

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

OA NO. 406 OF 2024

IN THE MATTER OF

Rajesh Kumar Tripathi

.....Applicant

Versus

Nagar Nigam Lucknow and others

..... Respondents

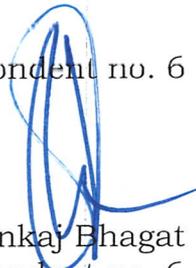
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Respondent no. 6

Through


Pankaj Bhagat
Advocate for the Respondent no. 6
N29a, Jangpura Extension
New Delhi - 110014
jalpalegal@gmail.com
9871441415

Dated 28.03.2025
New Delhi

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

OA NO. 406 OF 2024

IN THE MATTER OF

Rajesh Kumar Tripathi

.....Applicant

Versus

Nagar Nigam Lucknow and others

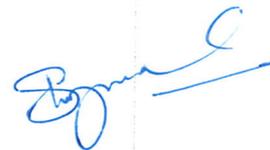
..... Respondents

**COUNTER AFFIDAVIT ON BEHALF OF AVADHSUGAR AND
ENERGY LIMITED, UNIT HARGAON, DIST. SITAPUR
(Formerly known as Oudh Sugar Mills Limited, Unit Hargaon)
(RESPONDENT NO. 6)**

MOST RESPECTFULLY SHOWETH:

PRELIMINARY SUBMISSION AND OBJECTIONS:

1. At the very outset it is stated that the allegations as leveled in the present original application are incorrect, misleading and thus denied and shall be deemed to have been denied except those which are stated hereinafter.
2. It is stated that Oudh Sugar Mills Limited is now known Avadh Sugar & Energy Limited and is now operating in the name and style of M/s Avadh Sugar & Energy Limited, having its sugar Unit at Hargaon, Dist. Sitapur (U.P.) and



its distillery unit at vill. Surjipara, Hargaon, Dist. Sitapur (U.P.) Further the answering respondent unit is complying with all the stipulated conditions in the environmental clearancc and has a valid consent from Uttar Pradesh Pollution Control Board (UPPCB).

3. That the present counter affidavit is being filed by the Respondent company through its Authorised representative Mr. Shishir Agarwal, who has duly been authorised vide Board Resolution dated 02.08.2021. Certified copy of Board Resolution dated 02.08.2021 is annexed hereto and marked as **ANNEXURE A**

4. It is imperative to state that the Oudh Sugar Mills Limited (OSML) belongs to the renowned K.K. Birla Group of Sugar Companies. K.K. Birla Group is a major player in key industries like fertilizers, chemicals, textiles, shipping etc. apart from sugar. From a modest beginning in 1932, OSML has grown to become the pioneer in Sugar Industry. It is one of the largest and rapidly growing company in the Sugar Industry. Through organic and inorganic growth, the Company has cautiously but consistently grown from a single unit sugar manufacturing company to a company having four sugar manufacturing units with an aggregate



crushing capacity of about 41,500 tonnes of sugarcane per day, two distilleries having capacity to produce 325 kilo litre per day (KLPD) of industrial alcohol/ethanol, three Co-generation Power Plants with a total capacity of 115.8MW Power and after meeting captive energy needs, the surplus is being supplied to the State Grid.

5. That, the present complaint which forms OA No. 406 of 2024 pertains to the year 1998 and was lodged on 11.02.1998. Thus, till date a period of over 27 years has lapsed and much water has flown during this period. Thus, the said complaint ought to be dismissed on this ground alone.
6. It is stated that in the year 1998, one Shri Rajesh Kumar Tripathi, wrote a letter to Hon'ble Senior Judge of the Hon'ble Allahabad High Court, Lucknow Bench, Lucknow wherein on the basis of some newspaper reports it was alleged that on 02.02.1998 the river Gomti was polluted due to release of pollutants by three factories, namely, Bajaj Sugar Mill, Lakhimpur; Oudh Sugar Mill, Hargaon, Sitapur (as it was then known as) and SAF Yeast, Sandila, Hardoi.
7. The letter was treated as Letter Petition by the Hon'ble High Court and was registered as W.P. No. 791(M/B)



of 1998 - Renumbered as Writ C No. 791/1998. Subsequently, the aforesaid matter got connected with similar other Writ Petitions & PILs and therefore, in the said batch, the following are the cases:

a. PIL No. 4436 of 2003 - Sewage Treatment Plant Lucknow through Narendra Kumar V. State of U.P.

b. PIL No. 6748 of 2008 - Banwari Lal V. State of U.P. And others

c. Writ C No. 791 of 1998 - Rajesh Kumar Tripathi V. Nagar Nigam Lucknow & others

d. Writ C No. 4929 of 2009 - Bupendra Singh Advocate v. State of U.P. & Another

e. WPIL No. 5468 of 2014 - Adarsh Mehrotra Advocate v. State of U.P. & others

8. Later on, vide order dated 15.07.2022 passed in the leading PIL No. 4436 of 2003 passed by the Hon'ble Allahabad High Court, Lucknow Bench Lucknow, the aforesaid Petitions at S. No. (c), (d) & (e) were disposed of with the following directions:

"....."

2. In our view, four petitions are not required to be kept pending for dealing with the same issues. Hence, we propose to dispose of Writ-C No. 791 of 1998, 4929 of 2009 and WPIL No. 5468 of 2014 with the observation

that in case there is any additional issue in the aforesaid petitions, the same can be raised in the present petition and the counsel or the persons, who are appearing in person, in the aforesaid petitions shall be at liberty to assist the Court in the present petition.

- 3.** *The Registry is directed to place on the file of the present petition all the interim orders passed in the aforesaid petitions, which are ordered to be disposed of, **by bunching them separately**, so as to enable the Court to take a view with reference to the issues touched in aforesaid petitions."*

Thus, the present Original Application arising out of Writ Petition stands disposed off and thus ought to have been closed.

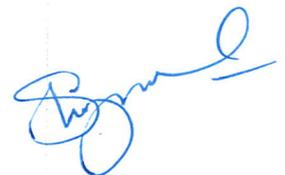
Copy of order dated 15.07.2022 passed in the leading PIL No. 4436 of 2003 passed by the Hon'ble Allahabad High Court, Lucknow Bench Lucknow is annexed hereto and marked as **ANNEXURE-B**.

9. Coming to the merits of the case, it is stated that from the perusal of the said complaint, it is further evident that as per the statement made by the officials and member secretary of the Pollution Control Board, the allegation of pollutant is incorrect.
10. That, the alleged Newspaper clipping filed along with the complaint though is not an admissible evidence, the same can further not be taken as evidence as the newspaper



clipping neither contains the name of the newspaper nor any date.

11. That, in compliance to the order passed by the Hon'ble High Court, UPPCB collected samples of water for analysis from 4 important places and filed a counter affidavit along with the analysis report in Writ Petition No. 791 of 1998 wherein at para 6 it clearly states that the water of the river except at points Ga (i.e., water sample collection point at upstream Gomti Barrage in District Lucknow) and Gha (i.e., water sample collection point at downstream La Martinere College in District Lucknow) is fit for aquatic life. A copy of Counter affidavit filed by UPPCB in in Writ Petition No. 791 of 1998 is annexed hereto and marked as **ANNEXURE-C**
12. It further records that there is nothing in the report that might indicate what may render the water non-potable even after being subjected to conventional treatment followed by disinfection.
13. The said counter affidavit records that in river Gomti within the region of Lucknow Nagar Nigam there are 26 drains through which sewage flows. For the treatment of the sewage Lucknow Nagar Nigam has installed 2 sewage treatment plants respectively at Daulatganj and



Bharwara. The capacity of Sewage Treatment Plant at Daulatganj is 56 MLD whereas at Bharwara it is 345 MLD.

14. At para 10 of the said counter, it has been stated that Lucknow Nagar Nigam has installed two sewage treatment plants having a capacity of 56 MLD and 345 MLD situated at Daulat Ganj and Bharwara respectively. It has been mentioned that the minimum capacity for treating sewage in 2003 and 2004 was assessed as 400 MLD. However, now the present requirement is 600 MLD because of which occasionally some sewage might overflow in the river.
15. At para 14 and 15 of the said counter affidavit. It has been stated that the river Gomti enters the district Sitapur (where sugar mill of answering respondent is situated) from the district Lakhimpur kheri and from the district Sitapur it enters the district Hardoi. The samples of water taken at various places in the said district were sent for analysis and the analysis report confirms to the norms.
16. Thus, even as per the counter affidavit filed by the Uttar Pradesh Pollution Control Board the analysis of water of river Gomti at the district Lakhimpur Kheri and Sitapur till



Hardoi confirms to the norms and cannot be stated to be polluted.

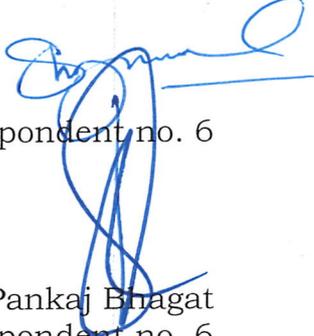
17. It is further imperative to state that the respondent sugar mill has a complete setup of Effluent treatment plant (ETP) having capacity of 2600 cu. mtr. per day in the sugar unit which is being monitored online and not even a single drop of water is permitted to move outside the factory premises without being treated. Further, the distillery unit of the answering respondent is having separate ETP (called as CPU - Condensate Polishing Unit) having capacity of 1780 cu. mtr. per day with zero liquid discharge (ZLD). Further, the respondent Sugar factory uses the entire raw material for manufacturing products such as sugar, and electricity even the final residue is being supplied for producing organic fertilizer. Moreover, the residue namely slop/spent wash, left in producing the industrial alcohol, rectified spirit, ethanol is being used for producing electricity in terms of the directions given by the Central Pollution Control Board. Further, it is also relevant to state here that from time to time regular inspections are being carried out by both CPCB and UPPCB. Test Reports of ETP & CPU thereby proving establishment and functioning of



ETP and CPU are annexed hereto and marked as
ANNEXURE D (COLLY.)

Copy of directions dated 10.01.2011 issued by Central
Pollution Control Board for production of electricity from
slop/spent wash is annexed hereto and marked as
ANNEXURE E

18. Thus in the light of the aforesaid the present complaint
under reply deserves to be dismissed on various grounds
as stated above. For this, the respondent shall ever pray.



Respondent no. 6

Through

Pankaj Bhagat
Advocate for the Respondent no. 6
N29a, Jangpura Extension
New Delhi - 110014
jalpalegal@gmail.com
9871441415

Dated 28.03.2025
New Delhi

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL**OA NO. 406 OF 2024****IN THE MATTER OF****Rajesh Kumar Tripathi****.....Applicant****Versus****Nagar Nigam Lucknow and others****..... Respondents****AFFIDAVIT**

of Shishir Agarwal, aged about 42 years, son of Shri N.M Agarwal, resident of C 56, Sector -09, Rohini, Delhi -110085, do hereby solemnly affirm and state as under:

1. That the deponent is the Autorised representative of the Respondent no. 06 and is well conversant with the facts of the present case, as such is competent to depose the present affidavit..
2. That the accompanying counter affidavit has been drafted by my counsel under my instruction, the contents of which has been read over by me and found to be correct.
3. That the present affidavit may be considered as part and parcel of the accompanying counter affidavit, the contents of which has not been repeated for the sake of brevity.



A handwritten signature in blue ink, appearing to be "S. Agarwal", located at the bottom right of the page.

4. That the documents annexed to the present affidavit are true copies of their respective original or are true Printouts.

[Handwritten signature]

[Handwritten signature]

DEPONENT

VERIFICATION :

02 APR 2025

I identified the deponent who has signed in my presence.

Verified at New Delhi on this 28 March 2025 and state that the contents of above affidavit are true and Correct and nothing material has been concealed.

[Handwritten signature]

DEPONENT



02 APR 2025

CERTIFIED THAT THE DEPONENT
Shri/Smt./Km.....
S/o, W/o R/o.....

Identified by Shri/Smt.....
Has solemnly affirmed before me at
Delhi on.....
That the contents of the affidavit which
have been read & explained to him/her
are true & correct to his/her knowledge

NOTARY

**Certified true copy of the resolution passed by the Board of Directors of
Avadh Sugar & Energy Limited at its meeting held on 2nd August, 2021**

**Execution of a fresh power of attorney in relation to legal and administrative purpose of
the company in favour of Messrs Chand Bihari Patodia, Devendra Kumar Sharma, Sukhvir
Singh, Raj Kumar Agarwal And Shishir Agarwal**

“RESOLVED that the Power of Attorney 4th May, 2017 executed in favour of Messrs Chand Bihari Patodia, Raj Kumar Agarwal and Mahesh Agarwal in relation to the legal and administrative work of the Company, be recalled and cancelled and in lieu thereof a fresh Power of Attorney containing identical powers as mentioned in the draft placed before the Board be issued in favour of Messrs Chand Bihari Patodia, Devendra Kumar Sharma, Sukhvir Singh, Raj Kumar Agarwal and Shishir Agarwal.

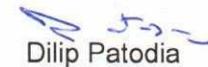
RESOLVED FURTHER THAT the Common Seal of the Company be affixed on the aforesaid engrossed Power of Attorney in accordance with the Articles of Association of the Company.

RESOLVED FURTHER THAT any Director/Key Managerial Personnel for the time being of the Company be and he is hereby authorized and empowered to do or caused to be done in the name and at the cost of the Company all such acts, deeds and things as may be needed to give true effect and force to the aforesaid resolutions.

RESOLVED FURTHER THAT a copy of the foregoing Resolution certified to be true by any Director/ Key Managerial Personnel of the Company be furnished to all those who may need the same for the purpose of their reference, record and acting in accordance with the terms thereof.”

Certified to be True Copy
For Avadh Sugar & Energy Limited




Dilip Patodia
Chief Financial Officer



K.K. BIRLA GROUP OF SUGAR COMPANIES

Corporate Office: 5th Floor, Birla Building, 9/1 R. N. Mukherjee Road, Kolkata 700 001

Phone: +91 33 2243 0497 / 8, 2248 7068, 7185 3000, 4082 3700 • Email: birlasugar@birla-sugar.com

Regd. Office: P.O. Hargaon, Dist. Sitapur, U.P., PIN 261 121 • Website : www.birla-sugar.com • CIN: L15122UP2015PLC069635

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar P.I.L.

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- Letter, B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Devendra Kumar Upadhyaya, J.

Hon'ble Subhash Vidyarthi, J.

Order on C.M. Application No.27 of 2022:

Put up with records.

Order Date :- 13.4.2022

Ram.

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003
[With Writ-C No.791 of 1998
Writ-C No.4929 of 2009
WPIL No.5468 of 2014]

Sewage Treatment Plant Lucknow throughPetitioner
Narendra Kumar

Through :- Mr. B.K.Singh, Advocate

v/s

State of U.P. and othersRespondents

Through :- Mr. Mahendra Kumar Mishra, Standing Counsel for
the State respondents, Mr. Ashok Kumar Verma,
Advocate for Pollution Control Board and Ms.
Priyanka Singh, Advocate for Mr. Namit Sharma,
Advocate for Municipal Corporation

CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE JASPREET SINGH, JUDGE

ORDER

1. The issues raised in the present bunch of petitions, filed in public interest and otherwise, are pertaining to pollution in river Gomti at different places by different sources including the discharge of effluents by the sugar mills and other entities, the drains through which untreated effluents and sewerage water are being discharged and dumping of solid wastes by the Municipal Corporation at the riverside.

