



QUARTERLY PROGRESS REPORT OF NON – ATTAINMENT CITY JHANSI

Submitted on behalf of State of Uttar Pradesh



JULY, 2021 to SEPTEMBER, 2021

UTTAR PRADESH POLLUTION CONTROL BOARD

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

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Basic Information
Jhansi

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

Uttar Pradesh

Chief Environmental Officer (Laboratory)

ceolab@uppcb.in

0522-2720832

Sep-21

Action Point Code	Sector	Total Number of Actions	Number of Actions Completed	Number of Actions Under Porgress
CB	CAPACITY BUILDING, MONITORING NETWORK AND SOURCE APPORTIONMENT	8	4	4
PO	PUBLIC OUTREACH	5	5	0
RD/ C&D	ROAD DUST AND CONTRUCTION & DEMOLITION	21	17	4
VE	VEHICLES	19	9	10
IP	INDUSTRIES	11	10	1
BB/DF	WASTE AND BIOMASS- DUMPING AND BURNING	15	13	2
AQ	AIR QUALITY DATA	9	6	3

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	03 CAAQMS are required in Jhansi City as per CPCB norms. a) UPPCB requested to CPCB for integration and connectivity of 02 CAAQMS installed in industrial units vide letter dated 08.12.2020 & 03.03.2021 with requisite Informations in prescribed format. Connectivity yet to be awaited. b) The request for relocation of 01 CAAQMS	3	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	Timeline shall be provided by CPCB	01 CAAQMS setup	Number	Yes	Detailed Micro Plan for installation of CAAQMS by UPPCB is attached. <u>Annex-CB-1.</u>	Not required, Since funds provided by CSR.	Not required	Not required	Not required

CB1.2	Manual Stations	Existing Infrastructure-2 manual monitoring stations are already installed and functional at Veerangana Nagar and Manik Chowk. Proposed Infrastructure-01 station is proposed to be installed	1 (as per CPCB norms)	Mar-21	No target date available in the City Action Plan as this is an additional action point.	1	Number		Data is available on UPPCB website. http://www.uppcc.com/ambient_quality.htm	Rs. 8.96 lac / year	Rs. 8.96 lac	Rs. 8.96 Lac/year	Rs. 25 Lac for installation of 3rd station
CB3 Assessment of sources													
CB3.1	Emission Inventory	SA/CC study based on available data shall be completed by June 2021 and comprehensive study shall be completed after 3 years from receiving of funds.	Rapid SA/CC study	Jun-21 for rapid study	No	No	Study	Yes	Detailed Micro Plan for EI & SA is attached. <u>Annex-CB-2.</u>	Rs. 6,19,500/-	Rs. 6,19,500/-	Rs. 371700/-	Rs. 80 Lac (for comprehensive SA/CC study)
CB3.3	Source Apportionment Study									(combined for rapid SA/CC 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 (Laboratory/ AQM Cell	AQM cell in UPPCB HQ and Air Lab in UPPCB Jhansi HQ have already been established and are functional	1 Lab & 1 AQMC	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed	Yes	No	Nil	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	District level committee under the Chairmanship of Mistrict Magistrate is functional and meetings are held on monthly basis for reviewing the implementation of City Clean Air Action Plan. DEC meetings during the last quarter held on 31.10.2020 , 02.01.2021 & 21.06.2021.	Monthly	August, 2020 (Immediate) & October, 2020 and thereafter regular monthly meetings	No	12	Number	Yes	All MoM are available on the portal (http://www.upecp.in/HomeMeetingList.aspx)	Not required	Not required	Not required	Not required
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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	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	Number	Yes	1. Grap Implementation report Annex-CB-4. 2. Letter dated 22.12.2020 written by the State to NDMA, CPCB & MoEF&C Annex-CB-5.	Not Needed	Not Needed	Not Needed	Not required
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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 shall be available on Sameer App after CPCB connects the 02 industrial CAAQMSs to the Sameer App. Information as desired by CPCB has been provided by UPPCB. At present, monthly air quality data is being published on UPPCB's website	Regular activity	Regular activity	To be given by CPCB	Regular activity	Yes	No	Nil	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.20 bulletins were published during the last quarter (Jan-Mar 2021)	20	15 days and thereafter as regular activity (15.9.19)	No	20	Number	URL	20 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 Calender 2021-22.	As given in the Calender enclosed.	As given in the Calender enclosed.	Yes due to COVID- 19 pandemic situation	As given in the Calender enclosed.	Number	Yes	Public Awareness Calender for Year 2021-22. <u>Annex-PO-1.</u>	Not required	Not required	Not required	Rs. 25 lacs

PO1.5	Launch mobile app to update public about status of air quality	Air quality data is being published on UPPCB's website on monthly basis.	Regular activity	Regular activity	No	Regular activity	Yes	No	Nil	Not required	Not required	Not required	Not required
PO2	Public Greivance Redressal System												
PO2.1	App Based System	Swachh Vayu App has been developed by UPPCB and is operational since June 2020.The status of disposal of complaints received in Swachh Vayu App as on 01.01.2020 References received:00	Regular activity	Regular activity	No	Complete	Number	Yes	As per detail given in present status	Not required	Not required	Not required	Not required

ROAD DUST AND CONTRUCTION & DEMOLITION

Action point code	Action point	Present Status	Target	Target Date	Deviatio n from Approve d Action Plan Target	Annual Target	Field type	Attach ment	Attachment Contents	Total Funds Allocate d	Funds released	Funds Utilized	Additional Funds Required
RD1	Road dust												
RD1.1	Immediate lifting of solid waste generated from disilting and cleaning of municipal drains for its disposal	All Drain of Nagar Nigam Dumping Place panchwati & Mashiha Ganj	Regular Acivity	Regular Acivity	No	Regular Acivity	Numbe r	Yes	List of drains Attached as Annex RD-1	Not Required	Not Required	Not Required	Not Required
RD1.2	Maintain potholes free roads	In Jhansi Nagar Nigam, there exists a network of 53 Km road length. Work is under progress for potholes free roads in a total length of 6.5 Km Work Complete	6.5 KM	90 days & as regular activity afterwards.	No	Complete d	Numbe r	Yes	List of road Attached as Annex RD-2	Rs. 1.1 Cr	Rs. 1.1 Cr	Rs. 1.1 Cr	Not Required
RD1.3	Regular cleaning of street surfaces and spraying of water to suppress dust.	26 MLD STP Laxmi Tal, Jhansi is ready for trial of commissioning. The STP will be operated and maintained by Jal Nigam Jhansi. It is proposed to use the treated effluent for watering of plants in Naryan Bagh and for dust suppression purpose. Currently manual cleaning is undertaken by Nagar Nigam ina total distance of 6 Km of Narayan Bagh Road (Shivaji Nagar To Badagoan Gate) & Adjesent Roads	2 No. of water tankers and watering 6 Km/day	90 days (Dec 2019)	No	Regular Acivity	Text	Yes	Annex RD-3 attached. As given in present status	Rs. 0.5 Cr	Rs. 0.5 Cr	Rs. 0.4 Cr	Not Required
		A 23 MLD Capacity STP Plant is Run by Jal Nigam Out 4 MLD is Retured back to Laxmi Tal & Can be used For Cleaning of Road	Regular 4.0 MLD	From 15th October, 2020	No	Regular Acivity	Yes	Yes	As given in present status	0.50 Cr.	0.50 Cr.	0.50 Cr.	Not Required

RD1.4	Black-topping of unpaved road	Blacktopping has been done on a total road distance of 9.1 Km against the total target of 12 Km	12 Km of 8 major roads	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	Jun-21	Completed	Number	Yes	List of road Attached as Annex RD-3	Rs. 40 Cr	Rs. 40 Cr	Rs. 31 Cr	Not Required
RD1.6	To take appropriate action to remove road dust/silt regularly by using mechanical sweepers	Mechanical sweeping is being done over a distance of 6 Km per day from Kanpur Baipass Tiraha to Elite Chauraha	6 Km/day	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Regular Activity	Number	Yes	As given in present status	Rs. 0.46 Cr	Rs. 0.46 Cr	Rs. 0.115 Cr	Not Required
RD1.7	End-to-end paving of the road	Strengthening of pavements for 5.6 Km length has been completed	5.6 Km of 9 major roads	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	July 2021	completed	Text	Yes	List of road Attached as Annex RD-4	Rs. 5 Cr	Rs. 5 Cr	Rs. 5 Cr	Not Required
RD1.9	Introduce water fountain at major traffic intersection	10 nos. of fountains are successfully in operation in 3 parks and two road junctions. 2 nos. of fountain are proposed out of which 1 has been installed at Inside Raghunath Rao Park	2	90 days (Dec 2019)	Within one year after approval of budget	ongoing	Number	Yes	As given in present status	Rs. 16 Lac	Rs. 16 Lac	Rs. 8 Lac	Not Required

RD1.10	Widening of roads	Widening and Strengthening of Roads - Jhansi babina road upto bijauli . Four laning of Jhansi-Khajuraho Section (Pkg-I) from Km 0.00 to Km 76.3 (existing Km 108.300 of NH-25 Kanpur-Jhansi Section to Km 82.10) of NH-75/76 in the state of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.	11 Km (9 km Completed and 2 km pending) for Jhansi babina road upto bijauli Four laning of Jhansi-Khajuraho Section (Pkg-I) from Km 0.00 to Km 76.3	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	Sep 21	ongoing	Number	Yes	As given in present status. Detail reports Attached as Annex RD-5	1053.41 Cr	No Fund Alllocated	No Fund Alllocated	No Fund Alllocated
RD1.11	Improvement of infrastructure for decongestion of road.	Nagar Nigam under Jhansi Smart City Project is already in the process of decongesting such roads on priority basis. Under Jhansi Smart City Project making of 9.8 Km smart road has been awarded and its work order is quick to successfully bidder.	9.8 KM	Sep-22	06 Months (Under Litigation)	Under Litigation	Text	Yes	Under Litigation	92.98 Cr.	Not released	Not utilized	Not Required
RD1.15	Create Proper Pedestrian Infrastructure	0.5 Km of pedestrain has been completed Infront of Medical College	0.5 Km	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	March 2021	Completed	Number	Yes	As given in present status	0.5 Cr.	0.5 Cr.	0.5 Cr.	Not Required

RD1.16	All the canals/nullah's side roads should be brick lined. Proper plantation also carried out.	The length of canals in entire District Jhansi is 1234.0 Km and CC lined canal Length is 171.0 Km. Irrigation department Jhansi has planted 22500 trees at various places of irrigation canals area during the Year 2020. The Total length of canals in district Jhansi 1234.150 Km with total length of service road 967.510 Km out of total service road 136.266 Km is pucca road in urban area of distinct Jhansi canal length is 49.910 Km with service road out of which 13.900 Km is pucca road.	The length of canals in entire District Jhansi is 1234.0 Km and CC lined canal Length is 171.0 Km.	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed	Text	Yes	Details are attached as Annex- RD-6	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	In the year 2020-21 72000 svlings were planted at Garighagaon Harsari, Unao Gate and Karari on 102 Acre Land. Jhansi N.N has already developed 15 Kms of green belt area. Development of 6.0 Kms of green belt is also completed. Kanpur By Pass to Sipri Bridge. Green area as per master plan 2031-4.8 Hac, Green area covered- 4.8 Hac, Green area to be covered- 8KM	1. 72000 Plants 2. Green Belt 21.0 Km	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed	Number	Yes	Details are attached as Annex- RD-7	Not Required	Not Required	Not Required	Not Required
RD2.3	Necessary changes in byelaws- Greening of open areas, gardens, community places, schools and housing societies	148909 Plants planted upto 15 July 2020 by the different departments such as Nagar Nigam, JDA, Basic Education and Higher Education Department. Plantation is done on available vacant places on number of plant basis.	148909	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed	Number	Yes	Notiification of bylaws Attached as Annex- RD-8	Not Required	Not Required	Not Required	Not Required

RD2.5	Builders should leave 25%/33% area for green belt in residential colonies to be made mandatory.	JDA is ensuring green belt as per Building bylaws. UPPCB imposes the condition of ensuring plantation either on own premises or elsewhere for setting the carbon footprint.	Green belt in residential colonies	180 Days (June-2020 including the grace period of COVID-19 pandemic situation)	No	Regular activity	Text	Yes	Notiification of bylaws Attached as Annex- RD-9	Not Required	Not Required	Not Required	Not Required
RD2.7	Implementation of maintaining at least 33% forest cover area in the city in master plan.	Jhansi city is already covered under Amrut Yojana. Under this development of 7 nos. of Park is under process. Jhansi N.N has already developed 15 km of green belt area. Plantation of 72000 trees is completed for this financial year by Nagar Nigam 2020-2021 JDA has planted 11400 trees in the month of July 2020 within master plan area of Jhansi at present construction activities are going slowly here and there due to covid 19. Green area as per master plan 2031-4.8 Hac, Green area covered-4.8 Hac, Green area to be covered-8KM	33% Tree cover in city 83400 sapling in 6.6 Ha area	360 days (Dec-2020 with 04 months grace period due to COVID-19 pandemic situation)	No	Completed	Number	Yes	As given in present status	Not Required	Not Required	Not Required	Not Required
C&D1	Construction Activities												
C&D1.1	Ensure transportation of construction materials in covered vehicles	Concerned officials are keeping regular vigil on the movement of trucks carrying construction materials Challans/ Penalty imposed = 00	Regular activity	15 days, and thereafter, continue as regular activity	No	Regular activity	Number	Yes	As given in present status	Not Required	Not Required	Not Required	Not Required

C&D1.2	Strict enforcement of CPCB guidelines for construction (use of green screens, side covering of digging sites, etc.)	1.FUPPCB has launched dustapp www.upecp.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 dated 23.09.2020 and through e-advertisement for the same 2.The app is functional since October 2020 and 01 construction projects have submitted online self dust control audit assessment online. 3.UPPCB has also initiative for installation of PTZ cameras at all the major construction sites with open access to the UPPCB server.	Regular activity	15 days & thereafter as regular activity	No	Regular activity	Text	Yes	Detail of Construction Site attached as Annex-C&D-1	NA	NA	NA	NA
C&D1.4	Covering of construction site.	N.N. Jhansi makes aware the construction agencies for covering the construction areas to avoid dispersion of particulate matter. It is a strict order by N.N. for all engineers to monitor uncovered construction sites. If find uncovered, Impose Heavy Penalty under NGT directions and C&D waste Management Rules 2016 but presently no defaulters has been found.	Regular activity	15 days, and thereafter, continue as regular activity	No	Regular activity	Number	Yes	Detail of Construction Site attached as Annex-C&D-2	Not Required	Not Required	Not Required	Not Required

C&D1.8	Enforcement of Construction and Demolition Waste Rules	According to Construction & Demolition Rules 2016, N.N. Jhansi has identified a land for processing of C&D waste. Transportation charges and penalty for illegal dumping are flourished in public domain. Scientific disposal of C&D waste is to be constructed. Challans/ Penalty imposed = 1275000	Regular activity	15 days, and thereafter, continue as regular activity	No	Completed	Text	Yes	As given in present status	Not Required	Not Required	Not Required	Not Required
C&D1.9	Control measures for fugitive emissions from material handling-conveying and screening operations	Regular inspection are being carried out by JDA/Nagar Nigam official Challans/ Penalty imposed = 00	Regular activity	15 days, and thereafter, continue as regular activity	No	Regular activity	Number	Yes	As given in present status	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.	C&D Waste Management is done by Construction Projects only. There is not major ongoing building construction project in city. Policy for segregation of C&D waste shall be formulated. There is not major ongoing building construction project in city. Policy for segregation of C&D waste shall be formulated.	No Activity	15 days, and thereafter, continue as regular activity	No	NA	Yes/No Number	Yes	As given in present status	Funds not needed separately	Funds not needed separately	Funds not needed separately	Funds not needed separately

