



# दिल्ली प्रदूषण नियंत्रण समिति

वायु प्रयोगशाला

5<sup>th</sup> तल I.S.B.T. बिल्डिंग कश्मीरी गेट दिल्ली-06

visit us at : <http://dpecocmms.nic.in>

ध्वनि प्रदूषण

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अत्याधिक शोर के संपर्क में आने से तनाव, स्वारथय में खराबी, संचार की कठिनाइयों और नींद की कमी से थकान, हृदय रोग, संज्ञानात्मक हानि और कानों में बजना या गूँजना जैसे गंभीर मुद्दों से लेकर स्वारथय समस्याओं की एक श्रृंखला दिखाई गई है।

हम निम्नलिखित युक्तियों द्वारा ध्वनि प्रदूषण को कम कर सकते हैं—:

- त्यौहारों और महत्वपूर्ण अवसरों के दौरान पटाखे के लिए नहीं कहो।
- अनावश्यक रूप से हार्न न बजायें।
- डी.जी. सेट के साथ ध्वनिक संलग्नक (Acoustic Enclosure) का प्रयोग करें।
- ध्वनि करने वाली मशीनों का उपयोग करते समय दरवाजा बंद रखें।
- डी.जे. और सार्वजनिक संबोधन प्रणाली (Public addressing System) के साथ ध्वनि सीमक (Sound Limiters) का उपयोग करें।
- ध्वनि नियम तथा ध्वनि सीमा स्तर का पालन करें।
- पेड़ों की योजना बनाकर पर्यावरण को अनुकूल बनायें।

यदि कोई ध्वनि नियमों का उल्लंघन तथा अत्याधिक ध्वनि प्रदूषण करता है। (शिकायत दर्ज की जा सकती है)

हेल्प लाईन न0 155271 तथा वेबसाईट [ngms.delhi.gov.in](http://ngms.delhi.gov.in)



# दिल्ली प्रदूषण नियंत्रण समिति

वायु प्रयोगशाला

5<sup>th</sup> तल I.S.B.T. बिल्डिंग कश्मीरी गेट दिल्ली-06

visit us at : <http://dpecocmms.nic.in>

## सार्वजनिक सूचना

### ध्यान दें: दिल्ली के सभी नागरिक

माननीय राष्ट्रीय हरित अधिकरण (NGT) ने OA No. 519/2016 में हरदीप सिंह और Ors बनाम दक्षिणी दिल्ली नगर निगम तथा Ors दिनांक 27.09.2018 और 14.03.2019 के आदेशों के मामले के लिये हेल्प लाईन न० 24x7 और एक विशेष वेबसाईट को चालू करने के लिये जो कि डीसीपी और एसडीएम द्वारा संयुक्त रूप से निगरानी में रहेंगे, के लिये में निर्देश दिया है।

इस संदर्भ में पुलिस नियंत्रण कक्ष में हेल्प लाईन न० <sup>011</sup>155271 दिनांक 5 अप्रैल 2019 और एक विशेष वेबसाईट [ngms.delhi.gov.in](http://ngms.delhi.gov.in) को राष्ट्रीय राजधानी क्षेत्र (NCT) दिल्ली के राजस्व विभाग द्वारा जुलाई 2019 के अंतिम सप्ताह में लान्च किया गया था। यह अनुरोध किया जाता है कि उपरोक्त हेल्प लाईन न० और वेबसाईट पर ध्वनि प्रदूषण के संबन्ध में किसी भी उल्लंघन की सूचना दी जा सकती है।

हस्ता/-

(अरुण मिश्रा)

विशेष सचिव (पर्यावरण) सह  
सदस्य सचिव, दिल्ली प्रदूषण नियंत्रण समिति



## DELHI POLLUTION CONTROL COMMITTEE

Air Laboratory

5<sup>th</sup> Floor I.S.B.T. Building Kashmiri Gate Delhi-6

visit us at : <http://dpccocmms.nic.in>

NOISE POLLUTION

NOISE POLLUTION

NOISE POLLUTION

Exposure to excessive noise has been shown to cause a range of health problems ranging from stress, poor concentration and productivity losses in the workplace, and communication difficulties and fatigue from lack of sleep, to more serious issues such as cardiovascular disease, cognitive impairment, and tinnitus.