2. In our view, four petitions are not required to be kept pending for dealing with the same issues. Hence, we propose to dispose of Writ-C No.791 of 1998, 4929 of 2009 and WPIL No.5468 of 2014 with the observation that in case there is any additional issue in the aforesaid petitions, the same can be raised in the present petition and the counsel or the persons, who are appearing in person, in the aforesaid petitions shall be at liberty to assist the Court in the present petition.

3. The Registry is directed to place on the file of the present petition all the interim orders passed in the aforesaid petitions, which are ordered to be disposed of, by bunching them separately, so as to enable the Court to take a view with reference to the issues touched in aforesaid petitions.
4. On request of learned counsel for the Municipal Corporation, adjourned to July 21, 2022.
5. In case, there is any compliance to be made pursuant to the interim orders passed in the aforesaid petitions, the respondents shall be duty bound to comply with the same in case they have not yet been complied with.
6. Mr. Rishabh Kapoor, Advocate who appears for Jal Nigam, be informed by the Registry regarding the next date of hearing in the present petition to put in his appearance and assist the Court.

(Jaspreet Singh, J.)

(Rajesh Bindal, C.J.)

Lucknow
15.07.2022
Kuldeep/Rakesh

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Sewage Treatment Plant Lucknow throughPetitioner
Narendra Kumar

Through :- Mr. B.K. Singh, Advocate

v/s

State of U.P. CivilRespondent

Through :- Mr. Sanjay Sarin, Additional Chief Standing
Counsel for the State, Mr. Ashok Kumar Verma,
Advocate for U.P. Pollution Control Board and Mr.
Rishabh Kapoor, Advocate for U.P. Jal Nigam

**CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE AJAI KUMAR SRIVASTAVA-I, JUDGE**

ORDER

1. At the time of hearing, learned counsel for the petitioner has referred to the supplementary counter affidavit dated February 21, 2021 filed by Dr. Ram Karan, Regional Officer, U.P. Pollution Control Board, Lucknow (in short, 'Board'). Along with that, the communications dated September 23, 2019 from the Principal Secretary, Environment to the Principal Secretary (Appointments Department) have been annexed, whereby sanction has been sought for prosecution of Dr. Indramani Tripathi, Commissioner, Nagar Nigam, Lucknow, S.P. Singh, Chief Engineer, Nagar Nigam, Lucknow, Pankaj Bhushan, Environment Engineer, Nagar Nigam, Lucknow, S.K. Gupta, General Manager, Gomti Pollution Control Unit, U.P. Jal Nigam, Lucknow and Saurabh Srivastava, Project Manager, Sewage Treatment Plant, Daulatganj. However, till, date, there is no response from the State as to whether sanction for prosecution has been granted and, if not, why.

2. Learned counsel for the State submitted that copy of the aforesaid supplementary counter affidavit was not supplied to him and hence he is unable to respond to the contents thereof.
3. Learned counsel for the Board submitted that he will supply copies of all the affidavits filed by the Board to the learned counsel for the State.
4. Learned counsel for the petitioner has further referred to a letter dated December 2, 2020 from the Board to the Commissioner, Nagar Nigam, Lucknow. In the aforesaid letter, reference has been made to certain orders passed by the National Green Tribunal. Further details have been furnished with reference to 12 drains from which, due to overflow, sewage was found to be discharged into river Gomti. Details of 7 more drains have also been given from which the untreated sewage is being discharged into river Gomti.
5. The Registry is directed to page mark the entire paper book containing various affidavits and the documents filed by the parties. Proper index thereof be prepared. Copy of the Index may be supplied by the Registry to the learned counsel appearing for the parties. Learned counsel for the parties are also requested to page mark their paper books in terms of the paper book of the Court.
6. Adjourned to August 23, 2022.

(Ajai Kumar Srivastava-I, J.)

(Rajesh Bindal, C.J.)

Lucknow
21.07.2022
AHA/Manish Himwan

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Sewage Treatment Plant Lucknow through
Narendra KumarPetitioner
Through :- Mr. B.K.Singh, Advocate

v/s

State of U.P. and othersRespondents
Through :- Mr. Rishabh Kapoor, Advocate for U.P. Jal Nigam,
Mr. Namit Sharma, Advocate for Nagar Nigam,
Lucknow

**CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE SUBHASH VIDYARTHI, JUDGE**

ORDER

1. Learned counsel for the petitioner pointed out that certain affidavits were filed on-line. The same are not part of the hard copy of the record and have not been page marked.
2. Registry is directed to take a print out of all the affidavits filed on-line and place them on paper book at appropriate places and the paper book be repaginated.
3. Adjourned to September 21, 2022.

(Subhash Vidyarthi)
Judge

(Rajesh Bindal)
Chief Justice

Lucknow
09.09.2022
P. Sri./Manish Himwan

Chief Justice's Court Serial No. 302 (E-File)
--

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Sewage Treatment Plant Lucknow throughPetitioner
Narendra Kumar

Through :- Mr. B.K.Singh, Advocate

v/s

State of U.P. and othersRespondents

Through :- Mr. Amitabh Rai, Additional Chief Standing
Counsel for State respondents,
Mr. Ashok Kumar Verma, Advocate for U.P.
Pollution Control Board, and,
Mr. Rishabh Kapoor, Advocate for U.P. Jal Nigam

**CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE RAJNISH KUMAR, JUDGE**

ORDER

1. Vide order dated July 21, 2022 passed by this Court, response was sought from the State regarding sanction of prosecution against the guilty officers, who have been found indulging in violation of various environmental laws.
2. Today, when the case was taken up, learned counsel for the State sought time to produce certain letters rejecting the request for sanction of prosecution, to ensure adjournment of the case and wastage of Court's time.
3. Any document sought to be placed on record has to be filed by way of affidavit and not by putting the papers across the table.
4. Learned counsel for the State seeks adjournment to place the relevant documents on the record.

5. Learned counsel for Nagar Nigam, who is to respond regarding discharge of untreated sewage water into river Gomti, is not even present in the Court. It shows recklessness and negligence of the local authorities regarding pollution of river Gomti.

6. Under the circumstances, we have no choice but to direct the Municipal Commissioner, Nagar Nigam, Lucknow to appear in person in the Court on the next date of hearing with complete record.

7. Adjourned to October 19, 2022.

(Rajnish Kumar)
Judge

(Rajesh Bindal)
Chief Justice

Lucknow
21.09.2022
P. Sri./Manish Himwan

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003
With PUBLIC INTEREST LITIGATION (PIL) No.- 6748 of 2008

Sewage Treatment Plant LucknowPetitioner

Through :- Mr. Brijesh Kumar Singh, Advocate

v/s

State of U.PRespondent

Through :- Mr. Amitabh Rai, Additional Chief Standing
Counsel for State
Mr. Ashok Kumar Verma, Advocate for U.P.
Pollution Control Board
Mr. Puneet Chandra, Advocate for Lucknow
Development Authority
Mr. Namit Sharma, Advocate for Nagar Nigam,
Lucknow and
Mr. Rishabh Kapoor, Advocate for U.P. Jal Nigam
(Urban) & U.P. Jal Nigam (Rural)

CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE JASPREET SINGH, JUDGE

ORDER

1. In terms of the order dated September 21, 2022 passed by this Court, Mr. Inderjit Singh, Municipal Commissioner, Nagar Nigam, Lucknow is present in person in the Court.
2. Learned counsel appearing for the U.P. Jal Nigam submitted that the executing agency in the State for construction of Sewage Treatment Plants is U.P. Jal Nigam. All the projects are prepared and sent to the National Mission for Clean Ganga for approval. The projects are being sent, however, approval is still awaited. He seeks short adjournment to file an affidavit furnishing all the details.
3. Learned counsel appearing for the Nagar Nigam, Lucknow

submitted that he could not appear on the earlier date fixed as he was held up in another Court. He submitted that against discharge of 786 MLD estimated in the year 2022, installed capacity of 445 MLD is available, whereas rest of the plants are being constructed, and as informed by U.P. Jal Nigam, these will be completed by March 31, 2023,

4. Adjourned to November 28, 2022.
5. Personal appearance of the officer present is exempted, unless directed otherwise .
6. Copy of the order be placed on record of aforesaid connected petition.

(Jaspreet Singh)
Judge

(Rajesh Bindal)
Chief Justice

Lucknow
19.10.2022
P. Sri./Manish Himwan

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Devendra Kumar Upadhyaya, J. Hon'ble Saurabh Lavania, J.

(I.A. No. 29 of 2022)

Put up with record.

Order Date :- 16.11.2022

dk/

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Devendra Kumar Upadhyaya, J.

Hon'ble Saurabh Srivastava, J.

Put up with record.

Order Date :- 22.11.2022

akhilesh/

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C.,Ashok Kumar Verma, Farid Ahmad,Indu Prakash Singh,Kamlesh Singh,Namit Sharma,Narendra Kumar,Rajiv Srivastava,Rishabh Kapoor,Shailendra Singh Chauhan,Shashi Prakash Singh,Sudhir Pandey,U.P.Singh

Hon'ble Devendra Kumar Upadhyaya,J.

Hon'ble Saurabh Srivastava,J.

(C.M. Application No. 31 of 2022)

Put up with the record.

Order Date :- 29.11.2022

RS

HIGH COURT OF JUDICATURE AT ALLAHABAD
(LUCKNOW)

PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Sewage Treatment Plant LucknowPetitioner

Through :- Mr. B.K. Singh, Advocate

v/s

State of U.P.Respondent

Through :- Mr. V.P. Nag, Standing Counsel for State

Mr. Ashok Kumar Verma, Advocate for U.P.
Pollution Control Board

Mr. Mohit Chandra, Advocate for Mr. Puneet
Chandra, Advocate for Lucknow Development
Authority

Mr. Namit Sharma, Advocate for Municipal
Corporation and Jalkal, Lucknow

Mr. Rishabh Kapoor, Advocate for U.P. Jal Nigam
(Rural)

**CORAM : HON'BLE RAJESH BINDAL, CHIEF JUSTICE
HON'BLE RAJNISH KUMAR, JUDGE**

ORDER

1. Learned counsel appearing for U.P. Jal Nigam submitted that the projects for cleaning of river Gomti are also reviewed by National Mission for Clean Ganga (hereinafter referred to as 'NMCG'). The projects are regularly sent to them, however, these are pending. He prays that NMCG be impleaded as a party to the writ petition.

2. Considering the arguments raised by learned counsel for U.P. Jal Nigam, let National Mission for Clean Ganga, Ministry of Jal Shakti (Department of Water Resources, River Development and Ganga

Rejuvenation), Government of India, 1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi-110002 be impleaded as respondent no. 4.

3. Let notice be issued to respondent no.4 for January 27, 2023.

(Rajnish Kumar)
Judge

(Rajesh Bindal)
Chief Justice

Lucknow
07.12.2022
Manish/Kuldeep

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Rishabh Kapoor, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Ramesh Sinha, J.

Hon'ble Subhash Vidyarthi, J.

Shri B.K. Singh, learned Counsel for the petitioner, Shri Amitabh Rai, learned Additional Chief Standing Counsel for the State, Shri Ashok Verma, learned Counsel for the State Pollution Control Board and Shri Shailendra Singh Chauhan, learned Counsel for the Lucknow Nagar Nigam are present.

Vide order dated 07.12.2022, notice was issued to respondent no.4.

As per office report dated 25.01.2023, though in compliance of the aforesaid order dated 07.12.2022, notice was issued vide dispatch no. 20 dated 03.01.2023, but service report is awaited.

Office is directed to submit the service report by the next date of listing.

Let the matter be listed after three weeks.

.

(Subhash Vidyarthi, J.) (Ramesh Sinha, J.)

Order Date :- 27.1.2023

Ajit/-

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Rishabh Kapoor, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Pritinker Diwaker, Chief Justice

Hon'ble Rajan Roy, J.

List this case after two weeks.

In the meanwhile, those respondents, who have not filed counter affidavit, may file the same and concerned respondents may ensure compliance of the order dated 27.1.2023.

Order Date :- 19.5.2023

nd

(Rajan Roy, J.) (Pritinker Diwaker, C.J.)

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Rishabh Kapoor, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

Hon'ble Manoj Kumar Gupta, Acting Chief Justice

Hon'ble Saurabh Lavania, J.

As prayed by learned counsel for the petitioner, put up this case on 31.01.2024.

(Saurabh Lavania, J.)

(Manoj Kumar Gupta, A.C.J.)

Order Date :- 30.1.2024

Mukesh Pal

1

Neutral Citation No. - 2024:AHC-LKO:8930-DB

Court No. - 7

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 4436 of 2003

Petitioner :- Sewage Treatment Plant Lucknow Thru Narendra Kumar

Respondent :- State Of U.P. Civil

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar Verma, Farid Ahmad, Indu Prakash Singh, Kamlesh Singh, Namit Sharma, Narendra Kumar, Rajiv Srivastava, Rishabh Kapoor, Shailendra Singh Chauhan, Shashi Prakash Singh, Sudhir Pandey, U.P. Singh

connected with

Case :- PUBLIC INTEREST LITIGATION (PIL) No. - 6748 of 2008

Petitioner :- Banwari Lal

Respondent :- State Of U.P. Thru Prin. Secy. Housing And 6 Ors.

Counsel for Petitioner :- B.K. Singh

Counsel for Respondent :- C.S.C., Ashok Kumar, Ashok Kumar Verma, Namit Sharma, Pankaj Patel, Puneet Chandra, Rajesh Singh Chauhan, Sudhir Pandey

Hon'ble Manoj Kumar Gupta, Acting Chief Justice

Hon'ble Saurabh Lavania, J.

1. Heard Sri B.K. Singh, learned counsel for the petitioner, Sri Tushar, learned State Counsel, Sri Shobhit Mohan Shukla and Sri Puneet Chandra, learned counsel for Lucknow Development Authority, Sri Namit Sharma, learned counsel for Nagar Nigam Lucknow, Sri Raj Kumar Singh, learned counsel for Union of India, Sri A.K. Verma, learned counsel for U.P.P.C.B. and Sri Rishabh Kapoor learned counsel for U.P. Jal Nigam.
2. The present batch of petitions raises concern relating to discharge of untreated water and municipal waste in river Gomti. A number of orders have been passed from time to time by this Court.
3. According to learned counsel for the petitioner, the problem still continues and remains unattended.
4. Sections 14 and 29 of National Green Tribunal Act, 2010 stipulates as follows:-

“14 Tribunal to settle disputes. -

(1) The Tribunal shall have the jurisdiction over all civil cases where a substantial question relating to environment (including enforcement of any legal right relating to environment), is involved and such question arises out of the implementation of the enactments specified in Schedule I.

(2) The Tribunal shall hear the disputes arising from the questions referred to in sub-section (1) and settle such disputes and pass order thereon.

