jass Faucest Pvt. Ltd.	A-33/6, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
289	Carevel Medical Systems Pvt. Ltd.	S-35/36, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
290	POYSHA PACKAGING PVT. LTD.	N-29 & 30, National Steel Compound, Patel Marg, Meerut Road, Ghaziabad, U.P.
291	Ferolite Jointing Ltd.	C-178 & 163, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201001.
292	M K INDUSTRIES	18/10, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
293	AADITRI INDUSTRIES	5/11, Loni road Industrial Area Mohan Nagar, Ghazibad
294	Genco Power Switch Gear Pvt. Ltd.	12/49, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P. 201007
295	Shri Balaji Enterprises	56/19, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
296	Gaursons India Pvt. Ltd.	Gaur Mall, RDC, Rajnagar, Ghaziabad
297	GSM GLOBAL	42/6, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
298	Vidhyasagar Insulation LLP	49/61, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
299	Satyakam Print & Packers	AO-107, South Side G.T. Road Industrial Area, Ghaziabad, U.P. 201009.
300	Chandra Industrial Company Pvt. Ltd.	C-109, Bulandshahr Road Industrial Area, Ghaziabad, U.P. 201009.
301	R.K. Industries	15/6, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
302	Tirupathi Engineering	E-180, Kavi Nagar Industrial Area, Ghaziabad, U.P. 201002.
303	G S Engineering	AO-124, South Side G.T. Road Industrial Area, Ghaziabad, U.P. 201009
304	Mahashakti Thread Mills	56/12, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010

305	YKP Food Products Pvt. Ltd.	56/24, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
306	Metal Cap Industries	D-23, Kavi Nagar Industrial Area, Ghaziabad, U.P.201002
307	Shree Balaji Metals	E-17, Kavi Nagar Industrial Area, Ghaziabad, U.P.201002
308	V K INDUSTRIES	E-34, South Side G.T. Road Industrial Area, Ghaziabad.
309	Bimel Resins Pvt. Ltd.	Plot No. 72, Anand Industrial Estate Mohan Nagar Ghaziabad, U.P.201007
310	Bharat Oil Company (I) Regd.	E-18, Site 4 industrial Area Sahibabad, Ghaziabad, U.P. 201010
311	Shree Gopal Sales	B-22/1, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
312	Alok Pharmaceutical & Industrial	B-40, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
313	Indus Towers Limited.	D-29, Bulandshahr Road Industrial Area, Ghaziabad
314	Indus Towers Limited.	B-57, Kushambi, Ghaziabad.
315	Kavita Overseas Pvt. Ltd.	Plot No. 56, Pandav Nagar Industrial Area, Ghaziabad, U.P.
316	TIRUPATI TUBES	50/5 & 6 Site 4 Industrial Area Sahibabad, U.P.201010
317	M.B. Rubber Pvt. Ltd.	D-13-15, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
318	S & S Paper Industries	B-1, Loni Road Industrial Area Mohan Nagar, Ghaziabad, U.P.
319	SSG Pharma Pvt. Ltd.	15/5, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
320	Micromatic Grinding Technologies Ltd.	C-27,28, Meerut Road Industrial Area Ghaziabad, U.P.
321	Niscort Fr. Agnel School	A-2, Sector-1, Vaishali, Ghaziabad, U.P.
322	Susan Electricals India Pvt. Ltd.	AO-43, Amrit Steel Compound South Side G.T. Road Industrial Area, Ghaziabad.201009
323	Eneroil Offshore Drilling Limited	B-20, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P. 201010
324	Asepack Laminates Ltd.	D-8, Kavi Nagar Industrial Area, Ghaziabad, U.P.201002
325	Pali Industries	49/51, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
326	Kashmir Honey Traders	S-73, Loni Road Industrial Area Mohan Nagar, Ghaziabad, U.P.
327	Jugal Bakers Pvt. Ltd.	AO-27,28,29/32, South Side G.T. Road Industrial Area, Ghaziabad, U.P.201009.
328	PTC Engineering India Pvt. Ltd.	C-198, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
329	Capital Cars Pvt. Ltd.	B-19, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
330	Nandni Processors	4/27, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
331	Trishul Electricals	AO-137, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
332	OSHINO DRUGS PVT. LTD.	B-23/8, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
333	BEC Conduits Pvt. Ltd.	C-167, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
334	Shiva Packers	51/1/9, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
335	Maiden Forgings Pvt. Ltd.	C-118, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
336	Gee Cee Cycle Balls Pvt. Ltd.	G-5,6 & 7, South Side G.T. Road Industrial Area, Ghaziabad, U.P.
337	A.G. Electric Company	A-7/93, South Side G.T. Road Ind, Ghaziabad.
338	Esteem Packers Pvt. Ltd.	89, Pawanpuri, Muradnagar, Ghaziabad, U.P.
339	Rakesh Papers Pvt. Ltd.	E-25, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
340	Amko Exports (E-174)	E-174, Kavi Nagar Industrial Area, Ghaziabad, U.P.
341	Sam Marketing Company	27-29/44, South Side G.T. Road Industrial Area, Ghaziabad, U.P.

