

Action Plan for control of air pollution in non-attainment city Gwalior (M.P.)



About City Gwalior :

History & Importance of City

Gwalior's history is traced back to a legend in 8th century AD when a chief tain known as Suraj Sen was struck by a deadly disease and cured by a hermit-saint Gwalipa. As a gratitude for that incidence, he founded this city by his name. The new city of Gwalior became existence over the centuries. The cradle of great dynasties ruled the city Gwalior. With different dynasties, the city



gained new dimensions from the warrior kings, poets, musicians, and saints who contributed to making it renowned throughout the country. The city is also the setting for the memorials of freedom fighters such as Tatyta Tope and the indomitable Rani of Jhansi. Following places are there in Gwalior with great historical importance.

- The Fort
- Gujari Mahal
- Man Mandir Palace
- Gurudwara Data Bandhi Chhod
- Gopachal Parvat
- Sun Temple
- Sarod Ghar
- Jai Vilas Palace and Museum



Geography of Area

Gwalior is located at 26.221667N 78.182660E. It has an average elevation of 197 metres (646 feet). Gwalior is a historical Indian city - is located on the periphery of Madhya Pradesh State, 321 Kms (199.5 Miles) from Delhi and 121 Kms (76 Miles) from Agra.

Gwalior is a city in Madhya Pradesh in India. It lies 76 miles (122 km) south of Agra and has a population of over 12 lakh (1,200,000). The Gwalior metropolitan area is the 46th most populated area in the country. Gwalior occupies a special mention in India's

medieval history and freedom struggle. The city also enjoys a unique position with regard to education and boasts of several colleges and schools well known across the country.

Gwalior occupies a strategic location in the Gird region of North India, and the city and its fortress have served as the center of several of North India's historic kingdoms. At present also its strategic location is marked by the presence of major air base at maharajpura. Gwalior is the administrative headquarters of Gwalior district and Gwalior division.



At the heart of Gwalior is its fortress (Gwalior Fort), built by Raja Man Singh Tomar, of the Tomar dynasty. This formidable structure had the reputation of being one of the most invincible forts of India. It occupies an isolated rock outcrop. The hill is steepended to make it virtually unscalable and is surrounded by high walls which enclose buildings from several periods. The old town of Gwalior lies at the eastern base of the fortress. Lashkar, formerly a separate town that originated as a military camp, lies to the south, and Morar, also a formerly separate town, lies to the east. Gwalior, Lashkar and Morar are presently part of Gwalior Municipality.

Areas of the City

The Old Town

The old town of Gwalior, commonly called Hazira, which is of considerable size, but irregularly built, lies at the eastern base of the rock. It contains the tomb of the Sufi saint Mahommed Ghaus, erected during the early part of Mughal emperor Akbars reign, and the tomb of Mian Tansen, a great singer and one of the 'Nine Jewels' of Akbar's court.

Close to the heart of the city is splendid Jai Vilas Palace, patterned on the French palace of Versailles. The town has a museum situated in the Gujari Mahal.

Lashkar

Lashkar is derived from the Persian lashkar, meaning army, or camp, as it was originally the camp, and later the permanent capital, of the Scindia dynasty of Gwalior state. Jayaji Chowk is the central focus of Lashkar, with a large square, a former opera house, banks, tea, coffee and juice stands and a municipal market building. Thriving bazaars surround the chowk.

Many jewellery shops are situated near Jayaji Chowk aka Maharaj bada. A source of water for the city Tighra is 10 km north of here. The Gajra Raja Medical College, founded in 1946 by the Maharaja Jiwaji Rao Scindia and the Maharani Vijayaraje Scindia, is situated in Lashkar on Palace Road, near Katora Taal, together with a group of many hospitals.

Morar

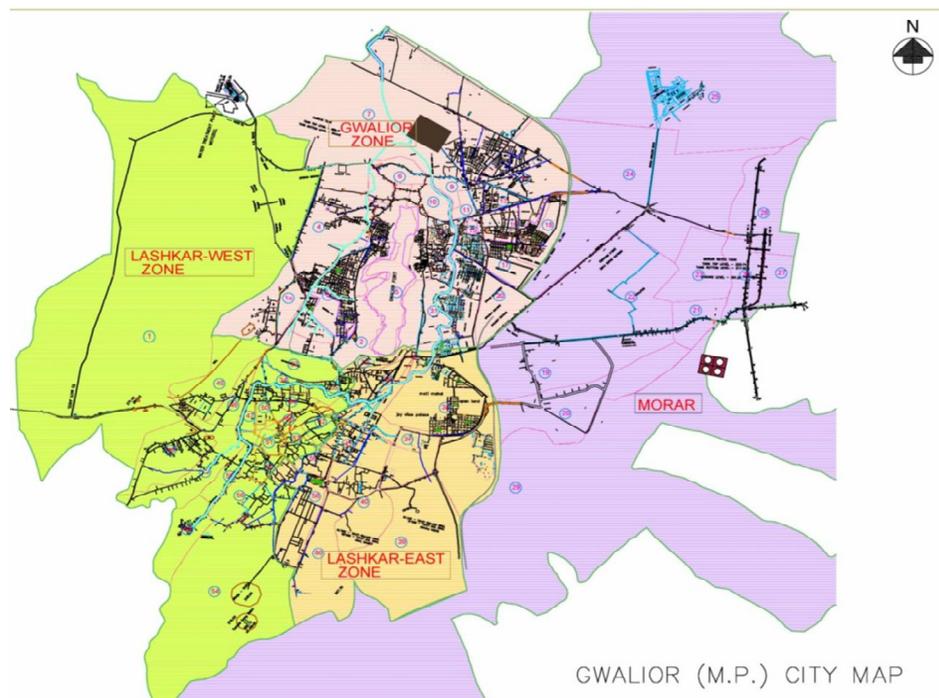
Morar, formerly a separate town, lies three miles east of the old city. It was formerly a British military cantonment. Morar was the scene of the most serious uprising in Central India. By 1900 it had become a centre for local trade and had an important training industry, with a population of 19,179 in 1901.

The second Temple of the Sun in India is situated in Morar at Residency Road after The Konark Sun Temple. This Sun Temple was built by the Aditya Birla Trust.

The cantonment area makes up a large area of Morar which is official residences for the Indian Army. It has many canteens for Army personnel. Near it is located one of the best known schools in Gwalior: The St. Paul's School.

Morar is generally a rural farming town. There is a big Galla Mandi. There are some beautiful places in Morar also and the area is known as the green part of Gwalior because much of the area is still rural.

The major source of air pollution in Gwalior is vehicular emission, construction activities, industrial emission etc. M P Pollution Control Board is regularly monitoring the Ambient Air Quality at Gwalior through two manual NAMP stations installed at Maharaj Bada and D.D. Nagar. Two another CAAQMS proposed one at Phool Bagh another at City Centre area.



1.0 BACKGROUND

- 1.1** Central Pollution Control Board vide its letter no. 18965 dated 21.03.2018, has directed to make action plan for Gwalior city when is listed as one the most polluted city in the world, may be sent to CPCB latest by 28/03/2018. CPCB also conduct study of Ambient Air Quality at four locations of city but status of ambient air quality still in light in office neither any direction received in this regard.
- 1.2** To comply the above direction issued by CPCB a meeting was organized on 23/03/2018 at Collector Office in Chairperson of Collector, Gwalior, where all concern departments were present in this meeting. As per direction of Collector concern all departments produce action plan to implement AQI of Gwalior city. This office has compiled action taken plan & report sent Board on dated 27/03/2018.
- 1.3** Further Chairman of CPCB Shri R. S. Parihar was reviewed action taken plan on 28/07/2018. In this regard review meeting was organized at Collector Office, where 19 nos. of concern departments were present. Collector Gwalior has present implementation status of action plan through power point presentation. They told in their presentation that all departments is going on to implement their action plan & shall achieve satisfactory AQI as earliest.