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 streng then PUC												
VE1.1	Number of PUC centers in the city	19 PUC Centres are the district	NA	180 days	No	Completed	Number	Nil	List of centers	NA	NA	NA	NA
VE1.2	Regular checking of Vehicular emission and issue of Pollution under Control Certificate (PUC)	Checking of Vehicular emission and A total of 8300 PUCs have been issued till Dec 2020 during the FY 20-21.	NA	180 days	No	Regular activity	Number			NA	NA	NA	NA
VE1.3	Auditing and reform of Pollution Under Control (PUC) certification	8940 vehicles have been checked for PUC certificate		180 days	No	Regular activity	Number			NA	NA	NA	NA
VE3	Freight transport												
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.	NHAI has installed weigh in motion bridges on toll plazas of NH 25, 46, 75 and 44 around the Jhansi and July 2021 to Sep 2021) Number of vehicles Overload Challan: 115 Amount (Rs) received as penalty: Rs. 21.93 Lacs	NA	180 days	No	Completed	Number (2)			NA	NA	NA	NA
VE4	Clean fuel and fuel Quality												
VE4.1	Check on fuel adulteration and random monitoring of fuel quality data	1. Weekly review meetings of the Supply Department are held with the sales managers of various oil companies. 2. Regular inspection and sampling of diesel / petrol outlets is being carried out regular inspection of quality of oil from the level of various oil companies. Inspections are also done with the representative of the oil company under the chairmanship of the District Supply Officer. 3. Filter paper for filter paper test is available at all retail outlets in the district No. of adulterated samples-00 Checked samples No.- 14	NA	As regular activity	No	Ongoing	Number			NA	NA	NA	NA
VE 4.4	Use of Bioethanol in the city/urban transport system/waste to energy.	Monthly sale of Ethanol approximately 600.0 Kilo Liter per Month. 10% Ethanol Blending is being done in petrol	NA	360 days	No	Completed				NA	NA	NA	NA
VE5	Parking Management												

VE5.1	Prevent parking of vehicles in the non-designated areas	No. of vehicles found: 965 No. of vehicles penalized: 965 Amount (Rs) received as penalty: 168700	NA	As regular activity	No	Regular activity	Number (2)			NA	NA	NA	NA
VE5.2	Development of Multi-layer parking	Under Jhansi smart city limited 3 multilevel hydraulic project has proposed and shall be implemented in coming years. Name of the identified sites are: 1. Near Jhansi Fort 2. Minerwa Chauk 3. Police Line Ground Near Jail Chauraha	NA	360 days	March, 2021	Ongoing	Number	Nil	Details of the sites	NA	NA	NA	NA
VE5.3	Penalise parking of vehicles in non designated areas	No. of vehicles found: 965 No. of vehicles penalized: 965 Amount (Rs) received as penalty: 168700	NA	As regular activity	No	Regular activity	Number			NA	NA	NA	NA
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.	In smart city plan the plying of electric buses for public transport is proposed and site selection process for transfer of old bus stand and other related mechanism proposals are under consideration of Nagar Nigam Jhansi.	NA	360 days	No	Ongoing	Number (3)			NA	NA	NA	NA
VE6.7	Steps for promoting battery operated vehicles like Erickshaw/ECart	Nagar Nigam Jhansi will receive 25 nos. of high-class heavy duty e-bus/vehicles from the Directorate of Transport Department. Supporting infrastructure will be proposed at Koncha Bhawar, which will be developed by the C & DS Jal Nigam, Jhansi, U.P. 3 acres of land in Koncha Bhawar already earmarked for city Bus and Charging Station. Under Jhansi Smart City Project, 10 Battery operated smart cart will be procured.	NA	120 days	Mar-21	Ongoing	Text	Nil	Details on the steps	Rs. 25.0 Cr. for Electric Bus & Rs. 17.0 Cr. for Charging Station	NA	NA	NA
VE7.	Traffic Congestion												
VE7.2	Synchronize traffic movements/Introduce intelligent traffic system for lane-driving	At present five traffic light post are installed but not in order. Under smart city project 15 Traffic light post at various places are awarded to M/s Larson and Tubro Ltd..	NA	180 days	Dec-20	Ongoing	Text	Nil	Details on the steps	NA	NA	NA	NA
VE7.3	Prepare plan for construction of diversion ways/ bypasses to avoid congestion due to nondestined vehicles.	NHAI Bypass Jhansi to Lalitpur Highway Road already completed. Three over Bridge of road crossing under construction, A new by Pass of NHAI Digara to Khajuraho Highway via Bhagwantpura is under construction all the civil construction is going on and it may be completed and commissioned by 31.03.2021	NA	360 days	Mar-21	NA	Number	Nil	Details on the sites	7254.55 Lakh	NA	NA	NA

VE7.4	Prepare plan for widening of road and improvement of infrastructure for decongestion of road.	Widening and Strengthening of Roads - 08 Nos., 12 Kms. Overhead Bridges - 04 Nos Nagar Nigam under Jhansi Smart City Project is already in the process of decongesting such roads on priority basis. N.N. Jhansi has constructed widening of 8 Km of road. A proposal of 5 Km road is planned for next financial year. Under Jhansi Smart City Project making of 9.8 Km smart road has been awarded and its work order is quick to successfully bidde	NA	90 days	Mar-22	Ongoing	Text	Nil	Details on the steps	92.23 Cr.	NA	NA	NA
VE8	Launch Public awareness campaign for air pollution control, vehicle maintenance, minimizing use of personal vehicle, lane discipline, etc.	(Dated 22 to 28 July 2021, 24 to 30 October 2021) No. public awareness campaign: 09 No. of people participated: 1470	NA	As regular activity	No	Regular activity	Text	Nil	Details on the steps	NA	NA	NA	NA

VE11	Phase out old vehicles and vehicle scrappage policy												
VE11.2	Restriction on plying and phasing out of 15 years old commercial diesel driven vehicles.	BS VI fuel is being supplied by IOCL, Terminal Depot Jhansi from 01-04-2020 and supply of such fuel is available and retrofitting of particulate filters in diesel vehicles to be done by automobile manufacturers	NA	360 days	No	Ongoing	Number(2)			NA	NA	NA	NA
VE11.3	Enforcement of law against visibly polluting vehicles: remove them from road, impose penalty, and launch extensive awareness drive against polluting vehicles.	Number of vehicles checked: 195 Number of vehicles penalized: 74 Amount (Rs) received as penalty:Rs.74000 in July-Sep 2021	NA	As regular activity	No	Regular activity	Number		Details on the drives conducted	NA	NA	NA	NA
VE11.4	Initiate steps for retrofitting of particulate filters in diesel vehicles, when BS-VI fuels are available.	BS VI fuel is being supplied by IOCL, Terminal Depot Jhansi from 01-04-2020 and supply of such fuel is available and retrofitting of particulate filters in diesel vehicles to be done by automobile manufacturers	Complete Phase out 15 year old commercial diesel vehicles	360 days (Dec-2020 with 04 months grace period due to COVID-19)	Yes (Due to grace period of Covid -19)	Ongoing	Number	Yes	As detail in present status	Not Required	Not Required	Not Required	Not Required
VE12	NMT												
VE12.1	Introducing cycle tracks along with the roads	Development/Strengthening of Cycle zone/Path already taken under Jhansi Smart city Project, which has been tendered. LOI and work order has been issued to the contractor. Length of cycle zone/path is 9.85 Km. Completion time of this project expected is 1 year.	9.8KM	Sep-22	06 Months (Under Litigation)	Under Litigation	Text	Yes	Under Litigation	92.98 Cr. (Along with Smart road)	Not Released	Not Utilized	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												
IP1.2	Action against non-complying industrial units	Consnet to Operate (Water & Air) has been issued by Head Office dated 07.06.2021 to M/s MPCC, (Common Bio Medical Waste Treatment Facility), Jhansi.	Regular activity	Regular activity	No	Regular activity	Number (2)	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
IP1.10	Ensuring installation/Up-gradation and operation of air pollution control devices in industries	70 air polluting units identified in district Jhansi. All units are operating and having adequate APCs.	Regular activity	180 Days (June-2020 including the grace period	No	Completed	Text	Yes	Attachment Annex IP-2	Not Required	Not Required	Not Required	Not Required
IP1.13	Disposal of all non-hazardous wastes into the designated dumping sites	Open dumping sites have not developed for scietficaly disposal .	100% Disposal	Regular activity	No	Regular activity	Number	NA	Template-K is attached .Details on dumping sites including their	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 guarantee is being taken for the compliance of conditions imposed in CTO/CTE for control of Environmental Pollution from industries. Inspection and verification of compliance of conditions imposed in CTE/CTO is regularly carried out by UPPCB personnel. Total No of B.G. in matter of CTE/CTO received in this office 12 Nos	Regular activity	60 days, and thereafter, regular activity	No	Regular activity	Yes	Yes	As per detail given in present status	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	Monitoring of industrial emission is being carried out through 04 Nos. of OCEMS. List of 4 Nos (1. M/s Paricha Thermal Power Project, Jhansi, 2. M/s Diamond Cement, Jhansi, 3. Khetan Chemical and Fertilizer, Jhansi, 4. M/s MPCC (CBWTF), Jhansi	Regular activity	60 days, and thereafter, regular activity	No	Regular activity	Number	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
IP3.3	Development of mobile facility/van for continuous ambient air quality monitoring for different localities.	Under ICCC project of Smart City Mission, it is proposed to have environmental sensors 05 Nos prominent location of the city. Additionally one mobile monitoring van is proposed under NCAP	5 Environmental sensors and 1 mobile van	360 days (Dec 2020 with 04 months grace period due to COVID-19 pandemic situation)	Mar-21	Ongoing	Yes/No	Yes	As per detail given in present status	Rs. 0.36 Cr (ICCC project) Rs. 93.2 Lac	Nil	Nil	Nil
IP3.4	Live camera feed and to take action against non-complying industrial units	Total 04 nos. of Webcams are installed by the 04 industries. List of 4 Nos (1. M/s Paricha Thermal Power Project, Jhansi, 2. M/s Diamond Cement, Jhansi, 3. Khetan Chemical and Fertilizer, Jhansi, 4. M/s MPCC (CBWTF), Jhansi	Regular activity	60 days	No	Regular activity	Yes/No	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required

IP5 Control of air pollution from Brick kilns													
IP5.1	Adapting new technologies for Brick kilns	Converted to ZigZag - 00 (No brick kiln in Jhansi)	Not Required	120 days (Dec 2019)	No	Not Required	Number	No	Nil	Not Required	Not Required	Not Required	Not Required
IP5.2	identification of brick kilns and their regular monitoring including use of designated fuel and closure of unauthorized units.	No brick kiln in Jhansi	Not Required	60 days (Oct 2019)	No	Not Required	Yes/No	No	Nil	Not Required	Not Required	Not Required	Not Required
IP5.3	Conversion of natural draft brick kilns to Force/ induced draft.	Converted to ZigZag - 00 (No brick kiln in Jhansi)	Not Required	120 days (Dec 2019)	No	Not Required	Number	No	Nil	Not Required	Not Required	Not Required	Not Required
IP11	Control of air pollution from generator sets												
IP 11.6	Monitoring of DG sets and action against violations. Fine should be imposed on defaulters.	Diesel Generators are totally banned. Challans/ Penalty imposed = 00	Regular activity	30 days (Sep 2019)	No	Regular activity		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	N.N. Jhansi is well aware and conscious for burning of Municipal Solid waste. All the Circle Sanitary Inspector are responsible for check and control. N.N. Jhansi also uses the Fire extinguisher at Masiha Ganj waste dump site for often burning in Solid Waste. No. of Nagar Nigam teams involved: 05 No. of inspectiooins conducted : 08	Regular activity	90 days (Dec 2019)	No	Regular activity	Number	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
BB1.2	Defaulters for open burning to be imposed fines	Burning of leaves, garbage is highly discouraged in Jhansi Municipal area. It is encouraged to develop facility for composting of biodegradable waste in parks and green belt area under Solid waste Management project. N.N. Jhansi launches regular drive against open burning of Biomass/Garbage in Dumpsite Masiha ganj & Panchwati in the city areas. Spot fines and through Chalan enforcement drive use to executed on regular basis. Spot Fine Rs. 5000.00 has been Deposit.	Regular activity	90 days (Dec 2019)	No	Regular activity	Number	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required

BB1.3	Identify Garbage burning locations	Burning of leaves, garbage is highly discouraged in Jhansi Municipal area. It is encouraged to develop facility for composting of biodegradable waste in parks and green belt area under Solid waste Management project. N.N. Jhansi launches regular drive against open burning of Biomass/Garbage in the Dumpsite Masiha ganj & Panchwati in the city areas. Spot fines and through Chalan enforcement drive use to executed on regular basis.	Regular activity	30 days (Oct 2019)	NO	Regular activity	Number	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
BB1.4	Prohibition/complete ban on garbage burning.	N.N Jhansi has been made and published by-laws complete ban on littering of streets and other sanitary violations. There is very strict monitoring by our Sanitary staffs and officers. Challans/ Penalty imposed = 00	Regular activity	180 days (Dec 2019)	No	Regular 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.	Burning of leaves, garbage is highly discouraged in Jhansi Municipal area. It is encouraged to develop facility for composting of biodegradable waste in parks and green belt area under Solid waste Management project and constructed two Composting Plant at Muskan Jyoti Shivaji Nagar & Arva Asossiate Near kashiram Park. N.N. Jhansi launches regular drive against open burning of Biomass/Garbage in the city areas. Spot fines and through Chalan enforcement drive use to executed on regular basis.	Regular activity	90 days (Dec 2019)	No	Regular activity	Yes	Yes	As per detail given 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.	Composting pits for disposal of Horticulture waste are already been constructed in various Parks i.e.Vrindavan Verma Park, Maithili Sharan Gupt Park, Rani Laxmi Bai Park, Veerangana Nagar Park, Kashiram Park Masiha Ganj. No. of composit pits in each park: 02	Regular activity	90 days (Dec 2019)	No	Completed	Number	Yes	As per detail given in present status	10.0 Lac		Nil	Nil
BB1.9	Awareness for controlling of burning of agricultural waste and crop residue.	action plan for awareness generation & IEC Activities on crop residue management has been prepared by agricultural department for awareness on burning of crop residue.	Regular activity	Regular activity	Regular activity	ongoing	Regular activity	yes	Action Plan on Crop residue management for IEC activities. Annex-WB-1	Not Required	Not Required	Not Required	Not Required

BB1.10	No plot should be left open more than 02 years and planting of trees must be mandatory on vacant plots.	For open plots and their construction, N.N. Jhansi will prepare Bye Laws/Guidelines within prescribed timeline. Regular Cleaning Being Done.	Regular activity	90 days	Mar-21	ongoing	Number	No	Nil	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	For disposal of dead bodies of animals, N.N. Jhansi already prepared Carcass Management Plan and DPR is under consultation for approval .	Regular activity	360 days (Dec 2020)	DPR is under consultation for approval	ongoing	No	Yes	As per detail given in present status	5.0 Cr.	Nil	Nil	Nil
BB 1.12	Door to Door collection of segregated waste by agency and then its disposal directly in plant without dumping it on land.	N.N.Jhansi is already collecting the segregated waste from the door step of household and commercial established on regular basis by the dedicated compartmentalized vehicles/tri cycle by well appointed 6 door to door waste collection agencies. Two Wet waste composting plant established in Masha Ganj and Shivaji Nagar Jhansi . One Dry waste (Plastic waste Management) plant and 60 Porta Cabins has been established for dry waste collection and processing.	Number of sites-02	90 days (Dec 2019)	No	Completed	Text	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required

