



Speed -Post

File No. B-190001/NGRBA/CPCB/2012-2013

12433-12469

Date: 09/10/2015

To,

The Commissioner/ Executive Officer/ Mayor/ Chairman,
Municipal Corporation
(As per the list enclosed)

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986
REGARDING TREATMENT AND UTILIZATION OF SEWAGE FOR RESTORATION OF
WATER QUALITY OF RIVER**

Whereas, sewage is a major cause for poor water quality and adversely impacts human health and aquatic life. The discharge of untreated, partially treated and treated sewage not meeting standards is further adding to the problem of water pollution and very sizeable gap exist in generation and treatment of sewage.

Whereas, Central Pollution Control Board assessed sewage generation and treatment capacity for Urban Population of India for the year 2015. The sewage generation is estimated to be 62000 MLD approximately and installed sewage treatment capacity of 816 STPs developed so far is only 23277 MLD.

Whereas, sewage generated from, in **Uttarakhand** is responsible for deterioration of the water quality of river **Ganga**.

Whereas, water quality monitoring results of rivers indicate that water quality has been affected because of disposal of untreated or partially treated sewage into the rivers and as a result, there is high level of Bio-Chemical Oxygen Demand (BOD) making water unfit for human consumption or for other uses.

Whereas, the cities and the towns have not created adequate systems for sewage collection and its treatment and thus untreated waste water either goes into rivers or lakes or remains inundated on land causing ground water contamination.

Whereas, the majority of the municipal authorities have not sought consents under the Water (Prevention and Control of Pollution) Act, 1974 which is a statutory requirement and also have not provided facilities for sewage treatment.

Whereas, over the years, storm water drainage systems have been used as convenient system with increase in urbanization for disposal of sewage and sullage by Municipalities. These drains dispose sewage and mixed effluents into rivers and lakes or dispose it on land.

Whereas, the State Pollution Control Boards/Pollution Control Committees have also been directed under Section 18 (1) b of Water (Prevention and Control of Pollution) Act, 1974 to direct concerned agencies in the State/Union Territory to develop infrastructure for sewage management.

1

HPB

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

Whereas, CPCB has requested the Municipal Corporation to build capacity for treatment, utilization of sewage and restoration of water quality of recipient systems and for identification of drains in the city and the place of disposal of the effluents and action proposed to treat sewage vide letter dated 10/09/2015.

Whereas, CPCB has also communicated guidelines for Rejuvenation/Improving sanitary conditions of open drains carrying sewage – sullage to Municipal Corporations, vide letter dated 28/09/2015.

Whereas, Hon'ble Supreme Court had cited in the matter of Dr. B.L. Wadhwa vs Union of India and Others (1996) INSC 352 (1 arch 1996) regarding pollution in Delhi as under :

....."It is no doubt correct that rapid industrial development, urbanization and regular flow of persons from rural areas to urban areas have made major contribution towards environmental degradation but at the same time the Authorities – entrusted with the work of pollution control – cannot be permitted to sit back with folded hands on the pretext that they have no financial or other means to control pollution and protect the environment. Apart from Article 21 of the Constitution of India, which guarantees 'Right of Life', Article 48A and 51A(g) of the Constitution are as – 48A, protection and improvement of environment and safeguarding of forests and wildlife – the State shall endeavour to protect and improve the environment and to safeguard the forest and wildlife of the country and 51(g) – to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures";

WHEREAS, the water quality monitoring carried out by CPCB at 1275 locations covering 445 rivers for assessing suitability of water quality for various purposes revealed that 718 locations are not meeting the water quality criteria with respect to BOD and Fecal Coliform bacteria. The water quality assessment has further indicated that there are 302 polluted river stretches on 275 rivers which are along the 35 metropolitan cities and 615 other urban centres. The exceedance of criteria pollutants has been observed in the downstream stretches of rivers passing through the urban centres.

WHEREAS, water quality of river Ganga has been monitored at 57 locations and observed that water quality is deteriorated on account of disposal of sewage through various drains. The sewage carrying drains after joining the river Ganga have affected the water quality and the sanctity of the river. This also holds true for the other polluted river stretches. The comprehensive assessment of water quality of river Ganga has also pointed out that the Fecal Coliform bacteria as one of the major contributory factor for pollution.

WHEREAS, based on the performance studies carried out by CPCB on STPs, it has been observed that capacity of the STPs is either under utilized and the operating plants also not meeting with the standards. The poor operation and maintenance of the STPs has also been observed.

WHEREAS, the Central Government has notified the general discharge standards of environmental pollutants from various sources including municipal wastewater under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment

(Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any Industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986 and other standards and norms; and

AND NOW, THEREFORE, in view of the above stated facts and realizing that rivers and water bodies are getting polluted and to prevent further deterioration of surface, sub-surface and coastal waters, it is essential to issue following directions in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986. to the Municipal Authority of.....;

- 1) Untreated sewage shall not be disposed into the river or at any other recipient system.
- 2) Local/urban body to set up STPs of adequate capacity and provide sewerage system to cover the entire local/urban areas and to ensure complete treatment of sewage generated.
- 3) In case of disposal of effluents on land or river or any water body including coastal water/creek or a drain, the treated effluents shall meet the standards given in Annexure - I.
- 4) Existing sewage treatment plants, if any, as applicable shall be properly maintained to comply with the standards given in Annexure - I. At the inlet and outlet of the sewage treatment plant, online monitoring devices should be installed to monitor the consented parameters.
- 5) The local bodies shall seek consent under Water (Prevention and Control of Pollution) Act, 1974 from the SPCB/Committee within a period of 60 Days.
- 6) The Municipal Authority shall properly manage the wastewater flowing in drains and take required actions to ensure that such wastewater is treated and disposed off in accordance with standards given in Annexure - I.
- 7) Municipal authority and the concerned authority shall submit a time bound action plan to the effect for proper collection, treatment and disposal of sewage and such plan shall be submitted by the municipal authority to the State Pollution Control Board and copy to CPCB within a period of 90 Days. The Action Plan shall be brought in public domain.