**We can reduce noise Pollution by following mentioned Tips:**

- Say No to Crackers During Festivals & Important Occasions. ...
- Do not Honk! Unnecessarily. ...
- Use The Acoustic Enclosure with D.G. Sets. ....
- Shut the Door when using **noisy** Machines. ...
- Use the Sound Limiters with D.J and Public Addressing System. ...
- Follow the Noise Rules and Limits of **Noise** level. ...
- Go Green by planning trees.

If someone violates the noise rules and creates the excessive noise  
(complaint may be lodged)

**Help Line No. 155271** and Website **ngms.delhi.gov.in**



## DEPARTMENT OF ENVIRONMENT AND FOREST

## NOTIFICATION

Delhi, the 21st November, 2019

F.No. DPCC/(10)(10..../Leg 18/Vol -I/2019/6159.—In exercise of the powers conferred by sub-rule(3) of rule 3 and sub-rule (3) of rule 5 read with clause (c) of rule 2 of the Noise Pollution (Regulation and Control) Rules, 2000, the Hon'ble Minister (Department of Environment and Forest), National Capital Territory of Delhi is pleased to designate the District Magistrate, Police Commissioner or any other officer not below the rank of the Deputy Superintendent of Police and other officer of the concerned Local Bodies to take into consideration all aspects of noise pollution as a parameter of quality of life to avoid noise menace and to achieve the objective of maintaining the ambient air quality standards in respect of noise.

The above authorities are also under obligation to ensure that no audio system or public address system shall be let out / installed without being fitted with Sound limiter in any Government or non-Government function in the whole of National Capital Territory of Delhi. Further no Sound System should be sold/ purchased / supplied / used by any manufacturer / dealer / shopkeeper/ any agency who lets out the Public Address System etc./ individual without having sound limiter in it.

This issues with approval of Hon'ble Minister (Environment and Forest).

KAUSHAL KISHORE, Dy. Secy.



# DUST POLLUTION

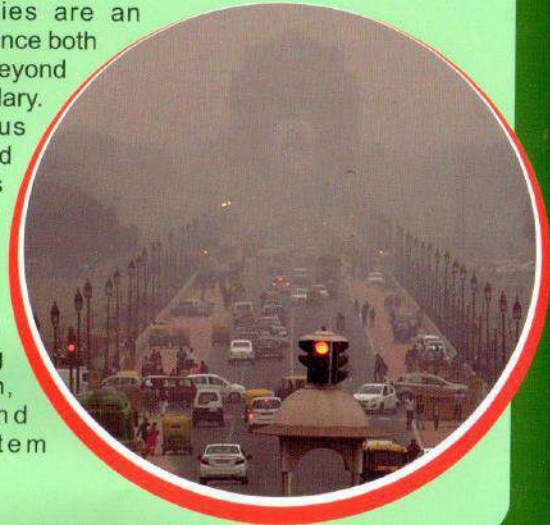
PROTECT  
YOUR  
CITY

Department of Environment  
Government of NCT of Delhi  
[www.environment.delhigovt.nic.in](http://www.environment.delhigovt.nic.in)

## 1. What is Dust:

Dust in general, is fine particles of matter in atmosphere which come from various source such as soil, construction and demolition activities, vehicle movement etc.

Dust is characterized by a concentration, size and properties of dispersed particles. Dust emissions in the form of particulate matter arising from Construction and Demolition activities are an environmental nuisance both within the site and beyond the plant site / boundary. Dusts from various Construction and Demolition activities release wide range of particle sizes and material types and can cause both serious health problems ranging from eye irritation, nose, mouth and respiratory system problem.



## 2. Prescribed Standards for Particulate Matter:

Pollutant	Time Weighted Average	Concentration in Ambient Air	
		Industrial, Residential, Rural & Other Area	Ecologically Sensitive Area (notified by Central Government)
Particulate Matter (size less than 10 $\mu\text{m}$ ) or $\text{PM}_{10}$ $\mu\text{g}/\text{m}^3$	Annual	60	60
	24 Hours	100	100
Particulate Matter (size less than 2.5 $\mu\text{m}$ ) or $\text{PM}_{2.5}$ $\mu\text{g}/\text{m}^3$	Annual	40	40
	24 Hours	60	60

Source: NAAQS notification dated 18.11.2009.