BB2	Ensure segregation of waste at source	N.N.Jhansi is already collecting the segregated waste from the door step of household and commercial established on regular basis by the dedicated compartmentalized vehicles/tri cycle by well appointed 6 door to door waste collection agencies. Two Wet waste composting plant established in Masha Ganj and Shivaji Nagar Jhansi . One Dry waste (Plastic waste Management) plant and 60 Porta Cabins has been established for dry waste collection and processing.	Total 25MT waste segregation	90 days (Dec 2019)	No	Completed	Number	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
BB3	Proper collection of Horticulture waste and its disposal following composting-cumgardening approach	Composting pits for disposal of Horticulture waste are already been constructed in various Parks i.e.Vrindavan Verma Park, Maithili Sharan Gupt Park, Rani Laxmi Bai Park, Veerangana Nagar Park, Kashiram Park Masiha Ganj. No. of composit pits in each park: 02	No. of composit pits in each park: 02 Nos.	90 days (Dec 2019)	No	Completed	Number	Yes	As per detail given in present status	10.0 Lac	10.0 Lac	10.0 Lac	Not Required
BB6	Check/stop on Stubble Burning	There has been 36% reduction in burning incidents in year 2019 compared to year 2018, 52% less as compared to year 2017 and 56% less as compared to year 2016. A total of 347 cases have been reported during Oct-Nov 2020	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-2.	As per Action Plan	As per Action Plan	As per Action Plan	As per Action Plan

BB11	Fire crackers—regulate to control their usage	As per Hon'ble Supreme Court's directions, sale of high decibel fire crackers was totally banned and only less polluting green crackers were allowed during this diwali.	Regular activity	30-11-2020	No	Completed	Text	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required
DF1	Domestic Fuel												
DF1.1	Increasing the LPG connections in low income strata.	Under the Ujjwala scheme, according to the new standards, free gas connections have been provided to 187565 families covered by the ration card of Antyodaya card holders and eligible Grahasthi families benefiting from SC / ST families. Training for the method and benefits of use of LPG is being provided at the time of issuing gas connections as well as in the awareness camps It was informed by the nodal officer that a small domestic gas cylinder of	Regular activity	30 days (Oct 2019)	No	Regular activity	Number (2)	Yes	As per detail given in present status	Not Required	Not Required	Not Required	Not Required

AIR QUALITY DATA

Action Code	Action Point	Field type	Attachment	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Attachment Contents
AQ1.1	Monthly averages for PM2.5 (In µg/m3)	Number (12)	-	-	-	-	-	-	-	-	-	-	-
AQ1.2	Monthly averages for PM10 (In µg/m3)	Number (12)	-	171.33	153.19	127.65	115.78	123.90	121.02	49.89	44.81	47.37	-
AQ1.3	Monthly averages for SO2 (In µg/m3)	Number (12)	-	9.57	8.45	8.08	7.20	8.95	7.95	4.84	5.19	5.39	-
AQ1.4	Monthly averages for NO2 (In µg/m3)	Number (12)	-	19.92	18.97	16.57	19.04	22.19	22.14	12.78	10.36	9.78	-
AQ1.5	Annual averages for PM2.5 (In µg/m3)	Number (1)	-	-									-
AQ1.6	Annual averages for PM10 (In µg/m3)	Number (1)	-	109.35									-
AQ1.7	Annual averages for SO2 (In µg/m3)	Number (1)	-	7.48									-
AQ1.8	Annual averages for NO2 (In µg/m3)	Number (1)	-	14.85									-
AQ1.9	Monthly Meterological Data		No	-									-

MICROLEVEL PLANNING OF CITY ACTION PLAN- JHANSI
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 Jhansi city	<p>03 CAAQMS are required in Jhansi City as per CPCB norms.</p> <p>➤ UPPCB requested to CPCB for integration and connectivity of 02 CAAQMS installed in industrial units vide letter dated 08.12.2020 & 03.03.2021 with requisite Informations in prescribed format. Connectivity yet to be awaited.</p> <p>➤ The request for relocation of 01 CAAQMS proposed Under CPSU-CSR fund by CPCB in Lucknow city has been proposed for Jhansi vide dated 22.12.2020.</p>	Low	Funds provided by CPSUs under CSR scheme. No funds required for CAAQMS installed in Industries.	Timeline to be provided by CPCB.	CPSU/CPCB	No	Not required to UPPCB	Chief Environment Officer (Laboratory) UPPCB	Member Secretary, UPPCB

Timelines for the project – Installation of CAAQMS in Jhansi

Activity	Sub-activity	Timeline							Remarks
		Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	March 21	
Prebidding stage	Preparation of tender document								Completed by Industries
Bidding stage	Calling of bids & its approval								Completed
	Release of work order								Completed
Project execution	Procurement of CAAQMS								Completed
	Selection of location								Completed
	Installation of CAAQMS								Completed
	Connecting CAAQMS to the online CPCB server for real time monitoring								to be done by CPCB

	Calibration of CAAQMSs		Regular Activity
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Mechanism for Monitoring, Review and reporting

Key performance indicators	Performance assessment (for 01 station of UPPCB)		Reasons for delay in completion	Steps taken to minimize the delay
	Parameter	Details		
Timely completion of activities	Procurement			
	Installation			
Operation of the CAAQMS	Total parameters analysed			
	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			

Knowledge and database augmentation – Source apportionment studies (Monthly)

Action point	Time Target	Implementation agencies
Comprehensive Source Apportionment, Emission Inventory & Carrying Capacity Assessment	approx. 3 years(after receiving of funds from CPCB/MoEF&CC)	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 Source Apportionment, Emission Inventory & Carrying Capacity Assessment study for Jhansi	Work will be started after receiving the funds from CPCB/MoEF&CC.	-	Rs 150 lacs	03 Years after receiving of funds	CPCB/MoEF&CC	Nil	Rs. 150 lacs	Chief Environment Officer (Laboratory) UPPCB/ AQM Division, CPCB, Delhi	Member Secretary, UPPCB/ AQM Division, CPCB, Delhi
Rapid study of Source Apportionment & Carrying Capacity for Jhansi	Rapid study of Source Apportionment & Carrying Capacity for Jhansi is undergoing by IIT-Kanpur	-	Rs. 6.19 lacs	Dec-2021	UPPCB	Rs.6.19 lacs	No		

Timelines for the *Comprehensive SA/EI* study for JHANSI (Expected timeline depending on the work order issued by CPCB, Delhi)

Activity	Sub-activity	Timeline (Acctual timeline to be provided by CPCB, Delhi)						Remarks
		Sept 21	Oct 21- Sep 22	Sept 22- Dec 22	Jan 23 – Jul 23	Aug -Oct 23	Nov 23- Dec 23	
			25%	25%	25%	25%		
Proposal stage	Release of work order							
Project execution	Data collection for emission inventory							
	Preparation of emission inventory							
	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								

Timelines for the Comprehensive CC study for JHANSI (Expected timeline depending on the receiving of funds)

Activity	Sub-activity	Timeline (Actual timeline to be provided by CPCB, Delhi)					Remarks
		Sept 21	Oct 21- Jan-22	Feb22- Apr 22	May22- Jul 22	Aug22 - Oct22	
			25%	25%	25%	25%	
Proposal stage	Release of work order						
Project execution	Data collection and compilation of monitored data for the 10 years						
	Preparation of emission inventory						
	Application of dispersion model						
	Literaturereview and protocol for CC						
	Data interpretation & compilation						
	Final report preparation & submission						
	Presentation & discussion on the submitted report						

Timelines for the Rapid study of Source Apportionment & Carrying Capacity (undergoing)

Activity	Sub-activity	Timeline					Remarks
		April 20	June 20 -Dec 20	Jan 21- Feb21	March 21	May- July 21	
			25%	25%	25%	25%	
Proposal stage	Release of work order						
Project execution	Data collection and compilation of monitored data for the 10 years						
	Preparation of emission inventory						
	Application of dispersion model						
	Literaturereview and protocol for CC						
	Data interpretation & compilation						
	Final report preparation & submission						
	Presentation & discussion on the submitted report						

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			

	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, ATDGC, 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 subjected to COVID-19 Pandemic Conditions
16	Environmental Data Interpretation, Compilation, Analysis, Presentation and Reporting – Hands-on-Training and Case Study	Offline	Indian Statistical 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 subjected to COVID-19 Pandemic Conditions
17	Environmental Legislations, Interpretation, Enforcement, Legal and Statutory	Offline	National Law 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 subjected 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

Action Taken Report of Jhansi City upto Feb-2021

a) Enforcement

S. No.	Air pollution sources	No. of teams deput ed for inspection	No. of total inspections	No. of defaulter s	Action taken					
					Notic es	Cas e s refer red for fine unde r NGT Act.	Fine imposed	Fine collecte d (in Rs.)	Show cause notic e	No. of Closures done
1.	Industrial activity	1	52	24	18	2	411500	0	4	0
2.	Open burning • Municipal • Biomass	1	50	8	4	0	0	0	0	0
3.	Dust from Building Construction projects/ Highways/ Building materials	1	3	3	2	0	0	0	0	0
4.	Dust from Construction & Demolition Activities	1	2	2	2	0	1275000	0	0	0
5.	Air Pollution from Brick Kilns	1	4	4	4	0	0	0	0	0
6.	Visible Polluting Vehicle	1	0	15	0	0	150000	0	0	0
7.	Old Polluting Vehicle	1	0	288	0	0	1624500	0	0	0
Total		7	111	344	30	2	3461000	0	4	0

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.

CEO (Lab)
F/1100
22-12-2020
(भाषीष तिवारी)
गदस्य सचिव

SA(S)
20/11/2020
CS

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.



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/Industries 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/Builders/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

क्र.सं.	नाला सफाई कार्य कार्य का नाम
1	वार्ड नं 27 अजय इन्वलेव से लक्ष्मी तालाब की ओर नाला सफाई का कार्य।
2	वार्ड नं 45 छानियापुरा में शिव होटल तथा सामुदायिक शौचालय से अजय इन्वलेव तक नाला सफाई का कार्य।
3	वार्ड नं 27 शिवाजी नगर में न्यू ब्रिलिएण्ट स्कूल से श्याम घोषड़ा कुण्ड तक नाला सफाई का कार्य।
4	वार्ड नं 18 में कानपुर रोड पर कब्रिस्तान से नई तहसील व श्याम फर्नीचर होते हुए बिलिएण्ट पब्लिक स्कूल के पीछे तक नाला सफाई का कार्य।
5	वार्ड नं 53 खण्डेराव गेट में आतियाताल के चारों ओर तथा तालाब से दीक्षिता जी के मकान तक नाला सफाई का कार्य।
6	वार्ड नं 39 होमगार्ड ट्रेनिंग सेन्टर के पीछे अरविन्द के मकान से मनोज वर्मा से होते हुये बन्धन वाटिका तक नाला सफाई का कार्य।
7	वार्ड नं 39 दतिया गेट बाहर में घोबी घाट के पास ईदगाह से नागो जी की पुलिया से फिल्टर रोड तक नाला सफाई का कार्य।
8	वार्ड नं 08 नई बस्ती में आतिया तालाब रोड से रामजानकी मन्दिर होते हुये एवं श्री पठला हनुमान मन्दिर होते हुये मेन रोड घटोरिया तक नाला सफाई का कार्य।
9	वार्ड नं 08 नई बस्ती में सर्व यू0पी0 ग्रामीण बैंक से आयुर्वेदिक रिसर्च संस्थान के अन्दर होते हुये एवं ईदगाह होते हुये पठोरिया की पुलिया तक नाला सफाई का कार्य।
10	वार्ड नं 37 एवं वार्ड नं 39 में युदरी महिला शौचालय के पास कुशवाहा के खेत होते हुए सूजे खां खिड़की के आगे तक नाला सफाई का कार्य।
11	वार्ड नं 27 में कैलाश रेजीडेन्सी से लक्ष्मीतालाब की ओर नाला सफाई का कार्य।
12	वार्ड नं 14 झाकन बाग में क्रिश्चियन हॉस्पिटल से बी0आई0सी0 गण्ड होते हुए नगरिया कालोनी होते हुए व श्री काली माई मन्दिर एवं कोरी धर्मशाला के पीछे से होते हुए कसाई मण्डी रोड की पुलिया तक नाला सफाई का कार्य।
13	वार्ड नं 03 नट्टागांव में सामुदायिक शौचालय से सिंगर पुलिया तक नाला सफाई का कार्य।
14	वार्ड नं 27 शिवाजी नगर में श्री रामसेवक के मैदान से हनुमान जी मन्दिर, कानपुर रोड तक नाला सफाई का कार्य।
15	वार्ड नं 44 सिविल लाइन्स उत्तरी भाग अशोक होटल से इलाहाबाद बैंक रोड श्री राजेश पुरोहित के मकान के पास तक नाला सफाई का कार्य।
16	वार्ड नं 51 में ईलाइट सिनेमा के पास पुलिया से एस0एस0पी0 ऑफिस होते हुए अरोरा आर्टिकल तक नाला सफाई का कार्य।
17	शिवपुरी रोड पर नन्दनपुरा पुलिया से श्री मंगल सिंह कुआं होते हुए श्री लहर की देवी मन्दिर के पीछे स्थित पुलिया के आगे पक्के नाले तक नाला सफाई का कार्य।
18	वार्ड नं 35 के अन्तर्गत ताज कम्पाउण्ड कब्रिस्तान से नन्दनपुरा पुलिया तक नाला सफाई का कार्य।
19	वार्ड नं 23 लहरगिर्द में एस0आई0सी0 स्कूल के पीछे से श्री लहर की देवी मन्दिर के पीछे तक नाला सफाई का कार्य।
20	वार्ड नं 44 सिविल लाइन्स उत्तरी सर्किट हाउस से ब्रजरानी गार्डन एवं तुलसी होटल से चावला जी होते हुए कच्चे पुल तक नाला सफाई का कार्य।
21	वार्ड नं 36 व 46 के अन्तर्गत कच्चापुल से प्रेमगंज होते हुये एस0आई0सी0 के पीछे नाला सफाई का कार्य।
22	वार्ड नं 46 सीपरी बाजार कारगिल पार्क के पास बनी पुलिया से पं0 विवाह घर होते हुए नालगंज की पुलिया तक नाला सफाई का कार्य।
23	वार्ड नं 41 में श्री उद्यम सिंह के मकान से श्री शंकर जी मन्दिर होते हुये मुन्ना बिल्डिंग मैटेरियल होते हुये व शंकर वेल्लिंग वर्क्स होते हुये नहर की पुलिया तक (शंकर जी मन्दिर के सामने निर्माणधीन नाला छोड़कर) नाला सफाई का कार्य।
24	वार्ड नं 41 शिवपुरी रोड पर नहर की पुलिया से शिवपुरी रोड क्रॉस करते हुए जिला होम्योपैथिक चिकित्सालय होते हुए आल्हाघाट मन्दिर तक नाला सफाई का कार्य।