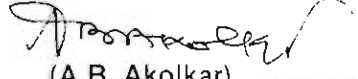
You are requested to acknowledge the receipt of this direction within 15 days and shall communicate the status on the action plan and its implementation.


(Arun Kumar Mehta)
Chairman

Copy to :

- i. **The Chief Secretary**
Government of Uttarakhand,
4, Subhash Road
Secretariat, Dehradun
Uttarakhand-248001

- ii. PPS to Secretary,
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- iii. PPS to Secretary
Ministry of Water resource,
River Development & Ganga Rejuvenation
626, Shram Shakti Bhawan, Rafi Marg,
New Delhi 110001
- iv. PPS to Secretary
Ministry of Urban Development
Mulana Azad Road, Rajpath Area
Central Sectariat, New Delhi- 110001
- v. Mission Director,
National Mission for Clean Ganga,
(Ministry of Water Resources, River Development & Ganga Rejuvenation),
Rear Wing, 3rd Floor, MDDS Building
9, CGO Complex, Lodi Road, New Delhi-110003
- vi. Advisor (CP Divison),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- vii. Advisor (NRCD),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003.
- viii. Incharge ZO (North),
Central Pollution Control Board,
Ground Floor, PICUP Bhawan, Vibhuti Khand,
Gomti Nagar, Lucknow, U.P.-226010
- ix. Incharge, ZO (East),
Central Pollution Control Board,
502, Southend Conclave,
1582, Rajdanga Main Road, Kolkata – 700107
- x. Incharge IT Division, CPCB, Delhi


(A.B. Akolkar)
Member Secretary 9.10.15

Uttarakhand	
1.	Mayor/ Chairman, Haridwar Nagar Palika Parishad, Haridwar Dist, Uttarakhand, India-247663
2.	Mayor/ Chairman, Rishikesh Nagar Palika Parishad,Dehradun Dist, Uttarakhand, India-249201
3.	Mayor/ Chairman, Gopeshwar Nagar Palika Parishad,Chamoli Dist, Uttarakhand, India-246401
4.	Mayor/ Chairman, Gopeshwar Nagar Palika Parishad,Chamoli Dist, Uttarakhand, India-249192
5.	Mayor/ Chairman, Srinagar Nagar Palika Parishad, Tehri Garhwal Dist, Uttarakhand-246174.
6.	Mayor/ Chairman, Joshimath Nagar Palika Parishad, Chamoli Dist, Uttarakhand, India-246472.
7.	Mayor/ Chairman, Uttarkashi Nagar Palika Parishad, Uttarkashi Dist, Uttarakhand, India-249171.
8.	Mayor/ Chairman, Muni ki Reti Nagar Pallka, Tehri Garhwal Dist, Uttarakhand, India- 249 201
9.	Mayor/ Chairman, Gaucher Nagar Palika, Chamoli Dist, Uttarakhand, India-246429.
10.	Mayor/ Chairman, Karnaprayag Nagar Palika, Chamoli Dist, Uttarakhand, India-246444
11.	Mayor/ Chairman, Rudraprayag Nagar Palika Parishad, Rudraprayag Dist, Uttarakhand, India-246475
12.	Mayor/ Chairman, Kirtinagar Nagar Palika, Chamoli Dist, Uttarakhand, India-249161
13.	Mayor/ Chairman, Nandprayag Nagar Palika, Chamoli Dist, Uttarakhand, India-246449
14.	Mayor/ Chairman, Badrinath Nagar Palika, Chamoli Dist, Uttarakhand, India-246422
15.	Mayor/ Chairman, Devprayag Nagar Palika, Tehri Garhwal Dist, Uttarakhand, India-249301



Speed -Post

File No. B-190001/NGRBA/CPCB/2012-2013

12305-12373

Date: 09/10/2015

To,

The Commissioner/ Executive Officer/ Mayor/ Chairman,
Municipal Corporation
(As per the list enclosed)

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REGARDING TREATMENT AND UTILIZATION OF SEWAGE FOR RESTORATION OF
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Whereas, the State Pollution Control Boards/Pollution Control Committees have also been directed under Section 18 (1) b of Water (Prevention and Control of Pollution) Act, 1974 to direct concerned agencies in the State/Union Territory to develop infrastructure for sewage management.