(3) No application for adjudication of dispute under this section shall be entertained by the Tribunal unless it is made within a period of six months from the date on which the cause of action for such dispute first arose:

Provided that the Tribunal may, if it is satisfied that the applicant was prevented by sufficient cause from filing the application within the said period, allow it to be filed within a further period not exceeding sixty days.

29 Bar of jurisdiction. -

(1) With effect from the date of establishment of the Tribunal under this Act, no civil court shall have jurisdiction to entertain any appeal in respect of any matter, which the Tribunal is empowered to determine under its appellate jurisdiction.

(2) No civil court shall have jurisdiction to settle dispute or entertain any question relating to any claim for granting any relief or compensation or restitution of property damaged or environment damaged which may be adjudicated upon by the Tribunal, and no injunction in respect of any action taken or to be taken by or before the Tribunal in respect of the settlement of such dispute or any such claim for granting any relief or compensation or restitution of property damaged or environment shall be granted by the civil court."

(emphasis added"

5- In ***Bhopal Gas Peedith Mahila Udyog Sangathan Versus Union of India (2012) 8 SCC 363***, the Supreme Court after considering the Scheme of National Green Tribunal Act, 2010 has emphasized on the need of transferring the pleas for enforcement of any legal right relating to environment concerning the enactments specified in Schedule 1 to National Green Tribunal. The relevant observations is reproduced below:-

"40. Keeping in view the provisions and scheme of the National Green Tribunal Act, 2010, 2010 (for short the 'NGT Act') particularly Sections 14, 29,30 and 38(5), it can safely be concluded that the environmental issues and matters covered under the NGT Act, Schedule I should be instituted and litigated before the National Green Tribunal (for short 'NGT'). Such approach may be necessary to avoid likelihood of conflict of orders between the High Courts and the NGT. Thus, in unambiguous terms, we direct that all the matters instituted after coming into force of the NGT Act and which are covered under the provisions of the NGT Act and/or in Schedule I to the NGT Act shall stand transferred and can be instituted only before the NGT. This will help in rendering expeditious and specialized justice in the field of environment to all concerned.

41. We find it imperative to place on record a caution for consideration of the courts of competent jurisdiction that the cases filed and pending prior to coming into force of the NGT Act, involving questions of environmental laws and/or relating to any of the seven statutes specified in Schedule I of the NGT Act, should also be dealt with by the specialized tribunal, that is the NGT, created under the provisions of the NGT Act. The Courts may be well advised to direct transfer of such cases to the NGT in its discretion, as it will be in the fitness of administration of justice."

(emphasis supplied)

6- Sri Adarsh Mehrotra, who appears in person in one of the connected petitions, submitted that it would be better if this Court continue to monitor the issues as river Gomti is lifeline of the city and there were also illegal constructions raised by the private persons.

7- In our considered opinion since all the issues are covered under the enactments specified in Schedule 1 to the Act, therefore, keeping in mind the mandate of Section 14 and 29 of the Act, we are of the considered opinion that the instant batch of petitions should be transferred to the National Green Tribunal, New Delhi being a judicial body of experts and better equipped to resolve the issues.

8- Accordingly, we direct the Senior Registrar to ensure that all the records are transmitted to the National Green Tribunal within a fortnight after retaining a copy of order sheet of each case and scanned copies of the pleadings, in one set.

4

9- The parties are at liberty to appear before the National Green Tribunal and pursue the matters.

10- Registry to take follow up action.

(Saurabh Lavania,J) (Manoj Kumar Gupta, A.C.J)

Order Date :- 31.01.2024

Jyoti/-



Group:WPIL.....

District:Lucknow.....

In the HON'BLE High Court of Judicature at AllahabadLucknow Bench, Lucknow.ON BEHALF OF THEAPPLICANTInre

Writ Petition no. 791 (M/B) of 1998 (PIL).

Rajesh Kumar Tripathi

.....Petitioner.

Versus

Nagar Nigam, Lucknow

.....Opposite Party.

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Ashok Kumar
Verma

Lucknow: Dated:

9/5/201930/5/2019Digitally signed by
Ashok Kumar Verma
Date: 2019.05.30
05:48:48 +05'30'

(Ashok Kumar Verma)

AOR no. B/A1396

E. Roll no. 96 of 1978

Counsel for the Applicant

Mob:-- 7388899059

In the HON'BLE High Court of Judicature at AllahabadLucknow Bench, Lucknow.

C.M. Application no. of 2019.

On behalf of: UPPCB

.....Applicant

In re

Writ Petition no. 791 (M/B) of 1998 (PIL).

Rajesh Kumar TripathiPetitioner.

Versus

Nagar Nigam, Lucknow.....Opposite Party.

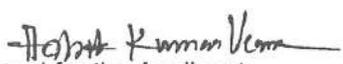
APPLICATION FOR TAKING ON RECORD

The above named applicant most humbly submits herein
as under:

That in the abovenoted case a counter affidavit is being
filed. It is most respectfully and humbly prayed that in the
interest of justice the counter affidavit may kindly be taken on
record.

Lucknow: Dated:

2019.


Counsel for the Applicant.

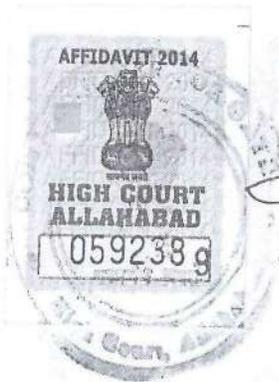
(A.K.Verma)

Ashok
Kumar
Verma

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Ashok Kumar
Verma
Date: 2019.05.30
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In the HON'BLE High Court of Judicature at Allahabad

Lucknow Bench, Lucknow.



Inre

Writ Petition no. 791 (M/B) of 1998 (PIL).

Rajesh Kumar Tripathi

.....Petitioner.

Versus

Nagar Nigam, Lucknow.....Opposite Party.

COUNTER AFFIDAVIT



I, Kuldeep Mishra, aged about 56 years, son of Shri B.D. Mishra, Religion - Hindu, Education - Graduate (Engineering), Trade - Service, Posted as Regional Officer, U.P. Pollution Control Board, 4th Floor, "B" Block, PICUP Bhawan, Vibhuti

Kuldeep

Khand, Gomti Nagar, Lucknow, the deponent do hereby solemnly affirm and state on oath as under:

1. That the deponent is posted as Regional Officer, U.P. Pollution Control Board, 4th Floor, "B" Block, PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow, and has been authorized on behalf of the U.P. Pollution Control Board, U.P., Lucknow to file the affidavit in its behalf.

DATH COMMISSIONER
 in West-
 436 (M/A) 42008

2. That vide order dated 9/9/2014 the Honorable Court has been pleased to direct the UPPCB to get the samples of water analysed at least from 4 important places within the distance from Daulatganj to Bharwara for its testing. It is submitted that the samples were taken on 4 different dates i.e. 13/9/2014, 16/9/2014, 24/9/2014 and 1/10/2014 at 4 points as below:



Handwritten signature

Ka – Upstream Gaughat

Kha – Upstream Kudiaghat

Ga – Upstream Gomti Barrage

Gha – Downstream La Martinere College

3. That the details of analysis report of the lab of the Board of all the above referred samples collected by the Board are being submitted in form of a chart annexed as Annexure – CA 1 to this affidavit.
4. That infact for the river water no standards have been prescribed anywhere but for sustenance of aquatic life minimum dissolved oxygen level has to be 4 mg/L while for bathing purposes it has to be 5 mg/L. As regards the water of the Gomti river it is submitted that the water is not at all potable without being subjected to prior conventional treatment followed by disinfection.



Khanna

5. That for Honorable Court's convenience the analysis report of the samples are being collectively filed as Annexure – CA 2 to this affidavit.

6. That from the perusal of the analysis reports of samples collected from the above referred 4 points it is apparent that except at point Ga and Gha the quality of the river water is fit for Aquatic life. The river water only at point Ka meets the standards for being used for bathing purposes. There is nothing in the reports which might indicate that the water at point Ka is not fit for bathing or aquatic life.

7. That in the above referred analysis reports there is no element which may render the water non-potable even after being subjected to conventional treatment followed by disinfection.



Vyasaye

8. That as regards the removal and collection of the garbage it is submitted that Lucknow Nagar Nigam has located a transfer station for municipal solid waste near Village Malhpur adjoining to Hardoi Kanpur bypass road. After collection of the garbage from different places it is to be stored at the aforesaid transfer station and thereafter it has to be transported to Village Shivri at Mohan Road, Lucknow where the disposal of the garbage is to be done. It is pertinent to mention here that writ petition no. 9141 (M/B) of 2013 has been filed as a public interest litigation by Shri Irshad Hussain and others by which the reliefs have been sought that the respondents may be commanded not to construct the transfer station for municipal solid waste at plot no. 457, Village Malhpur and to transfer and shift the transfer station for municipal



Khano

solid waste at some other place. The aforesaid writ petition is still pending.

9. That in River Gomti within the region of Lucknow Nagar Nigam there are 26 drains through which sewage flows. For the treatment of the sewage Lucknow Nagar Nigam has installed 2 sewage treatment plants respectively at Daulatganj and Bharwara. The capacity of Sewage Treatment Plant at Daulatganj is 56 MLD whereas at Bharwara it is 345 MLD.
10. That according to the census of 2003 – 2004 the minimum capacity for treating the sewage assessed was approximately 400 MLD but now in view of present census at least there should be sewage treatment plants having total capacity of approximately 600 MLD. The 2 STP's already installed are only having the capacity of 401 MLD. As such occasionally the sewage



Handwritten signature

instead of being treated through the STP's installed, overflows in River Gomti causing the water of River Gomti to get polluted.

11. That the above assessment is based on the present population of Lucknow city but it is submitted that the population is expected to rise every year by at least 1 lakh.
12. That River Gomti emerges from District Pilibhit. In District Pilibhit the samples of water of River Gomti have been taken at 2 places and on analysis the reports conform to the norms. A true copy of the report dated 1/9/2014 is being filed as Annexure – CA 3 to this counter affidavit.
13. That after District Pilibhit river Gomti enters in District Lakhimpur Kheri. In District Lakhimpur Kheri the samples of water of River Gomti have been taken at upstream and the analysis reports



Khanna

conform to the norms. A true copy of the report of the sample taken on 13/10/2014 is being filed as Annexure - CA 4 to this counter affidavit.

14. That after District Lakhimpur Kheri river Gomti enters in District Sitapur. In District Sitapur the sample of water of River Gomti has been taken at upstream and the analysis report conform within the norms. A true copy of the report of the sample taken on 13/10/2014 is being filed as Annexure - CA 5 to this counter affidavit.

15. That after District Sitapur river Gomti enters in District Hardoi. In District Hardoi the samples of water of River Gomti have been taken at various places and the analysis reports conform to the norms. A true copy of the report dated 16/10/2014 is being filed as Annexure - CA 6 to this counter affidavit.



Handwritten signature

16. That after District Hardoi river Gomti enters in District Lucknow. The report of District Lucknow has already annexed as Annexure – CA 2 to this counter affidavit.

17. That after District Lucknow river Gomti enters in Districts Amethi and Sultanpur. In Districts Amethi and Sultanpur the samples of water of River Gomti have been taken at various places and the analysis reports conform to the norms. A true copy of the report dated 9/10/2014 is being filed as Annexure – CA 7 to this counter affidavit.

18. That after District Sultanpur river Gomti enters in District Jaunpur. In District Jaunpur the samples of water of River Gomti have been taken at various places and the analysis reports conform to the norms. A true copy of the report dated 16/10/2014 is being



Khanna

filed as Annexure – CA 8 to this counter affidavit.

19. That the standards of the inland surface water as fixed by the Central Pollution Control Board are being filed as Annexure – CA 9 to this counter affidavit.

20. That in view of the aforesaid facts the improvements to be made for keeping the water of River Gomti pollution free the above basic improvements are required to be implemented.

Lucknow: Dated:

[Signature]
Deponent.

19/12/2014

VERIFICATION

I, the above named deponent do hereby verify the contents of paras 1

are true to my personal knowledge, those of paras 2 to 9 are based on records which I believed to be true. The contents of para 20



are believed to be true on the basis of legal advice obtained by the counsel. No part of it is false and nothing material has been concealed. So help me God.

Lucknow: Dated:

Deponent.

19/12/2014

I identify the Deponent who has signed before me and do hereby declare that the person making this affidavit and alleging himself to be the deponent is the same person and is known to me from the perusal of records which he produced before me in the connection with this case.



Ashok
Kumar
Verma

Digitally signed
by Ashok Kumar
Verma
Date: 2019.05.30
05:49:32 +05'30'

Ashok Kumar Verma
(ADVOCATE)

Solemnly affirmed before me on 19-12-14

at 11⁰⁰ a.m/p.m. by the Deponent Shri Kuldeep Mishra who is identified by Shri A.K.Verma (E.Roll No. 96 of 1978), Advocate HON'BLE High Court of Judicature at Allahabad, Lucknow Bench, Lucknow, R/o 538 – Ka/1500, Triveni Nagar – II, Lucknow.

I have satisfied myself by examining the deponent that he understands the contents of this affidavit which has been read over and explained by me.



RAJIT RAM
ADVOCATE
OATH COMMISSIONER
High Court, Allahabad
Lucknow Bench, Lucknow
No.....Dt. 19/12/14

592388

Authenticated Copy


Assistant Registrar
Computerized Copying Centre
High Court, Lucknow Bench
Lucknow

BEFORE the Municipal High Court at Allahabad, under the provisions of the Municipalities Act, 1919.