25	वार्ड नं० 02 तालपुरा में सरस्वती ज्ञान मन्दिर के सामने से कलाश रेजोडेन्सी की दीवार से होते हुए अजय इन्वलेप तक नाला सफाई का कार्य।
26	वार्ड नं० 11 बाहर सौर गेट में कलाश से श्री सतीश अहिरवार होते हुए फसाई मण्डी तिराहा तक नाला सफाई का कार्य।
27	वार्ड नं० 12 एव 05 में गढ़िया फाटक से अरुण डिस बाले के मकान से कबरस्तान सुमेर नगर की पुलिया होते हुए पहडी कालोनी तक नाला सफाई का कार्य।
28	वार्ड नं० 12 स्कुलपुरा में एम0एस0राजपूत स्कुल की पुलिया से राजबहादुर के मकान तक नाला सफाई का कार्य।
29	वार्ड नं० 07 पुलिया नं० 9 में महाराज सिंह नगर पुलिया से टपरियन पुलिया तक नाला सफाई का कार्य।
30	वार्ड नं० 25 बगीचा रेलगज तेल वाली पुलिया से जयसवाल हाउस होते हुये सार्वजनिक शौचालय के आगे तक नाला सफाई का कार्य।
31	वार्ड नं० 06 मोहल्ला तलेया नैनागढ़ में श्रीमती वन्दना यादव के मकान से दीपक अग्रवाल के प्लाट तक नाला सफाई का कार्य।
32	वार्ड नं० 10 मोहल्ला महावीरन के लोहार की पुलिया से विमल गुप्ता बाया साहू आटा चक्की तक नाला सफाई का कार्य।
33	वार्ड नं० 13 नगरिया कुआ में अंजनी मन्दिर की पुलिया से जगमान के खेत तक नाला सफाई का कार्य।
34	पंचकुईया मन्दिर होते हुये भाण्डेशी गेट नगरिया कुआ तक नाला सफाई का कार्य।
35	वार्ड नं० 32 पिछोर में मेडीकल वाउण्ड्री के अन्दर 700 मी० लम्बाई में नाला सफाई का कार्य।
36	वार्ड नं० 27 में लक्ष्मी गेट से लक्ष्मी तालाब तक नाला सफाई का कार्य।
37	वार्ड नं० 37 बसल कालोनी से पठौरिया तक नाला सफाई का कार्य।
38	वार्ड नं० 37 एव वार्ड नं० 39 में पठौरिया मन्दिर की पुलिया से फिल्टर रोड तक नाला सफाई का कार्य।
39	वार्ड नं० 30 उन्नाव गेट बाहर खुमान का बगीचा पुलिया से अंजनी माता मन्दिर पुलिया तक नाला सफाई का कार्य।
40	वार्ड नं० 26 जी० नाउण्ट हाई स्कुल में पहडी कालोनी होते हुए खोड़न की पुलिया से ऋषि गोस्वामी के मकान तक नाला सफाई का कार्य।
41	वार्ड नं० 07 पुलिया नं० 9 में नारायणसिंह फार्म हाउस से श्मशानघाट होते हुए लखवुयुय स्कुल तक नाला सफाई का कार्य।
42	वार्ड नं० 15 गढ़ियागांव में बहादुर मैरिज गार्डन से शाजिद के मकान तक नाला सफाई का कार्य।
43	वार्ड नं० 22 राजगढ़ में एल्टिगो कालोनी के बगल से बाउण्ड्रीवाल के किनारे रोड पर बनी पुलिया तक 300 मीटर लम्बाई में नाला सफाई का कार्य।
44	वार्ड नं० 09 हंसारी टपरियन में टपरियन पुलिया से श्री अशोक बाल्मिकि के मकान से शौचालय तक नाला सफाई का कार्य।
45	वार्ड नं० 31 लहरगिर्द अन्तर्गत सूती मिल महेन्द्रपुरी कालोनी शिवहरे के मकान से बड़े पुल के आगे खेत तक नाला सफाई का कार्य।
46	वार्ड नं० 31 लहरगिर्द के अन्तर्गत हाईवे नहर सैनिक ढाबा से बन्वू यादव के मकान के पीछे से होते हुए शक्ति मन्दिर के आगे तक एव पेडा फेक्ट्री के पास सरदार जी के मकान तक नाला सफाई का कार्य।
47	वार्ड नं० 3 भटटागांव में श्री नशरद के मकान से नन्दराम के मकान तक नाला सफाई का कार्य।
48	वार्ड नं० 05 ईसाईटीला में बाबा गैस बैल्टिंग की दुकान से बन्वू यादव महेश जगराम बाबू के मकान होते हुए चन्द्रप्रकाश के मकान तक नाला सफाई का कार्य।
49	वार्ड नं०-57 के अन्तर्गत मिशन कम्पाउण्ड से होते हुए सुल्तान खान के मकान से जी०आई०सी० से ग्यालियर रोड तक नाला सफाई का कार्य।
50	वार्ड नं०-40 में सीपरी पुल से नन्दनपुरा पुलिया तक नाला सफाई का कार्य।
51	वार्ड नं० 16 मत्सीहा गज सतीष मास्टर के मकान के पीछे से राजय चौहान के मकान , बड़े नाले तक नाला सफाई का कार्य।
52	वार्ड नं० 50 के अन्तर्गत बाहर बडागांव गेट श्री अर्जुन सिंह यादव से नवीन चन्द्र पाण्डेय होते हुये लक्ष्मीताल तक नाला सफाई का कार्य।
53	वार्ड नं० 41 आवास विकास में मंगल सिंह यादव से बैकर्स कालोनी गांड़ तक नाला सफाई का कार्य।

54	वार्ड नं0 23 लहरगिर्द में पहुघ नदी जय अकदमी गेट से बिहारी घौराहा तक नाला सफाई का कार्य।
55	वार्ड नं0 23 लहरगिर्द में नन्दनपुरा पुलिसिया से राजघाट घौराहा होते हुए जे0एम0के0मोटरस तक नाला सफाई का कार्य।
56	वार्ड नं0 40 में बालाजी मन्दिर से रसबहार कालीनी मन्नी यादव के मकान होते हुए छोटी माला मन्दिर पोले घर्च से आगे तक नाला सफाई का कार्य।
57	वार्ड नं0 40 में पुरानी कलारी घौराहा से होटल हाईवे गोरवामी कम्पाउण्ड होते हुए नन्दनपुरा घौराहा तक नाला सफाई का कार्य।
58	वार्ड नं0 39 के अन्तर्गत ऐशबाग कालीनी से बन्धन वाटिका तक नाला सफाई का कार्य।
59	वार्ड नं0 38 अलीगोल खिडकी से पूर्व पार्सद के मकान के पहले से पुलिसिया तक नाला सफाई का कार्य।
60	वार्ड नं0 32/27 के अन्तर्गत भारत पेट्रोल पम्प से मेडिकल पुलिसिया घौकी गेट नं0 1 तक नाला सफाई का कार्य।
61	वार्ड नं0 50 के अन्तर्गत बडागाव गेट से सूजे खा खिडकी कोट के किनारे गोपाल का बगीचा होते हुए भूतनाथ मन्दिर तक नाला सफाई का कार्य।
62	वार्ड नं0 50 के अन्तर्गत गुदरी नाले खिडकी से बाहर के पुरा होते हुए अमन का बगीचा घूना भटटी तक नाला सफाई का कार्य।

Annex- RD-2

RD 1.2 – Maintain potholes free roads

क्र०सं०	सड़क का नाम	लम्बाई (कि०मी०)
1	वार्ड नं० 23 लहरगिर्द में श्री मुन्ना खान से श्री रामदास के मकान तक।	0.13
2	वार्ड नं० 43 चमनगंज पुलिस चौकी से रसबहार चौराहा तक।	0.18
3	वार्ड नं० 51 सिविल लाइन्स में श्री अशोक यादव से डी०आई०जी०रोड पर तथा सुन्दर बिहार शेखर गैस वाले से रूबी टीचर होते हुए वीरेन्द्र खण्डेराव तक।	0.28
4	वार्ड नं० 44 सिविल लाइन्स में मधु सक्सेना के मकान से श्री मुकेश साहू के मकान तक एवं बी०बी०राय के मकान तक।	0.35
5	वार्ड नं० 58 गोसाईपुरा मानिक चौक से सिंधी तिराहे से मानिक चौक तक।	0.50
6	वार्ड नं० 19 बंगलाघाट में सेवक राम नमकीन भण्डार से बड़ागांव गेट तक।	0.50
7	वार्ड नं० 20 गुदरी में चौराहे से ओम बेकरी तक मुख्य सड़क तक।	0.46
8	वार्ड नं० 56 दतिया गेट से गंधीगर टपरा तक मेडीकल स्टोर तक।	0.60
9	वार्ड नं० 37 दतिया गेट बाहर में नेहा ब्यूटी पार्लर से ग्वालियर रोड तक।	0.40
10	वार्ड नं० 12 स्कूलपुरा में यादव दूध भण्डार से मस्जिद होते हुए बी०एस०एन०एल० आफिस तक हाट के मैदान तक।	0.40
11	वार्ड नं० 44 सीताराम के पीछे आशीष राठौर से हरीश शर्मा एवं भार्गव जी के मकान से शंकर जी के मन्दिर तक।	0.32
12	वार्ड नं० 12 स्कूलपुरा में गढ़ियाफाटक से भारती आष्टिकल की दुकान तक।	0.37
13	वार्ड नं० 1 हंसारी में मां गजानन आई०टी०आई० से कल्लू के मकान , मुख्य मार्ग तक।	0.24
14	वार्ड नं० 51 सिविल लाइन्स में श्री विनय अग्रवाल से पी०एन०गर्ग तक।	0.15
15	वार्ड नं० 5 इसाईटोला में कब्रिस्तान से खातीबाबा रोड तक।	0.50
16	वार्ड नं० 43 कच्चे पुल से अमन मोबाइल होते हुए श्री साई मन्दिर तक।	0.55
17	वार्ड नं० 43 मेजर ध्यानचन्द्र मार्ग पर कालेज बुक डिपो से भोला मिष्ठान भण्डार तक।	0.52
	योग-	6.45 Km
	अर्थात्-	6.50 Km

Action point code	Action point	Road Type	Name of Road	Road Length	Estimated Budget Required	Budget Allocated	Timeline for Completion	Attachment Contents
RDI 2	Maintain potholes free roads	Major City Roads including State Road State Road National Road Other City Road	17 major road	6.5 km	1.1 Cr	1.1 Cr	Completed	Name of potholes free roads are attached as Annex- RD 1.2
			WORD NO 23 LAHARGIRD ME SHRI MUNNA KHAN SE SHRI RAMDASHI KE MAKAN TAK	0.13			Completed	
			WORD NO 43 CHAMANGANJ PULICE CHOCKI SE RASBAHAR CHAOURAHA TAK	0.18			Completed	
			WORD NO 51 CIVIL LINE ME ASHOR YADAV SE D.I.G. ROAD PAR TATHA SUNDAR BIHAR SHEKHAR GAS WALE SE RUBI TEACHER HOTE HUA VEERENDRA KHANDERAV TAK	0.28			Completed	
			WORD NO 44 CIVIL LINE ME MADHU SAKSENA KE MAKAN SE SHRI MURTI SAHU KE MAKAN TAK AND B.B. RAI KE MAKAN TAK	0.35			Completed	
			WORD NO 58 GOSAIPURA MANIK CHOCK SE SINDHI TIRAH SE MANIK CHOCK TAK	0.5			Completed	
			WORD NO 19 BANGLAGHAT ME SEVARRAM NAMKEEN BHANDAR SE BADAGOAN GATE TAK	0.5			Completed	
			WORD NO 20 GUDRI ME CHOURAHE SE OM BEKRI TAK MUKHYA SADAK TAK	0.46			Completed	
			WORD NO 56 DATIA GAE S GANDHIGAR TAPRA TAK MEDICAL STORE TAK	0.6			Completed	
			WORD NO 37 DATIA GATE BAHAR ME NEHA BEAUTY PARLER SE GWALIOR ROAD TAK	0.4			Completed	
			WORD NO 12 SCHOOLPURA ME YADAV DUDH BHANDAR SE MASJID HOTE HUA B.S.N.L. OFFICE TAK HAT KE MAIDAN TAK	0.4			Completed	
			WORD NO 44 SITARAM KE PICHE RATHOR SE HARISH SHARMA AND BHARGAV JI KE MAKAN SE SHANKAR I KE MAKANDIR TAK	0.32			Completed	

सहायक अभियन्ता
नगर निगम झाँसी

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नगर निगम झाँसी

		WORD NO 12 SCHOOLPURA ME GADIYAFATAK SE BHARATI OPTICAL KI DUKAN TAK	0.37			Completed
		WORD NO 01 HANSARI ME MA GAJANAN I.T.I. SE KALLU KE MAKAN MUKHYA MARG TAK	0.24			Completed
		WORD NO 51 CIVIL LINE ME SHRI VINAY AGRAWAL SE P.N. GARG TAK	0.15			Completed
		WORD NO 05 ISAITOLA ME KABIRSTAN SE KHATIBABA ROAD TAK	0.5			Completed
		WORD NO 43 KACHCEPULL SE AMAN MOBILE HOTE HUA SAI MANDIR TAK	0.55			Completed
		WORD NO 43 MEJAR DIYANCHAND MARG AR COLLEGE BOOK DIPO SE BHOLA MISTHAN BHANDAR TAK	0.52			Completed
		TOTAL --	6.5			



सहायक अभियन्ता
नगर निगम झाँसी



अधिसासी अभियन्ता
नगर निगम, झाँसी।

Annex-RD 3

RD1.3	Regular cleaning of street surfaces and spraying of water to suppress dust.		
Road Name	Road Length Covered	No. of Mechanical Sweeper/Sprinkler Deployed	Periodicity of Sweeping/Sprinkling
Jhansi Babina Four Lane	6 Km	2	Daily

RD1.3	Regular cleaning of street surfaces and spraying of water to suppress dust.		
Road Name	Road Length Covered	Dust Collected/Sweeping (MT)	Mode of disposal of dust collected
Jhansi Babina Four Lane	8 Km	Manual Cleaning	NA

RD1.3	Regular cleaning of street surfaces and spraying of water to suppress dust.			
Road Name	Road Length Covered	No. of Sprinkler Deployed	Periodicity of water sprinkling	Quantum of STP treated water utilized per sprinkling (KLD/Sprinkling)
Jhansi Babina Four Lane	8 Km	2	Daily	A 23 MLD Capacity STP Plant is Run by Jal Nigam Out 4 MLD is Returned back to Laxmi Tal & Can be used For Cleaning of Road

RD 1.4 – Black Topping of unpaved road.

क्र०सं०	कार्य का नाम
1.	वार्ड नं० 21 सिमरधा के अन्तर्गत पाल कालोनी के मुख्य सड़क का चौड़ीकरण एवं हाटमिक्स प्लांट द्वारा सुदृढीकरण का कार्य।
2	वार्ड नं० 22 राजगढ़ में मुख्य मार्ग से एल्डिगो कालोनी मुख्य गेट तक सड़क उच्चीकरण का कार्य।
3	वार्ड नं० 22 राजगढ़ में झॉसी ललितपुर मार्ग से बैदोरा रोड पर नगर निगम सीमा तक 1900 मीटर लम्बाई में हाटमिक्स प्लांट द्वारा सड़क चौड़ीकरण कर नाली निर्माण कार्य।
4	वार्ड नं० 24 सिमराहा में श्री वीरेन्द्र फौजी के मकान के पास से ओरछा जाने वाली मध्य प्रदेश सीमा तक सड़क निर्माण कार्य।
5	वार्ड नं० 24 भगवन्तपुरा में झॉसी मउरानीपुर रोड पर एन०एच०किराना स्टोर से प्राइमरी पाठशाला तक हाटमिक्स प्लांट से सड़क सुदृढीकरण एवं नाली निर्माण का कार्य।
6.	वार्ड नं० 21 सिमरधा के अन्तर्गत ग्वालियर रोड से सिमरधा गांव (श्री रामलखन कुशवाहा) तक हाटमिक्स प्लांट से सड़क , नाली एवं फुटपाथ निर्माण कार्य।
7.	वार्ड नं० 21 सिमरधा के अन्तर्गत करारी गांव में शिवदयाल कुशवाहा के मकान से श्मशानघाट तक सड़क एवं नाली का सुधार कार्य।
8.	वार्ड नं० 21 सिमरधा के अन्तर्गत श्री ओमी अहिरवार के मकान से श्री काशीराम के मकान एवं बनवाली विश्वकर्मा के मकान तक इण्टरलॉकिंग टाईल्स एवं नाली निर्माण का कार्य।

लम्बाई— 12.00 कि०मी०

Action point code	Action point	Name of the road to be black topped	Length to be black topped (in Km)	Estimated Budget Required	Budget Allocated	Timeline for Target Completion	Attachment Contents
RD1.4	Black-topping of unpaved road	08 major roads.	12	40 Cr	40 Cr	COMPLETED	Name of the road black topped are attached as Annex- RD-1.4
		WORD NO 21 SIMRADHA KE ANTARGAT PAL COLONY KE MUKHYA SADAK KA CHOUDIKARAN AND HOTMIX PLANT DWARA SUDRIKARAN KA KARYA.	0.75			COMPLETED	
		WORD NO. 22 RAJGHAD ME MUKHYA SADAK SE ALDIGO COLONY MUKHYA GATE TAK SADAK UCHCHIKARAN KA KARYA.	0.756			COMPLETED	
		WORD NO. 22 RAJGHAD ME JHANSI LALITPUR ROAD SE BAIDOURA ROAD PAR NAGAR NIGAM SIMA TAK 1900 METER LAMBAI ME HOTMIX PLANT DWARA SADAK CHOUDIKARAN KA KARYA.	1.9			COMPLETED	
		WORD NO 24 SIMRAHA ME VEERENDRA FOUJI KE MAKAN KE PAS SE ORCHA JANE WALI MADHYA PRADESH SIMA TAK SADAK NIRMAN KA KARYA.	1.295			COMPLETED	
		WORD NO. 24 BHAGWANTPURA ME JHANSI MAURANIPUR ROAD PAR N.H.KIRANA STORE SE PRIMERI PATHSHALA TAK HOTMIX PLANT SE SADAK SUDRIKARAN KA KARYA.	0.217			COMPLETED	
		WORD NO. 21 SIMRADHA KE ANTARGAT GWALIOR ROAD SE SIMRADHA GOAN (SHRI RAMLAKHAN KUSHWAHA) TAK HOTMIX PLANT SE SADAK AND NALI AND FOOTHPATH NIRMAN KA KARYA.	0.535			COMPLETED	
		Word no. 21 SIMRADHA KE ANTARGAT KARARI GOAN ME SHIVDYAL KUSHWAHA KE MAKAN SE SHAMSHANGHAT TAK SADAK AND NALI KA SUDHAR KA KARYA.	0.46			COMPLETED	
		WORD NO. 21 SIMRADHA KE ANTARGAT SHRI OMI AHIRWAR KE MAKAN SE SHRI KASHIRAM KE MAKAN AND VANMALI VISHWAKARMA KE MAKAN TAK INTERLOCKING TILES AND NALI NIRMAN KA KARYA.	0.47			COMPLETED	



M/S PNC INFRATECH LIMITED

Project: Four Laning of **Jhansi-Khajuraho Section (Pkg-I)** from Km 0.00 to Km 76.3 (existing Km 108.300 of NH-25 Kanpur-Jhansi Section to Km 82.10) of NH-75/76 in the state of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.