H.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

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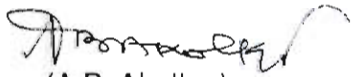
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(Arun Kumar Mehta)
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626, Shram Shakti Bhawan, Rafi Marg,
New Delhi 110001
- iv. PPS to Secretary
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Mulana Azad Road, Rajpath Area
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- v. Mission Director,
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502, Southend Conclave,
1582, Rajdanga Main Road, Kolkata – 700107
- x. ✓ Incharge IT Division, CPCB, Delhi


(A.B. Akolkar)
Member Secretary 9.10.15

**List of 31 Municipal Corporation/Nagar Parishad /Nagar Palika Parishad/Municipality of
Uttar Pradesh.**

Sl. No.	Identified Towns
1	Mayor/ Chairman, Allahabad Municipality Corporation, Allahabad Dist., Uttar Pradesh, India-211001
2	Mayor/ Chairman, Farrukkabad Nagar Palika Parishad, Farrukkabad Dist., Uttar Pradesh, India-209601
3	Mayor/ Chairman, Ghazipur Nagar Palika Parishad, Ghazipur Dist., Uttar Pradesh, India-233001
4	Mayor/ Chairman, Kanpur Municipality Corporation, Kanpur Nagar Dist., Uttar Pradesh, India-208002
5	Mayor/ Chairman, Mirzapur Nagar Palika Parishad, Mirzapur Dist., Uttar Pradesh, India-231001
6	Mayor/ Chairman, Varanasi Municipality Corporation, Varanasi Dist., Uttar Pradesh, India-221002
7	Mayor/ Chairman, Mughal Sarai Nagar Palika Parishad, Chandauli Dist., Uttar Pradesh, India-232101
8	Mayor/ Chairman, Moradabad Municipality Corporation, Moradabad Dist., Uttar Pradesh, India-244001
9	Mayor/ Chairman, Ballia Nagar Palika Parishad, Ballia Dist., Uttar Pradesh, India-277001
10	Mayor/ Chairman, Unnao Nagar Palika Parishad, Unnao Dist., Uttar Pradesh, India-209863
11	Mayor/ Chairman, Fatehpur Nagar Palika Parishad, Fatehpur Dist., Uttar Pradesh, India-212601

12	Mayor/ Chairman, Bijnor Nagar Palika Parishad, Bijnor Dist., Uttar Pradesh, India-246701
13	Mayor/ Chairman, Kannauj Nagar Palika Parishad, Kannauj Dist., Uttar Pradesh, India-209731
14	Mayor/ Chairman, Gangaghat Nagar Palika Parishad, Unnao Dist., Uttar Pradesh, India- 209861
15	Mayor/ Chairman, Najibabad Nagar Palika Parishad, Bijnor Dist., Uttar Pradesh, India- 246701
16	Mayor/ Chairman, Gajraula Nagar Palika, Jyotiba Phule Nagar Dist., Uttar Pradesh, India- 244235
17	Mayor/ Chairman, Nagina Nagar Palika Parishad, Bijnor Dist., Uttar Pradesh, India- 246725
18	Mayor/ Chairman, Chandpur Nagar Palika Parishad, Bijnor Dist., Uttar Pradesh, India- 246725
19	Mayor/ Chairman, Dhampur Nagar Palika Parishad, Bijnor Dist., Uttar Pradesh, India- 246761
20	Mayor/ Chairman, Jahangirabad Nagar Palika Parishad, Bulandshar Dist., Uttar Pradesh, India- 202394
21	Mayor/ Chairman, Bhadohi Nagar Palika Parishad, Sant Ravidas Nagar Dist., Uttar Pradesh, India- 221401
22	Mayor/ Chairman, Anupshahar Nagar Palika Parishad, Bulandshahr Dist., Uttar Pradesh, India-203390
23	Mayor/ Chairman, Chunar Nagar Palika Parishad, Mirzapur Dist., Uttar Pradesh, India- 231304
24	Mayor/ Chairman, Saidpur Nagar Palika, Ghazipur Dist., Uttar Pradesh,

	India-233304
25	Mayor/ Chairman, Garhmukhteshwar Nagar Palika Parishad, Ghaziabad Dist., Uttar Pradesh, India- 245205
26	Mayor/ Chairman, Ramnagar Nagar Palika Parishad, Varanasi Dist., Uttar Pradesh, India- 205304
27	Mayor/ Chairman, Narora Nagar Palika, Bulandshahar Dist., Uttar Pradesh, India- 202389
28	Mayor/ Chairman, Soron Nagar Palika Parishad, Kanshiram Nagar Dist., Uttar Pradesh, India- 207403
29	Mayor/ Chairman, Hastinapur Nagar Palika, Meerut Dist., Uttar Pradesh, India- 250404
30	Mayor/ Chairman, Bithoor Nagar Palika, Kanpur Nagar Dist., Uttar Pradesh, India- 208001
31	Mayor/ Chairman, Babrala Nagar Palika, Budaun Dist., Uttar Pradesh, India- 202421



Speed -Post

File No. B-190001/NGRBA/CPCB/2012-2013

12470-12480

Date: 09/10/2015

To,

The Commissioner/ Executive Officer/ Mayor/ Chairman,
Municipal Corporation
(As per the list enclosed)

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986
REGARDING TREATMENT AND UTILIZATION OF SEWAGE FOR RESTORATION OF
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H.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