The air quality of Gwalior city is being monitored by MPPCB under National Ambient Air Quality Monitoring Programme at 02 locations continuously. The Air Quality Index is being mostly observed satisfactory on monthly average air quality data with respect to PM₁₀, PM_{2.5}.

2.0 NGT Case No. 681/2018

- 2.1** Hon'ble National Green Tribunal, Central Zonal Bench, New Delhi, in the matter of original application no. 681/2018 (*News Item Published in the "Times of India" authored by Shri Vishwamohan Titled "NCAP with multiple timelines to clear Air in 102 cities to be released around August-15"*) passed an order on 08/10/2018. The para 14 & 15 of this order are relevant to comply. In para 11 of the above order, it is stated that CPCB has identified Gwalior city as non attainment city for pollutant PM₁₀ & PM_{2.5} parameter exceeding the prescribed norms.

2.2 That in para 08 of the above order, it is mentioned that CPCB gave presentation before Hon'ble Green Tribunal on 05.09.2018 and the data of air quality from 2011-2015 were considered in the above presentation and thus on the basis of air quality data for year 2011-15, Gwalior city has been considered as non attainment city by CPCB.

2.3 In para 15 (i, ii, iii, iv & v), Hon'ble National Green Tribunal has issued following directions:-

- i. All the states & Union Territories with Non Attainment Cities must prepare appropriate action plans within 02 months aimed at bringing the standards of air quality within the prescribed norms within 06 months from date of finalization of the action plan.*
- ii. The Action Plans may be prepared by six-member committee comprising of Directors of Environment, Transport, Industries, Urban Development, Agriculture and Member Secretary, State Pollution Control Board or Committee of the concerned State. The Committee may be called Air Quality Monitoring Committee (AQMC). The AQMC will function under the overall supervision and coordination of Principal Secretary, Environment of the concerned State/Union Territory. This may be further supervised by the Chief Secretaries concerned or their counterparts in Union Territories by ensuring intra-sect oral co-ordination.*
- iii. The Action Plans may take into account the GRAP, the CAP and the action plan prepared by CPCB as well as all other relevant factors. The Action Plans may be placed before the Committee as directed in direction no. vi. The Action Plan will include components like identification of source and its apportionment considering sectors like vehicular pollution, industrial pollution, dust pollution, construction activities, garbage burning, agricultural pollution including pollution caused by burning of crop residue, residential and indoor pollution etc. The action plan shall also consider measures for strengthening of Ambient Air Quality (AAQ) monitoring and steps for public awareness including issuing of advisory to public for prevention and control of air pollution and involvement of schools, colleges and other academic institutions and awareness programmes.*
- iv. The Action Plan will indicate steps to be taken to check different sources of pollution*

having speedy, definite and specific timelines for execution.

- v. The Action Plan should be consistent with the carrying capacity assessment of the non-attainment cities in terms of vehicular pollution, industrial emissions and population density, extent of construction and construction activities etc. The carrying capacity assessment shall also lay emphasis on agricultural and indoor pollution in rural areas. Depending upon assessed carrying capacity and source apportionment the authorities may consider the need for regulating number of vehicles and their parking and plying, population density, extent of construction and construction activities etc. Guidelines may accordingly be framed to regulate vehicles and industries in non-attainment cities in terms of carrying capacity assessment and source apportionment.*

- 2.4** It is pertinent to mention here that, in 2012 & 2016, Gwalior was declared as Critically Polluted Area by WHO and directed MPPCB to prepare comprehensive action plan for abatement of Air/Water Pollution of Gwalior. Accordingly MPPCB prepared the required action plan & submitted to MOEF & CPCB for consideration. It is also informed that a petition was filed before Hon'ble National Green Tribunal on the above subject matter & Hon'ble National Green Tribunal; Central Zonal Bench Bhopal had directed Chief Secretary of the MP State to submit Long Term Action Plan to mitigate the pollution of city Gwalior. Accordingly, Govt. of M.P. submitted long term action plan on 27.03.2018 before Hon'ble Green Tribunal. As mentioned here in above, CPCB directed to make action plan for non attainment city Gwalior. The action plan was framed as per CPCB guidelines and implemented by various stake holders under the chairmanship of Collector Gwalior.
- 2.5** All the above Action Plans made for improvement of the Air Quality of city Gwalior have been implemented by various stake holders and due to this the city The AQI of Gwalior is being observed mostly satisfactory throughout last 03 years.
- 2.6** As mentioned here in above, Hon'ble National Green Tribunal has issued directions to submit the Action Plan for non attainment city Gwalior to achieve Ambient Air Quality standards.

2.7 The Regional Office, Gwalior has obtained action plan from all the stake holders viz. Nagar Nigam Gwalior, RTO, Traffic Police, Collector, Forest Department, Agriculture Department, Food Department and IDA Gwalior in the lines of order issued by Hon'ble National Green Tribunal.

2.8 Regional Office, Gwalior has discussed to all stake holders like Nagar Nigam, RTO, Traffic Police, Forest, Horticulture, PWD and Food Controller about action plan of city Gwalior in compliance of Hon'ble NGT order dated 08/10/18. On the basis of discussion all concern stack holders, those such points which were not attended in the action plans made earlier to improve the Air Quality of the city. The Action Plan is submitted as below:

ACTION PLAN FOR CONTROL OF AIR POLLUTION OF NON-ATTAINMENT CITY GWALIOR

Source group	Action	Implementation period (short/mid/long-term)	Time target for implementation ⁴	Responsible agency(ies)	Remark/Present status
Vehicle	1. Restriction on plying and phasing out of 15 years old commercial diesel driven vehicles	Mid	December 2019	RTO Gwalior	Transport Department, Govt. of MP has issued notification dated: 24/11/2010 and has phased out the public service vehicles (Buses), which are older than 15 years. To phase out 15 year old all Commercial diesel driven vehicles As per Central Motor Vehicle Act, 1988, Sec.59 " Power to fix the age limit of motor vehicle " under this section Central Government is empowered to fix the age limit of motor vehicle. Annexure-1
	2. Introduction of cleaner fuels (CNG/LPG) for vehicles	Long	-	RTO & Oil Company	06 nos. Of CNG filling station has been established. At present 6067 LPG vehicles & 6981 CNG vehicles has been registered. CNG infrastructure is robust in long term, so CNG buses proposed to be introduced.

					Communication to Commissioner Nagar Nigam has been made to procure CNG buses to be deployed as Inter/Intra city transport under Smart City Mission. Annexure-2
	3. Regular checking of vehicular emission and issue of Pollution under Control Certificate (PUC)	Short	-	RTO & Traffic Police	<p>1. RTO has registered 34 PUC centres for checking of vehicular emission, which are being issued pollution under control certificate (PUC).</p> <p>2. Traffic Police is regularly checking such vehicle.</p> <p>3. The process of E-challen action under process.</p>
	4. Good traffic management including re-direction of traffic movement to avoid.	Mid	July 2019	Traffic Police and MC	<p>Various one-way has been made in city to control heavy traffic.</p> <p>41 traffic signal in different areas has been established.</p> <p>Smart equipments collapsible stoppers, body borne camera, e-challan etc. being used for enforcing traffic rules.</p> <p>04 no. of ROBs are in existing at Padav, Birla Nagar, A.G. Office road, Purani Chhawani road & 1 no. under bridge at Jhansi road.</p> <p>4 nos. of more ROB are under construction at near Padav & Vivekanand Needam Gwalior, Mall garh & Yadav Dharam kanta.</p> <p>04 nos. fly over's proposed at Hazeera Chouraha to Char Shahar Ka Naka, Shinde Ki Chhawani to Ramdas Ghati, Kampoo bus stand to Maharaj bada Gorkhi, Baradi chouraha Morar to 7 no. chouraha, Morar, Gwalior in re-densification in long term.</p> <p>A report has prepared in Smart Traffic Solution with coordination of traffic department which includes: Junction improvements and strengthening to enforcement of rules.Annexure-3</p>