QUARTERLY PROGRESS REPORT

SEP 2021

SUBMITTED BY

M/s. PNC Infratech Limited

To

RO, Uttar Pradesh Pollution control Board, Jhansi

LANDSCAPING AND TREE PLANTATION

GENERAL

The Concessionaire shall plant tree and shrubs of required number and type at the appropriate locations within the Right of Way and the land earmarked by the authority for afforestation keeping in view the IRC guideline on landscaping and tree plantation. The Authority shall specify the number of trees which are required to be planted by the concessionaire as compensatory afforestation or otherwise in Schedule 'C' of Concession Agreement. The Concessionaire shall also maintain the trees and shrubs in good condition during the concession period as the maintenance schedule. The guideline given in this Section shall be followed in plantation of trees and shrubs.

DESIGN CONSIDERTATION IN VARIOUS LOCATION

Set-back Distance of Trees and Other Plantation

Trees on the road side shall be sufficiently away from the roadways, the inside of curves, medians, junction corner and cut slopes. Trees shall be placed at minimum distances of 14 meter from the centre line of extreme traffic lane to provide recovery area for the vehicles that runs off the road. A second row of tree 6 meter further away will also be planted wherever possible. Preferably the first row of tree shall consist of species thick shade and other rows of vertical type providing thin shade.

Vertical Clearances of Trees And Other Plantations

For safe traffic operations, the vertical clearances available across the roadway shall be minimum 5 meter, from this angle, the probable size of all plants shall be anticipated in advance, at the time of initial planting.

Plantation in Medians

In the section of the project highway where median width is more than 2.5 meter, shrubs shall be planted and maintained to cut-off headlight glare from traffic in the opposite direction.

Flowering plants and shrubs are eminently suited for the purpose, these shall be planted either in continues rows or in the form of baffles.

In the section, where the width of median is less than 2.5 meter, shrubs or flowery plants may be planted in between crash barriers or other means like metal/plastic strips to cut-off glare shall be provided.

Spacing of Avenue Tree

The spacing of avenue tree will depends on the type and growth of tree, requirement of maintenance, penetration of distant views, etc. A range of 10-15 meter would meet the requirement for most varieties.

Choices of Tree

The following guideline shall be kept in view while selecting the species of tree to be planted:

1. Tree shall be selected with due regard to soil. Rainfall, temperature and water level.
2. Tree which becomes very wide shall be avoided as their maintenance would cause interference with traffic flow.
3. The species must be capable of developing a straight and clean bole up to a height of 2.5 meter to 3.5 meter from the ground level.

Landscape Treatment

A suitable landscape treatment with provision of foundations and colored lighting so as to enhance the overall aesthetics duly designed by a qualified and experienced landscaping architect, shall be provided at grade separators, elevated section, viaducts, traffic islands, toll plazas, bus bays, truck lay by, rest areas, O&M centre etc.

Details Of Avenue Plantation In Progress:-

S · N o ·	Proposed (KM)	Distance In (Meter)	GPS Co-ordinates (Proposed Center Line)		Nos. Of Trees Planted	Location	Target Date
			Easting	Northing			
1	-410	300	263501.51	2818578.551	On going	Interchange Jhansi-Kanpur Junction	Nov-21
2	14+900 to 15+500	1200	271722.31	2809670.478	On going	Barusagar Bypass	Nov-21
3	16+600 to 17+040	880	273379.003	2809569.655	On going	Barusagar Bypass	Nov-21
4	19+560 to 22+850	6000	275996.102	2808651.848	On going	Niwadi Existing Road	Nov-21
5	31+270 to 33+850	1580	287224.938	2805563.123	On going	Sakrar Existing Road	Nov-21
6	44+600 to 48+850	7000	299587.123	2800766.025	On going	Mauranipur Existing Road	Nov-21
7	63+000 to 63+600	600	315292.885	2793548.187		Mauranipur Bypass	Nov-21

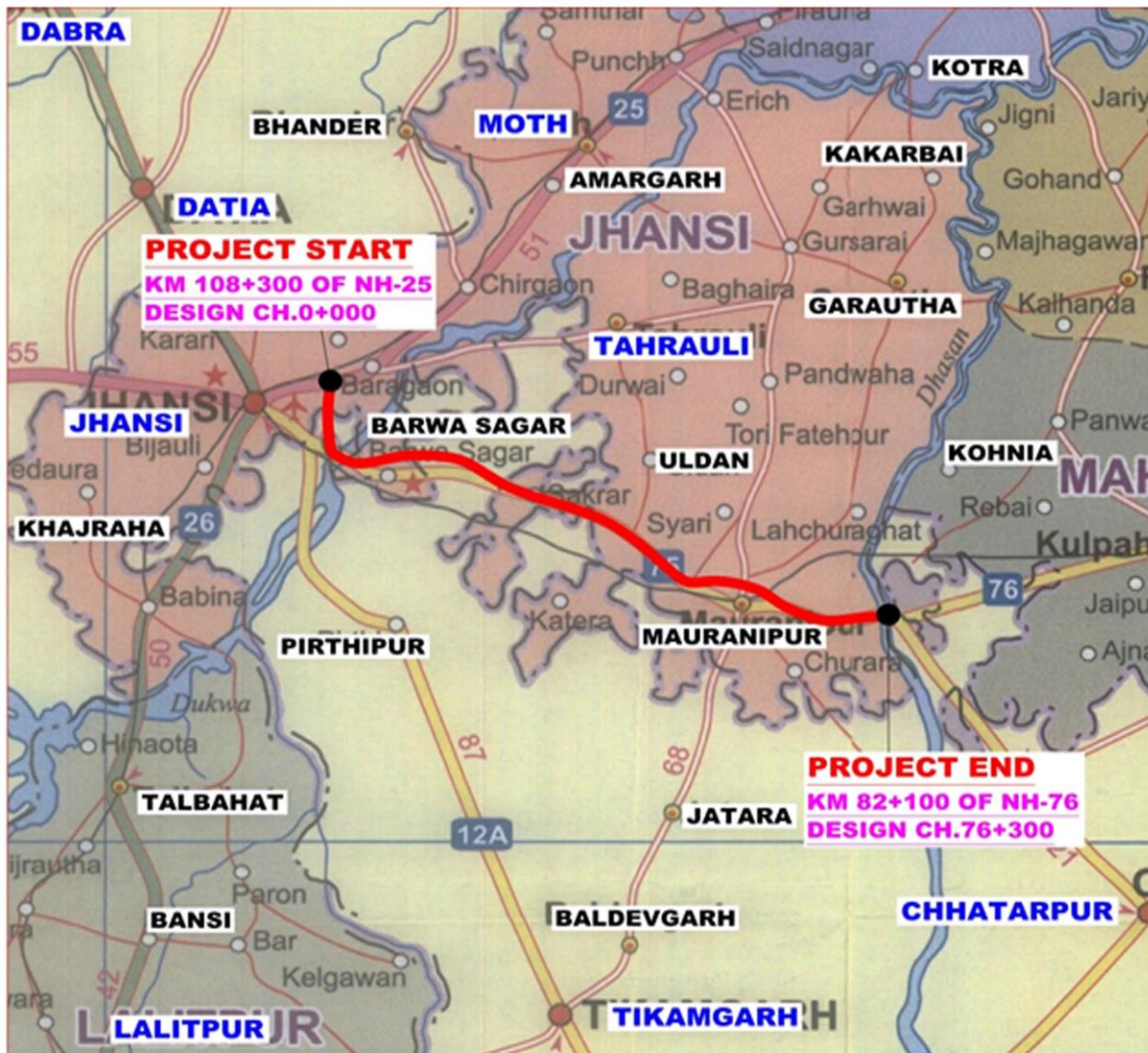
Scope and Objective of the Report

This Report is being submitted as part of the quarterly submissions by the Concessionaire, M/s. PNC Infratech Limited., for the execution of **the Jhansi-Khajuraho section (Pkg-I)** from Km 0.00 to Km 76.3 (existing Km 108.300 of NH-25 Kanpur-Jhansi Section to Km 82.10) of NH-75/76 in the state of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.

This Report covers the progress of the Project

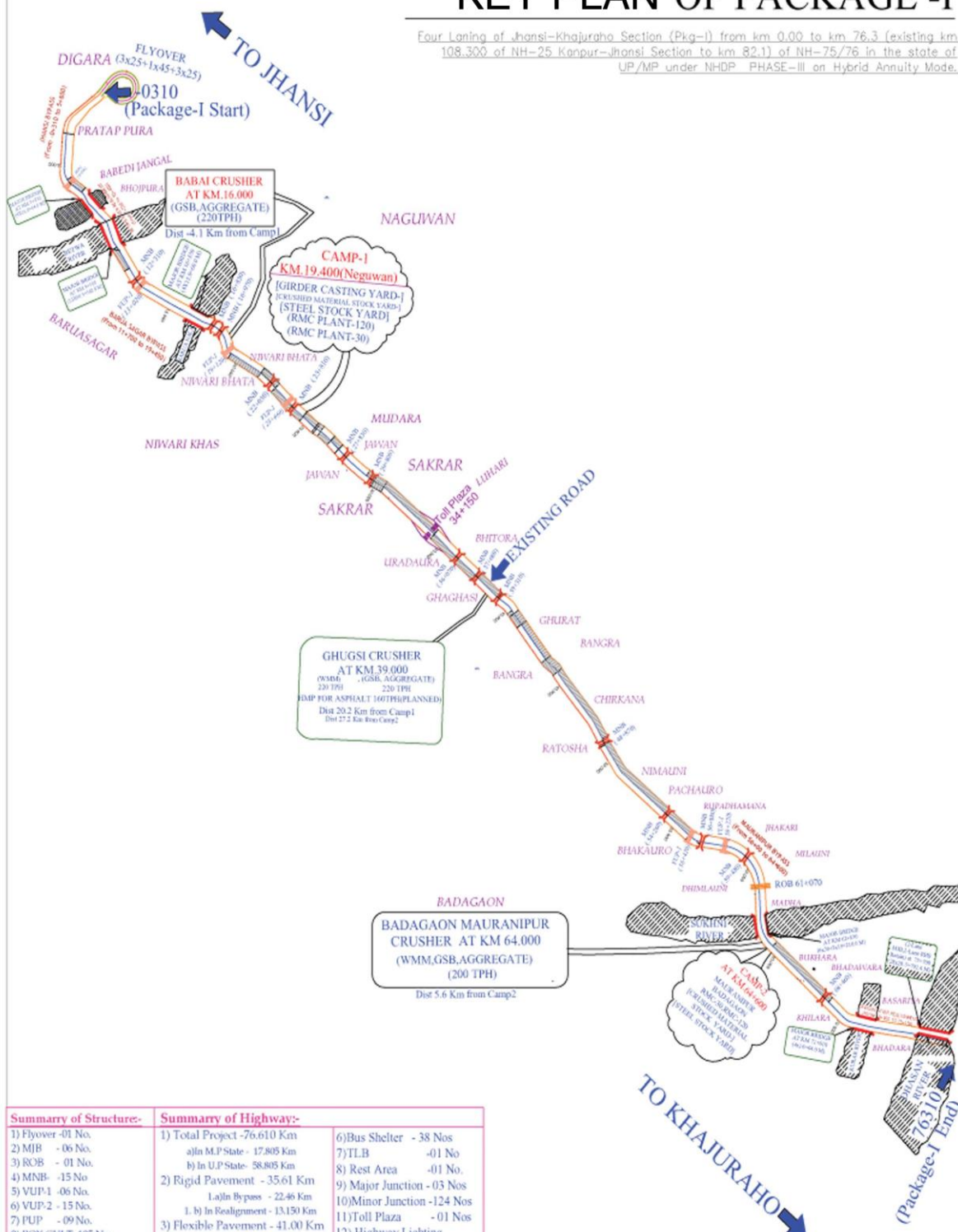
Period Covered in this Report : 1 July 2021 to 30 Sep 2021

Project Location Map



KEY PLAN OF PACKAGE -I

Four Laning of Jhansi-Khajuraho Section (Pkg-I) from km 0.00 to km 76.3 (existing km 108.300 of NH-25 Kanpur-Jhansi Section to km 82.1) of NH-75/76 in the state of UP/MP under NHDP PHASE-III on Hybrid Annuity Mode.



Summary of Structure:-	Summary of Highway:-
1) Flyover -01 No.	1) Total Project -76.610 Km
2) MJB - 06 No.	a) In M.P State - 17.805 Km
3) ROB - 01 No.	b) In U.P State - 58.805 Km
4) MNB - 15 No.	2) Rigid Pavement - 35.61 Km
5) VUP-1 -06 No.	Lain Bypass - 22.46 Km
6) VUP-2 - 15 No.	l. b) In Realignment - 13.150 Km
7) PUP - 09 No.	3) Flexible Pavement - 41.00 Km
8) BOX CULT. 105 No	4) Service Road-62.48 km (Single Lane)
9) SLAB CUL.VERT-03 No.	5) Cover Drain -33.77 Km (Single Side)
10. HPC - 67+160 =???	
	6) Bus Shelter - 38 Nos
	7) TLB - 01 No
	8) Rest Area - 01 No.
	9) Major Junction - 03 Nos
	10) Minor Junction -124 Nos
	11) Toll Plaza - 01 Nos
	12) Highway Lighting - 14.47 Km

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Background and Project Details

1. Background and Project Details

1.1. Project Overview

National Highways Authority of India has taken up four laning in the state of UP/MP under NHDP Phase-III on Hybrid Annuity Mode, to be constructed between Jhansi to Khajuraho for a design length of **76.610 Km**.