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- 2) Local/urban body to set up STPs of adequate capacity and provide sewerage system to cover the entire local/urban areas and to ensure complete treatment of sewage generated.
- 3) In case of disposal of effluents on land or river or any water body including coastal water/creek or a drain, the treated effluents shall meet the standards given in Annexure - I.
- 4) Existing sewage treatment plants, if any, as applicable shall be properly maintained to comply with the standards given in Annexure - I. At the inlet and outlet of the sewage treatment plant, online monitoring devices should be installed to monitor the consented parameters.
- 5) The local bodies shall seek consent under Water (Prevention and Control of Pollution) Act, 1974 from the SPCB/Committee within a period of 60 Days.
- 6) The Municipal Authority shall properly manage the wastewater flowing in drains and take required actions to ensure that such wastewater is treated and disposed off in accordance with standards given in Annexure - I.
- 7) Municipal authority and the concerned authority shall submit a time bound action plan to the effect for proper collection, treatment and disposal of sewage and such plan shall be submitted by the municipal authority to the State Pollution Control Board and copy to CPCB within a period of 90 Days. The Action Plan shall be brought in public domain.

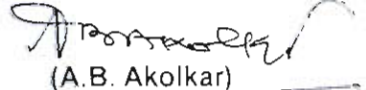
You are requested to acknowledge the receipt of this direction within 15 days and shall communicate the status on the action plan and its implementation.


(Arun Kumar Mehta)
Chairman

Copy to :

- i) **The Chief Secretary**
Government of Jharkhand,
1st Floor, Project Building
Dhurva, Ranchi-834004

- ii. PPS to Secretary,
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
 - iii. PPS to Secretary
Ministry of Water resource,
River Development & Ganga Rejuvenation
626, Shram Shakti Bhawan, Rafi Marg,
New Delhi 110001
 - iv. PPS to Secretary
Ministry of Urban Development
Mulana Azad Road, Rajpath Area
Central Sectariat, New Delhi- 110001
 - v. Mission Director,
National Mission for Clean Ganga,
(Ministry of Water Resources, River Development & Ganga Rejuvenation),
Rear Wing, 3rd Floor, MDDS Building
9, CGO Complex, Lodi Road, New Delhi-110003
 - vi. Advisor (CP Divison),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
 - vii. Advisor (NRCD),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
 - viii. Incharge ZO (North),
Central Pollution Control Board,
Ground Floor, PICUP Bhawan, Vibhuti Khand,
Gomti Nagar, Lucknow, U.P.-226010
 - ix. Incharge, ZO (East),
Central Pollution Control Board,
502, Southend Conclave,
1582, Rajdanga Main Road, Kolkata – 700107
- ✓ x. Incharge IT Division, CPCB, Delhi


(A.B. Akolkar)
Member Secretary 9.10.15

Jharkhand

Sl. No.	Identified Towns
1	Mayor/ Chairman, Sahebganj Sharif Nagar Parishad, Sahebganj (Dist.), Jharkhand, India- 816109
2	Mayor/ Chairman, Rajmahal Nagar Parishad, Sahebganj (Dist.), Jharkhand, India- 816108



Speed -Post

File No. B-190001/NGRBA/CPCB/2012-2013

Date: 09/10/2015

12374-12432

To,

~~The Commissioner/ Executive Officer/ Mayor/ Chairman,
Municipal Corporation
(As per the list enclosed)~~

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986
REGARDING TREATMENT AND UTILIZATION OF SEWAGE FOR RESTORATION OF
WATER QUALITY OF RIVER**

Whereas, sewage is a major cause for poor water quality and adversely impacts human health and aquatic life. The discharge of untreated, partially treated and treated sewage not meeting standards is further adding to the problem of water pollution and very sizeable gap exist in generation and treatment of sewage.

Whereas, Central Pollution Control Board assessed sewage generation and treatment capacity for Urban Population of India for the year 2015. The sewage generation is estimated to be 62000 MLD approximately and installed sewage treatment capacity of 816 STPs developed so far is only 23277 MLD.

Whereas, sewage generated from Bihar is responsible for deterioration of the water quality of river Ganga.

Whereas, water quality monitoring results of rivers indicate that water quality has been affected because of disposal of untreated or partially treated sewage into the rivers and as a result, there is high level of Bio-Chemical Oxygen Demand (BOD) making water unfit for human consumption or for other uses.

Whereas, the cities and the towns have not created adequate systems for sewage collection and its treatment and thus untreated waste water either goes into rivers or lakes or remains inundated on land causing ground water contamination.

Whereas, the majority of the municipal authorities have not sought consents under the Water (Prevention and Control of Pollution) Act, 1974 which is a statutory requirement and also have not provided facilities for sewage treatment.

Whereas, over the years, storm water drainage systems have been used as convenient system with increase in urbanization for disposal of sewage and sullage by Municipalities. These drains dispose sewage and mixed effluents into rivers and lakes or dispose it on land.

Whereas, the State Pollution Control Boards/Pollution Control Committees have also been directed under Section 18 (1) b of Water (Prevention and Control of Pollution) Act, 1974 to direct concerned agencies in the State/Union Territory to develop infrastructure for sewage management.

1

H.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

Whereas, CPCB has requested the Municipal Corporation to build capacity for treatment, utilization of sewage and restoration of water quality of recipient systems and for identification of drains in the city and the place of disposal of the effluents and action proposed to treat sewage vide letter dated 10/09/2015.

Whereas, CPCB has also communicated guidelines for Rejuvenation/Improving sanitary conditions of open drains carrying sewage – sullage to Municipal Corporations, vide letter dated 28/09/2015.