### 3. Sources of Dust:

- Demolition of existing and old structures;
- Renovation of existing buildings (residential or commercial);
- Construction of new buildings (residential or commercial or hotel or school etc.);
- Excavation/ reconstruction of asphalt/ concrete roads;
- Construction of new fly over bridges/ under bridges/ sub-ways etc.;
- Renovation/ Installation of new water/ telephone/ internet/ sewer pipe lines etc.
- Silt collection and disposal system.
- Particles from wear of brakes, tyres and clutches, road surface abrasion and re-suspension of accumulated dust particles on the road surface and kerbside in the wake of passing traffic.



### 4. Harmful Health Effects of Dust Pollution:

- Dust induced eye irritation, coughing, sneezing etc.
- Allergy
- Decreased lung function
- Increased episodes of asthma attacks etc.
- Children and Old age people are most affected.



### 5. Existing Regulation/Acts/Rules related to Dust Pollution Control:

- Environment (Protection) Act, 1986 and Rules/ Notification there under
- Air (Prevention and Control of Pollution) Act, 1981
- Orders of Hon'ble National Green Tribunal (NGT) in OA 21/2014 titled Vardhman Kaushik Vs UOI and Ors and other orders of Hon'ble courts
- Fine / environment compensation as per order of Hon'ble NGT

- a. On spot fine for violations at construction site:
  - i. If the offending construction in plot upto 100 sq. mt. the environmental compensation would be Rs. 10,000/-
  - ii. If the offending construction in more than 100 sq. mt. but upto 200 sq. mt., the environmental compensation would be Rs. 20,000/-
  - iii. If the offending construction is in a plot more than 200 sq. mt. But less than 500 sq. Mt. the environmental compensation would be Rs. 30,000/-
  - iv. If the offending construction is in a plot area of more than 500 sq. mt. the environmental compensation would be Rs. 50,000/-
  - v. Wherever the constructed area is more than 20,000 sq. mt. the environmental compensation would be Rs. 5 Lakhs.
- b. Fine of Rs. 5,000/- on dumping of construction and other waste material in public places.
- c. Fine of Rs. 5,000/- for each violation during carriage and transportation of construction material, debris through trucks or other vehicles.
- d. Ban on dumping of construction material into the Yamuna with imposition of a fine of Rs 50,000/- on the violators.

(Refer website: <http://www.greentribunal.gov.in/> )



## 6. Some Mitigation Measures to control Dust Pollution:

### a) Dust pollution Control measures at construction site- Storage of construction material and C&D wastes:

- Store the sand and other fine aggregates in demarcated areas with a covering.
- Store the loose cement in silos and other fine material in sealed bags.
- Raise barricade along the perimeter and Mount dust barrier sheet extarpaulin / plastic on scaffolding around the construction / demolition building – particularly side facing residential areas.
- Locations of storage / dumping wastes within site to be such to ensure minimum dust dispersal during handling (loading / unloading).
- Ensure no storing / dumping C&D wastes / construction material on metalled (pucca) roads.
- Cordon off sites of demolition activities and take adequate measures to reduce dispersal of dust beyond site limits.
- Sprinkle water / fine spray from nozzles to suppress dust re-suspension at site.
- Simultaneously develop of green buffer at construction site (preferably shrubs & trees that have low uptake of water).



### b) Dust Pollution Control during transportation of Construction material and C&D wastes:

- Cover the C&D material by a sheet made of either jute, tarpaulin, plastic or any other effective material.
- Do not overload Trucks / lorries.
- Ensure minimization of dispersal of dust borne particles during unloading activities of construction material at site / off site by using water sprinklers or covering by a sheet made of either jute, tarpaulin, plastic or any other effective material.
- Roads surfaces to be well maintained to avoid jerk to transport vehicles.

- Bound or enclose the equipment / machineries include transporting (conveyor belt) crushing / hammering etc and use of water sprinklers to suppress dust emissions.
- Maintain the transport vehicles (PUC compliance).
- Damp the routes of transport vehicles within construction site by water (preferably treated waste water)sprinklers.
- Provided necessary safety equipment such as face masks, gloves etc to workers.