The Concession has been awarded to M/s PNC Infratech Limited. The Concessionaire has achieved Financial Closure and complied with all the conditions precedent as stipulated in the Concession Agreement within the time frame given in the Concession Agreement. The Authority has declared the Appointed Date as 18th May 2018.

The Four-Laning Project (Pkg-I) consists of construction of four lane Road between Jhansi to Khajuraho from Km 0.00 to Km 76.30 (existing Km108.300 of NH-25 Kanpur-Jhansi Section to Km82.100) of NH-75/76 in the state of UP/MP. Land use along the Road is of a mixed nature, with presence of agricultural & vacant lands and interspersed Built-up Areas.

The proposed development includes construction of **13.15 Km** of Re-alignment, which will be new construction on the alignment of Betwa River, Dhasan River & Curved Section, **and 22.46 Km** long Bypasses with new construction and **41.00 Km** length of Road along the existing alignment, which requires reconstruction.

Project offices and Laboratories for Quality Assurance & Quality Control of the works have been established. Plants for the production of Aggregates and Concrete have been set up. Installation of Hot Mix Plant has been made.

The detailed survey for Road and Structures has been completed and the EPC Contractor has mobilized all the required resources at Site.

1.2. Project Contract Details

The Technical and Contractual details of the Project and the contact details of Key Stakeholders and their personnel are summarized below -

Name of Work	:	Four laning of Jhansi-Khajuraho Section (Pkg-I) from Km 0.00 to Km 76.3 (existing Km 108.300 of NH-25 Kanpur-Jhansi Section to Km 82.10) of NH-75/76 in the state of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.
Name of Employer	:	National Highways Authority of India (NHAI) PIU-Chhatarpur, House No. 177/178, Vishwanath Colony, Behind Bajaj Showroom, Jhansi Road, Chhatarpur- 471001 (MP)
Name of Concessionaire	:	M/s PNC Bundelkhand Highways Private Limited. Cabin No.5 NBCC Plaza, Tower II, 4 th Floor, Pushp Vihar, Sector V,Saket New Delhi-110017 Contact Person: Mr.Ashish Jain, Authorized Signatory
Independent Engineer	:	Aarvee Associates Architects Engineers &Consultants Pvt. Ltd., Hyderabad. Team Leader: Mr.Bipin Kumar Tiwari
EPC Contractor	:	PNC Infratech Limited, Agra.

1.3. General Contract Details

Salient features of the Concession Agreement are stated below:

Length of Road (Design Length)	:	76.610 Km.
Total Bid Project Cost	:	Rs. 1,410 Crores (As per Concession Agreement)
Total Capital Cost set forth in Financial Package	:	Rs. 1,342 Crores
Estimated Project Cost	:	Rs. 1053.41 Crores (Modified)
Date of Submission of Bid	:	23.12.2016
Date of Issue of LOI	:	31.03.2017
Date of Concession Agreement	:	07.06.2017
Appointed Date	:	18.05.2018
Construction Period	:	910 days from Appointed Date
Schedule Completion Date	:	13.11.2020

1.4. Salient Features of the Project

Major elements of the Project construction are summarized below:

<u>STRUCTURES:</u>		
Major Bridge	:	6 Nos.
Minor Bridge	:	15 Nos.
ROB	:	1 No.
FLYOVER	:	1 No.
Vehicular Underpass(VUP) (Type1 - 6 Nos. & Type2 - 15 Nos.)	:	21 Nos.
Pedestrian Underpass(PUP)	:	9 Nos.
Box Culverts	:	105 Nos.
Slab Culverts	:	03 Nos.
Pipe Culverts	:	67 Nos. (Additional 160 Nos. HPC for Junction Improvement as per CA)
<u>HIGHWAY:-</u>		
Reconstruction of Existing Road	:	41.00 Km
Construction of Bypasses	:	22.46 Km
Construction of Re-Alignment portion	:	13.15 Km
Service Road	:	62.48 Km (Including Both Sides)
Truck Lay Bye	:	1 No.
Rest Area	:	1 No.
Highway Lighting	:	14.475 Km
Major Intersection	:	3 Nos.
Minor Intersection	:	123 Nos.
Bus Bays/Bus Shelters	:	38 Nos.
Toll Plaza	:	1 No.

1.5. Project Milestones

Key Project Milestones are as under:

Slo	Milestone	Description	Target Date
1	Milestone-I	Commencement of Highway expended not less than 20% (twenty percent) of the total capital cost set forth in the Financial Package.	Date: 04-03-2019
		On 290th day from the Appointed Date.	
2	Milestone-II	Commencement of all bridges and expended not less than 35% (Thirty-Five per cent) of the total capital cost set forth in the Financial Package	Date: 22-07-2019
		On 430 th day from the Appointed Date.	
3	Milestone-III	Commencement of all Project Facilities and expended not less than 75% (Seventy-five percent) of the total capital cost set forth in the Financial Package.	Date: 07-04-2020 Date : 09.11.2020 (As per EOT)
		On 690 th day from the Appointed date.	
4	Scheduled Completion Date	The Scheduled Four-Laning Date shall occur on the 910th (Nine Hundred and tenth) day from the Appointed Date.	Date: 13-11-2020 EOT up to 01.11.2022 Submitted by Concessionaire
		On 910th day from the Appointed Date.	

Important Note: Progress of the work hampered since the beginning of execution, due to prolonged delay in acquisition of land, persistence of various obstructions/ encumbrances/encroachments and consequent on-availability of 100% vacant land, even after **39 months** of declaration of the Appointed Date.

A force major event occurred due to the outbreak of **COVID-19** and to content the pandemic COVID-19, severe restrictions imposed by the Government authorities in Lock down Period which affected and still affecting the performance obligations of the concessionaire under this agreement to a greater extent.

Again the second wave of Corona/Covid-19 engulfed the entire country striking with vengeance without any exception. Given the extremely precarious situation, several state governments imposed severe restrictions on including curfews, weekend lockdowns, partial & complete lockdowns to contain the spread and fatalities. In view of imposition of such restrictions in the states of MP and UP, the progress of the subject project works are yet again getting hampered to a greater extent. In view of the prevalent restrictions and constraints, as both production and supply chains are getting affected significantly, we are experiencing shortage of construction materials, machinery parts and bought-out items for execution. Staggering of working hours, enforcement of social distancing and other containment measures are also retarding the progress.

It is needless to mention that the consequences and adverse impacts of the above political force majeure event/conditions, will continue to have enormous adverse impacts on the project timelines, cash flows and finances, as witnessed during the FY 21 hence we rightly seek expedient compensations and reliefs in terms of the Political Force Majeure event as per the clause 28.4 and other relevant provisions of the Concession Agreement.

2.Right of Way Status



2. Right of Way Status

2.1. Land Acquisition & Removal of Hindrances (Obstructions & Encumbrances etc.)

As per the Concession Agreement, the Project requires a Right of Way (ROW) of 60.0 meters (Average). Accordingly, the Status of Land Availability is summarized below:-

Status of Land Acquisition

District	Tehsil	Land Acquisition (No. of Villages)				Remarks	Land acquisition			Land Amount INR (Crore)	
		Required	Completed				Required (Hectare)	To be disbursed	Disbursed		
			Total	3A	3D					3G	Govt.
Jhansi (UP)	Jhansi	7	7	7	7	Fully Compensation Not Disbursed	18.3			70.610	59.28
	Maurani pur	26	26	26	26		30.6	135	0.08		
Niwari (MP)	Orcha	3	3	3	3		9.4	12	4.5	11.549	11.716
	Niwadi	8	8	8	8		5.9	19			
Total		44	44	44	44		64.20	222.11	7.420	82.159	70.996

District	Structure Amount INR (Cr.)	
	To be disbursed	Disbursed
	Cr.	Cr.
U.P Portion	38.648	36.61
M.P Portion	32.73	32.371
Total	70.948	68.981

Description	Re-alignment	Existing	By-passes	Total
Total Length in Km	13.150	41.000	22.460	76.610
Land not made available till date due to non-acquisition/obstructions/encumbrances	0.110	0.800	0.405	1.315
Available Length	13.040	40.20	22.055	75.295

Details of Obstruction attached in **Annexure “L”**

2.2. Status of Hindrances (Obstructions & encumbrances)

To proceed with the project construction, several encumbrances are required to be removed by the respective authorities. These include Water Supply lines, Hand Pumps, besides Electrical Lines, as shown below:

S. No.	Type of Encumbrances on existing ROW Km 0.000 to Km 76.300	Unit	Side		Total Required to cleared	Hindrances Up to date Cleared			To be cleared
			LHS	RHS		0.0 to 37.5	37.5 to 76.30	Total (0.0 to 76.300)	
1	Immovable Property/Structure (Building, Boundary Walls, Shops, Huts, Sheds, Bus Stop et	Nos.	693	648	1341	635	537	1172	169
2	Schools/Colleges	Nos.	3	9	12	8	2	10	2
3	Religious Structures (Temple & Samadhi)	Nos.	21	43	64	33	30	63	1
4	Cremation Ground	Nos.	0	0	2	2		2	0
5	Hand Pump (95 U.P & 20 M.P)	Nos.	58	57	115			99	16
6	Tube Well (4 U.P & 11 M.P)	Nos.	11	4	15	5	5	10	5
6.1	Well	Nos.	55	40	95	46	43	89	6
7	Hospital	Nos.	0	1	1	1	0	1	-
8	Factory Units	Nos.	4	0	4	0	0	4	-
9	Crusher Unit	Nos.	2	4	6	6	0	6	-
10	Mining Operations	Nos.	1	0	1	1	0	1	0
11	Water Pipe Line	RM.			13595	12705	0	0	890
13	HT Line (66 KVA To 400 KVA)	Nos.			5		5		-
14	Telephone Pole / Tower	Nos.	3	2	5		5		-
15	Transformers	Nos.			43		55		-
16	H.T Line (11 KVA) including pole	Km.			22.93		82.90		-
17	HT Line Crossing	Nos.			129		129		-
18	L.T Line including pole	Km.			15.2		35.34		-
19	LT Crossing	Nos.			36		90.24		-
20	33 KV Line with ACSR Dog Conductor on S.T Pole	Km					13.60		-
21	11 KV Under Ground Road Crossing	No					126		-



3. Physical Progress of Work



3.Physical Progress of Work

3.1. Progress in Brief -

Structure:

ROB:	
1x15 + 1x31 + 1x15m	Concessionaire has submitted the Detailed Structural Designs & Drawings to the Independent Engineer / Authority for Approval. Railway Portion has been approved by Railway. ROB Structure Completed, Crash Barrier & Approach Slab in Progress
Fly Over:	
3x25 + 1x45 + 3x25m	Completed
Major Bridges:	
Km 7+272 With Service Road (4 x16m)	Completed
Km 9+500 (Betwa River) 12 x 46.9m	Completed
Km 16+530 4 x 15m	Completed
Km 62+830 (Sukhnai River) 1x15+6x30+1x15m	Completed
Km 71+610 (Kurar River) 4x16m	Completed
Km 75+700 (Dhasan River) 28 x 28.3m	Completed
Minor Bridges:	
Km 12+310	Completed
Km 16+830	Completed
Km 16+970	Completed
Km 22+030	Completed
Km 23+810 With Service Road	Completed
Km 27+830	Completed
Km 29+800	Completed
Km 36+070	LHS-MCW & SR Completed, R/S-SR-Completed
Km 37+680	Completed
Km 39+310	Completed
Km 48+870	Completed

Km 54+260	Completed
56+880 & Km 59+480 (Box Type)	Completed
Km 68+460	Completed
Underpasses:	
Pedestrians Underpasses & Vehicular Underpasses	<p>PUP at Km 10+310 - Completed PUP at Km 17+960 - Completed PUP at Km 28+700 - Completed PUP at Km 36+600 – Completed</p> <p>PUP at Km 49+210–Completed PUP at Km 59+885 -Completed PUP at Km 73+090 Completed PUP at Km 71+390- Completed PUP at Km 74+891- Completed VUP Type –I at Km 6+005 -Completed VUP Type –I at Km 13+020-Completed VUP Type –I at Km 19+120-Completed VUP Type –I at Km 23+660- Completed VUP Type –I at Km 56+420- Completed VUP Type –I at Km 58+220 - Completed</p> <p>VUP-Type-2 at Km 5+100 - Completed VUP-Type-2 at Km 3+600- Completed VUP-Type-2 at Km 6+350 - Completed VUP-Type-2 at Km 14+390-Completed VUP-Type-2 at Km 15+930- Completed VUP-Type-2 at Km 17+480 -Completed VUP-Type-2 at Km 25+850- Completed VUP-Type-2 at Km 30+480- R/S-Slab Completed & LHS Raft in Progress.</p> <p>VUP-Type-2 at Km 39+945 -Completed VUP-Type-2 at Km 41+065 -Completed VUP-Type-2 at Km 43+960-Completed VUP-Type-2 at Km 60+740- Completed VUP-Type-2 at Km 62+420- RHS-Slab Completed & LHS In Hindrance VUP-Type-2 at Km 64+110- Completed VUP-Type-2 at Km 73+780- Completed</p>
Box/Slab Culverts	107 Nos. Box Culvert Slab completed and 01 Nos. is in progress, out of 108 Nos.
Pipe Culverts	65.5 Nos. HPC completed and 0.5 Nos.HPC in Progress and 01 in Hindrance , out of 67 HPC.

Highway:

A) Main Carriage Way:-

1. C&G- 150.27 Km Completed, out of 153.22 Km (2 x 76.61 Km).
2. Embankment- 145.196 Km is completed & 4.824 Km is in Progress, out of 153.220 Km.
3. Sub Grade - 144.328 Km is completed & 0.350 Km is in Progress, out of 153.220 Km
4. GSB - 144.088 Km is completed, out of 153.220 Km
5. WMM - 70.489 Km is completed & 0.025 Km is in progress, out of 82.00 Km
6. DBM- 70.374 Km is completed, out of 82.00 Km
7. BC- 62.410 Km is completed, out of 82.00 Km
7. DLC - 70.288 Km is completed, out of 71.220 Km
8. PQC - 69.411 Km is completed, out of 71.220 Km
9. Kerb - 119.059 Km is completed, out of 153.220Km

B) Service Road:-

1. C&G- 55.049Km Completed, out of 62.480 Km (1 x 62.480 Km).
2. Embankment- 51.696Km is completed & 3.20 Km is in Progress, out of 62.480 Km.
3. Sub Grade - 49.444Km is completed & 1.066 Km is in Progress, out of 62.480 Km
4. GSB - 49.022Km is completed, out of 62.480 Km
5. DLC - 46.152 Km is completed, out of 62.480 Km
6. PQC - 37.232 Km is completed, out of 62.480 Km

RE Wall Panel/Blocks:-

1. 1,17,393Sqm casting completed, out of 1,24,887Sqm.
2. 107176 Sqm Erection completed, out of 1,24,887Sqm.