Whereas, Hon'ble Supreme Court had cited in the matter of Dr. B.L. Wadhwa vs Union of India and Others (1996) INSC 352 (1 arch 1996) regarding pollution in Delhi as under :

....."It is no doubt correct that rapid industrial development, urbanization and regular flow of persons from rural areas to urban areas have made major contribution towards environmental degradation but at the same time the Authorities – entrusted with the work of pollution control – cannot be permitted to sit back with folded hands on the pretext that they have no financial or other means to control pollution and protect the environment. Apart from Article 21 of the Constitution of India, which guarantees 'Right of Life', Article 48A and 51A(g) of the Constitution are as – 48A, protection and improvement of environment and safeguarding of forests and wildlife – the State shall endeavour to protect and improve the environment and to safeguard the forest and wildlife of the country and 51(g) – to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures";

WHEREAS, the water quality monitoring carried out by CPCB at 1275 locations covering 445 rivers for assessing suitability of water quality for various purposes revealed that 718 locations are not meeting the water quality criteria with respect to BOD and Fecal Coliform bacteria. The water quality assessment has further indicated that there are 302 polluted river stretches on 275 rivers which are along the 35 metropolitan cities and 615 other urban centres. The exceedance of criteria pollutants has been observed in the downstream stretches of rivers passing through the urban centres.

WHEREAS, water quality of river Ganga has been monitored at 57 locations and observed that water quality is deteriorated on account of disposal of sewage through various drains. The sewage carrying drains after joining the river Ganga have affected the water quality and the sanctity of the river. This also holds true for the other polluted river stretches. The comprehensive assessment of water quality of river Ganga has also pointed out that the Fecal Coliform bacteria as one of the major contributory factor for pollution.

WHEREAS, based on the performance studies carried out by CPCB on STPs, it has been observed that capacity of the STPs is either under utilized and the operating plants also not meeting with the standards. The poor operation and maintenance of the STPs has also been observed.

WHEREAS, the Central Government has notified the general discharge standards of environmental pollutants from various sources including municipal wastewater under the Environment (Protection) Act, 1986 and the rules framed there under; and

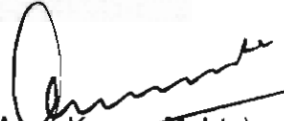
WHEREAS, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment

(Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any Industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986 and other standards and norms; and

AND NOW, THEREFORE, in view of the above stated facts and realizing that rivers and water bodies are getting polluted and to prevent further deterioration of surface, sub-surface and coastal waters, it is essential to issue following directions in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, to the Municipal Authority of.....;

- 1) Untreated sewage shall not be disposed into the river or at any other receipt system.
- 2) Local/urban body to set up STPs of adequate capacity and provide sewerage system to cover the entire local/urban areas and to ensure complete treatment of sewage generated.
- 3) In case of disposal of effluents on land or river or any water body including coastal water/creek or a drain, the treated effluents shall meet the standards given in Annexure - I.
- 4) Existing sewage treatment plants, if any, as applicable shall be properly maintained to comply with the standards given in Annexure - I. At the inlet and outlet of the sewage treatment plant, online monitoring devices should be installed to monitor the consented parameters.
- 5) The local bodies shall seek consent under Water (Prevention and Control of Pollution) Act, 1974 from the SPCB/Committee within a period of 60 Days.
- 6) The Municipal Authority shall properly manage the wastewater flowing in drains and take required actions to ensure that such wastewater is treated and disposed off in accordance with standards given in Annexure - I.
- 7) Municipal authority and the concerned authority shall submit a time bound action plan to the effect for proper collection, treatment and disposal of sewage and such plan shall be submitted by the municipal authority to the State Pollution Control Board and copy to CPCB within a period of 90 Days. The Action Plan shall be brought in public domain.

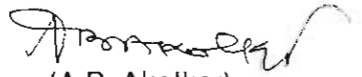
You are requested to acknowledge the receipt of this direction within 15 days and shall communicate the status on the action plan and its implementation.


(Arun Kumar Mehta)
Chairman

Copy to :

- i) **The Chief Secretary**
Government of Bihar,
Old Secretariat, Patna- 800015

- ii. PPS to Secretary,
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- iii. PPS to Secretary
Ministry of Water resource,
River Development & Ganga Rejuvenation
626, Shram Shakti Bhawan, Rafi Marg,
New Delhi 110001
- iv. PPS to Secretary
Ministry of Urban Development
Mulana Azad Road, Rajpath Area
Central Sectariat, New Delhi- 110001
- v. Mission Director,
National Mission for Clean Ganga,
(Ministry of Water Resources, River Development & Ganga Rejuvenation),
Rear Wing, 3rd Floor, MDDS Building
9, CGO Complex, Lodi Road, New Delhi-110003
- vi. Advisor (CP Divison),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- vii. Advisor (NRCD),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- viii. Incharge ZO (North),
Central Pollution Control Board,
Ground Floor, PICUP Bhawan, Vibhuti Khand,
Gomti Nagar, Lucknow, U.P.-226010
- ix. Incharge, ZO (East),
Central Pollution Control Board,
502, Southend Conclave,
1582, Rajdanga Main Road, Kolkata – 700107
- ✓ Incharge IT Division, CPCB, Delhi


(A.B. Akolkar)
Member Secretary 9.10.15

List of 26 Municipal Corporation/Nagar Parishad /Nagar Palika Parishad/Municipality of **Bihar**.