ANNEXURE - PA-1

3. (क) अपस्ट्रीम गरुघाट (वाटर इनटेक के पूर्व)

बिन्दु का नाम	नगुवा एकड़/एक	पी० एच	डी० ओ० मिग्रा / ली०	बी०ओ० डी०	सी०ओ०डी०	टोटल कोमिशन	कोपर मिग्रा/ली०	लेड मिग्रा/ली०	आयरन मिग्रा/ली०	निकल मिग्रा/ली०	जिंक मिग्रा/ली०	टोटल एमपी०एम०	कोलीफॉर्म
अपस्ट्रीम गरुघाट	13.9.14	7.62	5.5	3.2	15.8	—	—	—	—	—	—	4000	—
	16.09.14	7.41	5.2	3.6	18.8	0.048	0.003	—	0.857	—	0.020	4600	—
	24.9.14	7.36	6.1	3.3	17.2	—	—	—	—	—	—	—	—
	1.10.14	7.43	6.7	3.2	16.4	0.18	0.005	—	0.406	—	0.037	—	—



(ख) अपस्ट्रीम कुड़ियाघाट (स्नान घाट)

बिन्दु का नाम	नगुवा एकड़/एक	पी० एच	डी० ओ० मिग्रा / ली०	बी०ओ० डी०	सी०ओ०डी०	टोटल कोमिशन	कोपर मिग्रा/ली०	लेड मिग्रा/ली०	आयरन मिग्रा/ली०	निकल मिग्रा/ली०	जिंक मिग्रा/ली०	टोटल एमपी०एम०	कोलीफॉर्म
अपस्ट्रीम कुड़ियाघाट	13.9.14	7.40	4.4	4.2	21.2	—	—	—	—	—	—	24000.0	—
	16.09.14	7.34	3.9	4.8	24.2	—	—	—	—	—	—	220000	—
	24.9.14	7.21	4.6	4.2	22.8	—	0.005	—	0.392	—	0.019	—	—
	1.10.14	7.32	5.3	4.0	20.4	0.034	0.005	—	0.303	—	0.055	—	—

(ग) अपस्ट्रीम गोमती बैराज (बैकुण्ड धाम के उपरान्त)

विन्दु का नाम	नमूना एकत्रण	पी० एच	डी० ओ० मि० / ली०	बी०ओ०	सी०ओ०डी०	टोटल कोनियम	कॉपर मि०/ली०	लेड मि०/ली०	आयरन मि०/ली०	निकल मि०/ली०	जिंक मि०/ली०	टोटल एम०पी०एम०	फोलीफॉम
अपस्ट्रीम गोमती बैराज	13.9.14	7.28	2.4	7.0	34.8	—	—	—	—	—	—	94000	
	16.09.14	7.18	2.1	7.5	38.4	—	—	—	—	—	—	110000	
	24.9.14	7.08	2.7	7.0	37.2	0.001	0.005	—	0.369	—	0.015	70000	
	1.10.14	7.11	1.9	7.5	38.6	0.022	0.003	—	0.165	—	0.067	72000.0	



(घ) लामार्टिनियर कालेज (लखनऊ शहर छोड़ने के उपरान्त)

विन्दु का नाम	नमूना एकत्रण	पी० एच	डी० ओ० मि० / ली०	बी०ओ०	सी०ओ०डी०	टोटल कोनियम	कॉपर मि०/ली०	लेड मि०/ली०	आयरन मि०/ली०	निकल मि०/ली०	जिंक मि०/ली०	टोटल एम०पी०एम०	फोलीफॉम
लामार्टिनियर कालेज	13.9.14	7.18	1.8	8.5		—	—	—	—	—	—	130000	
	16.09.14	7.09	1.3	9.0	43.2	—	—	—	—	—	—	130000	
	24.9.14	6.9	1.6	9.0	46.8	—	—	—	—	—	—	130000	
	1.10.14				49.6	—	0.004	—	0.236	—	0.015	130000	

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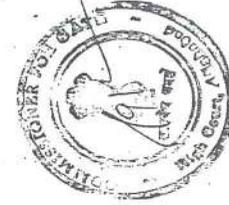
18

4. सीवेज शुद्धीकरण संयंत्र, दौलतगंज, लखनऊ- (समता 56 एम0एल0डी0)।

नमूना एकत्रण तिथि	नमूना एकत्रण	पी0एच0	सस्पेंडेड सालिड मिग्रा/ली0	टोटल सालिड मिग्रा/ली0	बी0ओ0डी मिग्रा/ली0	सी0ओ0डी0 मिग्रा/ली0
1.10.14	इनलेट	7.11	122.0	-	40.0	268.8
	आउटलेट (फाइनल)	7.26	34.0		12.0	107.6

5. सीवेज ट्रीटमेण्ट प्लाण्ट भरवासा लखनऊ- (समता 345 एम0एल0डी0)।

नमूना एकत्रण तिथि	नमूना एकत्रण	पी0एच0	सस्पेंडेड सालिड मिग्रा/ली0	टोटल सालिड मिग्रा/ली0	बी0ओ0डी मिग्रा/ली0	सी0ओ0डी0 मिग्रा/ली0
11.09.14	इनलेट	7.35	126.0	354.0	52.0	266.4
	आउटलेट (फाइनल)	7.61	54.0	282.0	22.0	152.8
15.09.14	इनलेट	7.43	92.0	66.3	66.0	258.0
	आउटलेट (फाइनल)	7.64	66.0	404	42.4	220
16.09.14	इनलेट	7.19	142.0	358.0	60.0	296.0
	आउटलेट (फाइनल)	7.4	118.0	284.0	38.0	256.0
24.09.14	इनलेट	6.93	178.0	-	95.0	368.0
	आउटलेट (फाइनल)	7.15	104.0	-	42.0	288.0



IN THE HON'BLE HIGHCOURT OF JUDICATURE AT
ALLAHABAD LUCKNOW BENCH LUCKNOW

.....Petitioner

vs.

State of UP & others

..... Opposite Parties

HIGH COURT OF JUDICATURE AT ALLAHABAD



Handwritten signature



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ सं.
Ref. No.....

/ ओ० प्रयो० / 14/2014-15

दिनांक
Date

✓ सेवा में,

क्षेत्रीय अधिकारी,
उ०प्र० प्रदूषण नियंत्रण बोर्ड,
लखनऊ।

विषय:-विश्लेषण आख्या प्रेषित किये जाने के संबंध में।

महोदय,

क्षेत्रीय कार्यालय लखनऊ द्वारा दिनांक 13.09.14 को एकत्रित किये गये 04 सतही जल नमूनों की विश्लेषण आख्या पत्र सहित संलग्न कर प्रेषित की जा रही है।

संलग्नक-उपरोक्तानुसार।

भवदीया


(डा० मधु मारहाण) (डी०)
मुख्य पर्यावरण अधिकारी
(के०प्रयो०)

प्रतिलिपि:-मुख्य पर्यावरण अधिकारी वृत्त-05 को सूचनाार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

मुख्य पर्यावरण अधिकारी
(के०प्रयो०)

टी.सी. - 12 वी, विभूति खण्ड, गोमती नगर,
लखनऊ - 226 010
दूरभाष : 0522-2720828, 2720831
फैक्स : 0522-2720764, 2720878
ई-मेल : info@uppcb.com
वेब साइट : www.uppcb.com

T.C.-12 V, Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010
Phone : 2720828, 2720831
Fax : 0522-2720764, 2720676
e-mail : info@uppcb.com
Web Site : www.uppcb.com





CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report. 24/9/14

Di./period of testing 15/9/14 - 19/9/14

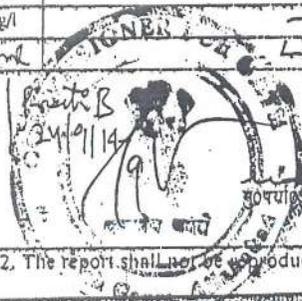
1. नमूने का स्रोत (भूजल/सफ़ा/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) ... River
2. नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated) ... Grab
3. नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by Sh. Amrit Kumar (R.E.E.) Sh. Himanshu Senkar (S.S.)
Sh. Chandra Barash (M.A.)
4. एकत्रित नमूने का गंध/Odour.....
5. एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jerrycan/DO Bottle/MPN Bottle/Any Other) 20 Lit. x 0.6
6. नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 13/9/14
7. विश्लेषण हेतु आदेशनकर्ता/Analysis indented by R.O. Lucknow
8. प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 15/9/14
9. विरले विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्र.सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.P.C.B./C.G./W./172/14</u> <u>V/s Gaughat, Gomti River, Lucknow</u>
1	पी. एच/ pH		<u>7.62</u>
2	मदलतापन/Turbidity	एन.टी.यू. / NTU	-
3	रंग/Colour	हज़न / Hazen	-
4	चालकता/Conductivity	माइक्रो/सेमी. μ S/cm	-
5	सस्पेंडेड सॉलिड/Suspended Solids	मिग/ली. / mg/l	-
6	टोटल डिजॉल्वेड सॉलिड/Total Dissolved Solids	मिग/ली. / mg/l	<u>256.0</u>
7	टोटल सॉलिड/Total Solids	मिग/ली. / mg/l	<u>294.0</u>
8	कुल कठोरता/Total Hardness	मिग/ली. / mg/l	-
9	कैल्शियम कठोरता / Calcium Hardness	मिग/ली. / mg/l	-
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिग/ली. / mg/l	-
11	कैल्शियम/ Calcium as Ca^{2+}	मिग/ली. / mg/l	-
12	मैग्नीशियम/ Magnesium as Mg^{2+}	मिग/ली. / mg/l	-
13	सोडियम/ Sodium / Na	मिग/ली. / mg/l	-
14	पोटेशियम/ Potassium / K	मिग/ली. / mg/l	-
15	क्लोराइड/ Chloride / Cl^-	मिग/ली. / mg/l	-
16	फ्लोराइड/ Fluoride as F	मिग/ली. / mg/l	-
17	सल्फेट/ Sulphate as SO_4^{2-}	मिग/ली. / mg/l	-
18	फॉस्फेट-पी./ Phosphate-P	मिग/ली. / mg/l	-
19	नाइट्रेट-नाइट्रोजन/ Nitrate-Nitrogen	मिग/ली. / mg/l	-
20	नाइट्राइट-नाइट्रोजन/ Nitrite-Nitrogen	मिग/ली. / mg/l	-
21	अमोनिकल नाइट्रोजन/ Ammonical Nitrogen	मिग/ली. / mg/l	-
22	एल्कैलिनिटी/ Alkalinity	मिग/ली. / mg/l	-
23	घुलित ऑक्सीजन/ DO	मिग/ली. / mg/l	<u>5.5</u>
24	बी.ओ.डी. / BOD	मिग/ली. / mg/l	<u>3.2</u>
25	सी.ओ.डी./ COD	मिग/ली. / mg/l	<u>15.6</u>
26	क्रोमियम हेक्सावैलेंट/ Chromium Hexavalent Cr^{6+}	मिग/ली. / mg/l	-
27	टोटल क्रोमियम/ Total Chromium / T.Cr	मिग/ली. / mg/l	-
28	कॉपर / Copper / Cu	मिग/ली. / mg/l	-
29	कैडमियम / Cadmium / Cd	मिग/ली. / mg/l	-
30	लेड / Lead / Pb	मिग/ली. / mg/l	-
31	आयरन / Iron / Fe	मिग/ली. / mg/l	-
32	निकेल / Nickel / Ni	मिग/ली. / mg/l	-
33	ज़िंक / Zinc / Zn	मिग/ली. / mg/l	-
34	T. Coliform	MPN/100 ml	<u>4000.0</u>

Samples of metal sent to IITR.

विश्लेषण कर्ता हस्ताक्षर/Analysed by..... Jyoti 24/9/14

अनुमोदित हस्ताक्षरकर्ता/Authorised Signatory .. Usha Khan 01.10.14



उपस्थिति/टैकनिकल निरीक्षण/CEO/T.M
कोष/को/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A, B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



Kumar



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report. 24/9/14

Di./period of testing. 15/9/14 - 19/9/14

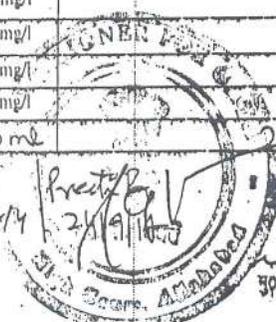
- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) River
- नमूने का प्रकार (गैब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by Sh.: Amit Mishra (A.E.E.), Sh. Minamwar Sonkar (S.A.)
Sh. Chandha Prakash (C.M.A.)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 Lit. + 10 Lit
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 13/9/14
- विश्लेषण हेतु आवेदनकर्ता/Analysis indented by RO Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 15/9/14
- विरल विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम No / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.P.C.B./C.L.W./173/14 U.S. Kudiaghata Gomti River, LKO
1	पी. एच/ pH		7.40
2	मदसापन/Turbidity	एन.टी.यू. /NTU	-
3	रंग/Colour	हज़न / Hazen	-
4	घासकता/Conductivity	माइक्रो/सेमी. µS/cm	-
5	सस्पेंडेड सोलिड/Suspended Solids	मिगा/सी. /mg/l	-
6	टोटल डिजॉल्वेड सोलिड/Total Dissolved Solids	मिगा/सी. /mg/l	278.0
7	टोटल सोलिड/Total Solids	मिगा/सी. /mg/l	274.0
8	कुल कठोरता/Total Hardness	मिगा/सी. /mg/l	-
9	कैल्शियम कठोरता/Calcium Hardness	मिगा/सी. /mg/l	-
10	मैग्नीशियम कठोरता/Magnesium Hardness	मिगा/सी. /mg/l	-
11	कैल्शियम/Calcium as Ca ²⁺	मिगा/सी. /mg/l	-
12	मैग्नीशियम/Magnesium as Mg ²⁺	मिगा/सी. /mg/l	-
13	सोडियम/Sodium /Na	मिगा/सी. /mg/l	-
14	पोटेशियम/Potassium /K	मिगा/सी. /mg/l	-
15	क्लोराइड/Chloride /Cl ⁻	मिगा/सी. /mg/l	-
16	फ्लोराइड/Fluoride as F ⁻	मिगा/सी. /mg/l	-
17	सल्फेट/Sulphate as SO ₄ ²⁻	मिगा/सी. /mg/l	-
18	फॉस्फेट-पी./Phosphate-P	मिगा/सी. /mg/l	-
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिगा/सी. /mg/l	-
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिगा/सी. /mg/l	-
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिगा/सी. /mg/l	-
22	एल्कैलिनिटी/Alkalinity	मिगा/सी. /mg/l	-
23	घुलित आक्सीजन/DO	मिगा/सी. /mg/l	4.4
24	बी.ओ.डी./BOD	मिगा/सी. /mg/l	4.2
25	सी.ओ.डी./COD	मिगा/सी. /mg/l	21.2
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr ⁶⁺	मिगा/सी. /mg/l	-
27	टोटल क्रोमियम/Total Chromium /T.Cr	मिगा/सी. /mg/l	-
28	कॉपर/Copper /Cu	मिगा/सी. /mg/l	-
29	कैडमियम/Cadmium /Cd	मिगा/सी. /mg/l	-
30	लेड/Lead /Pb	मिगा/सी. /mg/l	-
31	आयरन/Iron /Fe	मिगा/सी. /mg/l	-
32	निकेल/Nickel /Ni	मिगा/सी. /mg/l	-
33	ज़िंक/Zinc /Zn	मिगा/सी. /mg/l	-
34	T.Colliform	MPN/100 ml	24000.0

sample of metals sent to IITR

रीक्षण कर्ता हस्ताक्षर/Analysed by... T. J. Khan 24/9/14

विद्वान् हस्ताक्षरकर्ता/Authorised Signatory... Usha Khan 01-10-14



मुद्रा/Seal/Stamp of the Director, U.P. Pollution Control Board, Lucknow
केन्द्र/Office/Central Lab.

Note: 1. The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52. to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2 -100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1 -1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ ⁻ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ ⁻ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report. 24/9/14

Di./period of testing. 15/9/14 - 19/9/14

- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी/अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) River
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by Sh. Amit Mishra (A.E.E.) & Sh. Himanshu Sonkar (S.A.)
Sh. Chandra Prakash (M.A.)
- एकत्रित नमूने का गंध/Odour ✓
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other) 2.0 lit + 1.0 lit
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection 13/9/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by P.O. Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory 15/9/14
- विरलेषण विधि हेतु कृ.प.छ./Test methods followed are appended overleaf.