5. Ban on registration of Diesel driven auto rickshaw/ Tempo	Short	June 2019	RTO	<p>Sankalp has been passed vide letter no. 2617 dated 30/09/14 for restriction for new registration of diesel driven vikram tempo, 10 year old vikram tempo not allowed in the city.</p> <p>Sankalp has been passed vide letter no. 2617 dated 30/09/14 for restriction for new registration of diesel driven auto, 10 year old diesel driven auto not allowed in the city.</p>
6. Promotion and operationalization of E-rickshaw	Mid	November 2019	RTO and MC	1158 nos. E-rickshaws have been introduced in the city.
7. Development of Multi-layer parking	Long	December 2019	MC, PWD & Dist. Admini.	<p>3 nos. multi level parking's have been built, 2 at city center & 1 at Naya Bazar.</p> <p>Two mechanized parking under construction at Inderganj and Rajeev Plaza.</p> <p>Construction of underground parking is proposed for 400 cars in front of Gorkhi, Maharaj Bada.</p> <p>In smart city no vehicle zone at Bada, Gwalior is proposed.</p> <p>Annexure-4</p>
8. Retrofitting of particulate filters in diesel driven vehicle	Mid	December 2019	RTO	<p>Following is the no. of diesel driven vehicles (below BS-III standards) :</p> <p>Three Wheelers- 9291 Four Wheelers- 10528 PSU – 1076 Goods Vehicle Truck- 19877</p> <p>BS-IV fuels supply started since 01.04.2017.</p> <p>Policy of phasing out 15 year old vehicles will bring down the no. of diesel driven vehicles (below BS-III standards)</p>
9. Checking of fuel adulteration	Short	April 2019	Food Dept.	<p>Randomly fuel adulteration checking is carried out.</p> <p>During 2017-18 year 12 samples have been collected & all these samples tested by IOC laboratory, Bhopal. No adulteration found in</p>

					these samples. It is regularly conducted Annexure-5
	10. Monitoring on vehicle fitness	Short	November 2019	RTO, Traffic Police	Monitoring of vehicle fitness is regularly conducted. After fulfilment of norms fitness certificate is issued. Action has taken against unfit vehicles by penalty/ court challen.
	11. Periodic calibration test of vehicular emission monitoring instrument	Short	April 2019	SPCB & RTO	In city 34 PUC centre operated. Compliance of these centres to be ensure. Periodic calibration will be ensured.
Road dust	1. Regular cleaning of road dust	Short	April 2019	MC	Road sweeping manually done regularly adopting zonal system. 3000 sweepers engaging for sweeping of roads. GMC has 2 nos. of sweeping machine for cleaning of road. Beat wise system has been developed & staff has been deployed in the beat for regular cleaning of roads.
	2. Water spraying on road through tankers	Mid	June 2019	MC	25 tankers are being used for water spraying at dust prone area. 25 jet mobile machines are being used for cleaning of square, road, dividers & road side plantation.
	3. Construction of pucca pavement along the roads.	Long	December 2019	MC & PWD	15 roads of three Vidhan Sabha constructed for dust free by making pavement, foot path, grassing & plantation. Length of these roads are 15.78 kms. Construction of 04 roads under progress for dust free. The length of these roads is 5.65 kms. 06 no. of roads to be proposed for dust free by making pavement, foot path, grassing & plantation. Length of these roads are approx 10.4 kms.
	4. Tree plantation along the roads	Long	August 2019	MC and Forest	80% roads are covered with tree plantation in GMC area. During year 2017-18 one lac. tree plantation has been carried out.

					60000 trees planted along the road & 40000 in open land. GMC has made separate provision of budget of Rs. one lac. for tree plantation in every year.
	5. Development of green belt in open area, gardens, parks/ community places, schools & housing societies.	Long	August 2019	MC and Horticulture	GMC has developed & maintained 520 gardens/parks In addition 4 more major parks developed under smart city & Amrut scheme. One regional park of 150 acres also proposed to be construction at Dinarpur. Annexure-6
	6. Introduction of water fountains at major traffic intersection/Golambar/circle	Long	December 2019	MC and smart city	GMC has made 22 water fountains at major square/circle in city.
Construction Activities	1. Covering of construction site.	Short	April 2019	Building Construction Department and MC	The curtain wall at construction site made compulsory in city & compliance is being ensured.
	2. Transportation of construction materials like sand, soil, stone chips etc. in covered system	Short	April 2019	MC, RTO, Dist. Adm. & Traffic Police	GMC has notified the area for dumping of solid waste into pit behind park of gram Bara, Gwalior, Kati Ghati, Shinde ki chhawnai, Lashkar. GMC has made a provision of penalty of Rs. 2000 per accident for dump of solid material in non-designated area. GMC has decided the amount of Rs. 1000 for trolley & 2500 for truck for transportation of solid material to designated dump sides. GMC also decided 1000 Rs. per trolley & 2000 Rs. per dumper for purchase of solid material under construction & demolition for applicant/institute.

	3. Restriction on storage of construction materials along the road	Short	April 2019	MC	GMC has imposed penalty of Rs. 1000/trolley & 2000/dumper for dumping solid material along the road sides.
Biomass and garbage burning	1. Restriction on open burning on municipal solid waste biomass, plastic horticulture waste etc.	Short	March 2019	MC	GMC has issued office order & impose penalty of Rs. 1000 for violation of burning solid waste biomass, plastic horticulture waste etc in city area.
	2. Immediate lifting of solid wastes generated from de-silting and cleaning of municipal drains for its disposal.	Short	April 2019	MC	It is already in practice for lift solid & other waste mechanically.
	3. Transportation of municipal solid wastes. Construction materials and debris in covered system.	Short	April 2019	MC	125 covered vehicles provided for transportation.
	4. Ensuring promotion & use of cleaner fuel for commercial purposes like local Dhaba/eateries.	Long	-	Dist. Adm. & Oil Company	Implemented Most of the Hotel/Dhaba being use gas as a fuel.
Industries	1. Ensuring installation and operation of air pollution control devices in industries.	Long	December 2019	SPCB	58 air polluting industries operating in GMC area. Status of these industries as per given below : Battery recycler : 10 Confectioneries : 23 Textile : 01 Rubber : 03 Tilli Washing : 10 Food : 02 Foundry : 08 Thermocol : 01 Industry has provided APCM for control emission as per given Annexure-7 Action being initiated against Industries.
	2. Ensuring emission standards in industries.	Short	April 2019	SPCB	As per monitoring package emission monitoring carried out to ensure for maintaining emission standards.
	3. Adoption of cleaner technology in brick kilns	Mid	November 2019	SPCB	Fixed chimney more than 30 meter height provided. Technically feasible & compliance being ensured.

	4. Shifting of polluting industries	Long	October 2021	SPCB & Industry Department	Technically feasible & compliance being ensured. However no highly polluting units are situated inside municipal area, hence shifting not required.
	5. Ban on polluting industries	Short	October 2019	SPCB & Industry Department	As above.
Strengthening of AAQ monitoring	1. Installation of four CAAQMS at City Name A. Two CAAQMS stations under CSR funds of CPSU through Central Pollution Control Board at Eco-Park and IGIMS city Name premise. B. Two CAAQM stations under State Govt. financial assistance.	Mid	December 2019	SPCB	Monitoring of ambient air quality of city at 2 locations – namely Maharaj Bada & Deen Dayal Nagar, where monitoring being manually conducted. AQI is calculated & displayed on boards website regularly. Order has been placed for establishing one CAAQMS at Phool Bagh Chouraha. One CAAQMS proposed to be installed in CSR. Through industrial units two CAAQMS will be installed through CPCB and one manual station be converted to real time on-line monitoring system.
	2. Source apportionment study	Mid	December 2019	SPCB	Will be done in future, if required data of city are at Annexure-8
Public Awareness	1. Issue of advisory to public for prevention and control of air pollution	Short	April 2019	SPCB & SDMA	Advisory to public for prevention & control of pollution regularly is being in practice. Last advisory issued on the occasion Diwali.
	2. Involvement of school and other academic institution in awareness program	Mid	August 2019	SPCB	Awareness program are being in practice. Last programme conducted on the occasion of World Environment Day & Diwali festival.
Others	1. Compliance of guidelines on D.G. sets and action against violation.	Short	December 2019	SPCB & MC	DG-sets as per CPCB norms are mostly in use action regularly taken against sub standard DGs.
	2. Help line to oversee non compliances on aforesaid issues.	Short	December 2019	SPCB & MC	Help line displayed at boards website.