Sl. No.	Identified Towns
1	Mayor/ Chairman, Arrah Municipality Corporation, Bhojpur (D), Bihar, India - 802301
2	Mayor/ Chairman, Bhagalpur Municipality Corporation, Bhagalpur (D), Bihar, India - 812001
3	Mayor/ Chairman, Buxar Nagar Parishad, Buxar (D), Bihar, India - 802101
4	Mayor/ Chairman, Chapra Nagar Parishad, Saran (D), Bihar, India - 841301
5	Mayor/ Chairman, Hajipur Nagar Parishad, Patna (D), Bihar, India-844101
6	Mayor/ Chairman, Munger Municipality Corporation, Munger (D), Bihar, India-811201
7	Mayor/ Chairman, Patana Municipality Corporation, Patna (D), Bihar, India-800001
8	Mayor/ Chairman, Danapur Nagar Parishad, Patna (D), Bihar, India-801111
9	Mayor/ Chairman, Begusarai Municipality Corporation, Begusarai (D), Bihar, India-851101
10	Mayor/ Chairman, Katihar Municipality Corporation, Katihar (D), Bihar, India-854105
11	Mayor/ Chairman, Jamalpur Nagar Parishad, Munger (D), Bihar, India-811214
12	Mayor/ Chairman, Biharsharif Municipality Corporation, Nalanda (D), Bihar, India-803216
13	Mayor/ Chairman, Mokama Nagar Parishad, Patna (D), Bihar, India-803302
14	Mayor/ Chairman, Fatuah Nagar Parishad, Patna (D), Bihar, India- 803201
15	Mayor/ Chairman, Barh Nagar Parishad, Patna (D), Bihar, India-803213
16	Mayor/ Chairman, Barauni Nagar Parishad, Patna (D), Bihar, India-851112
17	Mayor/ Chairman, Sultanganj Nagar Parishad,

	Patna (D), Bihar, India-813213
18	Mayor/ Chairman, Dumraon Nagar Parishad, Buxar (D), Bihar, India- 802119
19	Mayor/ Chairman, Bhabua Nagar Parishad, Kaimur (Bhabua) (D), Bihar, India-821101
20	Mayor/ Chairman, Lakhisarai Nagar Parishad, Lakhisarai (D), Bihar, India- 811201
21	Mayor/ Chairman, Phulwari Sharif Nagar Parishad, Patna (D), Bihar, India- 801506
22	Mayor/ Chairman, Barahiya Nagar Parishad, Lakhisarai (D), Bihar, India- 811302
23	Mayor/ Chairman, Kahelgaon Nagar Parishad, Bhagalpur (D), Bihar, India-813203
24	Mayor/ Chairman, Bakhtiyarpur Nagar Parishad, Patna (D), Bihar, India-803212
25	Mayor/ Chairman, Naugachhia Nagar Parishad, Bhagalpur (D), Bihar, India-853204
26	Mayor/ Chairman, Sonepur Nagar Parishad, Saran (D), Bihar, India-841101



Speed -Post

File No. B-190001/NGRBA/CPCB/2012-2013

Date: 09/10/2015

To,

12481/12574

The Commissioner/ Executive Officer/ Mayor/ Chairman,
Municipal Corporation
(As per the list enclosed)

DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 REGARDING TREATMENT AND UTILIZATION OF SEWAGE FOR RESTORATION OF WATER QUALITY OF RIVER

Whereas, sewage is a major cause for poor water quality and adversely impacts human health and aquatic life. The discharge of untreated, partially treated and treated sewage not meeting standards is further adding to the problem of water pollution and a very sizeable gap exists in generation and treatment of sewage.

Whereas, Central Pollution Control Board assessed sewage generation and treatment capacity for Urban Population of India for the year 2015. The sewage generation is estimated to be 62000 MLD approximately and installed sewage treatment capacity of 816 STPs developed so far is only 23277 MLD.

Whereas, sewage generated from, in **West Bengal** is responsible for deterioration of the water quality of river **Ganga**.

Whereas, water quality monitoring results of rivers indicate that water quality has been affected because of disposal of untreated or partially treated sewage into the rivers and as a result, there is high level of Bio-Chemical Oxygen Demand (BOD) making water unfit for human consumption or for other uses.

Whereas, the cities and the towns have not created adequate systems for sewage collection and its treatment and thus untreated waste water either goes into rivers or lakes or remains inundated on land causing ground water contamination.

Whereas, the majority of the municipal authorities have not sought consents under the Water (Prevention and Control of Pollution) Act, 1974 which is a statutory requirement and also have not provided facilities for sewage treatment.

Whereas, over the years, storm water drainage systems have been used as convenient system with increase in urbanization for disposal of sewage and sullage by Municipalities. These drains dispose sewage and mixed effluents into rivers and lakes or dispose it on land.

Whereas, the State Pollution Control Boards/Pollution Control Committees have also been directed under Section 18 (1) b of Water (Prevention and Control of Pollution) Act, 1974 to direct concerned agencies in the State/Union Territory to develop infrastructure for sewage management.

H.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

Whereas, CPCB has requested the Municipal Corporation to build capacity for treatment, utilization of sewage and restoration of water quality of recipient systems and for identification of drains in the city and the place of disposal of the effluents and action proposed to treat sewage vide letter dated 10/09/2015.