342	United Mediequip Pvt. Ltd.	46/5, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
343	Pratap Dairy Udyog	50/1/2, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
344	MCAM SURLON INDIA LTD.	54/11, Site 4 Industrial Area Sahibabad, Ghaziabad
345	Hari Alloys	32/38, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
346	NATIONAL CAPITAL REGION TRANSPORT	Khasra No. 56, Village- Ukharsi, Muradnagar, Ghaziabad, U.P.
347	USM Alloys & Castings Pvt. Ltd.	E-29, Kavi Nagar Industrial Area, Ghaziabad, U.P.201002
348	EXCEL TEKNIKA LTD.	C-123 Bulandsher Road Industrial Area Ghaziabad U.P
349	Menthol & Allied Products	F-26/1 Bulandshar Road Industrial Area Ghaziabad 201009
350	GANPATI ENTERPRISES	Plot No.20/6/16, Site 4 Industrial Area, Sahibabad U.P.201010
351	OM PRINT & PACKERS	S-109, Harsa Tractor Compound, Loni Road Industrial Area, Ghaziabad.
352	VARSHCHEM ENTERPRISES PVT. LTD.	Plot No. 168-169, Anand Industrial Estate, Mohan Nagar, Ghaziabad, U.P.201007
353	PRS Enterprises	Plot No. 5/16, Loni Road Industrial Area, Mohan Nagar, Ghaziabad, U.P.201007
354	H.M. Lighting	A-2/20, Kavi Nagar Industrial Area, Ghaziabad, U.P.
355	N.G. TEX PRINT PVT. LTD.	E-13/2, Kavi Nagar Industrial Area, Ghaziabad, U.P.
356	Krishna Lighting	A-2/42, Kavi Nagar Industrial Area Ghaziabad, U.P.
357	SCT LTD. Unit II	B-16A, Meerut Road industrial Area, Ghaziabad, U.P.
358	Mercury International	B-10, Meerut Road Industrial Area, Ghaziabad, U.P.201003.
359	Sheena International	B-62 Site-4 Sahibabad Industrial Area Ghaziabad U.P. 201010
360	PUNJAB BEVEL GEARS LTD	B-44 /1 & 52/2 Industrial area Site-4 Sahibabad Ghaziabad 201010
361	R P LAMP MFG. COMPANY	D-2 Kavi nagar Industrial Area Ghaziabad
362	TIRUPATI PRINT PACK.	Plot No. 7/23, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
363	Bhagwati Enterprises	Plot No.28/1/8, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
364	H M Foods (India)	8, Nehru Nagar Co-Operative Society, Ambedkar Road, Ghaziabad, U.P.201001
365	Milton Steel Industries	14/22, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
366	SVS Metals Pvt. Ltd.	42/11, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.201010
367	Batik India	D-3, Udyog Kunj Industrial Area, Ghaziabad, U.P.
368	Jaycee Steel	B-25, Bulandshahr Road Industrial Area, Ghaziabad, U.P.
369	Gravity Bath Pvt. Ltd.(102)	Plot No.102, Site 4 Industrial Area Sahibabad, Ghaziabad, U.P.
370	Himvati Food	Plot No.28-29, Mainapur Industrial Area, Meerut Road, Ghaziabad, U.P.
371	PRAKASH YANTRA UDYOG PVT.LTD.	B-25 Site-4 Industrial Area Sahibabad Ghaziabad U.P. 201010
372	Shreyans Metal	Plot No. 40, Anand Industrial Estate Mohan Nagar, Ghaziabad, U.P.