क्र. सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.P.C.B./CL/W/175/14 D/S. Gomti River near Lamartineer College Lko.
1	पी. एच/ pH		7.18
2	गदसापन/Turbidity	एन.टी.यू. / NTU	---
3	रंग/Colour	इंजन / Hazen	---
4	घासकता/Conductivity	मि.एस.एम. / μ S/cm	---
5	सस्पेंडेड सोलिड/Suspended Solids	मि.ग./ली. / mg/l	---
6	टोटल डिजॉल्वेड सोलिड/Total Dissolved Solids	मि.ग./ली. / mg/l	224.0
7	टोटल सोलिड/Total Solids	मि.ग./ली. / mg/l	282.0
8	कुल कठोरता/Total Hardness	मि.ग./ली. / mg/l	---
9	कैल्शियम कठोरता / Calcium Hardness	मि.ग./ली. / mg/l	---
10	मैग्नीशियम कठोरता / Magnesium Hardness	मि.ग./ली. / mg/l	---
11	कैल्शियम / Calcium as Ca ²⁺	मि.ग./ली. / mg/l	---
12	मैग्नीशियम / Magnesium as Mg ²⁺	मि.ग./ली. / mg/l	---
13	सोडियम / Sodium / Na	मि.ग./ली. / mg/l	---
14	पोटेशियम / Potassium / K	मि.ग./ली. / mg/l	---
15	क्लोराइड / Chloride / Cl ⁻	मि.ग./ली. / mg/l	---
16	फ्लोराइड / Fluoride as F ⁻	मि.ग./ली. / mg/l	---
17	सल्फेट / Sulphate as SO ₄ ²⁻	मि.ग./ली. / mg/l	---
18	फॉस्फेट-पी. / Phosphate-P	मि.ग./ली. / mg/l	---
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मि.ग./ली. / mg/l	---
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मि.ग./ली. / mg/l	---
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मि.ग./ली. / mg/l	---
22	एल्कैलिनिटी / Alkalinity	मि.ग./ली. / mg/l	---
23	घुलित ऑक्सीजन/DO	मि.ग./ली. / mg/l	7.8
24	बी.ओ.डी. / BOD	मि.ग./ली. / mg/l	8.5
25	सी.ओ.डी. / COD	मि.ग./ली. / mg/l	43.2
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr ⁶⁺	मि.ग./ली. / mg/l	---
27	टोटल क्रोमियम / Total Chromium / T.Cr	मि.ग./ली. / mg/l	---
28	कॉपर / Copper / Cu	मि.ग./ली. / mg/l	---
29	कैडमियम / Cadmium / Cd	मि.ग./ली. / mg/l	---
30	लेड / Lead / Pb	मि.ग./ली. / mg/l	---
31	आयरन / Iron / Fe	मि.ग./ली. / mg/l	---
32	निकेल / Nickel / Ni	मि.ग./ली. / mg/l	---
33	ज़िंक / Zinc / Zn	मि.ग./ली. / mg/l	---
34	T. Calcium	mg/l	13000.0

संयोजक / Analyzed by... Dr. S. K. Singh 24/9/14

अधिकृत हस्ताक्षरकर्ता / Authorised Signatory... Ushakishor 01.10.14



मुख्याधीन / दलितकल विभाग / S/O/T.M
कोशवा/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced-except in full, without the permission of the Laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B(3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B(3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ ⁻ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ ⁻ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F(4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l





उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ सं.
Ref. No.....

के० प्रयो०/१५/२०१५-१५

दिनांक

Date

सेवा में,

✓ क्षेत्रीय अधिकारी,
उ०प्र० प्रदूषण नियंत्रण बोर्ड,
लखनऊ।

विषय:- विरलेषण आख्या प्रेषित किये जाने के संबंध में।

महोदय,

आपके कार्यालय द्वारा दिनांक 17.09.14 को एकत्रित किये गये 02 तथा 18.09.14 को एकत्रित किये गये 02 जल नमूनों की विरलेषण आख्या पत्र सहित संलग्न कर प्रेषित की जा रही है।

संलग्नक-उपरोक्तानुसार।

भवदीया

(डा० मधु भारद्वाज) 11/9/14
मुख्य पर्यावरण अधिकारी,
(के०प्रयो०)

प्रतिलिपि:- मुख्य पर्यावरण अधिकारी वृत्त-05 को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

मुख्य पर्यावरण अधिकारी
(के०प्रयो०)

टी.सी. - 12 वी, विभूति खण्ड, गोमती नगर,
लखनऊ - 226 010
दूरभाष : 0522-2720828, 2720831
फैक्स : 0522-2720764, 2720876
ई-मेल : info@uppcb.com

T.C.-12 V, Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010
Phone : 2720828, 2720831
Fax : 0522-2720764, 2720876
e-mail : info@uppcb.com



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HIGH COURT OF JUDICATURE AT ALLAHABAD



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report... 21/10/14

Dt./period of testing... 18/9/14 to 25/9/14

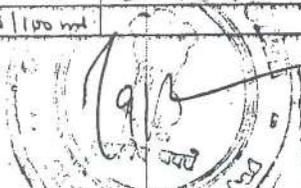
- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) Raw Water Pumping Station
- नमूने का प्रकार (गैब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. H. Senkan (S.A.), Mr. Chandna Babashan
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 Lt. x 4
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 17/9/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by RO, Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 18/9/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्र. सं. / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.P.C.B.L.W.18214, Raw Water Pumping Station, G.M. Chhat
1	पी. एच/ pH		7.39
2	गंदलापन/Turbidity	एन.टी.यू. /NTU	-
3	रंग/Colour	हज़न / Hazen	-
4	घासकता/Conductivity	माइक्रो/सेमी. μ S/cm	-
5	सस्पेंडेड सॉलिड/Suspended Solids	मिग/ली. /mg/l	-
6	टोटल डिजॉल्वेड सॉलिड/Total Dissolved Solids	मिग/ली. /mg/l	232.9
7	टोटल सॉलिड/Total Solids	मिग/ली. /mg/l	278.0
8	कुल कठोरता/Total Hardness	मिग/ली. /mg/l	-
9	कैल्शियम कठोरता /Calcium Hardness	मिग/ली. /mg/l	-
10	मैग्नीशियम कठोरता /Magnesium Hardness	मिग/ली. /mg/l	-
11	कैल्शियम/Calcium as Ca^{2+}	मिग/ली. /mg/l	-
12	मैग्नीशियम/Magnesium as Mg^{2+}	मिग/ली. /mg/l	-
13	सोडियम/Sodium /Na	मिग/ली. /mg/l	-
14	पोटेशियम/Potassium /K	मिग/ली. /mg/l	-
15	क्लोराइड/Chloride /Cl	मिग/ली. /mg/l	-
16	फ्लोराइड/Fluoride as F	मिग/ली. /mg/l	-
17	सल्फेट/Sulphate as SO_4^{2-}	मिग/ली. /mg/l	-
18	फॉस्फेट-पी./Phosphate-P	मिग/ली. /mg/l	-
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग/ली. /mg/l	-
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग/ली. /mg/l	-
21	अमोनियकल नाइट्रोजन/Ammonical Nitrogen	मिग/ली. /mg/l	-
22	एल्कैलिनिटी/ Alkalinity	मिग/ली. /mg/l	-
23	पुलित आक्सीजन /DO	मिग/ली. /mg/l	5.4
24	बी.ओ.डी. /BOD	मिग/ली. /mg/l	3.5
25	सी.ओ.डी./COD	मिग/ली. /mg/l	20.0
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr^{VI}	मिग/ली. /mg/l	-
27	टोटल क्रोमियम/ /Total Chromium /T.Cr	मिग/ली. /mg/l	-
28	कॉपर /Copper /Cu	मिग/ली. /mg/l	-
29	कैडमियम /Cadmium /Cd	मिग/ली. /mg/l	-
30	लेड /Lead /Pb	मिग/ली. /mg/l	-
31	आयरन /Iron /Fe	मिग/ली. /mg/l	-
32	निकेल /Nickel /Ni	मिग/ली. /mg/l	-
33	ज़िंक /Zinc /Zn	मिग/ली. /mg/l	-
34	Total Coliform	M/N/100 ml	4000.0

* Samples of Ndal sent to ITR.

परीक्षण कर्ता हस्ताक्षर/Analysed by.....

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory.....



मुख्याधिकारी/टैक्निकल मैनेजर/CEO/T.M
कोयंबा/Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2 -100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l





CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report... 21/10/14.

Dt./period of testing 18/9/14 to 25/9/14

1. नमूने का स्रोत (भूजल/झरना/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drai /Nala /STP/any other specify) Raw Water Pumping Station
2. नमूने का प्रकार (ग्रैब/कम्पोजिट/इन्टिग्रेटेड/Type of Sample (Grab/Composite/ Integrated)..... Grab
3. नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by... Mr. H. Senker (S.N.)... Mr. Chandra Prakash
4. एकत्रित नमूने का गंध/Odour.....
5. एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 Lt. + 1
6. नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 17/9/14
7. विश्लेषण हेतु आवेदनकर्ता/Analysis indent by RO, Lucknow
8. प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 18/9/14
9. विश्लेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			V.P.C.B./C.L.W./103/14 Raw Water Pumping Station Balaganj
1	पी. एच/ pH		7.03
2	गदलापन/Turbidity	एन.टी.यू. / NTU	-
3	रंग/ Colour	हेजन / Hazen	-
4	घासकता/ Conductivity	माइक्रो/सेमी. μ S/cm	-
5	सस्पेंडेड सॉलिड/Suspended Solids	मिगा/ली. / mg/l	-
6	टोटल डिजॉल्वेड सॉलिड/ Total Dissolved Solids	मिगा/ली. / mg/l	230.0
7	टोटल सॉलिड/ Total Solids	मिगा/ली. / mg/l	274.0
8	कुल कठोरता/ Total Hardness	मिगा/ली. / mg/l	-
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/ली. / mg/l	-
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिगा/ली. / mg/l	-
11	कैल्शियम/ Calcium as Ca^{++}	मिगा/ली. / mg/l	-
12	मैग्नीशियम/ Magnesium as Mg^{++}	मिगा/ली. / mg/l	-
13	सोडियम/ Sodium / Na	मिगा/ली. / mg/l	-
14	पोटेशियम/ Potassium / K	मिगा/ली. / mg/l	-
15	क्लोराइड/ Chloride / Cl^-	मिगा/ली. / mg/l	-
16	फ्लोराइड/ Fluoride as F^-	मिगा/ली. / mg/l	-
17	सल्फेट/ Sulphate as SO_4^{--}	मिगा/ली. / mg/l	-
18	फॉस्फेट-पी./ Phosphate-P	मिगा/ली. / mg/l	-
19	नाइट्रेट-नाइट्रोजन/ Nitrate-Nitrogen	मिगा/ली. / mg/l	-
20	नाइट्राइट-नाइट्रोजन/ Nitrite-Nitrogen	मिगा/ली. / mg/l	-
21	अमोनिकल नाइट्रोजन/ Ammonical Nitrogen	मिगा/ली. / mg/l	-
22	एल्कैलिनिटी/ Alkalinity	मिगा/ली. / mg/l	-
23	सुलित ऑक्सीजन/ DO	मिगा/ली. / mg/l	4.3
24	बी.ओ.डी./ BOD	मिगा/ली. / mg/l	3.6
25	सी.ओ.डी./ COD	मिगा/ली. / mg/l	20.0
26	क्रोमियम हेक्सावैलेंट/ Chromium Hexavalent Cr^{++}	मिगा/ली. / mg/l	-
27	टोटल क्रोमियम/ Total Chromium / T.Cr	मिगा/ली. / mg/l	-
28	कॉपर / Copper / Cu	मिगा/ली. / mg/l	-
29	कैडमियम / Cadmium / Cd	मिगा/ली. / mg/l	-
30	लेड / Lead / Pb	मिगा/ली. / mg/l	-
31	आयरन / Iron / Fe	मिगा/ली. / mg/l	-
32	निकेल / Nickel / Ni	मिगा/ली. / mg/l	-
33	ज़िंक / Zinc / Zn	मिगा/ली. / mg/l	-
34	Total Coliform	MPN/100 ml	2200.0

* Sample of Metal sent to ITR.

परिक्षण कर्ता हस्ताक्षर/Analysed by... *[Signature]* 11/10/14

अधिकृत हस्ताक्षरकर्ता/ Authorised Signatory... *[Signature]* 01-10-14



[Signature]
सुपरवाइजर/टैक्निकल मैनेजर/CEO/T.M
केन्द्र/ Central Lab.

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5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
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12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
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15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ ⁻ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ ⁻ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A, B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report... 10/10/14

Di./period of testing... 10/9/14 to 25/9/14

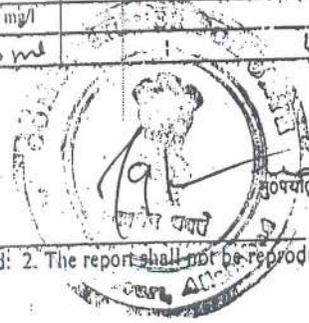
- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) ... Raw Water Pumping Station
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated) ... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by... Mr. H. Sonkar (SA) Mr. Chandna Rakesh (C.M.F)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other) ... 2 L + 1 L
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection... 10/9/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by ... RO, Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory... 10/9/14
- पण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.C.B.L.C.H.W./10.9.14, Raw Water Pumping Station, G.M. flat</u>
1	पी. एच/ pH		<u>7.10</u>
2	गदलापन/ Turbidity	एनटीयू / NTU	-
3	रंग/ Colour	हजन / Hazen	-
4	घालकता/ Conductivity	माइक्रो/सेमी. μ S/cm	-
5	सस्पेंडेड सॉलिड/ Suspended Solids	मिग/सी. / mg/l	-
6	टोटल डिजॉल्वेड सॉलिड/ Total Dissolved Solids	मिग/सी. / mg/l	<u>240.0</u>
7	टोटल सॉलिड/ Total Solids	मिग/सी. / mg/l	<u>290.0</u>
8	कुल कठोरता/ Total Hardness	मिग/सी. / mg/l	-
9	कैल्शियम कठोरता/ Calcium Hardness	मिग/सी. / mg/l	-
10	मैग्नीशियम कठोरता/ Magnesium Hardness	मिग/सी. / mg/l	-
11	कैल्शियम/ Calcium as Ca ²⁺	मिग/सी. / mg/l	-
12	मैग्नीशियम/ Magnesium as Mg ²⁺	मिग/सी. / mg/l	-
13	सोडियम/ Sodium / Na	मिग/सी. / mg/l	-
14	पोटेशियम/ Potassium / K	मिग/सी. / mg/l	-
15	क्लोराइड/ Chloride / Cl ⁻	मिग/सी. / mg/l	-
16	फ्लोराइड/ Fluoride as F ⁻	मिग/सी. / mg/l	-
17	सल्फेट/ Sulphate as SO ₄ ²⁻	मिग/सी. / mg/l	-
18	फॉस्फेट-पी./ Phosphate-P	मिग/सी. / mg/l	-
19	नाइट्रेट-नाइट्रोजन/ Nitrate-Nitrogen	मिग/सी. / mg/l	-
20	नाइट्राइट-नाइट्रोजन/ Nitrite-Nitrogen	मिग/सी. / mg/l	-
21	अमोनिकल नाइट्रोजन/ Ammonical Nitrogen	मिग/सी. / mg/l	-
22	एल्कैलिनिटी/ Alkalinity	मिग/सी. / mg/l	-
23	पुलित ऑक्सीजन/ DO	मिग/सी. / mg/l	<u>5.1</u>
24	बी.ओ.डी. / BOD	मिग/सी. / mg/l	<u>3.6</u>
25	सी.ओ.डी. / COD	मिग/सी. / mg/l	<u>20.0</u>
26	क्रोमियम हेक्सावैलेंट/ Chromium Hexavalent Cr ⁶⁺	मिग/सी. / mg/l	-
27	टोटल क्रोमियम/ Total Chromium / T.Cr ⁶⁺	मिग/सी. / mg/l	-
28	कॉपर / Copper / Cu	मिग/सी. / mg/l	-
29	कैडमियम / Cadmium / Cd	मिग/सी. / mg/l	-
30	लेड / Lead / Pb	मिग/सी. / mg/l	-
31	आयरन / Iron / Fe	मिग/सी. / mg/l	-
32	निकेल / Nickel / Ni	मिग/सी. / mg/l	-
33	जिंक / Zinc / Zn	मिग/सी. / mg/l	-
34	Total Coliform	MPN/100 ml	<u>4600.0</u>

2 Samples of Metal sent to IITR.

परीक्षण कर्ता हस्ताक्षर/Analysed by... 11/10/14

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory... Ushakiran
01-10-14



U.P. Pollution Control Board
संयोजक/डिप्टिमेंटल मैनेजर/CEO/T.M
केन्द्र/कोर/ Central Lab.