(Source: Central Pollution Control Board <https://goo.gl/bKqzo5> )

## 7. Whom to Approach

- All Municipal Corporations (East Delhi Municipal Corporation, South Delhi Municipal Corporation, and North Delhi Municipal Corporation), New Delhi Municipal Council, Delhi Cantonment Board, Delhi Development Authority, Public Works Department,
- SDM and Tehsildars of all the Districts (Revenue Department)
- Delhi Pollution Control Committee
- Delhi Traffic Police

## 8. What a Citizen can do on finding violation:

To receive the public complaints in order to control dust pollution, Delhi Pollution Control Committee (DPCC) has opened whatsapp account with mobile number "9717593501" and "9717593501".



**Your efforts and alertness can make a lot of difference towards controlling Dust Pollution.**

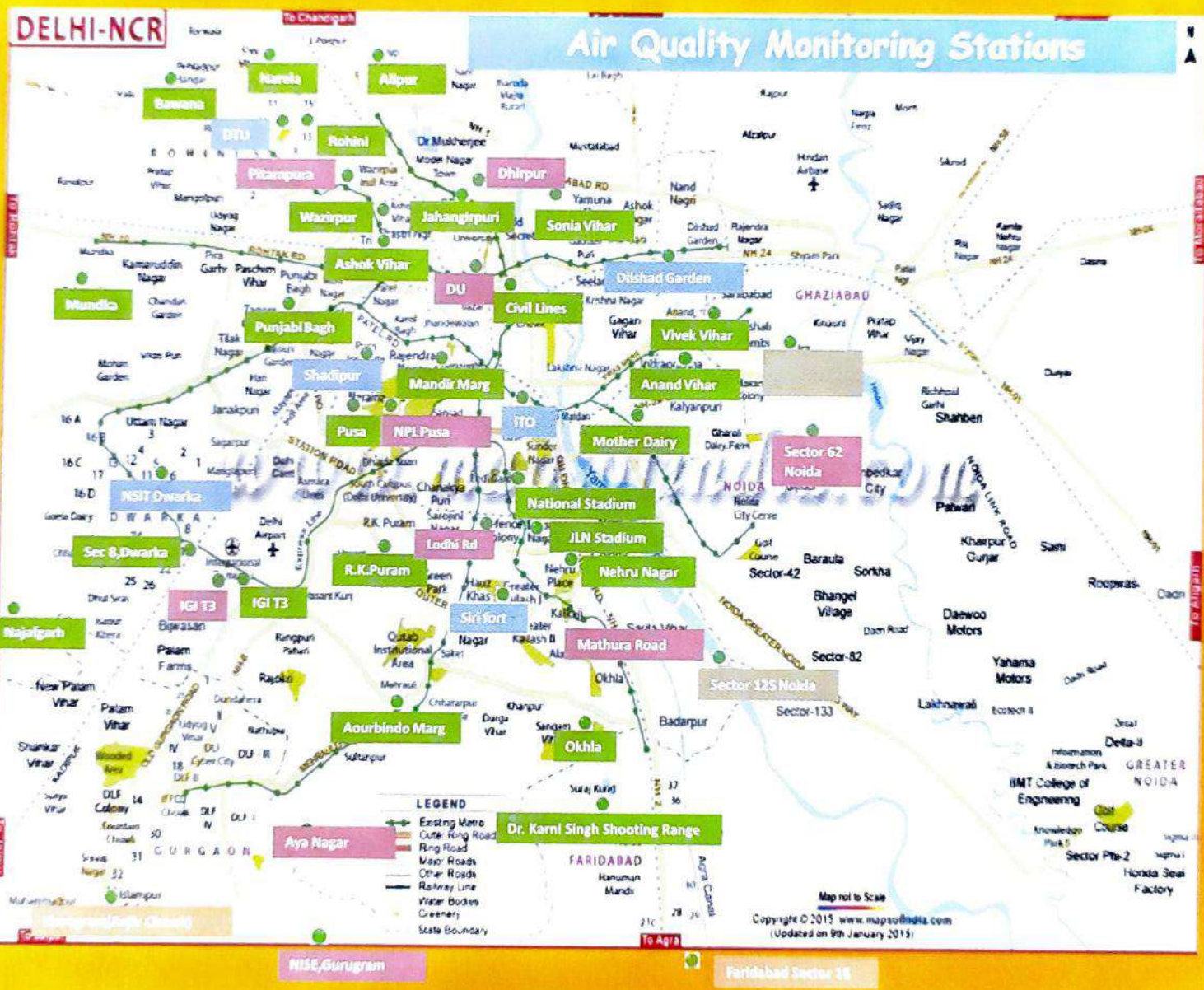
**Department of Environment**

Government of NCT of Delhi

[www.environment.delhigovt.nic.in](http://www.environment.delhigovt.nic.in)