4. Construction Programme

Based on the requirements of the Concession Agreement (C.A.), the total scope of Highway Works for the Project falls into the following broad categories for which the start and completion dates have been planned as shown below:

Table 4-1: Program for the Total Project Scope (Highways)

Description	Start Date	End Date
A) Reconstruction of Existing Road (Flexible Pavement)(41.00 Km)	18-05-2018	14-12- 2021
B) Construction of Bypasses (22.46 Km)	18-05-2018	14-12- 2021
C) Construction of Re-alignment portion (13.15 Km)	18-05-2018	14-12- 2021
D) Service Road (62.480 Km)	18-05-2018	14-12- 2021

Various structures to be constructed as part of the Project and their planned Start and End Dates are shown in the Table below:

Table 4-2: Program for the Major Project Components (Structures)

Description	Start Date	End Date
Major Bridges at Ch. 7+272,9+500,16+530,62+830,71+610 & 75+700	Completed	
Fly Over at Ch. 0+040	Completed	
ROB at Ch. 61+070	Completed	
Minor Bridges (15 Nos.)	Completed	
Pipe Culverts (67 Nos. (Additional 160nos HPC for Junction Improvement as per CA))	18-May-2018	14-12- 2021
Box Culverts/Slab Culvert (108 Nos.)	18-May-2018	14-12- 2021
PUPs (9 Nos.)	Completed	
VUP-1 (6 Nos.)	VUP-1- Completed 62+420-LHS in Hindrance	
VUP-2 (15 Nos.)		
Toll Plaza Construction	01-Dec-2019	14-12- 2021

Miscellaneous Works	18-May-2018	14-12- 2021
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5.Financial Progress of Work

A snapshot of the S-Curve shown below,

Financial Progress till Last month	Financial Progress till Last month	Financial Progress for this month (Planned)	Financial Progress for this month (Achieved)	Cumulative Financial Progress (Planned)	Cumulative Financial Progress (Achieved)	Financial Progress Planned up to this month	Financial Progress Achieved As on this month
(Crores)	%	(Crores)	(Crores)	(Crores)	(Crores)	%	%
1257.2	88.85%	16.18	14.56	1269.03	1271.77	88.85%	90.00%



6. Environment and Safety

6. Environment and Safety

6.1 ENVIRONMENTAL ISSUES

- Various issues related to Environment and Safety, such as Traffic Management, Safety Signage, disposal of Waste Materials and Oil Spillage, Housekeeping, Area Barricading and Traffic Management etc. are being taken care of during the execution of the Project.
- At the Quarry and Crushing Plants, regular sprinkling of Water by Tankers is being done for Dust Abatement.
- As mentioned earlier in this Report, cutting of Trees coming within the Road Alignment is unavoidable.

6.2 SAFETY PRECAUTIONS

- Adequate lightening for work at night has been provided.
- Access Towers & Safety working Platforms with Handrail have been provided at the required locations.
- Skilled Foreman & Operators have been engaged for the work. They shall be educated and trained as per guidance of Safety Regulations about the procedures of the job and high degree of risks involved in the job. Suitable Caution Sign Boards indicating Danger have been fixed at appropriate locations.
- All Workers and Supervisory Staff at site shall wear Protective and Safety Gear (PPE) during execution.
- The Safety Officer, through Safety Personnel at the site round the clock, shall look after all safety aspects of the job
- Tool Box meeting to be conducted before starting the work.
- All the Workmen will follow the Safety Rules as per the CA.
- First Aid facilities are available at site.

6.3 Protecting the work force during Coronavirus COVID -19 pandemic

- Keeping Self – Isolation facilities for workers, if found any type of primary indications for COVID-19.
- If a worker develops high temperature or a persistent cough while at work, we are immediately returning to home and avoid to touch any one and giving himself isolation for a periods of Covid -19 guidelines.
- The workers should travel to site by providing the transport facilities.
- Providing hand cleaning facilities at entrance and exists. This should be soap and water wherever possible or hand sanitizer if water is not available.

- Stopping all non-essential visitors.
- Introduced staggered start and finish times to reduce the congestion and contact at all times.
- Monitoring site access points to enable social distancing.
- Disabled the entry systems that require skin contact i.e. fingerprint scanner.
- All workers to wash or clean their hands before entering or leaving the site.
- Drivers should remain in their vehicle if the load will be allowed it and must wash or clean their hands before loading and unloading the goods.
- Providing additional hand washing facilities to the usual welfare facilities as per requirement of workers.
- Supplying the extra soaps, hand sanitizer and paper towel and these should be securely stored.
- Restricting the number of people using toilet facilities at any one time e.g use a welfare attendant.
- Enhance the cleaning regimes for toilet facilities particularly door handles, locks and toilet flush.
- Providing the heating food and making hot drinks.
- Workers should sit 2 mt distance apart from each other while eating to avoid their touching.
- Monitoring the workers should maintain 2 mt distance during the work.
- At the entry and exist gate, regular checking the workers by thermal scanner.
- During the common meeting also keeping the social distance, if not possible then virtual meeting is being arranged.

RD 1.7 – End – To – End Paving of the road Black Topping of unpaved road.

क्र०सं०	कार्य का नाम
1	वार्ड नं० 18 तालपुरा में झॉसी कानपुर रोड जे०डी०ए० मार्केट आर०टी०ओ० आफिस के पास से तहसील होते हुए गल्ला मण्डी से नारायण बाग रोड पानी की टंकी के सामने तक नाली एवं सड़क सुदृढीकरण का कार्य।
2	वार्ड नं० 20/30 में सूजे खां खिड़की तिराहे श्री गुरुचरन कुशवाहा से अशोक कुमार कुशवाहा तक हाटमिक्स प्लांट द्वारा सड़क निर्माण कार्य एवं अशोक कुमार कुशवाहा से नरेन्द्र कुशवाहा तक दोनों तरफ नाली निर्माण कार्य।
3	वार्ड नं० 34 नई बस्ती के अन्तर्गत आशिक चौराहा से मन्दिर के पास तक हाटमिक्स प्लांट द्वारा सड़क सुदृढीकरण एवं नाली निर्माण कार्य।
4	गणेश चौराहे से फिल्टर रोड होते हुए दतिया गेट तक हाटमिक्स प्लांट से सड़क सुदृढीकरण का कार्य।
5	प्रेमनगर नगरा में पोस्ट ऑफिस से गौरव प्लाई ट्रेडर्स एवं थाना होते हुए शंकर जी मन्दिर तक सड़क सुधार का कार्य।
6	वार्ड नं० 28 हीरापुरा में लालू चौराहे से कन्हैयालाल के मकान होते हुए माहौर किराना स्टोर प्रतापपुरा चौराहे तक सड़क में रबर मोल्डेड 80 एमएम इण्टरलॉकिंग एवं दोनों तरफ नाली निर्माण कार्य।
7.	वार्ड नं० 57 सी०पी०मिशन कम्पाउण्ड में मुख्य सड़कों का एस०डी०बी०सी० द्वारा सुधार कार्य।
8.	वार्ड नं० 23 लहरगिर्द में पंचायत भवन से यश मेडीकल स्टोर राजघाट तिराहे तक इण्टरलॉकिंग सी०सी०ब्लाक द्वारा फुटपाथ एवं नाली निर्माण कार्य।
9	वार्ड नं० 31 लहरगिर्द ब्रह्मनगर मलिन बस्ती में आन्तरिक गलियों में इण्टरलॉकिंग टाइल्स एवं नाली निर्माण कार्य।

लम्बाई— 5.60 कि०मी०


Action point code	Action point	Name of the road to be end to end paved	Length to be paved (In Km)	Estimated Budget Required	Budget Allocated	Timeline for Target Completion	Attachment Contents
RD-1.7	End-to-end paving of the road	09 major roads	5.6 km	5 Cr	5 Cr	Completed	Name of the roads end to end paved are attached as Annex RD-1.7
		WORD NO. 18 TALPURA JHANSI KANPUR ROAD J.D.A. MARKET R.T.O. OFFICE KE PASS SE TAHSEEL HOTE HUA GALLA MANDI SE NARYAN BAGH ROAD PANI KI TANKI KE SAMNE TAK NALI AND SADAK SUDRIKARAN KA KARYA.	0.39			Completed	
		WORD NO. 20/30 ME SUJE KHAN KHIDKI TIRAHE SE SHRI GURUCHARAN KUSHWAHA SE ASHOK KUMAR KUSHAWAHA TAK HOTMIX PLANT DWARA SADAK NIRMAN KA KARYA AN ASHOK KUMAR KUSHWAHA S NARENDRA KUSHWAHA TAK DONO TARAF NAI NIRMAN KA KARYA.	0.69			Completed	
		WORD NO. 34 NAI BASTI KE ANTARGAT ASHIK CHOURAHA SE MANDIR KE PASS TAK HOTMIX PLANT SADAK SUDRIKARAN AND NALI NIRMAN KA KARYA.	0.65			Completed	
		GANESH CHOURAHA SE FILTER ROAD HOTE HUA DATIA GATE TAK HOTMIX PLANT SE SADAK SUDRIKARAN KA KARYA.	1.285			Completed	
		PREMNAGAR NAGRA ME POST OFFICE SE GOURAV PLAI TRADERSE AND THANA HOTE HUA SHANKAR JI MANDIR TAK SADAK SUDHAR KA KARYA.	1.2			Completed	
		WORD NO. 28 HIRAPURA ME LALU CHOURAHE SE KANAIYA KE MAKAN HOTE HUA MAHOR KIRANA STORE PRATAPURA CHOURAHE TAK SADAK ME RABAR MOLDED 80 MM INTERLOCKING AND DONO TARAF NALI NIRMAN KA KARYA.	0.22			Completed	
		WORD NO. 57 C.P. MISSION COMPOUND ME MUKHYA SADAKO KA S.D.B.C. DWARA SUDHAR KA KARYA.	2.24			Completed	

सहायक अभियन्ता
नगर निगम झाँसी

24

अभियन्ता
नगर निगम, झाँसी

अमित करना है कि इसी अवसर में नहरों का विवरण स्मिन्ट, कंक्रीट लाइनिंग एवं गैड निर्माण सम्बन्धित दिया गया है ये कार्य सिंचाई विभाग द्वारा लगभग पाँच वर्ष पूर्व पूर्ण कर लिये गये गये, उस समय विभाग द्वारा निर्माण फाट जारी किया गया था।


 24/03/2024
 अधिशासी अभियन्ता
 सुपौली प्रखण्ड बेतवा नहर, झांसी



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 अनुज्ञापित 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, गॉव, मोहल्ला का नाम, आदि का उल्लेख होगा)।
 - (III) नजूल अथवा इम्प्रूवमेन्ट ट्रस्ट की भूमि होने की दशा में सम्बन्धित विभाग से फी-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 हाईटेंशन 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।

(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।

2.1.2.5 उप-
विभाजन
तलपट
मानचित्र

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-बैंक 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 वास्तविक 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 हो), 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 मार्गों की सुविधा भी दर्शाई जाएगी।
- (VIII) लैंडस्केप 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 जियोलॉजिकल/ हाइड्रोलॉजिकल / हाइड्रोजियोलॉजिकल 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, लीथॉलॉजी, मृदा गुणों तथा प्रस्तावित जलाशय में वर्षा जल के संभावित ठहराव (रिटेन्शन) व "स्टेगनेशन" का अध्ययन एवं तत्संबंधी फिजिबिलिटी का आंकलन 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 उरी 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 ट्रैक्स 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 पृथक 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	भूखण्ड के उप-विभाजन की अनुज्ञा हेतु निम्नलिखित विशिष्टियाँ व विवरण प्रस्तुत किये जाएंगे :-
		<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	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।
2.1.4	विकास अनुज्ञा हेतु अनुबन्ध	विकास अनुज्ञा जारी करने से पूर्व प्राधिकरण द्वारा निर्धारित शर्तों के अनुसार आवेदक के साथ विकास अनुबन्ध निष्पादित किया जाएगा।
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	अनुज्ञा के अधीन विकास प्रारम्भ करने पर आवेदक द्वारा उसकी सूचना विहित प्रपत्र (परिशिष्ट-2) में दी जाएगी।
2.1.7	विकास के समय विचलन	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।
2.1.8	पूर्णता प्रमाण-पत्र	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।

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 'ग्रुप 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 सन्तुलन बनाए रखने के लिये खुले स्थान का क्षेत्रफल ले-आउट के कुल क्षेत्रफल का 5 प्रतिशत होगा, जिसे पार्क, ग्रीनरी/ग्रीन बैल्ट, 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 प्रस्ताव-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 प्रस्ताव-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 लैंडस्केप प्लान

सक्षम प्राधिकारी द्वारा मानचित्र स्वीकृति के पूर्व लैंडस्केप 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 लैंडस्केपिंग 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, क्रीडास्थल/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 उराकी गणना एफ.ए.आर. में की जायेगी।
- 3.3.5 पार्क एवं खुले क्षेत्र तथा लैंडस्केपिंग 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 लैंडस्केपिंग 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-बैंक, 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-बैंक होंगे।
(ख) 12.5 मीटर से अधिक ऊँचाई के भवनों में प्रस्तर 3.4.5 पर दी गई तालिका के अनुसार सैट-बैंक।
(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, मन्दी, 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 केंद्र 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 जोनल 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।

Annex- C&D-1

SL.No.	Project Name	Mobile No.	District	Date of Registration
1	GAIL VAPL Intermediate Pigging Station Raksha	9758506581	Jhansi	05/03/2021

जनपद झांसी में निर्माणधीन परियोजना स्थलों का विवरण

1. गेल इण्डिया की भूमिगत पाइप लाइन परियोजना, झांसी
2. नेशनल हाईवे अथोरिटी स्वमित्व की रोड कन्स्ट्रक्शन परियोजना, झांसी।
3. सार्वजनिक निर्माण विभाग स्वमित्व की जेल चौराहा से बिजौली नेशनल हाईवे बाई पास तक रोड कन्स्ट्रक्शन परियोजना, झांसी।
4. अमृत जल योजना अन्तर्गत जल निगम झांसी द्वारा भूमिगत पाइप लाइन परियोजना।

प्रदूषण जांच केन्द्रों की सूची

क्रम	प्रदूषण जांच केन्द्र का नाम व पता	जांच केन्द्र का प्रभार (पेट्रोल/डीजल)
1	राधेकृष्ण सेवा समिति, कानपुर रोड, झांसी।	4
2	हिन्द वेलफेयर सोसायटी, पाल कालोनी, झांसी।	पेट्रोल एवं डीजल
3	मां कर्माबाई लोक सेवा समिति, झांसी।	पेट्रोल एवं डीजल
4	मां कर्माबाई लोक सेवा समिति, झांसी।	पेट्रोल एवं डीजल
5	बुन्देलखण्ड सेवा समिति, झांसी।	पेट्रोल एवं डीजल
6	उर्मिला जन कल्याण सेवा समिति, 302/28, बाबूलाल कारखाने के पीछे, झांसी	पेट्रोल एवं डीजल
7	कृष्णा लोकसेवा समिति, जी.एफ.-15, झलकारी बाई काम्पलेक्स, झांसी।	पेट्रोल एवं डीजल
8	सहारा सेवा समिति, झांसी।	पेट्रोल एवं डीजल
9	बुन्देलखण्ड नगर/ग्राम उत्थान समिति, झांसी।	पेट्रोल एवं डीजल
10	मां गायत्री सेवा समिति, मेंहदी ब्राग, झांसी।	पेट्रोल एवं डीजल
11	मे0 एस0ए0 वेलफेयर फाउण्डेशन सेवा समिति, झांसी।	पेट्रोल एवं डीजल
12	पीताम्बरा जन कल्याण सेवा समिति, झांसी।	पेट्रोल एवं डीजल
13	पप्पू प्रदूषण जांच केन्द्र वेलफेयर सोसायटी, झांसी।	पेट्रोल एवं डीजल
14	श्री बालाजी महाराज सेवा समिति, झांसी।	पेट्रोल एवं डीजल
15	बाबूलाल बेलफेयर एजुकेशन सेवा समिति, झांसी।	पेट्रोल एवं डीजल
16	मां शारदा देवी प्रदूषण जांच केन्द्र	पेट्रोल एवं डीजल
17	ओम साईं सेवा संस्थान, झांसी।	डीजल

सहायक संपादक परिवहन अधिकारी (प्रबंध)
झांसी।



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

UTTAR PRADESH POLLUTION CONTROL BOARD

Annex- VE-2

संदर्भ सं०

Ref. No.....C-32200 /CL/ 294 B/ 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 सप्लाइ, 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

gsm1 Letter head 25-05-2016

T .C.-12V, Vibhuti Khand, Gomti Nagar
Lucknow - 226010

Phone : 0522-2720831, 2720828

Fax : 0522 - 2720764

Email : info@uppcb.com

Web Site : www.uppcb.com

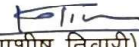
"With regard to direction No.(VIII), there is compliance by 38 cities. Let the States/UTs ensure compliance with regard to the remaining cities within by 30.06.2020. In default, the States/UTs will be liable to pay@Rs. 5 lakhs per month till compliance. The compensation may be recovered by the States/UTs 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।

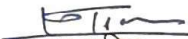
उक्त निर्देशों का अनुपालन निर्धारित समय सीमा में सुनिश्चित कराते हुए कृत कार्यवाही की आख्या से बोर्ड को अवगत कराने का कष्ट करें।

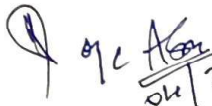
भवदीय,


(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, कानपुर, बुलन्दशहर (खुर्जा), लखनऊ, मुरादाबाद, नोयडा, रायबरेली एवं वाराणसी।


सदस्य सचिव


04/21/2020



UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. - 109344/UPPCB/Jhansi(UPPCBRO)/CTO/air/JHANSI/2020

Dated : 07/06/2021

To ,

Shri SHAIENDRA BAJPAI
M/s MEDICAL POLLUTION CONTROL COMMITTEE
G-4 Growth Center UPSIDC Bijoli Jhansi,JHANSI,284135
JHANSI

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. MEDICAL POLLUTION CONTROL COMMITTEE

Reference Application No. 10001228

Dated : 07/06/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MEDICAL POLLUTION CONTROL COMMITTEE. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 03/11/2020 to 31/12/2021 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.