Sr. No.	Name of Brick Kilns	Zig-Zag
1	M/s. B.K. Brick Field Old Name Shivani Bhatta Company, Morta, Mahmoodabad, Ghaziabad	Yes
2	M/s. Mahadev Brick Field, Saunda Modinagar, Ghaziabad	Yes
3	M/s. Janta Brick Field Old Name Aakash Brick Field, Village Ristal, Loni, Ghaziabad	Yes
4	M/s Balaji Gramoudyog Sansthan, Village Mahmoodpur Loni, Ghaziabad	Yes
5	M/s. Maa Vasihno Brick Field, Dausa Banjaarpur, Ghaziabad	Yes
6	M/s. Hunny Brick Field, Makrera, Ghaziabad	Yes
7	M/s. Om Bricks Company, Khasra No-530, Village Bhikanpur, Ghaziabad	Yes
8	M/s. Om Bhatta Company, Village Jagjivanpur, Makreda, Ghaziabad	Yes
9	M/s. Mahadev Brick Field, Khasra No-543, 544, Village Nangla Firozpur, Modinagar, Ghaziabad	Yes
10	M/s. Mukul Brick Field, Village Mohamadabad Pipe Line road, Modinagar, Ghaziabad	Yes
11	M/s. Chaudhary Brick Field, Khasra No-1085, Village Saunda, Modinagar, Ghaziabad	Yes
12	M/s Gagan Brick Field, Kalchina, Ghaziabad.	Yes
13	M/s. Triveni Brick Field, Kalchina, Modinagar, Ghaziabad	Yes
14	M/s. Ganesh Brick Field, Bhikanpur, Jagjivanpur, Modinagar, Ghaziabad	Yes
15	M/s. Shiv Brick Field, Bhikanpur, Ghaziabad	Yes
16	M/s. Dev Brick Field, Khasra No-595, 654, 655, Mathurapur, Ghaziabad	Yes
17	M/s. Chaudhary Bhatta Udyog, Sikri Kala, Modinagar, Ghaziabad	Yes
18	M/s. A.B. Bhatta Co. Mahmudabad, Modinagar, Ghaziabad	Yes
19	M/s. Arun Brick Field, Kazampur , Dausa Banjaarpur, Modinagar, Ghaziabad	Yes
20	M Jayanti Prasad & Sons, Mohuiddinpur Kadeem, Loni Ghaziabad	Yes
21	Hariram Brick Udyog, Yakudpur Mawi, Loni, Ghaziabad	Yes
22	Saifi Brick Field, formerly known as Mavi Brick Field, Dausabazarpur Ghaziabad.	Yes
23	Ram Bhattha Udyog, Mohammadur kadeem Modinagar, Ghaziabad.	Yes
24	RN Brick Field, Sikri Kala, Modinagar, Ghaziabad	Yes
25	Durga Bhatta Co, Khasra No-457, Makrera Ghaziabad.	Yes
26	Ansh Brick Field, Bhanera, Modinagar, Ghaziabad.	Yes
27	Experience Brick Field (YASH Brick Field) , Saunda, Modinagar, Ghaziabad.	Yes
28	Tayal Brick Field, Village Kajampur Modinagar, Ghaziabad.	Yes
29	Shiv Brick Field, Village Manaki Modinagar, Ghaziabad.	Yes
30	Ganpati Brick Field, Kalchina, Ghaziabad	Yes
31	Mohammadpur Brick Field, Mohammadpur Kadeem Modinagar, Ghaziabad.	Yes
32	Radha Brick Field, Saunda, Modinagar, Ghaziabad.	Yes
33	Om Sai Brick Field, Saunda, Modinagar, Ghaziabad.	Yes
34	ABC Brick Field, Khasra No-814, Kalchina, Ghaziabad.	Yes
35	Satyam Brick Field, Dausaabazarpur Ghaziabad	Yes
36	Om Brick Field, Old Name P.S. Brick Field, Dausa Banzarpur, Ghaziabad	Yes