# GRADED RESPONSE ACTION PLAN (GRAP) TO CONTROL AIR POLLUTION



**Department of Environment**  
Govt. of NCT of Delhi  
6th Level, C-Wing, Delhi Secretariat, IP Estate, New Delhi-110002  
[www.environment.delhigovt.nic.in](http://www.environment.delhigovt.nic.in)



## **SEVERE + OR EMERGENCY**

(Ambient  $PM_{2.5}$  or  $PM_{10}$  Concentration value of  $300\mu\text{g}/\text{m}^3$  or  $500\mu\text{g}/\text{m}^3$  respectively persist for 48 hours or more)

**STOP ENTRY OF  
TRUCK TRAFFIC  
INTO DELHI  
(EXCEPT ESSENTIAL  
COMMODITY )**



**STOP  
CONSTRUCTION  
ACTIVITIES**



**INTRODUCE  
ODD AND EVEN  
SCHEMES FOR  
PRIVATE VEHICLES**



**TASK FORCE TO TAKE DECISION ON ADDITIONAL STEPS INCLUDING SHUTTING OF SCHOOLS**



## SEVERE

(Ambient  $PM_{2.5}$  or  $PM_{10}$  Concentration value is more than  $250\mu\text{g}/\text{m}^3$  or  $430\mu\text{g}/\text{m}^3$  respectively)



**SHUT DOWN BADARPUR  
POWER PLANT**



**INTENSIFY PUBLIC  
TRANSPORT SERVICES**



**INCREASE FREQUENCY OF  
MECHANIZED CLEANING OF ROAD  
AND SPRINKLING  
OF WATER ON ROADS**



## VERY POOR

(Ambient  $PM_{2.5}$  or  $PM_{10}$  Concentration value is between  $121-250\mu\text{g}/\text{m}^3$  or  $351-430\mu\text{g}/\text{m}^3$  respectively)



**STOP USE OF DIESEL GENERATOR SETS**

**ENHANCE PARKING FEE BY 3-4 TIMES**



**INCREASE BUS AND METRO SERVICES**

**STOP USE OF COAL/FIREWOOD**



**RWA AND HOUSE OWNERS TO PROVIDE ELECTRIC HEATERS TO SECURITY GUARDS TO AVOID OPEN BURNING**



**ALERT BY ADVERTISEMENT TO ADVISE PEOPLE TO AVOID POLLUTED AREAS**





## MODERATE TO POOR

(Ambient  $PM_{2.5}$  or  $PM_{10}$  concentration value is between  $61-120\mu\text{g}/\text{m}^3$  or  $101-350\mu\text{g}/\text{m}^3$  respectively)



Enforce/Stop garbage burning

Enforce all pollution control regulations in industries



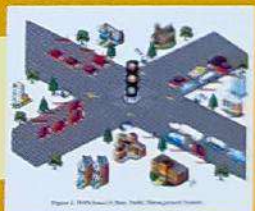
Mechanical Sweeping and water sprinkling on unpaved roads on every two days

Heavy fine for visible emitting vehicles/ Enforcement of PUC norms.



Enforce rules for dust control in construction activities

Deploy traffic police for smooth traffic flow at vulnerable areas



Strict enforcement of diversion of non destined trucks and allow trucks registered after 2005 only to enter into delhi

Strictly enforce Supreme Court ban on firecrackers



Ensure fly ash ponds are watered

Inform people by social media





## Do's

- ☞ For shorter distances, take a walk.
- ☞ Plan your shopping needs in advance to avoid repeated marketing using transportation.
- ☞ Carpool. Two-or four- can ride as cheaply as one.
- ☞ Get a valid Pollution Under Control Certificate from authorized testing center.
- ☞ Use CNG/Electric based Transportation.
- ☞ Switch off vehicles at Red Light in busy Signals.
- ☞ Carry out Plantation in the neighboring areas.
- ☞ Ensure that construction activities take place only in covered/barricaded areas.
- ☞ Take Piped Gas connection instead of LPG.