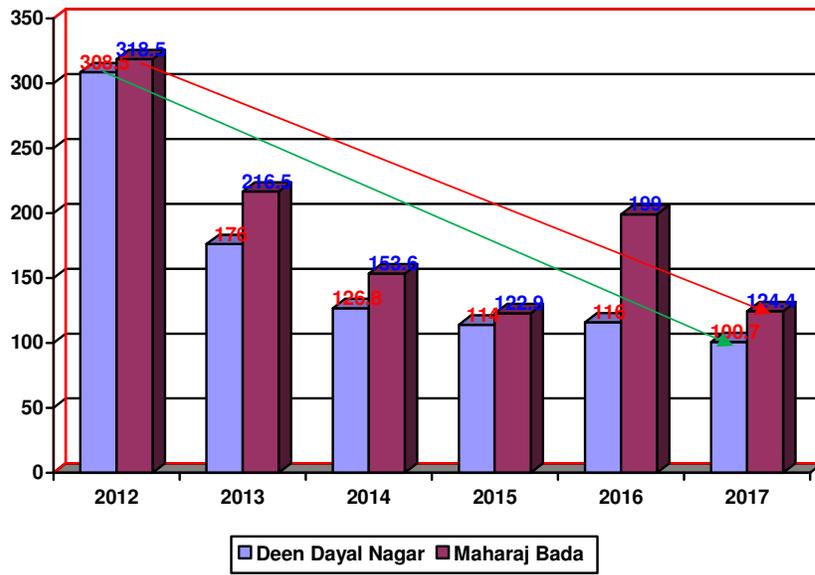
Ambient Air Quality data
Station: Deen Dayal Nagar, (Residential area) Year 2012-2017

Year	PM 10	PM 2.5	SO2	NOx
2012	308.5	-	12.4	24.2
2013	176.0	-	11.9	26.0
2014	126.8	-	9.9	14.5
2015	114.0	-	9.4	13.0
2016	116.0	50.0	9.6	13.0
2017	100.7	42.5	10.0	16.1
Prescribed limit	60	40	50	40

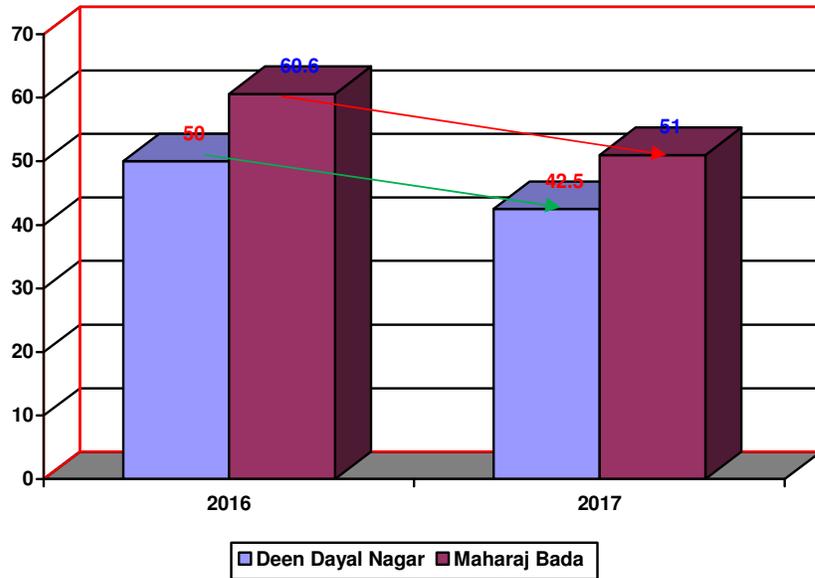
Ambient Air Quality Data**Station : Maharaj Bada, (Commercial Area) Year 2012-2017**

Year	PM 10	PM 2.5	SO2	NOx
2012	318.5	-	14.3	26.0
2013	216.5	-	14.3	28.1
2014	153.6	-	11.1	17.4
2015	122.9	-	10.6	14.1
2016	119.0	60.6	9.9	14.6
2017	124.4	51.0	13.3	16.6
Prescribed limit	60	40	50	40

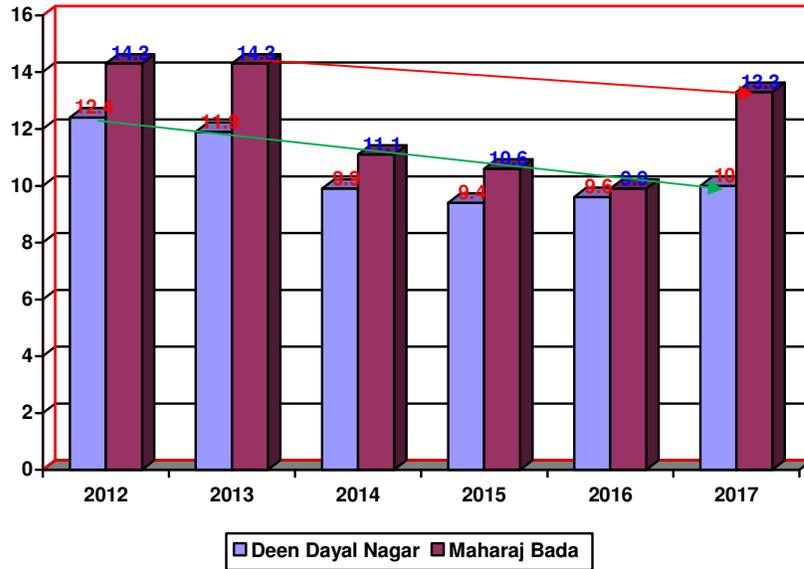
YEARLY VARIATION OF PM-10 (YEAR 2012-2017)



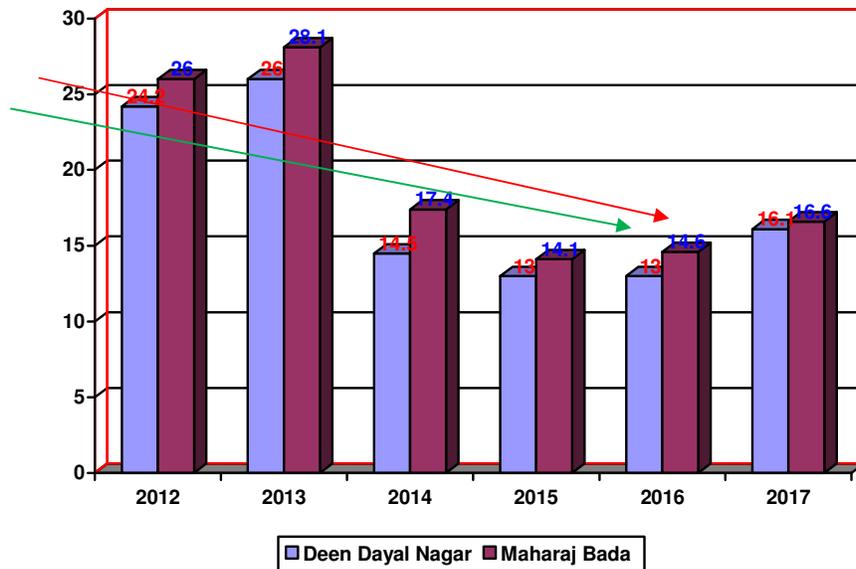
YEARLY VARIATION OF PM-2.5 (YEAR 2016-2017)



YEARLY VARIATION OF SO₂ (YEAR 2012-2017)



YEARLY VARIATION OF NO_x (YEAR 2012-2017)