This consent is being issued with the permission of competent authority .

Ajay Kumar Sharma
Digitally signed by
Ajay Kumar Sharma
Date: 2021.06.07
11:48:10 +05'30'

For and on behalf of U.P. Pollution Control Board

Chief Environmental Officer (circle-2)

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Jhansi with direction to send the compliance report of consent conditions on quarterly basis

Ajay Kumar Sharma
Digitally signed by Ajay
Kumar Sharma
Date: 2021.06.07 11:48:57
Chief Environmental Officer (circle-2)

U.P. Pollution Control Board

Dated : 07/06/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of treatment and disposal of Bio Medical Waste through 01 No. incinerator-100 Kg/hour, Auto clave-50 Kg/batch and shredding-50 Kg/hour..
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Polution Source	Type of Fuel	Stack No.	Parameters	Height
1	Incinerator 100 Kg/hour	HSD	01	Particulate Matter	30 meter from ground level with scrubbing system.
2	D.G. Set- 62.5 KVA	HSD	02	Particulate Matter	As per norms

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	01	Particulate Matter	50 mg/Nm ³
2	01	Oxides of Nitrogen	400 mg/Nm ³
3	01	Quantity of Emission	HCL-50 mg/Nm ³ , Total Dioxins and Furans-0.1 ngTEQ/Nm ³ (at 11% O ₂), Hg and its compound 0.05 mg/Nm ³
4	02	Particulate Matter	less than of equal to 0.3 g/kW-hr

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for treatment and disposal of Bio Medical Waste through 01 No. incinerator-100 Kg/hour, Autoclave-50 Kg/batch and shredding-50 Kg/hour.
2. The CBWTF shall submit the Time bound proposal in a months time for upgradation of the air pollution control devices to meet the new emission norms, including dioxins and furans, which is to be completed not later than 6 months, in order to ensure the compliance of direction passed by Hon'ble NGT in OA No. 915/2019 dated 18-01-2021, failing which the CTO shall stand cancelled.
3. The CBWTF shall comply with the emission Standard for treatment and disposal of Bio-medical waste by incineration as per Schedule-II of BMW Rules 2016.
4. The Noise level and emission from the 01 D.G. set of 62.5 KVA capacity shall be within the prescribed limit.
5. CBWTF shall submit quarterly Stack Monitoring Report of incinerator done through Board/MoEF approved/NABL accredited laboratory.
6. Incinerator shall be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
7. Record w.r.t. operational parameter of autoclave such as temperature, pressure etc. as well as records for validation test conducted to check efficiency of autoclave shall be maintained.
8. Incinerator Ash shall be disposed through TSDF and Log books/records shall be maintained properly for generation and disposal of incinerator Ash.
9. Discarded medicine shall be disposed through incinerator as per BMW Rule, 2016 and sharp pit shall be provided for disposal of waste sharp as per CPCB Guidelines.
10. The CBWTF shall comply with the Bio Medical Waste Management Rules 2016 and annual report shall be submitted.
11. The facility shall operate and maintain installed Online Continuous Emission Monitoring System effectively and transmit data to CPCB and UPPCB server. The facility shall also calibrate installed OCEMS facility from recognized agency on six monthly basis.
12. The CBWTF shall comply with the provisions of Hazardous and Other waste (Management and Trans boundary Movement) Rules, 2016.
13. The facility shall ensure bar coding system to be adopted by member healthcare facilities in accordance with Bio Medical Waste Management Rules (BMWM) 2016.
14. The Facility shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
15. The facility shall provide the list of members attached to CBWTF and details of Bio medical waste received and disposed during last quarter shall be submitted and record shall be properly maintained.
16. Consent fees if revised, shall be payable by industry from the date of its applicability.
17. Separate space for untreated Bio Medical Waste shall be provided by facility as per CPCB guidelines/Bio Medical Waste Management Rules 2016.
18. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
19. Industry shall comply with the relevant provisions of Environmental Laws.
20. If closure order is issued by CPCB or UPPCB against the facility, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
21. Unit shall submit monthly GPS verified movement reports of all its vehicles
22. Compliance of all above conditions must be made in letter and spirit. Further extension of the consent validity shall be considered only after the strict compliance is ensured.

Issued with the permission of competent authority .

**Ajay Kumar
Sharma**
For and on behalf of U.P. Pollution Control Board .

Digitally signed by Ajay Kumar
Sharma
Date: 2021.06.07 11:49:34 +05'30'

Chief Environmental Officer (circle-2)



UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. - 109346/UPPCB/Jhansi(UPPCBRO)/CTO/water/JHANSI/2020

Dated : 07/06/2021

To ,

Shri SHAILENDRA BAJPAI
M/s MEDICAL POLLUTION CONTROL COMMITTEE
G-4 Growth Center UPSIDC Bijoli Jhansi,JHANSI,284135
JHANSI

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. MEDICAL POLLUTION CONTROL COMMITTEE

Reference Application No :10001376

Dated :07/06/2021

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. MEDICAL POLLUTION CONTROL COMMITTEE is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 03/11/2020 to 31/12/2021 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority . **Ajay Kumar Sharma** Digitally signed by Ajay Kumar Sharma
Date: 2021.06.07 19:58:22 +05'30'

For and on behalf of U.P. Pollution Control Board

Chief Environmental Officer (circle-2)

**Enclosed : As above
(condition of consent):**

Copy to: Regional Officer, UPPCB, Jhansi with direction to send the compliance report of consent conditions on quarterly basis.

Ajay Kumar Sharma Digitally signed by Ajay Kumar Sharma
Date: 2021.06.07 19:59:05 +05'30'
Chief Environmental Officer (circle-2)

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.MEDICAL POLLUTION CONTROL COMMITTEE vide

Consent Order No. 10001376/ Water

Dated : 07/06/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of treatment and disposal of Bio Medical Waste through 01 No. incinerator-100 Kg/hour, Autoclave-50 Kg/batch and shredding-50 Kg/hour..
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	0.5 KLD	Septic Tank
2	Industrial	1.6 KLD treated effluent shall be recycled for scrubbing purpose, floor washing and irrigation.	ETP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard
1	BOD	30 mg/l
2	COD	250 mg/l
3	Total Suspended Solids	100 mg/l
4	Oil & Grease	10 mg/l

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .
9. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for treatment and disposal of Bio Medical Waste through 01 No. incinerator-100 Kg/hour, Autoclave-50 Kg/batch and shredding-50 Kg/hour.
2. The CBWTF shall submit the Time bound proposal within a months time for maintenance and perfect functioning of ETP and ECS which must be completed not later than 06 months, in order to ensure the compliance of direction passed by Hon'ble NGT in OA No. 915/2019 dated 18-01-2021, failing which the CTO shall stand cancelled.
3. The CBWTF shall comply with the emission Standard for treatment and disposal of Bio-medical waste by incineration as per Schedule-II of BMW Rules 2016.
4. Incinerator should be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
5. The water generated from scrubbing system installed for controlling the emissions from incinerator, shall be treated through ETP and treated water should be recycled for scrubbing purpose and floor washing and irrigation purposes within the premises. No effluent shall be discharged directly or indirectly outside the premises. ZLD shall be ensured.
6. The washing of vehicle tires shall be done in a specific location and the generated waste water shall be treated through effluent treatment plant.
7. Record w.r.t. operational parameter of autoclave such as temperature pressure etc. as well as records for validation test conducted to check efficiency of autoclave should be maintained.
8. Discarded medicine shall be disposed through incinerator as per BMW Rule, 2016 and sharp pit should be provided for disposal of waste sharp as per CPCB Guidelines.
9. The CBWTF should comply with the Bio Medical Waste Management Rules 2016 and annual report should be submitted.
10. The CBWTF should comply with the provisions of Hazardous and Other waste (Management and Trans boundary Movement) Rules, 2016.
11. The facility shall ensure bar coding system to be adopted by member healthcare facilities in accordance with Bio Medical Waste Management Rules (BMWM) 2016.
12. The Facility shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com. The proposal for plantation in the coming monsoon shall be submitted within 01 month.
13. Separate space for untreated Bio Medical Waste should be provided by facility as per CPCB guidelines/Bio Medical Waste Management Rules 2016
14. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
15. Consent fees if revised, shall be payable by industry from the date of its applicability.
16. Industry shall comply with the relevant provisions of Environmental Laws.
17. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
18. Unit shall submit monthly GPS verified movement reports of all its vehicles.
19. The CBWTF shall submit the Time bound proposal in a months time for upgradation of the air pollution control devices to meet the new emission norms, including dioxins and furans, which is to be completed not later than 6 months, in order to ensure the compliance of direction passed by Hon'ble NGT in OA No. 915/2019 dated 18-01-2021, failing which the CTO shall stand cancelled"
20. Compliance of all above conditions must be made in letter and spirit. Further extension of the consent validity shall be considered only after the strict compliance is ensured

Issued with the permission of competent authority .

Digitally signed by
Ajay Kumar Sharma
Ajay Kumar
Sharma
For and on behalf of Pollution Control Board
Date: 2021.06.07
20:02:09 +05'30'
Chief Environmental Officer (circle-2)

Industry List

SR.No.	Name of Industries and Address
1	Al-Marzia Agro Foods, Bhagwantpura, Jhansi
2	Bharat Heavey Electricals Ltd, Jhansi
3	Dimand Cement, Madora, Kanpur Road, Jhansi
4	Hindustan Colas Ltd., Gwaior Road, Jhansi
5	Khetan Fertilizer and Chemical Ltd., Kanpur Raod, Jhansi
6	Medical Pollution Control Committee, Bijoli, Jhansi
7	Paricah Thermal Power Project, Paricha, Jhansi
8	Minaksi Metal, Goramachiya, Jhansi
9	Rajeev Steel, Bijoli, Jhansi
10	Vardhman Ispat, Bijoli, Jhansi
11	Hariom Steel, Bijoli, Jhansi
12	Abhilasha Granite, Unit-2, Goramachiya, Kanpur Road, Jhansi
13	Aditya Stone Crushing Company, Sainyar Road, Bijouli, Jhansi
14	Adarsh Granite, Goramachiya, Kanpur Road, Jhansi
15	Asian Stone Crusher, Plot- 621,622 Goramachiya, Kanpur Road, Jhansi
16	Abhilasha Granite, Unit-1, Goramachiya, Kanpur Road, Jhansi
17	Radhey Radhey Stone LLP, Laxmanpura, Mauranipur Road, Jhansi
18	Budh Singh Granite, Madora Khurd Tehsil- Moth, Jhansi
19	Bihari Construction (Stone Crushing Unit), Goramachiya, Kanpur Road, Jhansi
20	Chatrapal Singh Yadav, Unit-1, Khailar, Jhansi
21	Chatrapal Singh Yadav, Unit-2, Khailar, Jhansi
22	Dada Bhagwan Stone Crushing Company, Goramachiya, Kanpur Road, Jhansi
23	Devendra Granite Gramodhyog, Chandrapura, Garautha, Jhansi
24	Shri Ganesh Stone Industries, Digara, Jhansi
25	Gangotri Granite Pvt. Ltd., Goramachiya, Kanpur Road, Jhansi
26	Shri Ganpati Stone, Khailar, Jhansi
27	Indian Granite, Gwalior Road, Karari, Jhansi
28	Jaiswal Granite, Goramachiya, Kanpur Road, Jhansi
29	Jhansi Granite Stone Product Pvt. Ltd., Laxmanpura, Mauranipur Road, Jhansi

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30	Jai Maa Vaishno Budholiya Granite, Goramachiya, Kanpur Road, Jhansi
31	Krishna Granite, Bijouli, Jhansi
32	Kailas Stone Industries, Unit-1, Laxmanpura, Mauranipur Road, Jhansi
33	Laxmi Industries , Goramachiya, Kanpur Road, Jhansi
34	Ramraja Stone Crushing Industries , Nunar, Garautha, Jhansi
35	Mamta Stone Crushing Company, Digara, Jhansi
36	Mamta Stone Industries, Digara, Jhansi
37	Minaxi Stone Minerals, New Name Naveen Stone Crushing Industries, Goramachiya, Kanpur Road, Jhansi
38	Mithla Granite Crushing Industries, Goramachiya, Kanpur Road, Jhansi
39	Maa Laxmi Industries, Goramachiya, Kanpur Road, Jhansi
40	New Indian Granite Crushing , Goramachiya, Kanpur Road, Jhansi
41	Navjeevan Stone Industries, Digara, Jhansi
42	Pathak Granite, Kanja , Mauranipur, Jhansi
43	Premier Stone, Bijouli, Jhansi
44	Raj Construction Company, Dasna, Moth, Jhansi
45	Ratan Stone Gramudyog, Habupura, Garautha, Jhansi
46	Raj & Company, Khailar, Jhansi
47	RamRaja Minirals, Goramachiya, Kanpur Road, Jhansi
48	Rishabh Stone Crushing Industries, Khailar, Jhansi
49	Satyam Stone Minirals, Goramachiya, Kanpur Road, Jhansi
50	Vabhav Stone(Old Name Satyam Stone Minirals Extension Unit), Goramachiya, Kanpur Road, Jhansi
51	Sagar Stone, Goramachiya, Kanpur Road, Jhansi
52	Sagar Granite, Goramachiya, Kanpur Road, Jhansi
53	Sangam Stone Minerals, Goramachiya, Kanpur Road, Jhansi
54	Shanti Construction (Stone Crushing Unit), Goramachiya, Kanpur Road, Jhansi
55	Shanti Construction (Extension Unit), Goramachiya, Kanpur Road, Jhansi
56	Sanjay Stone Gramodyog, Gursrai, Jhansi
57	Sri Bhole Baba Stone Crusher, Laxmanpura, Mauranipur Road, Jhansi
58	Shusil Stone Gramodyog, Habupura, Garautha, Jhansi
59	Sushil Stone , Chokri, Garautha, Jhansi
60	Sushil Stone Industries, Chokri, Garautha, Jhansi
61	Shri Mahalaxmi Granite, Dunara, Jhansi

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62	Sri Ram Granite, Khailar, Jhansi
63	Shri Ganesh Stone Crusher, Khailar, Jhansi
64	Sri Tirupati Stone Industries, Khailar, Jhansi
65	Shri Vinod Granite, Goramachiya, Kanpur Road, Jhansi
66	Shyam Stone Industries, Digara, Jhansi
67	Shanti Construction (Veerangna), Goramachiya, Kanpur Road, Jhansi
68	Shanti Construction Stone Crushing Unit, Goramachiya, Kanpur Road, Jhansi
69	Supreme Granite Unit-2, Khailar, Jhansi
70	Vinayak Stone Crusher, Khailar, Jhansi

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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)

S.No.	Activity	No.	Period	Coverage
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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