## Don'ts

- ☞ Do Not burn Garbage/Plastic/Biomass.
- ☞ Don't use extensively your private vehicles, try to use public transportation whenever possible.
- ☞ Do Not burst Firecrackers.
- ☞ Avoid morning walk and outdoor exercises during severe and very poor Air Quality Index.

### Department of Environment

Govt. of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, IP Estate, New Delhi-110002

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## DO's



Always maintain your motor vehicles, machineries etc. and its exhaust silencer in proper condition.



Ensure that your Diesel Generator Set is provided with acoustic enclosure.

Keep the volume of the loudspeaker or sound amplification system low so as not to annoy your neighbours.



Say No to Crackers.

Ensure that construction activities take place only in covered/barricaded areas.

Plant more and more trees to act as noise barrier.



## Don't's

- Avoid using horns except at emergencies.
- Avoid use of multi toned/air horns in your vehicle.
- Avoid use of loudspeaker in the open.
- Do not use loudspeaker or any sound amplification system between 10.00 P.M and 6.00 A.M., except in closed premises.
- Do not make your neighbour a captive listener to your music system.
- Do not play fire-crackers between 10.00 P.M. to 6.00 A.M.
- Don't use horn in the silence zones.

Whom to Approach/Who can take action in case of violations of Noise rules.

- All Deputy Commissioners, Office of Divisional Commissioner, GNCTD
- All Sub Divisional Magistrates, Office of Divisional Commissioner, GNCTD
- Asstt. Commissioners of Police (Control Room & Traffic)
- All Sub Divisional Police Officers including Railways & Airports
- Chairman and Member Secretary of Delhi Pollution Control Committee, Delhi

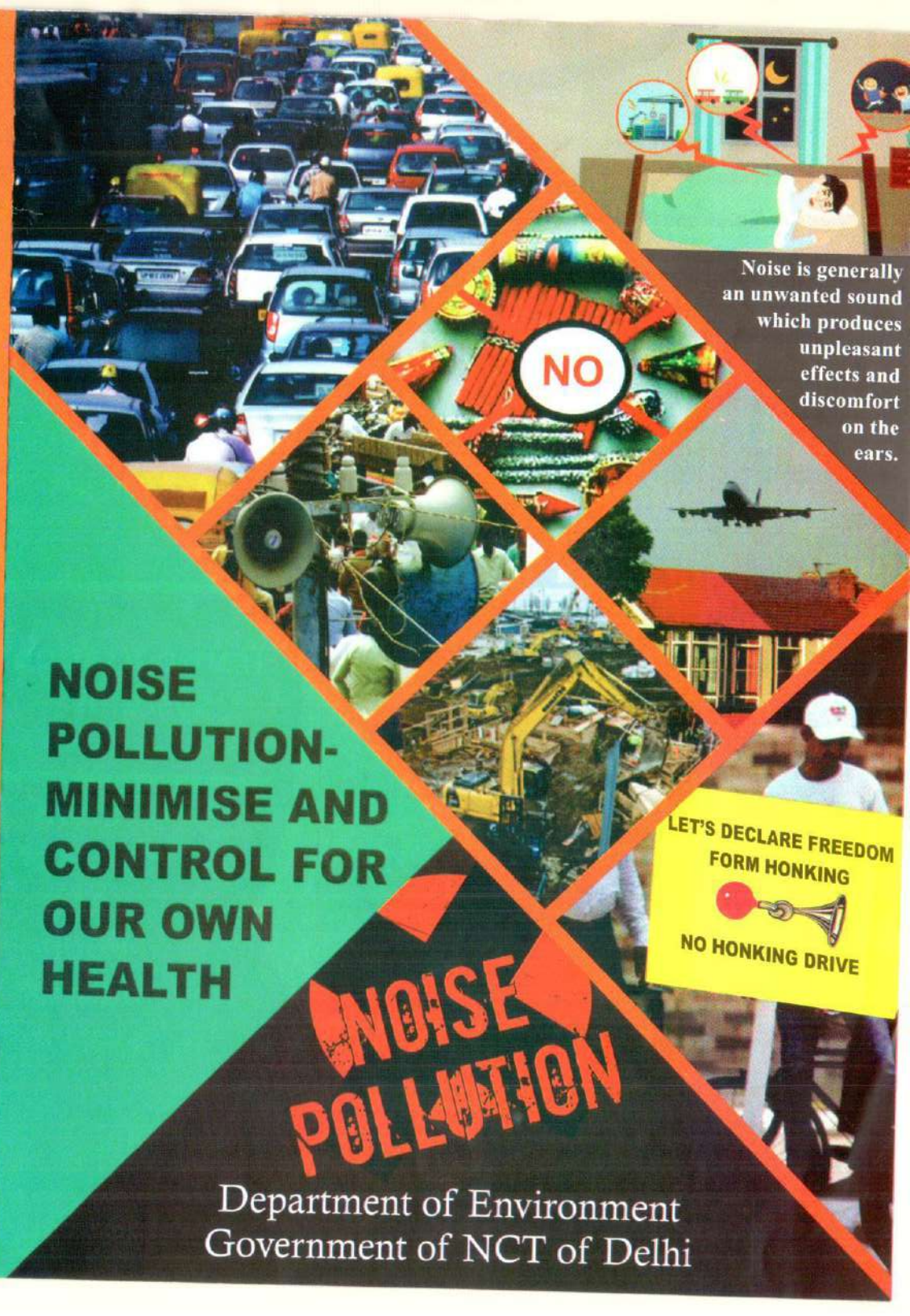
You can instantly register your complaint/grievance regarding Noise Pollution:

1. By calling Delhi Police helpline No. 155271
2. By visiting website [ngms.delhi.gov.in](http://ngms.delhi.gov.in)

DEPARTMENT OF ENVIRONMENT

Government of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, Delhi - 110002



Noise is generally an unwanted sound which produces unpleasant effects and discomfort on the ears.

**NOISE  
POLLUTION-  
MINIMISE AND  
CONTROL FOR  
OUR OWN  
HEALTH**

**NOISE  
POLLUTION**

Department of Environment  
Government of NCT of Delhi



# Noise Pollution and its Sources

## Acts Related to Noise Pollution Control

- Air (Pollution and Prevention) Act, 1981
- Environment (Protection) Act, 1986
- Noise Pollution (Regulation and Control) Rules, 2000

## Ambient Air Quality Standard in Respect of Noise

Category	Day Time	Night Time
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40
All Values dB(A) Leq		

Industrial Activities

Transportation systems

Loud speakers and Public address systems

Construction Activities

## Notified areas as Silence Areas/Zones:



An area of 100 meters around all Educational Institutions having more than one thousand students.



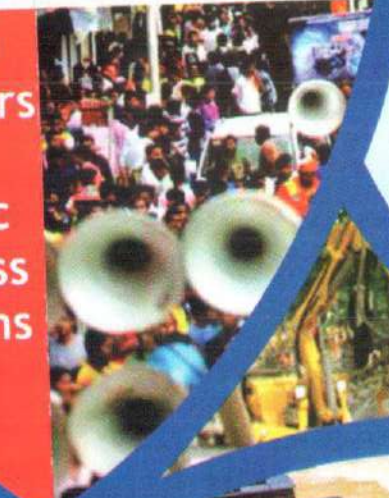
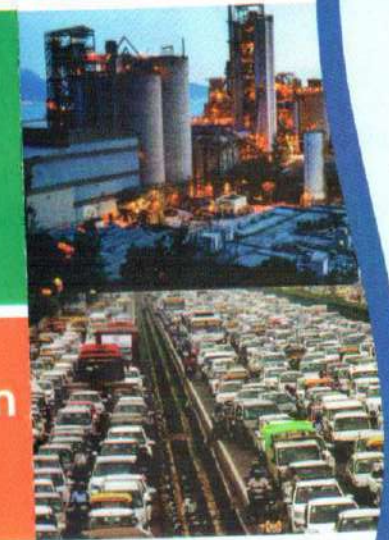
An area of 100 meters around all Courts.



An area of 100 meters around all Government Office Complexes.



An area of 100 meters around all 100 bedded and above hospitals.