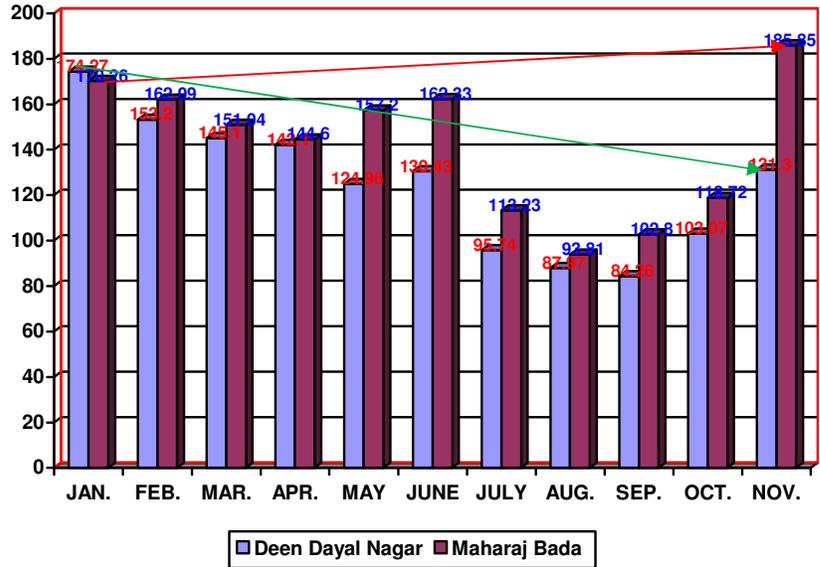
Ambient Air Quality Data
Station : Maharaj Bada, (Commercial Area) (Year 2018)

Month	PM 10	PM 2.5	SO2	NOx
Jan.	170.26	66.50	13.84	21.64
Feb.	162.09	71.20	12.30	27.73
Mar.	151.04	68.10	11.64	20.00
April	144.60	67.60	12.40	22.30
May	157.20	65.88	11.59	21.34
June	162.33	67.72	11.95	22.75
July	113.23	55.82	14.31	23.11
Aug.	93.81	51.96	19.66	18.37
Sep.	102.8	49.42	14.08	20.55
Oct.	118.72	66.59	14.22	21.19
Nov.	185.85	66.54	14.68	21.53
Prescribed limit	60	40	50	40

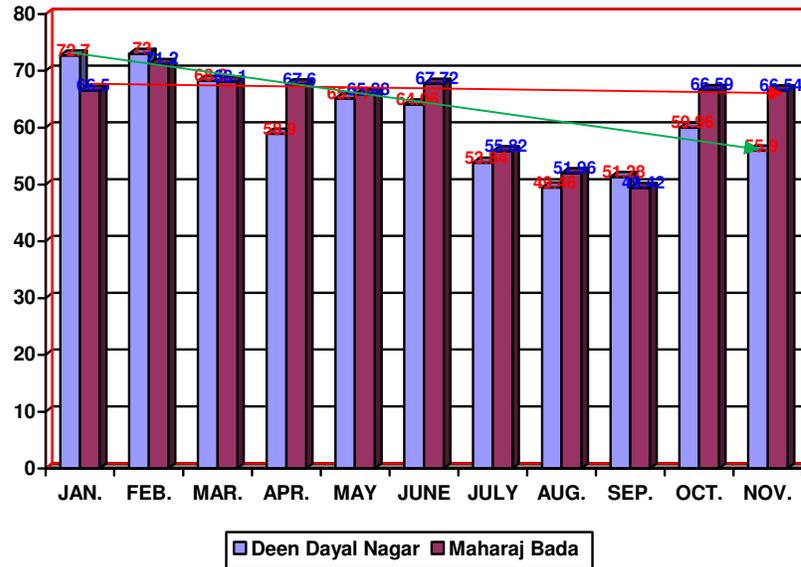
Ambient Air Quality Data
Station : Deen Dayal Nagar, (Residential Area) (Year 2018)

Month	PM 10	PM 2.5	SO2	NOx
Jan.	174.27	72.70	12.25	21.59
Feb.	153.20	73.0	11.78	20.51
Mar.	145.70	68.20	11.35	17.54
April	142.10	58.90	11.08	21.20
May	124.96	65.11	11.61	19.81
June	130.43	64.06	11.84	21.21
July	95.74	53.84	12.33	16.88
Aug.	87.97	49.46	12.37	17.73
Sep.	84.26	51.28	12.06	20.19
Oct.	103.07	59.96	13.05	20.34
Nov.	131.30	55.90	13.7	20.9
Prescribed limit	60	40	50	40

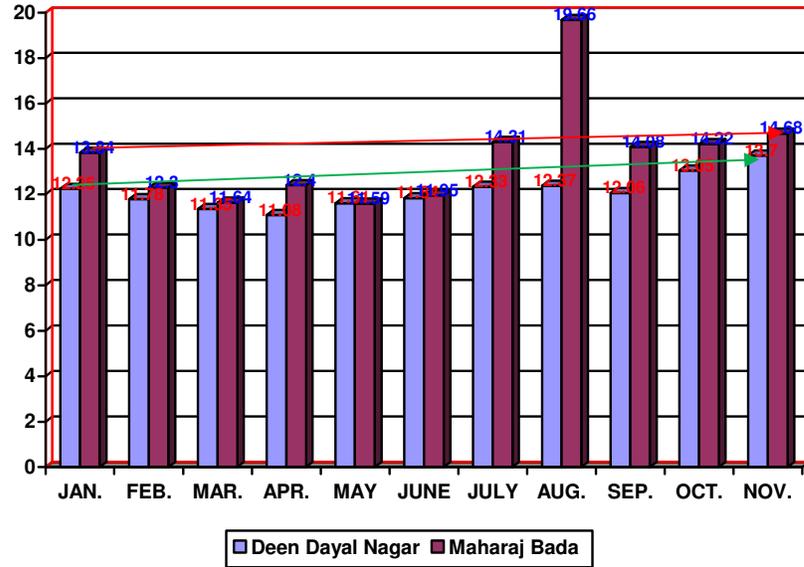
MONTHLY VARIATION OF PM-10 (YEAR 2018)



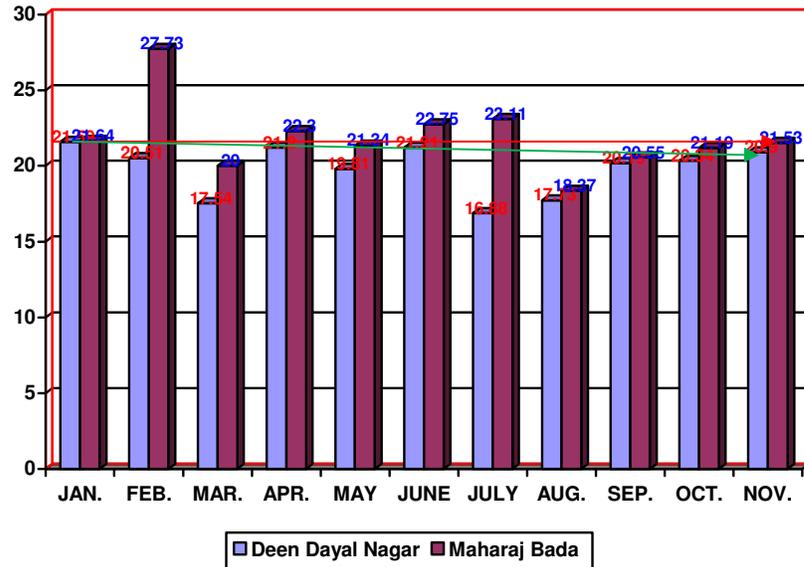
MONTHLY VARIATION OF PM-10 PM-2.5 (YEAR 2018)



MONTHLY VARIATION OF PM-10 SO₂ (YEAR 2018)



MONTHLY VARIATION OF PM-10 NOX (YEAR 2018)



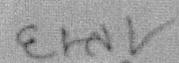
कार्यालय, क्षेत्रीय परिवहन प्राधिकार, ग्वालियर

क्रमांक : /आरटीए/2014, ग्वालियर, दिनांक

!! संकल्प !!