37	B.S. Bhatta Company, Village Mahmudabad, Modinagar, Ghaziabad.	Yes
38	B R Realcon-2, Bhadauli, Modinagar, Ghaziabad.	Yes
39	B R realcon, kazampur Modinagar, Ghaziabad.	Yes
40	Friend builwell Pvt Ltd Nagla Feroz mohanpur, Ghaziabad.	Yes
41	Jai Durga Mata Bhattha Company, Manauli, Muradnagar, Ghaziabad.	Yes
42	Shanavi Brick Industries Morta, Ghaziabad	Yes
43	Kanha Brick Field, Old Name R.L. Brick Field, Shahpur Morta, Ghaziabad	Yes
44	Ankit Brick Field, Makrera, Mehmoodabad, Ghaziabad.	Yes
45	Om Brick Co, Nagla Firozpur, Mohanpur, Ghaziabad	Yes
46	Sandeep Brick Field, Bhikhanpur, Ghaziabad	Yes
47	Bhikhanpur Brick Feild., Bhikhanpur, Ghaziabad.	Yes
48	Lakshmi Brick Field, Shamsher Ghaziabad.	Yes
49	Bhalla Brick Industries-2, Shamsher Ghaziabad	Yes
50	Jai Hanuman Brick Field, Khasra No-458, Mathurapur, Ghaziabad	Yes
51	Mahamaya Brick Udyog, Khasra No-657, Mathurapur, Ghaziabad	Yes
52	BHOOMI brick Field, Morta Ghaziabad.	Yes
53	DK Bhattha Co., Abidpur Manaki, Modinagar, Ghaziabad.	Yes
54	DS Bhatta Co-1, Bhikhanpur, Ghaziabad.	Yes
55	Deep Brick Field New name Deep Brick Kiln), Yusufur, Nangla ber, Modinagar Ghaziabad	Yes
56	Mahalaxmi Brick Field, Bhadauli, Modinagar Ghaziabad.	Yes
57	Mahalaxmi Brick Field, Mahmudabad Pipe Line Meerut Road, Ghaziabad.	Yes
58	Chaudhari Bhattha Co., Village Bhadoli, Daulatpur, Ghaziabad.	Yes
59	Shiv Shankar Brick Field, Sikrikala, Mohammadour Kadeem, Ghaziabad.	Yes
60	B S Bhatta Co., Bhadauli, Modinagar, Ghaziabad.	Yes
61	Maya Brick Compony 1, Nangla Firoz Mohanpur, Ghaziabad	Yes
62	Ramesh Brick Field, Shahpur Morata, Ghaziabad	Yes
63	Shiv Shakti Bhattha Co., Shahpur Morata, Ghaziabad.	Yes
64	Satya Brick Field, Bhikhanpur, Ghaziabad	Yes
65	Nehra Brick Field, Old Name Raghav Brick Field, Shahpur Moratha, Ghaziabad	Yes
66	Chaudhary Brick Field, Khasra No-945, Kalchina , Modinagar Ghaziabad.	Yes
67	B S Brick Field, Bhikhanpur, Ghaziabad	Yes
68	Mohd Umar Safiq Brick Field, Khasra No-1200, 1201, Village Nahal, Ghaziabad.	Yes
69	Parvati Brick Field, Yusufpyr Nanglaber, Modinagar, Ghaziabad.	Yes
70	Deep Brick Field, Khasra No-1387, 831, Kalchina, Ghaziabad.	Yes
71	Om Bhatta Co. Old Name Yash Brick Field, Village Mohammadpur Kadeem, Modinagar, Ghaziabad	Yes
72	Samsad Brick Field, Khasra No-1037 or 1038, Kalchina, Ghaziabad.	Yes
73	Noorani Brick Field, Tayodi, Ghaziabad.	Yes
74	Sirohi Brick Field, Tayodi, Ghaziabad	Yes
75	Radha Brick Field, Kalchina, Ghaziabad.	Yes
76	Shahid Salim Brick Field, Kalchina, Ghaziabad.	Yes
77	Nasir Brick Field, Sarva, Ghaziabad	Yes
78	Sparsh Bhatta Co, Bikkanpur, Ghaziabad	Yes
79	Vikas Brick Field, Surana , Sutari, Muradnagar, Ghaziabad.	Yes