Whereas, CPCB has also communicated guidelines for Rejuvenation/Improving sanitary conditions of open drains carrying sewage – sullage to Municipal Corporations, vide letter dated 28/09/2015.

Whereas, Hon'ble Supreme Court had cited in the matter of Dr. B.L. Wadhwa vs Union of India and Others (1996) INSC 352 (1 arch 1996) regarding pollution in Delhi as under :

....."It is no doubt correct that rapid industrial development, urbanization and regular flow of persons from rural areas to urban areas have made major contribution towards environmental degradation but at the same time the Authorities – entrusted with the work of pollution control – cannot be permitted to sit back with folded hands on the pretext that they have no financial or other means to control pollution and protect the environment. Apart from Article 21 of the Constitution of India, which guarantees 'Right of Life', Article 48A and 51A(g) of the Constitution are as – 48A, protection and improvement of environment and safeguarding of forests and wildlife – the State shall endeavour to protect and improve the environment and to safeguard the forest and wildlife of the country and 51(g) – to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures";

WHEREAS, the water quality monitoring carried out by CPCB at 1275 locations covering 445 rivers for assessing suitability of water quality for various purposes revealed that 718 locations are not meeting the water quality criteria with respect to BOD and Fecal Coliform bacteria. The water quality assessment has further indicated that there are 302 polluted river stretches on 275 rivers which are along the 35 metropolitan cities and 615 other urban centres. The exceedance of criteria pollutants has been observed in the downstream stretches of rivers passing through the urban centres.

WHEREAS, water quality of river Ganga has been monitored at 57 locations and observed that water quality is deteriorated on account of disposal of sewage through various drains. The sewage carrying drains after joining the river Ganga have affected the water quality and the sanctity of the river. This also holds true for the other polluted river stretches. The comprehensive assessment of water quality of river Ganga has also pointed out that the Fecal Coliform bacteria as one of the major contributory factor for pollution.

WHEREAS, based on the performance studies carried out by CPCB on STPs, it has been observed that capacity of the STPs is either under utilized and the operating plants also not meeting with the standards. The poor operation and maintenance of the STPs has also been observed.

WHEREAS, the Central Government has notified the general discharge standards of environmental pollutants from various sources including municipal wastewater under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment

(Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any Industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986 and other standards and norms; and

AND NOW, THEREFORE, in view of the above stated facts and realizing that rivers and water bodies are getting polluted and to prevent further deterioration of surface, sub-surface and coastal waters, it is essential to issue following directions in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, to the Municipal Authority of.....;

- 1) Untreated sewage shall not be disposed into the river or at any other recipient system.
- 2) Local/urban body to set up STPs of adequate capacity and provide sewerage system to cover the entire local/urban areas and to ensure complete treatment of sewage generated.
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- 4) Existing sewage treatment plants, if any, as applicable shall be properly maintained to comply with the standards given in Annexure - I. At the inlet and outlet of the sewage treatment plant, online monitoring devices should be installed to monitor the consented parameters.
- 5) The local bodies shall seek consent under Water (Prevention and Control of Pollution) Act, 1974 from the SPCB/Committee within a period of 60 Days.
- 6) The Municipal Authority shall properly manage the wastewater flowing in drains and take required actions to ensure that such wastewater is treated and disposed off in accordance with standards given in Annexure - I.
- 7) Municipal authority and the concerned authority shall submit a ~~time~~ bound action plan to the effect for proper collection, treatment and disposal of sewage and such plan shall be submitted by the municipal authority to the State Pollution Control Board and copy to CPCB within a period of 90 Days. The Action Plan shall be brought in public domain.

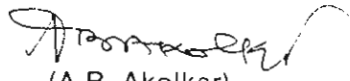
You are requested to acknowledge the receipt of this direction within 15 days and shall communicate the status on the action plan and its implementation.


(Arun Kumar Mehta)
Chairman

Copy to :

- i) **The Chief Secretary**
Government of West Bengal,
Secretariat, Writers Building
Kolkata- 700001

- ii. PPS to Secretary,
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- iii. PPS to Secretary
Ministry of Water resource,
River Development & Ganga Rejuvenation
626, Shram Shakti Bhawan, Rafi Marg
New Delhi 110001
- iv. PPS to Secretary
Ministry of Urban Development
Mulana Azad Road, Rajpath Area
Central Sectariat, New Delhi- 110001
- v. Mission Director,
National Mission for Clean Ganga.
(Ministry of Water Resources, River Development & Ganga Rejuvenation),
Rear Wing, 3rd Floor, MDDS Building
9, CGO Complex, Lodi Road. New Delhi-110003
- vi. Advisor (CP Divison),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- vii. Advisor (NRCD),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
- viii. Incharge ZO (North),
Central Pollution Control Board,
Ground Floor, PICUP Bhawan, Vibhuti Khand,
Gomti Nagar, Lucknow, U.P.-226010
- ix. Incharge, ZO (East),
Central Pollution Control Board,
502, Southend Conclave.
1582, Rajdanga Main Road, Kolkata – 700107
- ✓ Incharge IT Division, CPCB, Delhi