माननीय नेशनल ग्रीन ट्रिब्यूनल, नई दिल्ली द्वारा प्रकरण क्रमांक 101/टीएचसी/अपि, 2012 की दयाराम सिंहारे एवं अन्य विरुद्ध युनियन अपि, इंडिया एवं अन्य में पारित आदेश दिनांक 07/07/2014 द्वारा निर्देशित कार्यवाही का अनुपालन सुनिश्चित करने के लिए तथा जिला सड़क सुरक्षा समिति, ग्वालियर की बैठक दिनांक 22/08/2014 के कार्यवाही के बिन्दु क्रमांक 12 में अनुशंसित/निर्देशित कार्यवाही के अनुपालन में तथा माननीय क्षेत्रीय परिवहन प्राधिकार, इन्दौर/भोपाल/भोपाल द्वारा आम जनता के स्वास्थ्य एवं सुरक्षा की दृष्टि से लागू किए प्रतिक्रियात्मक उपायों के दृष्टिगत, क्षेत्रीय परिवहन प्राधिकार, ग्वालियर यह संकल्प पारित करता है कि :-

- 1] डीजल चलित यात्री किछम टेम्पों का नवीन पंजीयन न किया जाए ।
- 2] डीजल चलित यात्री किछम टेम्पों जो ग्वालियर नगर के भीतर संवर्धित हैं, के परमिट रिफ्रेशमेंट, स्वामित्व अन्तर्ण, पता परिवर्तन आदि कार्य न किया जाए ।
- 3] ऐसे डीजल चलित यात्री किछम टेम्पों जो 10 वर्ष की माडल गर्त के अन्तर्गत आ जाते हैं, उन्हें नगरीय सीमा से बाहर किया जाए ।

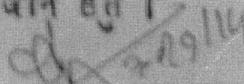

क्षेत्रीय परिवहन प्राधिकार,
ग्वालियर

क्रमांक : 2614 /आरटीए/2014,

ग्वालियर, दिनांक 30-09-2014

प्रतिनिधि :-

1. सचिव, क्षेत्रीय परिवहन प्राधिकार, ग्वालियर की ओर पाल्नावर्ष प्रेषित ।
2. संयुक्त संचालक, सूचना एवं प्रकाशन, मोतीमहल परिसर, ग्वालियर की ओर हुए दैनिक समाचारपत्रों में निम्नलिखित प्रकाशित कराये जाने हेतु प्रेषित ।
3. कार्यालयीन सूचना पट्टा पर प्रकाशन किए जाने हेतु ।


क्षेत्रीय परिवहन प्राधिकार,
ग्वालियर

कार्यालय क्षेत्रीय परिवहन प्राधिकार, ग्वालियर, मध्य प्रदेश

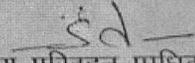
क्रमांक / ५३२९ / आरटीए/क्षे.प.अ./2017

ग्वालियर दिनांक : 16-2-17

:: संकल्प ::

माननीय नेशनल ग्रीन ट्रिब्यूनल, नई दिल्ली द्वारा प्रकरण क्रमांक 101(टीएचसी) ऑफ 2012 श्री दयाराम सिंहारे एवं अन्य विरुद्ध यूनियन ऑफ इण्डिया एवं अन्य में पारित आदेश दिनांक 07.07.2014 द्वारा निर्देशित कार्यवाही का अनुपालन सुनिश्चित करने के लिए तथा आम जनता के स्वास्थ्य एवं सुरक्षा की दृष्टि से लागू किए प्रतिबंधात्मक उपायों के दृष्टिगत, क्षेत्रीय परिवहन प्राधिकार ग्वालियर यह संकल्प पारित करता है कि :-

- (1) डीजल चलित यात्री ऑटो का नवीन पंजीयन न किया जाए।
- (2) ऐसे डीजल चलित यात्री ऑटो जो 10 वर्ष की मॉडल शर्त के अंतर्गत आ जाते हैं उन्हें नगरीय सीमा से बाहर किया जाए।

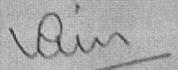

क्षेत्रीय परिवहन प्राधिकार
ग्वालियर संभाग ग्वालियर

क्रमांक / / आरटीए/क्षे.प.अ./2017

ग्वालियर दिनांक :

प्रतिलिपि :-

- (1) सचिव, क्षेत्रीय परिवहन प्राधिकार, ग्वालियर की ओर पालनार्थ प्रेषित।
- (2) संयुक्त संचालक, सूचना एवं प्रकाशन, मोतीमहल परिसर, ग्वालियर की ओर कृपया दैनिक समाचारपत्रों में नि:शुल्क प्रकाशित कराए जाने हेतु प्रेषित।
- (3) कार्यालयीन सूचना पटल पर प्रकाशन किए जाने हेतु।


क्षेत्रीय परिवहन प्राधिकार
ग्वालियर संभाग ग्वालियर

कार्यालय आयुक्त, नगर पालिक निगम, ग्वालियर
डस्ट फी सड़को की जानकारी

स.क्र.	सड़क का नाम	लम्बाई
1	गांधी रोड़, तानसेन होटल से राजमाता तक	1150 मीटर
2	सचिन तेंडुलकर मार्ग सेल टेक्स ऑफिस से राम वाटिका	1000 मीटर
3	राजमाता तिराहा जीवाजी युनिवर्सिटी से हाई कोर्ट	300 मीटर
4	गांधी रोड़ से हाईकोर्ट तक	1130 मीटर
5	गुरुद्वारे से इंदरगंज चौराहा	1000 मीटर
6	कस्तूरबा से के.आर.जी. कॉलेज तक	400 मीटर
7	हनुमान चौराहा से ए.बी.रोड़	2100 मीटर
8	बेटी बचाओ चौराहा से वीरपुर पुलिया तक	2500 मीटर
9	बी.एस.एन.एल चौराहे से पटेल नगर रोड़ तक	600 मीटर
10	माधव राव सिंधिया मार्ग से गोविन्द पूरी चौराह तक	1200 मीटर
11	दाल बाजार इंदरगंज चौराहे से राजपायगा रोड़ तिराहा तक	630 मीटर
12	थीम रोड़ शीतला सहाय चौराह से राजपायगा मार्ग हुजरात चौराह तक	1100 मीटर
13	नया बाजार चौराहा से लोहिया बाजार ऊट पुल तक	690 मीटर
14	मांडरे की माता चौराह से नाका चंद्रवदनी पॉली टेक्निक चौराहा तक	985 मीटर
15	ठाटीपुर थाने से हरनामपुरा बजरिया होते हुए मेहरा कॉलोनी तक सी.सी. नाली	1000 मीटर


अधीक्षण यंत्री
नगर निगम, ग्वालियर

कार्यालय आयुक्त, नगर पालिक निगम, ग्वालियर
डस्ट फी प्रस्तावित सड़को की सूची

स.क्र.	सड़क का नाम	लम्बाई
1	फूलबाग से पड़ाव	1200 मीटर
2	पड़ाव से हजीरा चौराह	1100 मीटर
3	फूलबाग चौराह से नूरगंज पुलिया	1500 मीटर
4	जिंसी नाला रोड़	4000 मीटर
5	गुड़ा नाका से कम्पू ईटगाह	1100 मीटर
6	तानसेन रोड़ से स्टेशन रोड़ प्लॉट फार्म नं. 04 तक	1500 मीटर


अधीक्षण यंत्री
नगर निगम, ग्वालियर

7

Annexure-5

कार्यालय आयुक्त, नगर पालिक निगम, ग्वालियर
डस्ट फी प्रगतिरत सड़को की जानकारी

स.क्र.	सड़क का नाम	लम्बाई
1	किलागेट से हजीरा	2250 मीटर
2	पाताली हनुमान से चंदनपुरा होते हुये बिरला नगर पुल	1700 मीटर
3	हजीरा चौराह से चार शहर का नाका तक	500 मीटर
4	एस.पी. ऑफिस से यूनिवर्सिटी रोड़ तक	1200 मीटर