Note: 1. The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced except in full, without the written permission of laboratory.

HIGH COURT OF JUDICATURE AT ALLAHABAD

S. No.	Parameter	Test Method	Detection range
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11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
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24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
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27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
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31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l

Kurana





CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report. 1.10.14

Di./period of testing. 10/9/14 to 25/9/14

1. नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एच.टी.पी/अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) Raw Water Pumping Station

2. नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab

3. नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by M. H. Sankar (S.A.), M. Chandra Babash (MA)

4. एकत्रित नमूने का गंध/Odour.....

5. एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other) 2 Lt. x 1 Lt.

6. नमूने एकत्रीकरण की तिथि/Date of Sample Collection 10/9/14

7. विरलेपण हेतु आदेशनकर्ता/Analysis indented by RO, Lucknow

8. प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory 10/9/14

9. विरलेपण विधि हेतु कृ.प्र.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>VPPCB.L.C.K.W. 10.5.14, Raw water Pumping Station, Balaganj</u>
1	पी. एच/ pH		<u>7.02</u>
2	गदलापन/Turbidity	एन.टी.यू. / NTU	-
3	रंग/ Colour	हजन / Hazen	-
4	वाहकता/ Conductivity	माइक्रो/सेमी. $\mu S/cm$	-
5	सस्पेंडेड सॉलिड / Suspended Solids	मिगा/ली. / mg/l	<u>246.0</u>
6	टोटल डिजॉल्वेड सॉलिड / Total Dissolved Solids	मिगा/ली. / mg/l	<u>288.0</u>
7	टोटल सॉलिड / Total Solids	मिगा/ली. / mg/l	-
8	कुल कठोरता / Total Hardness	मिगा/ली. / mg/l	-
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/ली. / mg/l	-
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिगा/ली. / mg/l	-
11	कैल्शियम / Calcium as Ca^{2+}	मिगा/ली. / mg/l	-
12	मैग्नीशियम / Magnesium as Mg^{2+}	मिगा/ली. / mg/l	-
13	सोडियम / Sodium / Na	मिगा/ली. / mg/l	-
14	पोटेशियम / Potassium / K	मिगा/ली. / mg/l	-
15	क्लोराइड / Chloride / Cl	मिगा/ली. / mg/l	-
16	फ्लोराइड / Fluoride as F^-	मिगा/ली. / mg/l	-
17	सल्फेट / Sulphate as SO_4^{2-}	मिगा/ली. / mg/l	-
18	फॉस्फेट-पी. / Phosphate-P	मिगा/ली. / mg/l	-
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मिगा/ली. / mg/l	-
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मिगा/ली. / mg/l	-
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मिगा/ली. / mg/l	-
22	एल्कैलिनिटी / Alkalinity	मिगा/ली. / mg/l	-
23	युक्त आक्सीजन / DO	मिगा/ली. / mg/l	<u>4.5</u>
24	बी.ओ.डी. / BOD	मिगा/ली. / mg/l	<u>3.8</u>
25	सी.ओ.डी. / COD	मिगा/ली. / mg/l	<u>19.68</u>
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr^{6+}	मिगा/ली. / mg/l	-
27	टोटल क्रोमियम / Total Chromium / T.Cr	मिगा/ली. / mg/l	-
28	कॉपर / Copper / Cu	मिगा/ली. / mg/l	-
29	कैडमियम / Cadmium / Cd	मिगा/ली. / mg/l	-
30	लेड / Lead / Pb	मिगा/ली. / mg/l	-
31	आयरन / Iron / Fe	मिगा/ली. / mg/l	-
32	निकेल / Nickel / Ni	मिगा/ली. / mg/l	-
33	ज़िंक / Zinc / Zn	मिगा/ली. / mg/l	-
34	Total Coliform	MPN/100 ml	<u>2400.0</u>

4 samples of metal sent to IITR.
 परीक्षण कर्ता हस्ताक्षर / Analysed by A.K. Mishra
 अधिकृत हस्ताक्षरकर्ता / Authorised Signatory Ushakiran
01.10.14



मुख्यालय/द्वितीयक मैनेजर/CEO/T.M
 केंद्र/प्रयोग/ Central Lab.

Note: 1. The results in the Test Report relate only to the items tested. 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

HIGH COURT OF JUDICATURE AT ALLAHABAD

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-9) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A, B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l





उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ क्र.
Ref. No.

क्रि.प्र.प्रा.प/14/2014-15

दिनांक
Date

सेवा में,

क्षेत्रीय अधिकारी,
उ०प्र० प्रदूषण नियंत्रण बोर्ड,
लखनऊ।

विषय:- विश्लेषण आख्या प्रेषित किये जाने के संबंध में।

महोदय,

आपके कार्यालय द्वारा दिनांक 24.09.14 को एकत्रित किये गये 07 जल नमूनों की विश्लेषण आख्या पत्र सहित संलग्न कर प्रेषित की जा रही है।

संलग्नक-उपरोक्तानुसार।

भवदीया

(डा० मधु भारद्वाज) 21/9/2014
मुख्य पर्यावरण अधिकारी
(के०प्र०प०)

प्रतिलिपि:- मुख्य पर्यावरण अधिकारी वृत्त-05 को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

मुख्य पर्यावरण अधिकारी
(के०प्र०प०)

टी.सी. - 12 वी, विभूति खण्ड, गौमती नगर,
लखनऊ - 226 010
दूरभाष : 0522-2720828, 2720831
फैक्स : 0522-2720784, 2720876
ई-मेल : info@uppcb.com

T.C.-12 V, Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010
Phone : 2720828, 2720831
Fax : 0522-2720784, 2720876
e-mail : info@uppcb.com



Handwritten signature

CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report..... 1/10/14.

Dt./period of testing: 24/5/14 to 1/6/14.

- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala /STP/any other specify) Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/ Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. C. Balasub (MA), Mr. H. Suleman (SA)
Mr. Anant Mishra (AEG)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other).....
2 Lt. in 1 Lt. + 1 bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 24/5/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by U.P.S Regional Office Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 24/5/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूने का प्रयोगशाला कोड/नमूने एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.S/CL/W/122/14</u> <u>Rao Water Aishbagh Tal Saran</u>
1	पी. एच/ pH		7.44
2	गंदसायन/Turbidity	एच.टी.यू. / NTU	—
3	रंग/ Colour	इंजन / Hazen	—
4	घालकता/ Conductivity	माइक्रो/सेमी. μ S/cm	—
5	सस्पेंडेड सोलिड/Suspended Solids	मिगा/सी. / mg/l	—
6	टोटल डिजॉल्वेड सोलिड/ Total Dissolved Solids	मिगा/सी. / mg/l	244.0
7	टोटल सोलिड/ Total Solids	मिगा/सी. / mg/l	—
8	कुल कठोरता/ Total Hardness	मिगा/सी. / mg/l	—
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/सी. / mg/l	—
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिगा/सी. / mg/l	—
11	कैल्शियम/ Calcium as Ca^{++}	मिगा/सी. / mg/l	—
12	मैग्नीशियम/ Magnesium as Mg^{++}	मिगा/सी. / mg/l	—
13	सोडियम/ Sodium / Na	मिगा/सी. / mg/l	—
14	पोटेशियम/ Potassium / K	मिगा/सी. / mg/l	—
15	क्लोराइड/ Chloride / Cl ⁻	मिगा/सी. / mg/l	—
16	फ्लोराइड/ Fluoride as F ⁻	मिगा/सी. / mg/l	—
17	सल्फेट/ Sulphate as SO_4^{--}	मिगा/सी. / mg/l	—
18	फॉस्फेट-पी./ Phosphate-P	मिगा/सी. / mg/l	—
19	नाइट्रेट-नाइट्रोजन/ Nitrate-Nitrogen	मिगा/सी. / mg/l	—
20	नाइट्राइट-नाइट्रोजन/ Nitrite-Nitrogen	मिगा/सी. / mg/l	—
21	अमोनियम नाइट्रोजन/ Ammonical Nitrogen	मिगा/सी. / mg/l	—
22	एल्कैलिनिटी/ Alkalinity	मिगा/सी. / mg/l	—
23	घुलित आक्सीजन/ DO	मिगा/सी. / mg/l	3.4
24	बी.ओ.डी./ BOD	मिगा/सी. / mg/l	17.6
25	सी.ओ.डी./ COD	मिगा/सी. / mg/l	—
26	क्रोमियम हेक्सावैलेंट/ Chromium Hexavalent Cr^{++}	मिगा/सी. / mg/l	0.024
27	टोटल क्रोमियम/ Total Chromium / T.Cr	मिगा/सी. / mg/l	0.014
28	कॉपर/ Copper / Cu	मिगा/सी. / mg/l	—
29	कैडमियम/ Cadmium / Cd	मिगा/सी. / mg/l	—
30	लेड/ Lead / Pb	मिगा/सी. / mg/l	—
31	आयरन/ Iron / Fe	मिगा/सी. / mg/l	0.770
32	निकेल/ Nickel / Ni	मिगा/सी. / mg/l	—
33	ज़िंक/ Zinc / Zn	मिगा/सी. / mg/l	0.027
			2800

विरलेषण कर्ता हस्ताक्षर/ Analysed by.....

अधिकृत हस्ताक्षरकर्ता/ Authorised Signatory.....

मुख्य अधिकारी/ टैक्निकल मैनेजर/ CEO/T.M.
केन्द्रीय/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested. 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
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5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
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12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
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15	Sulphate	APHA, 4500-SO ₄ ²⁻ E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



Handwritten signature or mark.

CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

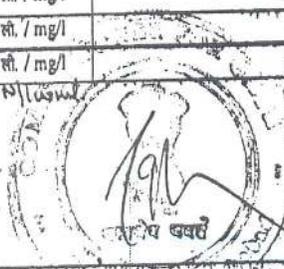
N.

Dt. of compilation of test report. 11/10/14....

Dt./period of testing. 24/9/14 to 10/10/14.

- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify)..... Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. C. Lakshmi (H.A.), Mr. H. Sulekh (SA)
Mr. Amit Mishra (AGG)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other).....
2 Lt + 1 Lt + 1 bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 24/9/14
- विरलेषण हेतु आयेदनकर्ता/Analysis indented by..... U.P.C.S. Regional Office Lucknow
- काराला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 24/9/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगकर्ता कोड / नमूना एकत्रण स्थल Sample Code No./Sampling Point <u>U.P.C.S. / 4 / 10 / 194 / 14</u> <u>Surface water Allahgh. Jal San. Eshan</u>
1	पी. एच / pH		7.52
2	गंदलापन / Turbidity	एन.टी.यू. / NTU	1
3	रंग / Colour	इकन / Hazen	1
4	घासकता / Conductivity	माइक्रो / से.पी. μ S/cm	1
5	सस्पेंडेड सॉलिड / Suspended Solids	मिगा/ली. / mg/l	1
6	टोटल डिजॉल्वेड सॉलिड / Total Dissolved Solids	मिगा/ली. / mg/l	280.0
7	टोटल सॉलिड / Total Solids	मिगा/ली. / mg/l	1
8	कुल कठोरता / Total Hardness	मिगा/ली. / mg/l	1
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/ली. / mg/l	1
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिगा/ली. / mg/l	1
11	कैल्शियम / Calcium as Ca^{2+}	मिगा/ली. / mg/l	1
12	मैग्नीशियम / Magnesium as Mg^{2+}	मिगा/ली. / mg/l	1
13	सोडियम / Sodium / Na	मिगा/ली. / mg/l	1
14	पोटेशियम / Potassium / K	मिगा/ली. / mg/l	1
15	क्लोराइड / Chloride / Cl^-	मिगा/ली. / mg/l	1
16	फ्लोराइड / Fluoride as F	मिगा/ली. / mg/l	1
17	सल्फेट / Sulphate as SO_4^{2-}	मिगा/ली. / mg/l	1
18	फॉस्फेट-पी. / Phosphate-P	मिगा/ली. / mg/l	1
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मिगा/ली. / mg/l	1
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मिगा/ली. / mg/l	1
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मिगा/ली. / mg/l	1
22	एल्कालिनिटी / Alkalinity	मिगा/ली. / mg/l	1
23	घुलित ऑक्सीजन / DO	मिगा/ली. / mg/l	1
24	बी.ओ.डी. / BOD	मिगा/ली. / mg/l	0.5
25	सी.ओ.डी. / COD	मिगा/ली. / mg/l	2.0
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr^{6+}	मिगा/ली. / mg/l	1
27	टोटल क्रोमियम / Total Chromium / T.Cr	मिगा/ली. / mg/l	0.005
28	कॉपर / Copper / Cu	मिगा/ली. / mg/l	0.003
29	कैडमियम / Cadmium / Cd	मिगा/ली. / mg/l	1
30	लेड / Lead / Pb	मिगा/ली. / mg/l	1
31	आयरन / Iron / Fe	मिगा/ली. / mg/l	0.109
32	निकेल / Nickel / Ni	मिगा/ली. / mg/l	1
33	ज़िंक / Zinc / Zn	मिगा/ली. / mg/l	0.012
34	टोटल कॉपर / Total Copper	मिगा/ली. / mg/l	21.8

परीक्षण कर्ता हस्ताक्षर / Analysed by..... 11/10/14अधिकृत हस्ताक्षरकर्ता / Authorised Signatory..... 01-10-14सुपरवाइजर / टैकनिकल ऑफिसर / CEO/T.M.
कोषग्रहण / Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