80	Lakshmi Brick Field, Bhadoli ,Milkchikarpur, Modinagar, Ghaziabad.	Yes
81	Manish Brick Field, Bhadauli, Modinagar, Ghaziabad.	Yes
82	Dharmarth Brick Field, Surana, Modinagar, Ghaziabad.	Yes
83	Mahi Brick Field, Old Name N.B.F. BRIC Field, Shahjadpur Modinagar, Ghaziabad.	Yes
84	Om Prakash and Sons, Surana , muradgram pursi,Modinagar, Ghaziabad.	Yes
85	Shaukeen Bhattha Company, kharjeevanpur, khimavati, Muradnagar, Ghaziabad.	Yes
86	Shrishtika Brick Field, Bhaneda, Modinagar, Ghaziabad.	Yes
87	Mahadev Brick Udyog, Saunda, Modinagar, Ghaziabad.	Yes
88	Dipanshu Brick Field, (New Name Ankit Brick Field), Surana, Modinagar, Ghaziabad.	Yes
89	Mukesh Bricks, Kumheda, Modinagar, Ghaziabad.	Yes
90	Diya Bhattha Company, Bihang, Modinagar, Ghaziabad.	Yes
91	Aakash Brick Field, Old Name Ganga Brick Field, Amirpur Gadi, Modinagar, Ghaziabad.	Yes
92	KS Brick Field, Jawli Loni, Ghaziabad.	Yes
93	Nishar Brick Field, Khasra No-246, Gram Tyodi, Modinagar, Ghaziabad.	Yes
94	Maa Santoshi Brick Field, Chirodi Jafrabad Ganauli, Ghaziabad.	Yes
95	Hanuman Brick Field, Badshapur Siroli, Loni, Ghaziabad.	Yes
96	Durga Brick Field Village Nithora, Loni, Ghaziabad.	Yes
97	Jai Durga Bhatata Co, Gram Nithora, Loni, Ghaziabad	Yes
98	Sunny Brick Field Village Khadkadhi, Loni, Ghaziabad	Yes
99	Shri Ram Bhatta K. Gram Khatkari Loni, Ghaziabad	Yes
100	Ram Brick Field Village Khatkhari, Loni, Ghaziabad.	Yes
101	Maa Durga Brick Field Village Khadkari, Loni, Ghaziabad	Yes
102	Sachin Brick Field Village Ganauli, Loni, Ghaziabad.	Yes
103	Mahaveer Bhatata Co. Village Dharipur, Loni, Ghaziabad.	Yes
104	P.R.B. Bhatta Co. Village, Sirauli Loni, Ghaziabad.	Yes
105	Kisan Bhatata Co. Village, Siroli, Loni, Ghaziabad.	Yes
106	Shri Sai ram Bhatata Village Badshahpur , Siroli, Loni, Ghaziabad	Yes
107	Shri Radha Krishna Bhatata Co. Village Badshahpur Siraurl, Loni, Ghaziabad.	Yes
108	Rakesh Brick Field Village, Badshahpur, Siroli, Loni, Ghaziabad.	Yes
109	Praveen Brick Field Fateeyabad , Nithora Loni, Ghaziabad	Yes
110	Kisan Brick Field Village Shareefabad, Rajpur Loni, Ghaziabad.	Yes
111	Deepak Brick Field, shareefabad, rajpur, Loni, Ghaziabad.	Yes
112	Ambey Brick Field, Village Rajpur Loni, Ghaziabad.	Yes
113	Radha Krishna Bhattha Co. Village, Rajpur Loni, Ghaziabad.	Yes
114	Balaji Bhatta Co. Old Name Deep Bhatata Co. Khasra No-120, Village Asalatpur Loni, Ghaziabad.	Yes
115	P.R. Bhatta Co. Village Afzalpur , Loni, Ghaziabad.	Yes
116	R.M. Brick Field, (Shrishtika Brick Field) Gram Bhanera MODINAGAR, Ghaziabad.	Yes
117	Deepak Brick Field, Village Bhaneraa Loni, Ghaziabad.	Yes
118	Shree Balaji Brick Field Village Mandola Loni, Ghaziabad.	Yes
119	Shankar Bhattha Co, Village Shakalpura Loni, Ghaziabad.	Yes
120	Shree Ram Brick Field, Khasra No-1235, Village Shaklpura Loni, Ghaziabad.	Yes