अधीक्षण यंत्री
नगर निगम, ग्वालियर

कार्यालय आयुक्त, नगर पालिक निगम, ग्वालियर

नारायण कृष्ण शेजवलकर भवन, तरण पुष्कर के पास, सिटी सेन्टर, ग्वालियर

दूरभाष : 0751-2438300, 4080352 फैक्स : 0751-2438249

क्रमांक/आयुक्त/एस.डब्ल्यू.एम./न.पा.नि./ग्वा./18

ग्वालियर, दिनांक

आदेश

नगर पालिक निगम, ग्वालियर की सीमा में निर्माण एवं विध्वंस सामग्री (Construction & Demolition Waste) का प्रबन्धन एवं निष्पादन निर्माण एवं विध्वंस अपशिष्ट प्रबन्धन नियम, 2016 में निहित प्रावधान के अनुसार किये जाने की प्रक्रिया के तहत मेयर इन काउंसिल, नगर पालिक निगम, ग्वालियर के संकल्प क्रमांक 744 दिनांक 06.10.2018 से निम्नानुसार व्यवस्था स्थापित की गई है :-

- वार्ड क्रमांक-1, ग्राम शंकरपुर के आगे ग्राम बरा, ग्वालियर में कचरा डालने की डम्पिंग साइट एवं कटी घाटी, शिन्दे की छावनी, लश्कर, ग्वालियर पर पूर्व की डम्पिंग साइट पर निर्मित किये गये पार्क के पीछे के हिस्से में गड्डे में निर्माण एवं विध्वंस को डालने हेतु अधिसूचित किया गया है। उल्लेखित स्थल के अतिरिक्त निर्माण एवं विध्वंस सामग्री कहीं भी नहीं डाली जायेगी।
- उल्लेखित अधिसूचित स्थल के अतिरिक्त अन्य स्थल पर निर्माण एवं विध्वंस सामग्री डाले जाने पर प्रति घटना धनराशि 2000 रुपये के मान से पैनल्टी निर्धारित की गई है।
- संस्था अथवा व्यक्ति के द्वारा निर्माण एवं विध्वंस सामग्री नगर पालिक निगम, ग्वालियर के संसाधन से अधिसूचित स्थल पर ले जाये जाने के लिये आवेदन प्रस्तुत करने पर नगर पालिक निगम, ग्वालियर के द्वारा अधिसूचित स्थल पर निर्माण एवं विध्वंस सामग्री एकत्रित कर डम्प की जायेगी और इस कार्य के लिये प्रति ट्रॉली धनराशि 1000 रुपये तथा प्रति डम्पर धनराशि 2500 रुपये शुल्क निर्धारित की गई है।
- नगर पालिक निगम, ग्वालियर से निर्माण एवं विध्वंस सामग्री संस्था अथवा व्यक्ति के द्वारा क्रय किये जाने के लिये धनराशि 1000 रुपये प्रति ट्रॉली तथा धनराशि 2000 रुपये प्रति डम्पर कीमत निर्धारित की गई है, जिसमें ट्रॉली एवं डम्पर की व्यवस्था तथा वाहन में अपशिष्ट को भरने तथा निर्धारित स्थल पर अपशिष्ट को ले जाये जाने की जिम्मेदारी क्रेता की होगी।

अतः नगर पालिक निगम, ग्वालियर के अधीन भवन शाखा, स्वास्थ्य एवं जनकार्य विभाग में कार्यरत सभी स्तर के लोक सेवक, समस्त क्षेत्राधिकारी व सहायक स्वास्थ्य अधिकारी के द्वारा निर्माण एवं विध्वंस अपशिष्ट के प्रबन्धन एवं निस्तारण की प्रक्रिया के तहत मेयर इन काउंसिल, नगर पालिक निगम, ग्वालियर के द्वारा स्थापित की गई व्यवस्था के अनुसार सतत रूप से कार्रवाई करना और की गई कार्रवाई का रिकार्ड संघारित करना सुनिश्चित किया जायेगा। समस्त सम्बन्धित लोक सेवक के द्वारा निर्माण एवं विध्वंस अधिनियम, 2016 की प्रति इंटरनेट से डाउन लोड की जाकर अधिनियम में निहित प्रावधान के अनुसार कार्रवाई करना सुनिश्चित किया जायेगा।



(विनोद शर्मा),

आई.ए.एस.

आयुक्त

नगर पालिक निगम, ग्वालियर

ग्वालियर, दिनांक

क्रमांक/आयुक्त/एस.डब्ल्यू.एम./न.पा.नि./ग्वा./18/

प्रतिलिपि :

- सचिव, नगर पालिक निगम, ग्वालियर की ओर मेयर इन काउंसिल के संकल्प क्रमांक 744 दिनांक 06.10.2018 के क्रम में जारी किये गये आदेश का अवलोकन माननीय महापौर महोदय को कराने हेतु प्रेषित है।
- श्री आर. के. श्रीवास्तव, अपर आयुक्त, नगर पालिक निगम, ग्वालियर की ओर आवश्यक कार्रवाई हेतु।
- श्री देवेन्द्र पालिय, अपर आयुक्त (विज्ञ), नगर पालिक निगम, ग्वालियर की ओर आवश्यक कार्रवाई हेतु।



कार्यालय आयुक्त, नगर पालिक निगम, ग्वालियर,
म0प्र0

Annexure - (7)

नारायण कृष्ण शेजवलकर प्रशासनिक भवन
सिटी सेन्टर, ग्वालियर- 474011
Tel. 0751-2438300, 4080352 Fax 0751-2438249
ई-मेल:- nn.gwalior@mpurban.gov.in
वेब साईट:- www.gwalior municipal corporation.org

क्र. स्टेनो/आ./2018

ग्वालियर, दिनांक

2018

आदेश

म.प्र. शासन नगरीय विकास एवं आवास विभाग के आदेश दिनांक 11.04.2008 अंतर्गत निर्धारित किये गये अर्थदण्ड के क्रम में निम्न तालिका के कॉलम क्र. 02 में उल्लेखित अपशिष्ट प्रबंध के उल्लंघन की श्रेणी अंतर्गत तालिका के कॉलम क्र. 03 अनुसार प्रत्येक बार अर्थदण्ड/स्पॉट फाईन किये जाने हेतु निम्नानुसार राशि निर्धारित की जाती है -

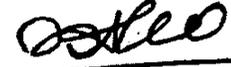
क्र	अपशिष्ट प्रबंध के उल्लंघन की श्रेणी	प्रत्येक बार अर्थदण्ड की राशि
01	02	03
01	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत समस्त रहवासियों, व्यवसायिक, सार्वजनिक एवं अन्य प्रतिष्ठानों द्वारा कचरे का प्रथमकीकरण न कर टोस अपशिष्ट नियम 2016 का उल्लंघन	रहवासी अधिकतम रु. 50 से 250/- व्यवसायिक अधिकतम रु. 5000/-
02	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत बल्क कचरा उत्पादकों द्वारा परिसर में ही गीले कचरे का निपटान न कर टोस अपशिष्ट नियम 2016 का एवं ई.पी.ए. एक्ट 1986 का उल्लंघन	अधिकतम रु. 5000/-
03	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थानों पर थूकना	रु 100/-
04	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थानों पर पेशाब करना।	रु 250/-
05	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थानों पर शौच करना	रु 500/-
06	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत अधिसूचित क्षेत्र से इतर क्षेत्र में पशुपालन करना या पशु को आवास छोड़ना	रु 1000/-
07	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थानों पर रासायनिक अपशिष्ट डालना	रु 1000/-
08	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत हानिकारक द्रव्य बहाना	रु 1000/-
09	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थानों पर किसी प्रकार से गंदगी फैलाना।	रु 250/-
10	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत सार्वजनिक स्थलों, मार्गों, सड़क किनारे, नालियों में कचरा या गंदगी फैलाना या डालना	रु 250/-
11	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत निर्माण कार्य से निकले मलबे को सड़क पर डालना	प्रति ट्रॉली रु. 1000/- प्रति डम्पर रु. 2000/-
12	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत तालाब एवं अन्य जल संरचनाओं में कचरा डालना।	रु 500/-
13	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत पॉलिथिन या प्लास्टिक की थैलियों का क्य/विक्य एवं भण्डारण किया पाये जाने पर।	रु 1000/-
14	नगर पालिक निगम, ग्वालियर की सीमा अंतर्गत किसी भी प्रकार का कचरा जलाते हुए पाये जाने पर।	रु 1000/-