(A.B. Akolkar)
Member Secretary 9.10.15

West Bengal

Identified Towns	
1.	Mayor/ Chairman, Kolkata Municipality Corporation, Kolkata (Dist.), West Bengal, India-700013
2.	Mayor/ Chairman, English Bazaar Municipality, Maldah (Dist.), West Bengal, India-732101
3.	Mayor/ Chairman, Bahrampur Municipality, Murshidabad (Dist.), West Bengal, India-742101.
4.	Mayor/ Chairman, Santipur Municipality, Nadia (Dist.), West Bengal, India-741404.
5.	Mayor/ Chairman, Haldia Municipality, Purba Medinipur (Dist.), West Bengal, India-721657.
6.	Mayor/ Chairman, Raiganj Municipality, Uttar Dinajpur (Dist.), West Bengal, India-7733134.
7.	Mayor/ Chairman, Krishnanagar Municipality, Nadia (Dist.), West Bengal, India-741101.
8.	Mayor/ Chairman, Nabadwip Municipality, Nadia (Dist.), West Bengal, India-741302.
9.	Mayor/ Chairman, Barrackpore Municipality, North 24 Parganas (Dist.), West Bengal, India-700120.
10.	Mayor/ Chairman, Uttarpara Kotrung Municipality, Hugli (Dist.), West Bengal, India-712258.
11.	Mayor/ Chairman, Rishra Municipality, Hugli (Dist.), West Bengal, India-712248.
12.	Mayor/ Chairman, Baidyabati Municipality, Hugli (Dist.), West Bengal, India-712223.
13.	Mayor/ Chairman, Champdani Municipality, Hugli (Dist.), West Bengal, India-712222.
14.	Mayor/ Chairman , Bhadreshwar Municipality, Hugli (Dist.), West Bengal, India-712136.
15.	Mayor/ Chairman , Kamarhati Municipality, North 24 Parganas (Dist.), West Bengal, India-700058.
16.	Mayor/ Chairman, Baranagar Municipality, North 24 Parganas (Dist.), West Bengal, India-700129.
17.	Mayor/ Chairman, Naihati Municipality,

	North 24 Parganas (Dist.), West Bengal, India-743165.
18.	Mayor/ Chairman, Kanchrapara Municipality, North 24 Parganas (Dist.), West Bengal, India-743145.
19.	Mayor/ Chairman, Serampore Municipality, Hugli (Dist.), West Bengal, India-712201.
20.	Mayor/ Chairman, Hugli-Chinsurah Municipality, Hugli (Dist.), West Bengal, India-712101.
21.	Mayor/ Chairman, Maheshtala Municipality, South 24 Parganas (Dist.), West Bengal, India-700141.
22.	Mayor/ Chairman, Panihati Municipality, South 24 Parganas (Dist.), West Bengal, India-700114.
23.	Mayor/ Chairman, Bally Municipality, Haora (Dist.), West Bengal, India-711201.
24.	Mayor/ Chairman, Ulluberia Municipality, Haora (Dist.), West Bengal, India-711315.
25.	Mayor/ Chairman, Khardah Municipality, South 24 Parganas (Dist.), West Bengal, India-700117.
26.	Mayor/ Chairman, Howrah Municipality Corporation, Haora (Dist.), West Bengal, India-711101.
27.	Mayor/ Chairman, Bansberia Municipality, Hugli (Dist.), West Bengal, India-712502.
28.	Mayor/ Chairman, Chandannagar Municipality Corporation, Hugli (Dist.), West Bengal, India-712136.
29.	Mayor/ Chairman, Titagarh Municipality, South 24 Parganas (Dist.), West Bengal, India-700119.
30.	Mayor/ Chairman, Halishahar Municipality, South 24 Parganas (Dist.), West Bengal, India-743134.
31.	Mayor/ Chairman, Kalyani Municipality, Nadia (Dist.), West Bengal, India-741235.
32.	Mayor/ Chairman, Bhatpara Municipality, South 24 Parganas (Dist.), West Bengal, India-743123.
33.	Mayor/ Chairman, Dhulian Municipality, Murshidabad (Dist.), West Bengal, India-742202.
34.	Mayor/ Chairman, Jangipur Municipality, Murshidabad (Dist.), West Bengal, India-742213.

35.	Mayor/ Chairman, Ranaghat Municipality, Nadia (Dist.), West Bengal, India-741201.
36.	Mayor/ Chairman, Jiaganj-Azimganj Municipality, Murshidabad (Dist.), West Bengal, India-742149.
37.	Mayor/ Chairman, Katwa Municipality, Bardhaman (Dist.), West Bengal, India-713130.
38.	Mayor/ Chairman, Chakdah Municipality, Nadia (Dist.), West Bengal, India-741222.
39.	Mayor/ Chairman, Konnagar Municipality, Hugli (Dist.), West Bengal, India-712235.
40.	Mayor/ Chairman, Budge Budge Municipality, South 24 Parganas (Dist.), West Bengal, India-700141.
41.	Mayor/ Chairman, Gayespur Municipality, Nadia (Dist.), West Bengal, India-7412345.
42.	Mayor/ Chairman, Garulia Municipality, North 24 Parganas (Dist.), West Bengal, India-743133.
43.	Mayor/ Chairman, Murshidabad Municipality, Murshidabad (Dist.), West Bengal, India-742101.
44.	Mayor/ Chairman, Diamond Harbour Municipality, South 24 Parganas (Dist.), West Bengal, India-743331.