121	Arun Brick Field Village Shakalpura Loni, Ghaziabad.	Yes
122	M.S.C. Bhattha Co., Village Mahmudpur Loni, Ghaziabad.	Yes
123	Hans Bhatata Co. Village Javali Loni, Ghaziabad.	Yes
124	Hanuman Brick Udyog, Village Javally Loni, Ghaziabad.	Yes
125	Kuldeep Singh Brick Field Khasra No-1181-1182, Village Jawli, Loni, Ghaziabad.	Yes
126	Ashveer Brick Field, Village Sarfuddinpur, Javali Loni, Ghaziabad.	Yes
127	Deepak Brick Field, Village Javali Loni, Ghaziabad.	Yes
128	Ashwir brick field-2 ,Javali Loni, Ghaziabad.	Yes
129	Baba Mohan ram Brick Field, Village Ristol Loni, Ghaziabad.	Yes
130	Pradhan Brick Field, Gram Dharipur Loni, Ghaziabad.	Yes
131	Shakti Brick Field Village Mevla Bhatthi Loni, Ghaziabad.	Yes
132	Shri Ram Bhatata Co. Village Dharipur Loni, Ghaziabad.	Yes
133	D.C.M. Bhatta Udyog (TATA) Gram Dharipur Murtazabad, Loni, Ghaziabad.	Yes
134	Baba Bhatata Co. Village Dharipur Loni, Ghaziabad.	Yes
135	Praveen Brick Field, Rajpur Loni, Ghaziabad.	Yes
136	Ram Brick Field Village Meval Bhatti Loni, Ghaziabad.	Yes
137	Maa Laxmi Brick Field, Gram Khatkhari Loni, Ghaziabad.	Yes
138	M.R.K. Bhattha Company, Village Badhapur Siroli Loni, Ghaziabad.	Yes
139	M/s. OM Int Industries (Old Name Annpurna Brick Field), Shahpur Road, Morta, Ghaziabad	Yes

1	M/s Mirha Export (India) Pvt. Ltd., Plot No-20/1, Site-4 Sahibabad industrial Area, Ghz	Garbage Burning	25000	28.09.2020
2	Mr. Hansraj, Brijnagar Nanadgram, Ghaziabad	Garbage Burning	25000	20.10.2020
3	Nagar Nigam, Ghaziabad Garbage Dumping at Tulsi Niketan Bhopur Near Mother Dairy Shop no 874	Garbage Burning	25000	23.10.2020
4	Sunder Deep Engineering College, Ghaziabad	Garbage Burning	25000	29.10.2020
5	M/s. Vasu Infrastructure Pvt. Ltd., Rajnagar Extension, Gzb	Garbage Burning	2500000	05.11.2020
6	M/s. Surya Steels, C-166, B.S. Road Industrial Area, Ghaziabad	Garbage Burning	2500000	09.11.2020
7	M/s Tirupati Structurals Limited, Site-4 Nagar Nigam Gzb.	Garbage Burning	25000	02.12.2020

5125000

Action Plan 2021-22 for Crop Residue Management (Uttar Pradesh)

Awareness Generation (IEC Activities)

S.No.	Activity	No.	Period	Coverage
1	Advertisement in Print Media (Leading News Papers)	Weekly	July to August, 2021	75 Districts
2	Million Farmers Schools	15000	July, 2021	10 Lac Farmers
3	Kissano ki baat Vagyaniko ke sath online through NIC	2	July & August, 2021	All Districts
4	State Level Kharif Gosthi	1	June 2021	Headquarter
5	District Level Kharif Gosthi	75	June –July 2021	75 Districts
6	Bolck Level Kharif Gosthi	821	July to August 2021	821 Blocks
7	Fixing of Hoardings	1328	Up to 31 August, 2021	At Block Headquarters : Mandies, Roadside, Market, Schools, Petrol Pump
8	Audio Visual Clips on TV	14 Days (Two Times)	September to October, 2021	On Doordarshan & other popular Channels.
9	Broadcast of Radio Jingles	14 Days (Two Times)	September to October, 2021	On Akashwani & other FM Channels.
10	Display of Audio Video Film	15	July to August 2021	To be prepared by Headquarter & displayed at different Gosthies and training programmes
11	Distribution of Leaflets	10 lac	May to July, 2021	75 Districts
12	Demonstration of implements	500 Ha.	October, 2021	75 Districts
13	Training of progressive farmers	24,333	July to Nov., 2021	1-At government training Institute of the department 2-At 84 KVKs (05 training each of 50 farmers at every KVK)

Comprehensive Action Plan 2021-22 for Crop Residue Management (Uttar Pradesh)

1-Awareness Generation (IEC Activities)