एक नमन सचकारण की ओर

02/ म.प्र. नगर पालिक निगम अधिनियम 1956 की 69 (4) में प्रदत्त शक्तियों को प्रयोग में लाते हुए उक्त तालिका के कॉलम क्र. 02 में वर्णित उल्लंघन की श्रेणियों के अंतर्गत तालिका के कॉलम क्र. 03 अनुसार अर्थदण्ड की राशि अधिरोपित किये जाने हेतु नगर पालिक निगम, ग्वालियर से उपायुक्त सह प्रशासनिक अधिकारी, मुख्य समन्वयक अधिकारी, क्लस्टर अधिकारी, स्वास्थ्य अधिकारी (ग्रामीण एवं शहरी), भवन अधिकारी, क्षेत्राधिकारी सह भवन निरीक्षक, सहायक स्वास्थ्य अधिकारी, राजस्व एवं सम्पत्तिकर करसंग्रहक एवं वार्ड हेल्थ, आफिसर को अधिकृत किया जाता है।

पूर्व प्रसारित समस्त आदेश इस आदेश की सीमा तक परिवर्तित एवं संशोधित समझे जावें।



(विनोद शर्मा)

आयुक्त

नगर निगम, ग्वालियर

पृ. क्र. स्टेनो/आ./2018

ग्वालियर, दिनांक 04.12.2018

01. सचिव, नगर निगम, ग्वालियर की ओर माननीय महापौर महोदय के अवलोकनार्थ।
02. अपर आयुक्त, स्वच्छता, नगर निगम, ग्वालियर।
03. अपर आयुक्त, वित्त, नगर निगम, ग्वालियर।
04. आवासीय सहायक संचालक, स्थानीय निधि संपरीक्षा, कैम्प, नगर निगम, ग्वालियर।
05. उपायुक्त सह प्रशासनिक अधिकारी, समस्त, नगर निगम, ग्वालियर।
06. सहायक आयुक्त, राजस्व, नगर निगम, ग्वालियर।
07. मुख्य समन्वयक अधिकारी, समस्त, नगर निगम, ग्वालियर।
08. क्लस्टर अधिकारी, समस्त, नगर निगम, ग्वालियर।
09. स्वास्थ्य अधिकारी, नगर निगम, ग्वालियर।
10. भवन अधिकारी, समस्त, नगर निगम, ग्वालियर।
11. क्षेत्राधिकारी सह भवन निरीक्षक, समस्त, नगर निगम, ग्वालियर।
12. कार्यालय अधीक्षक, सा.प्र./राजस्व, नगर निगम, ग्वालियर।
13. सहायक स्वास्थ्य अधिकारी, समस्त, नगर निगम, ग्वालियर।
14. राजस्व एवं सम्पत्तिकर करसंग्रहक, समस्त, नगर निगम, ग्वालियर।
15. वार्ड हेल्थ ऑफिसर, समस्त, नगर निगम, ग्वालियर।
16. रिकॉर्ड शाखा, नगर निगम, ग्वालियर।



आयुक्त

नगर निगम, ग्वालियर

OPERATING INDUSTRY STATUS OF APCM INSTALLED IN GWALIOR CITY

Sr. No.	Name of Industry	Source	Fuel	Installed APCM	Remark
Food Industries :					
1	J. B. Mangharam Foods Limited	Boiler	CNG	Stack	Satisfactory
2	Tropilite Foods	Boiler	Coal/Wood	Bag filter, Stack	Satisfactory
Rubber Industries :					
1	Unipatch Rubber Industry	Boiler	Petcock	Bag filter, Scrubber, Stack	Satisfactory
2	Adarsh Tyre	TFH	FO	Stack	Unsatisfactory
3	Ajay Rubber	TFH	FO	Stack	Unsatisfactory
Textile :					
1	Harshit Textile Limited	Boiler	Coal	Bag filter, Stack	Satisfactory
Recyclers :					
1	Krishna Iron & Metal Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
2	Banke Bihari Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
3	Mahaveer Metal Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
4	R. K. Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
5	Shanti Metal Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
6	Shanti Prakash Power Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
7	Shivshakti Iron & Metal	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
8	A. K. Industry	Mandir Bhatti & Rotary	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
9	Balaji Industries	Mandir Bhatti	Coal	Gravity chamber, bag house, cyclone, stack	Satisfactory
10	Jetal Chemical Industry	Boiler	Wood/FO	Stack	Unsatisfactory
Foundry :					
1	Shri Laxmi Industry	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
2	Bharat auto & agro industry	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
3	Agarwal metal industry	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
4	Ankit industry	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
5	Map industry	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
6	Modern found & pattern shop	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
7	S. K. Enterprises	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
8	Kusum Foundary	Kapola furnace	Wood/Coal	Stack	Unsatisfactory
Confectioneries :					
1	Ambic Food Product	TFH	FO	Stack	Unsatisfactory
2	Jai Laxmi Industry	TFH	FO	Stack	Unsatisfactory

3	Perfect Confectionery	TFH	FO	Stack	Unsatisfactory
4	Ambika Food Product	TFH	FO	Stack	Unsatisfactory
5	Chocoverly Nutrition Product	TFH	FO	Stack	Unsatisfactory
6	K. P. food product-Unit-2	TFH	FO	Stack	Unsatisfactory
7	K.P. food product	TFH	FO	Stack	Unsatisfactory
8	Diamond Food	TFH	FO	Stack	Unsatisfactory
9	Satnam Food Product	TFH	FO	Stack	Unsatisfactory
10	Prakash Confectionery	TFH	FO	Stack	Unsatisfactory
11	Delite Food	TFH	FO	Stack	Unsatisfactory
12	Kishan Confectionery	TFH	FO	Stack	Unsatisfactory
13	Kishan Food Product	TFH	FO	Stack	Unsatisfactory
14	Prince Product	TFH	FO	Stack	Unsatisfactory
15	Adhya Industry	TFH	FO	Stack	Unsatisfactory
16	M. K. Food Product	TFH	FO	Stack	Unsatisfactory
17	Jay Maa Ratangarh Food Product	TFH	FO	Stack	Unsatisfactory
18	J.B. Food	TFH	FO	Stack	Unsatisfactory
19	Keshal View Food Link	TFH	FO	Stack	Unsatisfactory
20	Mahalaxmi Food Product	TFH	FO	Stack	Unsatisfactory
21	Maa Bhagwati Food Product	TFH	FO	Stack	Unsatisfactory
22	Aman Food Product	TFH	FO	Stack	Unsatisfactory
23	Lovely Food	TFH	FO	Stack	Unsatisfactory
Tilli Washing Industry :					
1	Mool chand Madhavdas	Boiler	Coal	Stack	Unsatisfactory
2	Shital Industry	Boiler	Coal	Stack	Unsatisfactory
3	Kohinoor Industry	Boiler	Coal	Stack	Unsatisfactory
4	Saibaba Industry	Boiler	Coal	Stack	Unsatisfactory
5	Jai Baba Industry	Boiler	Coal	Stack	Unsatisfactory
6	Paras White Gold	Boiler	Coal	Stack	Unsatisfactory
7	Pawan Kumar Bhudamal	Boiler	Coal	Stack	Unsatisfactory
8	Kailash Industry	Boiler	Coal	Stack	Unsatisfactory
9	GDP Agro Industry	Boiler	Coal	Stack	Unsatisfactory
10	Shreejee Food Industry	Boiler	Coal	Stack	Unsatisfactory
Thermocol					
1	Agarwal Industry	Boiler	Wood/scrap	Cyclone, Stack	Unsatisfactory

(R. K. Rohitash)
Executive Engineer