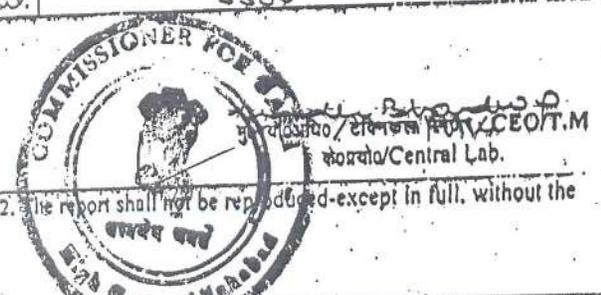
TEST REPORT: WATER LABORATORY

Dt. of compilation of test report... 11/10/14
 Dt./period of testing... 24/9/14

- नमूने का स्रोत (भूजल/सिंचना/सतही जल/नाला/एन.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify)..... Surface water
- नमूने का प्रकार (गैब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. C. Lakshmi (M.A.), Mr. H. Santal (S.A.)
Mr. Anil Mishra (AEC)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकेजिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other).....
2 Lt + 1 Lt + 2 Bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 24/9/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by..... U.P.C.B. Regional Office Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 24/9/14
- विशेष विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्र. सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.C.B. / R.O. / 195 / 114</u> <u>U.P. River Gomti, Ghaughat, Lko.</u>
1	घ. एच/ pH		7.36
2	गड़लापन/Turbidity	एन.टी.यू./ NTU	-
3	रंग/ Colour	हजन/ Hazen	-
4	घातकता/ Conductivity	माइक्रो/से. / μ S/cm	-
5	सस्पेंडेड सॉलिड/Suspended Solids	मिग/ली / mg/l	268.6
6	टोटल डिजॉल्वेड सॉलिड/Total Dissolved Solids	मिग/ली / mg/l	304.0
7	टोटल सॉलिड/Total Solids	मिग/ली / mg/l	-
8	कुल कठोरता/Total Hardness	मिग/ली / mg/l	-
9	कैल्शियम कठोरता/Calcium Hardness	मिग/ली / mg/l	-
10	मैग्नीशियम कठोरता/Magnesium Hardness	मिग/ली / mg/l	-
11	कैल्शियम/Calcium as Ca^{2+}	मिग/ली / mg/l	-
12	मैग्नीशियम/Magnesium as Mg^{2+}	मिग/ली / mg/l	-
13	सोडियम/Sodium / Na	मिग/ली / mg/l	-
14	पोटेशियम/Potassium / K	मिग/ली / mg/l	-
15	क्लोराइड/Chloride / Cl	मिग/ली / mg/l	-
16	फ्लोराइड/Fluoride as F	मिग/ली / mg/l	-
17	सल्फेट/Sulphate as SO_4^{2-}	मिग/ली / mg/l	-
18	फॉस्फेट-पी./Phosphate-P	मिग/ली / mg/l	-
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग/ली / mg/l	-
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग/ली / mg/l	-
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिग/ली / mg/l	-
22	एल्कैलिनिटी/Alkalinity	मिग/ली / mg/l	6.1
23	सुलित ऑक्सीजन/DO	मिग/ली / mg/l	3.5
24	बी.ओ.डी./BOD	मिग/ली / mg/l	17.2
25	सी.ओ.डी./COD	मिग/ली / mg/l	-
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr ⁶⁺	मिग/ली / mg/l	0.010
27	टोटल क्रोमियम/Total Chromium / T.Cr	मिग/ली / mg/l	0.005
28	कॉपर/Copper / Cu	मिग/ली / mg/l	-
29	कैडमियम/Cadmium / Cd	मिग/ली / mg/l	-
30	लेड/Lead / Pb	मिग/ली / mg/l	0.359
31	आयरन/Iron / Fe	मिग/ली / mg/l	-
32	निकेल/Nickel / Ni	मिग/ली / mg/l	0.016
33	ज़िंक/Zinc / Zn	मिग/ली / mg/l	3500
34	Total Coliform	MPN/100ml	-

विरलेषण कर्ता/Analyzed by..... U.P.C.B. Regional Office Lucknow
 अधिकृत हस्ताक्षरकर्ता/Authorised Signatory..... 01-10-14



Note: 1. The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced except in full, without the written permission of laboratory.

HIGH COURT OF JUDICATURE AT ALLAHABAD

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A, B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l

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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

T.C.-12 Y, Yibhuti Khand, Gomti Nagar, Lucknow - 226010

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

1. Dt./period of testing... 24/9/14
2. Dt. of compilation of test report... 11/10/14
1. नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एन.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) Surface water
2. नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
3. नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by... Mr. C. P. Singh (M.A.) Mr. H. Sankar (S.A.)
Mr. Anant Mishra (AEG)
4. एकत्रित नमूने का गंध/Odour.....
5. एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other).....
2 lt. in 1 lt. + 2 bottle
6. नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 24/9/14
7. विश्लेषण हेतु आवेदनकर्ता/Analysis indented by UPR Regional office Lucknow
8. नमूना प्राप्त की तिथि/Date of Sample receipt in Laboratory..... 24/9/14
9. विश्लेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगस्थल कोड / नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.C.B./ST./12/196/14</u> <u>U.S. Kudiaghata River Gomti Lucknow</u>
1	पी. एच./pH	एच.टी.यू. / NTU	7.21
2	गदलापन/Turbidity	हजन / Hazen	—
3	रंग/Colour	पाठक/से. जू.से.एम	—
4	घासकता/Conductivity	मिगा/से. / mg/l	—
5	सस्पेंडेड सोलिड/Suspended Solids	मिगा/से. / mg/l	282.0
6	टोटल डिजॉल्वेड सोलिड/Total Dissolved Solids	मिगा/से. / mg/l	322.0
7	टोटल सोलिड/Total Solids	मिगा/से. / mg/l	—
8	कुल कठोरता/Total Hardness	मिगा/से. / mg/l	—
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/से. / mg/l	—
10	मैग्नीशियम कठोरता /Magnesium Hardness	मिगा/से. / mg/l	—
11	कैल्शियम / Calcium as Ca ⁺⁺	मिगा/से. / mg/l	—
12	मैग्नीशियम /Magnesium as Mg ⁺⁺	मिगा/से. / mg/l	—
13	सोडियम / Sodium / Na	मिगा/से. / mg/l	—
14	पोटेशियम / Potassium / K	मिगा/से. / mg/l	—
15	क्लोराइड / Chloride / Cl	मिगा/से. / mg/l	—
16	फ्लोराइड / Fluoride as F ⁻	मिगा/से. / mg/l	—
17	सल्फेट / Sulphate as SO ₄ ²⁻	मिगा/से. / mg/l	—
18	फॉस्फेट-पी. / Phosphate-P	मिगा/से. / mg/l	—
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मिगा/से. / mg/l	—
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मिगा/से. / mg/l	—
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मिगा/से. / mg/l	—
22	एल्कलिनियटी / Alkalinity	मिगा/से. / mg/l	4.6
23	घुसित आक्सीजन/DO	मिगा/से. / mg/l	4.2
24	बी.ओ.डी. /BOD	मिगा/से. / mg/l	22.8
25	सी.ओ.डी./COD	मिगा/से. / mg/l	—
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr ⁶⁺	मिगा/से. / mg/l	ND
27	टोटल क्रोमियम / Total Chromium / T.Cr	मिगा/से. / mg/l	0.005
28	कॉपर / Copper / Cu	मिगा/से. / mg/l	—
29	कैडमियम / Cadmium / Cd	मिगा/से. / mg/l	—
30	लेड / Lead / Pb	मिगा/से. / mg/l	0.392
31	आयरन / Iron / Fe	मिगा/से. / mg/l	—
32	निकेल / Nickel / Ni	मिगा/से. / mg/l	0.019
33	ज़िंक / Zinc / Zn	मिगा/से. / mg/l	17000

परीक्षण कर्ता हस्ताक्षर/Analysed by... H. Sankar 01/10/14

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory... Usha Kiran 01-10-14



मुख्यालय/दफ्तर/एन.टी.पी./CEOT.M
केंद्र/कोड/Central Lab.

Note: The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced except in full, without the written permission of laboratory.

HIGH COURT OF JUDICATURE AT ALLAHABAD

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A, B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

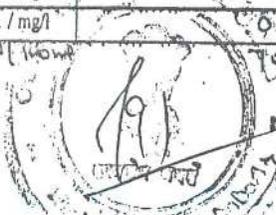
TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report: ... 1/10/14

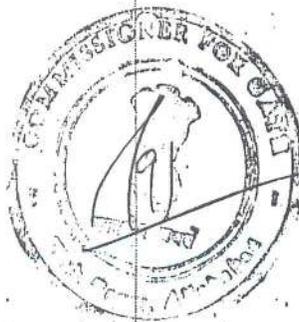
Dt./period of testing: 24/9/14 - 1/10/14

- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/I/Nala /STP/any other specify) Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... M. C. Prakash (M.A.), Mr. H. Sanjay (S.A. Mo. Anant Mishra (AEE))
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 lt + 1 lt + 2 bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 24/9/14
- विरलेषण हेतु आयेदनकर्ता/Analysis indented by UPUT Regional office Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 24/9/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>UPUT/4/10/197/14</u> <u>U.P. River Gomti, Prayag, Lucknow</u>
1	पी. एच/ pH		<u>7.08</u>
2	गंदलापन/Turbidity	एन.टी.यू. / NTU	<u>—</u>
3	रंग/ Colour	हेपन / Hazen	<u>—</u>
4	घासकता/ Conductivity	माइक्रो/सेमी. μ S/cm	<u>—</u>
5	सस्पेंडेड सोलिड/Suspended Solids	मिगा/सी. / mg/l	<u>—</u>
6	टोटल डिस्सॉल्वेड सोलिड/Total Dissolved Solids	मिगा/सी. / mg/l	<u>310.6</u>
7	टोटल सोलिड/Total Solids	मिगा/सी. / mg/l	<u>364.0</u>
8	कुल कठोरता/Total Hardness	मिगा/सी. / mg/l	<u>—</u>
9	कैल्शियम कठोरता / Calcium Hardness	मिगा/सी. / mg/l	<u>—</u>
10	मैग्नीशियम कठोरता /Magnesium Hardness	मिगा/सी. / mg/l	<u>—</u>
11	कैल्शियम/ Calcium as Ca^{2+}	मिगा/सी. / mg/l	<u>—</u>
12	मैग्नीशियम/Magnesium as Mg^{2+}	मिगा/सी. / mg/l	<u>—</u>
13	सोडियम/Sodium / Na	मिगा/सी. / mg/l	<u>—</u>
14	पोटेशियम/Potassium / K	मिगा/सी. / mg/l	<u>—</u>
15	क्लोराइड/Chloride / Cl	मिगा/सी. / mg/l	<u>—</u>
16	फ्लोराइड/Fluoride as F	मिगा/सी. / mg/l	<u>—</u>
17	सल्फेट/Sulphate as SO_4^{2-}	मिगा/सी. / mg/l	<u>—</u>
18	फॉस्फेट-पी./Phosphate-P	मिगा/सी. / mg/l	<u>—</u>
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिगा/सी. / mg/l	<u>—</u>
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिगा/सी. / mg/l	<u>—</u>
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिगा/सी. / mg/l	<u>—</u>
22	एल्कैलिनिटी/ Alkalinity	मिगा/सी. / mg/l	<u>—</u>
23	घुलित ऑक्सीजन/DO	मिगा/सी. / mg/l	<u>2.7</u>
24	बी.ओ.डी. /BOD	मिगा/सी. / mg/l	<u>7.0</u>
25	सी.ओ.डी./COD	मिगा/सी. / mg/l	<u>37.2</u>
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr^{6+}	मिगा/सी. / mg/l	<u>—</u>
27	टोटल क्रोमियम/ /Total Chromium / T.Cr	मिगा/सी. / mg/l	<u>0.001</u>
28	कॉपर /Copper / Cu	मिगा/सी. / mg/l	<u>0.005</u>
29	कैडमियम /Cadmium / Cd	मिगा/सी. / mg/l	<u>—</u>
30	लेड /Lead / Pb	मिगा/सी. / mg/l	<u>—</u>
31	आयर्न /Iron / Fe	मिगा/सी. / mg/l	<u>0.369</u>
32	निकेल /Nickel / Ni	मिगा/सी. / mg/l	<u>—</u>
33	ज़िंक /Zinc / Zn	मिगा/सी. / mg/l	<u>0.015</u>
ट.प.	Total Solids	MPN/100ml	<u>10000</u>
परीक्षण कर्ता हस्ताक्षर/Analysed by..... <u>Ushakiran</u> 01-10-14			
अधिकृत हस्ताक्षरकर्ता/Authorised Signatory..... <u>Ushakiran</u> 01-10-14			
			
मुख्यालय/टेक्निकल मैनेजर/CEO/T.M. केन्द्रीय/ Central Lab.			

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 μ mho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F ⁻ D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ ⁻ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ ⁻ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report.....11/10/14.

Dt./period of testing.24/9/14-11/10/14.

- नमूने का स्रोत (भूजल/सतही/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Dr./Nala/STP/any other specify).....Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड)/Type of Sample (Grab/Composite/Integrated).....Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by.....Mr. C. Lakshay (N.A.), Mr. H. Sankar (C), Mr. Amit Mishra (AEE)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other).....2 Lt + 1 Lt + 2 bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection.....24/9/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by.....UPCB Regional Office Lucknow
- योगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory.....24/9/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
		 <u>UPCB/CL/W/128/14</u> <u>S.S. River, Gomti near Banmattara, Lucknow</u>
1	पी. एच./pH		6.90
2	गदलापन/Turbidity	एन.टी.यू. / NTU	—
3	रंग/Colour	हेजन / Hazen	—
4	घासकता/Conductivity	माइक्रो/से. μ S/cm	—
5	सस्पेंडेड सोलिड/Suspended Solids	मिग्रा/ली. / mg/l	—
6	टोटल डिजॉल्वेड सोलिड/Total Dissolved Solids	मिग्रा/ली. / mg/l	322.0
7	टोटल सोलिड/Total Solids	मिग्रा/ली. / mg/l	380.0
8	कुल कठोरता/Total Hardness	मिग्रा/ली. / mg/l	—
9	कैल्शियम कठोरता/Calcium Hardness	मिग्रा/ली. / mg/l	—
10	मैग्नीशियम कठोरता/Magnesium Hardness	मिग्रा/ली. / mg/l	—
11	कैल्शियम/Calcium as Ca^{2+}	मिग्रा/ली. / mg/l	—
12	मैग्नीशियम/Magnesium as Mg^{2+}	मिग्रा/ली. / mg/l	—
13	सोडियम/Sodium / Na	मिग्रा/ली. / mg/l	—
14	पोटेशियम/Potassium / K	मिग्रा/ली. / mg/l	—
15	क्लोराइड/Chloride/Cl	मिग्रा/ली. / mg/l	—
16	फ्लोराइड/Fluoride as F	मिग्रा/ली. / mg/l	—
17	सल्फेट/Sulphate as SO_4^{2-}	मिग्रा/ली. / mg/l	—
18	फॉस्फेट-पी./Phosphate-P	मिग्रा/ली. / mg/l	—
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग्रा/ली. / mg/l	—
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग्रा/ली. / mg/l	—
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिग्रा/ली. / mg/l	—
22	एल्कैलिनिटी/Alkalinity	मिग्रा/ली. / mg/l	—
23	घुलित ऑक्सीजन/DO	मिग्रा/ली. / mg/l	1.6
24	बी.ओ.डी./BOD	मिग्रा/ली. / mg/l	9.6
25	सी.ओ.डी./COD	मिग्रा/ली. / mg/l	49.6
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr^{6+}	मिग्रा/ली. / mg/l	—
27	टोटल क्रोमियम/Total Chromium / T.Cr	मिग्रा/ली. / mg/l	ND
28	कॉपर / Copper / Cu	मिग्रा/ली. / mg/l	0.004
29	कैडमियम / Cadmium / Cd	मिग्रा/ली. / mg/l	—
30	लेड / Lead / Pb	मिग्रा/ली. / mg/l	—
31	आयरन / Iron / Fe	मिग्रा/ली. / mg/l	0.250
32	निकेल / Nickel / Ni	मिग्रा/ली. / mg/l	—
33	ज़िंक / Zinc / Zn	मिग्रा/ली. / mg/l	0.015
34	टोटल कॉलोनिफॉर्म	MPN/100ml	6000
परीक्षण कर्ता हस्ताक्षर/Analysed by..... <u>Usha Kuan</u>			
अधिकृत हस्ताक्षरकर्ता/Authorised Signatory..... <u>Usha Kuan</u> 01-10-14			