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9	Broadcast of Radio Jingles	14 Days (Two Times)	September to October, 2021	On Akashwani & other FM Channels.
10	Display of Audio Video Film	15	July to August 2021	To be prepared by Headquarter & displayed at different Gosthies and training programmes
11	Distribution of Leaflets	10 lac	May to July, 2021	75 Districts
12	Demonstration of implements	500 Ha.	October, 2021	75 Districts
13	Training of progressive farmers	24,333	July to Nov., 2021	1-At government training Institute of the department 2-At 84 KVKs (05 training each of 50 farmers at every KVK)

2-Availability of implements to individuals farmers and Farm Machinery Banks to FPO's & Societies

- Crop Residue Management implements will be made available to the individual farmers and Farm Machinery Banks to FPO's, Societies and Panchayats under Centrally Sponsored Promotion of Agricultural Mechanization for In Situ management of crop residue Scheme.

Individual Farmers :

- CRM implements will be made available at 50% subsidy from CRM scheme and other implements at 40% -- 50% subsidy from Submission on Agricultural Mechanization Scheme (SMAM).

Farm Machinery Banks :

- Farm Machinery Banks will be provided at 80% subsidy in the following manner.
 - (a) FMB of Rs. 5 – 15 Lakh to FPO's farmer Societies, Cooperative Societies and Cane Societies.
- Rs. 5.00 Lakh - from CRM Scheme - CRM Implements
 - 80% subsidy is Rs 4.00 Lakh
- Rs. 10.00 Lakh – From SMAM Scheme – CRM and Other implements
 - 80% subsidy is Rs. 8.00 Lakh
- (b) FMB of Rs. 5.00 Lakh – To Cooperative, Cane Societies & Panchayats
 - 80% subsidy i.e. Rs. 4.00 Lakh from CRM Scheme

Progress of Implement Distribution (Till 2020-21) :

- | | |
|---|-------|
| - Individual Farmers | 31501 |
| - Farm Machinery Banks to Societies and FPO's | |
| (a) Rs. 5.00 – 15.00 Lakh | 4750 |
| (b) Rs. 5.00 Lakh | 900 |

Action Plan for 2021-22

Individual Farmers at 50% subsidy

CRM Scheme **7160**

Farm Machinery Banks at 80% subsidy-

- | | |
|--|-----|
| (a) Rs. 5.00 to 15.00 lakh to FPO's, Farmer Societies | 800 |
| (Rs. 5.00 Lakh from CRM Scheme
Rs. 10.00 Lakh from SMAM Scheme) | |
| (b) Rs. 5.00 Lakh from CRM Scheme | |
| (Cooperative Societies, Cane Societies & Panchayats) | |
| | 900 |

Time Line

- | | | |
|--------------------------------|---|-----------------------|
| - Empanelment of Manufacturers | - | By 15 April, 2021 |
| - Selection of Beneficiaries | - | By 30 June, 2021 |
| - Distribution of Implements | - | By 30 September, 2021 |

3- Innovative Activities

1-Flodding of field after harvesting and chopping of stubble in the field as adopted successfully in Pilibhit district in the year 2020-21

2-Digging of compost pit and putting the stubble in these pits and leaving for decomposition through spray of waste decomposer as adopted in many districts

3-Farmers would be encouraged to bring Parali to cow shelters and take cow dung from their as successfully done in Unnao district.

4-Use of waste decomposer :- In the year 2020-21 farmers were distributed waste decomposers free of cost. Culture was prepared from 100 ML waste decomposer solution by mixing Besan/Jaggery in it. This culture was spread on the stubble and stubble decomposed in 25 to 28 days. One bottle of 100 ml is sufficient for one acre field.

In the year 2020-21 - 2.62 Lakh bottles brought from National Centre of Organic Farming approved firm and 4000 capsules from IARI, Pusa, New Delhi and were distributed to the farmers free of cost.

In the year 2021-22 - Ten Lakh bottles are planned to be made available to the farmers by the end of August 2021.

4- Supplying Stubble to Cow Shelters :

Uttar Pradesh has 5226 Cow shelters in the state in which 5,63,856 Cows are housed. These require regular supply of fodder for feeding.

25% of stubble can be mixed with their fodder for feeding. These shelters need stubble to be spread on the floors also to save cow from severe winters. This is an innovative activity started by UP Government in which stubble from field to cow shelters was supplied. Labour cost for collection was met by MNREGA and transportation was done by Animal Husbandary Department.

Progress :

Year	Stubble Supplied
2020-21	43,901 MT
2021-22 (Proposed)	50,000 MT