## DON'TS

- Do not discharge contaminated water in drains/ water bodies/ river.
- Do not throw plastic, garbage, religious material and other wastes in river Yamuna.
- Do not litter near water bodies including lakes, ponds, drains and river.
- Do not block/stop natural drains by constructing on drain or dumping wastes in the drain.
- Do not waste WATER, it is precious and life supporting .
- Do not immerse idols made of Plaster of Paris and baked clay or painted with chemical/heavy metals based paints.
- Do not let overhead water-tanks to overflow. Switch off water supply when they are full.
- Do not wash your car with a hose pipe.

## Department of Environment

Govt. of NCT of Delhi

6<sup>th</sup> Level, C-Wing, Delhi Secretariat, I.P. Estate, New Delhi-110002

[www.environment.delhigovt.nic.in](http://www.environment.delhigovt.nic.in)

## YAMUNA- THE LIFELINE OF DELHI



### About the River Yamuna:

Yamuna is a sacred river and is the most important tributary of Ganga. It originates from Yamunotri glacier. Important pilgrimage centers like Yamunotri, Paonta Sahib, Mathura, Vrindavan, Bateshwar & Allahabad (now Prayagraj) are located on the banks of the river. In Indian mythology Yamuna is referred as the daughter of the Sun and sister of Yama. The baby Lord Krishna is believed to have been born on the bank of this river and is said to have freed Yamuna from "Kalia Nag."

The Yamuna's basin is one of the most fertile and high grain yielding river basins in the country and a boon for agriculture. River Yamuna is a 1,376-Km long perennial river and traverses through various states such as Uttarakhand, Himachal Pradesh, Haryana, Delhi and Uttar Pradesh. Apart from the capital city of Delhi, many large urban hubs and cities like Yamuna Nagar, Panipat, Sonapat, Gautam Budh Nagar, Faridabad, Mathura, Agra and Etawah are situated on the river's banks.

Yamuna is the lifeline of Delhi as its water is being harnessed from both of its banks for domestic, industrial and irrigation purposes. To meet the ever-growing water demand of the city, the river is tapped at three points-Wazirabad, ITO and Okhla barrages.



## Sources of pollution:

These include, flowing of untreated sewage and industrial effluents, dumping of construction malba, unchecked disposal of solid waste (plastic, tins, aluminium foil, etc), religious offerings, use of chemical fertilizers/pesticides in the flood plains for agriculture and daily activities like bathing, washing clothes, bathing of animals, etc.

## DOS & DON'TS:

### Dos

- Sewer connections should be obtained by each and every house-hold in areas where sewer network exists.
- Conserve water. Follow the principle of reduce / reuse/ recycle while water usage.
- Use mug instead of running the tap while brushing teeth or shaving.
- Take shorter showers to reduce water consumption.
- Check your water bill to see how much water you are using.
- Encourage rooftop rain water harvesting and recharging wells/tanks.
- Kitchen waste water should be used for watering plants and other non-potable uses.
- Establish community nursery by using waste water.
- Remain vigilant so that no septic tank waste is discharged into the drains and should report any such incident. Septic tank waste is to be discharged at the designated points identified by DJB.

- Water conservation to be made a part of our daily routine.
- Promote the use of non-toxic liquid disinfectant and cleaners.
- Practice Waste Segregation at household level. Bio-degradable and non-biodegradable waste should be put in separate bins and no waste should be littered or thrown in drains.
- Practising recycle and reuse. Make compost out of vegetable peels and other food wastes which can be recycled for use as manure. If space does not permit, try this in pots/ containers.
- Stop chemical pollution-if you notice someone throwing chemicals into the drains/ river or water bodies, or hear about such an incident, inform your local authorities about the matter.
- Say no to single-use disposable plastics, Carry a reusable bag (cloth bag) when shopping.
- Plant trees in your locality and ensure their survival. Planting of trees and shrubs in garden, balcony, roof top or a terrace garden provide shelter to birds and helps in conserving urban biodiversity
- Make sure your home is free from water leakage. Maintain and repair plumbing fixtures regularly.
- Follow DPCC directions while performing Idol Immersion during Ganesh Utsav and Durga Pooja.
- Idol immersion to be conducted in artificial ponds specially constructed for the purpose all across Delhi.

A list of artificial ponds for Green Idol Immersion on the occasion of Ganesh Chaturthi & Durga Pooja 2019 can be viewed on the website of the Environment Department,  
[www.environment.delhigovt.nic.in](http://www.environment.delhigovt.nic.in)