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2-100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	0.1-1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ⁻² E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate-nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.03-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l





CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.:

Di. of compilation of test report..... 7/10/14

Di./period of testing. 1/10/14 - 7/10/14

- नमूने का स्रोत (भूजल/सरिता/सतही जल/चाखा/एच.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) Surface water
- नमूने का प्रकार (थेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. Anant Mishra (A.E.G.) Mr. Chandan Prakash (MA)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jeriqane/DO Bottle/MPN Bottle/Any Other)..... 2L + 1 bottle + 1 bottle + 1 L
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 11.10.14
- विरलेषण हेतु आदेशकर्ता/Analysis indented by..... Regional Office Lucknow U.P.C.B.
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 1/10/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगशाला कोड / नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.C.B./Gomti Nagar/208/14 U.P. Gaughat Gaucha, Lucknow
1	पी. एच/ pH	सं. सं. / NTU	7.43
2	गुंधत्वपन / Turbidity	एन. टी. यू. / Hazen	-
3	रंग / Colour	एन. टी. यू. / Hazen	-
4	धातुकता / Conductivity	माइक्रो/से. / μ S/cm	-
5	सस्पेंडेड सॉलिड / Suspended Solids	मि.ग./ली. / mg/l	276.0
6	टोटल डिजॉल्वेड सॉलिड / Total Dissolved Solids	मि.ग./ली. / mg/l	312.0
7	टोटल सॉलिड / Total Solids	मि.ग./ली. / mg/l	-
8	कुल कठोरता / Total Hardness	मि.ग./ली. / mg/l	-
9	कैल्शियम कठोरता / Calcium Hardness	मि.ग./ली. / mg/l	-
10	मैग्नीशियम कठोरता / Magnesium Hardness	मि.ग./ली. / mg/l	-
11	कैल्शियम / Calcium as Ca ²⁺	मि.ग./ली. / mg/l	-
12	मैग्नीशियम / Magnesium as Mg ²⁺	मि.ग./ली. / mg/l	-
13	सोडियम / Sodium / Na	मि.ग./ली. / mg/l	-
14	पोटेशियम / Potassium / K	मि.ग./ली. / mg/l	-
15	क्लोराइड / Chloride / Cl	मि.ग./ली. / mg/l	-
16	फ्लोराइड / Fluoride as F	मि.ग./ली. / mg/l	-
17	सल्फेट / Sulphate as SO ₄ ²⁻	मि.ग./ली. / mg/l	-
18	फॉस्फेट-पी / Phosphate-P	मि.ग./ली. / mg/l	-
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मि.ग./ली. / mg/l	-
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मि.ग./ली. / mg/l	-
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मि.ग./ली. / mg/l	-
22	एकालिनिटी / Alkalinity	मि.ग./ली. / mg/l	6.7
23	डिऑक्सीजन / DO	मि.ग./ली. / mg/l	3.2
24	बी.डी. / BOD	मि.ग./ली. / mg/l	16.4
25	सी.ओ.डी. / COD	मि.ग./ली. / mg/l	-
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr ^{VI}	मि.ग./ली. / mg/l	0.018
27	टोटल क्रोमियम / Total Chromium / T.Cr	मि.ग./ली. / mg/l	0.005
28	कॉपर / Copper / Cu	मि.ग./ली. / mg/l	-
29	कैडमियम / Cadmium / Cd	मि.ग./ली. / mg/l	-
30	लेड / Lead / Pb	मि.ग./ली. / mg/l	0.406
31	आयरन / Iron / Fe	मि.ग./ली. / mg/l	-
32	निकेल / Nickel / Ni	मि.ग./ली. / mg/l	0.037
33	ज़िंक / Zinc / Zn	MPN/100 ml	3200.0
34	T. Coliform		

परिक्षण करवा हस्ताक्षर / Analysed by.....

अधिकृत हस्ताक्षरकर्ता / Authorised Signatory..... 07.10.14

मुख्यालय/दिल्ली/एन.पी.सी./CEO/T.M
कोरवा/Central Lab.

Note: 1. The results in the Test Report relate only to the items tested; 2. The report shall not be reproduced-except in full, without the written permission of laboratory.



HIGH COURT OF JUDICATURE AT ALLAHABAD



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

DI. of compilation of test report... 7/10/14

DI./period of testing... 4/10/14 - 7/10/14

- नमूने का स्रोत (भूजल/सतही/सतही जल/नाला/एस.टी.पी/अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala /STP/any other specify) Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टीग्रेटेड/Type of Sample (Grab/Composite/ Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/ Sample Collected by..... Mr. Anant Mishra (A.E.C.)
Mr. Chandan Prakash (H.A.)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DQ Bottle/MPN Bottle/Any Other).....
2 lit. + 1 bottle + 1 bottle + 1 lit.
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 11/10/14
- विरलेषण हेतु आवेदनकर्ता/ Analysis indented by..... Regional Office Lucknow U.P.C.B.
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 11/10/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>U.P.C.B./CL/10/209/14</u> <u>V/S. Kunda ghat, Gomti river</u>
1	पी. एच/pH		<u>7.32</u>
2	गंदलापन/Turbidity	एन.टी.यू./NTU	
3	रंग/Colour	एचएन/ Hazen	
4	चालकता/Conductivity	एमएस/से. /µS/cm	
5	सस्पेंडेड सोलिड/Suspended Solids	मिग/ली./mg/l	
6	टोटल डिजॉल्वेड सोलिड/Total Dissolved Solids	मिग/ली./mg/l	<u>290.0</u>
7	टोटल सोलिड/Total Solids	मिग/ली./mg/l	<u>334.0</u>
8	कुल कठोरता/Total Hardness	मिग/ली./mg/l	
9	कैल्शियम कठोरता /Calcium Hardness	मिग/ली./mg/l	
10	मैग्नीशियम कठोरता /Magnesium Hardness	मिग/ली./mg/l	
11	कैल्शियम /Calcium as Ca ⁺⁺	मिग/ली./mg/l	
12	मैग्नीशियम /Magnesium as Mg ⁺⁺	मिग/ली./mg/l	
13	सोडियम /Sodium /Na	मिग/ली./mg/l	
14	पोटेशियम /Potassium /K	मिग/ली./mg/l	
15	क्लोराइड /Chloride /Cl ⁻	मिग/ली./mg/l	
16	फ्लोराइड /Fluoride as F ⁻	मिग/ली./mg/l	
17	सल्फेट/Sulphate as SO ₄ ²⁻	मिग/ली./mg/l	
18	फॉस्फेट-पी./Phosphate-P	मिग/ली./mg/l	
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग/ली./mg/l	
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग/ली./mg/l	
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिग/ली./mg/l	
22	एल्कैलिनिटी/ Alkalinity	मिग/ली./mg/l	
23	डिऑक्सीजन/DO	मिग/ली./mg/l	<u>5.3</u>
24	बी.ओ.डी./BOD	मिग/ली./mg/l	<u>4.0</u>
25	सी.ओ.डी./COD	मिग/ली./mg/l	<u>20.4</u>
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr ⁺⁺	मिग/ली./mg/l	<u>0.034</u>
27	टोटल क्रोमियम/Total Chromium /T.Cr	मिग/ली./mg/l	<u>0.005</u>
28	कॉपर /Copper /Cu	मिग/ली./mg/l	
29	कैडमियम /Cadmium /Cd	मिग/ली./mg/l	
30	लेड /Lead /Pb	मिग/ली./mg/l	
31	आयरन /Iron /Fe	मिग/ली./mg/l	<u>0.303</u>
32	निकेल /Nickel /Ni	मिग/ली./mg/l	<u>0.055</u>
33	ज़िंक /Zinc /Zn	मिग/ली./mg/l	
34	T. Coliform	MPN/100ml	<u>13000.0</u>
परीक्षण कर्ता/Analyzed by..... <u>7/10/14</u> अधिकृत हस्ताक्षरकर्ता/ Authorised Signatory..... <u>Usha Kiran</u> <u>07.10.14</u>			मुख्यालय/Regional Office/CEOT/M केंद्र/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced except in full, without the written permission of laboratory.



HIGH COURT OF JUDICATURE AT ALLAHABAD



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report... 7/10/14

Di./period of testing... 1/10/14 - 7/10/14

- नमूने का स्रोत (पूजन/सरिता/सतही जल/माला/एस.टी.पी /अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala (STP/any other specify) Surface water
- नमूने का प्रकार (गैब/कम्पोजिट/इन्टीग्रेटेड/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/ Sample Collected by..... Mr. Anant Mishra (AEE)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/ Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2L + 1 bottle + 1 bottle + 1L
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 1/10/14
- विरलेषण हेतु आदेशनकर्ता/ Analysis indented by Regional Office Lucknow UP PCB
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 1/10/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं० / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूने का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			<u>UPCB/Ch.12/210/14</u> <u>U.S. Ghanti Bazar, Lucknow</u>
1	पी. एच/pH		<u>7.11</u>
2	मदसायन/Turbidity	एनटीयू/NTU	<u>---</u>
3	रंग/Colour	हेजन/Hazen	<u>---</u>
4	घातकता/Conductivity	मि.एस/से. µS/cm	<u>---</u>
5	सस्पेंडेड सॉलिड/Suspended Solids	मि.ग/से. /mg/l	<u>---</u>
6	टोटल डिजॉल्वेड सॉलिड/Total Dissolved Solids	मि.ग/से. /mg/l	<u>316.0</u>
7	टोटल सॉलिड/Total Solids	मि.ग/से. /mg/l	<u>372.0</u>
8	कुल कठोरता/Total Hardness	मि.ग/से. /mg/l	<u>---</u>
9	कैल्शियम कठोरता /Calcium Hardness	मि.ग/से. /mg/l	<u>---</u>
10	मैग्नीशियम कठोरता /Magnesium Hardness	मि.ग/से. /mg/l	<u>---</u>
11	कैल्शियम/Calcium as Ca ⁺⁺	मि.ग/से. /mg/l	<u>---</u>
12	मैग्नीशियम/Magnesium as Mg ⁺⁺	मि.ग/से. /mg/l	<u>---</u>
13	सोडियम/Sodium /Na	मि.ग/से. /mg/l	<u>---</u>
14	पोटेशियम/Potassium /K	मि.ग/से. /mg/l	<u>---</u>
15	क्लोराइड/Chloride /Cl ⁻	मि.ग/से. /mg/l	<u>---</u>
16	फ्लोराइड/Fluoride as F ⁻	मि.ग/से. /mg/l	<u>---</u>
17	सल्फेट/Sulphate as SO ₄ ²⁻	मि.ग/से. /mg/l	<u>---</u>
18	फॉस्फेट-पी/Phosphate-P	मि.ग/से. /mg/l	<u>---</u>
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मि.ग/से. /mg/l	<u>---</u>
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मि.ग/से. /mg/l	<u>---</u>
21	अमोनियक नाइट्रोजन/Ammonical Nitrogen	मि.ग/से. /mg/l	<u>---</u>
22	एल्कैलिनिटी/ Alkalinity	मि.ग/से. /mg/l	<u>---</u>
23	डिऑक्सीजन/DO	मि.ग/से. /mg/l	<u>1.9</u>
24	बीओडी/BOD	मि.ग/से. /mg/l	<u>7.5</u>
25	सीओडी/COD	मि.ग/से. /mg/l	<u>28.8</u>
26	क्रोमियम हेक्सावैलेंट/Chromium Hexavalent Cr ⁶⁺	मि.ग/से. /mg/l	<u>---</u>
27	टोटल क्रोमियम/Total Chromium /T.Cr	मि.ग/से. /mg/l	<u>0.022</u>
28	कॉपर /Copper /Cu	मि.ग/से. /mg/l	<u>0.003</u>
29	कैडमियम /Cadmium /Cd	मि.ग/से. /mg/l	<u>---</u>
30	लेड /Lead /Pb	मि.ग/से. /mg/l	<u>---</u>
31	आयरन /Iron /Fe	मि.ग/से. /mg/l	<u>0.165</u>
32	निकेल /Nickel /Ni	मि.ग/से. /mg/l	<u>0.067</u>
33	ज़िंक /Zinc /Zn	मि.ग/से. /mg/l	<u>---</u>
34	<u>T. Coliform</u>	MPN/100ml	<u>79000.0</u>

परीक्षण कर्ता हस्ताक्षर/Analysed by..... Madhu Jyoti 7/10/14

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory Usha Kiran 07-10-14

Madhu Jyoti
सुपरवाइजिंग/टेक्निकल ऑफिसर/CEO/T.M
केंद्र/को/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory.



HIGH COURT OF JUDICATURE AT ALLAHABAD



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

T.C.-12 V, Vibhuti Khand, Gomti Nagar, Lucknow - 226010:
Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Di. of compilation of test report... 7/10/14

Di./period of testing... 4/10/14-7/10/14

- नमूने का स्रोत (भूजल/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) Surface water
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated)..... Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. Anant Mishra (A.G.S.)
Mr. Chandan Prakash (M.A)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jerrycan/DO Bottle/MPN Bottle/Any Other).....
2 lit + 1 bottle + 1 bottle + 1 lit
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 11/10/14
- विरलेषण हेतु आदेशनकर्ता/Analysis indented by..... Regional Office Lucknow, U.P.C.B.
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 4/10/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्र. सं. / S.N.	पैरामीटर / Parameter	इकाई / Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
1	पी. एच/ pH		6.98
2	घट्टापन/Turbidity	एन.टी.यू. / NTU	---
3	रंग/Colour	हेपन / Hazen	---
4	चालकता/Conductivity	मायो/से. / $\mu S/cm$	---
5	सस्पेंडेड सोलिड/Suspended Solids	मिग/ली. / mg/l	334.0
6	टोटल डिजॉल्व्ड सोलिड/Total Dissolved Solids	मिग/ली. / mg/l	296.0
7	टोटल सोलिड/Total Solids	मिग/ली. / mg/l	---
8	कुल कठोरता/Total Hardness	मिग/ली. / mg/l	---
9	कैल्शियम कठोरता / Calcium Hardness	मिग/ली. / mg/l	---
10	मैग्नीशियम कठोरता /Magnesium Hardness	मिग/ली. / mg/l	---
11	कैल्शियम/ Calcium as Ca ⁺⁺	मिग/ली. / mg/l	---
12	मैग्नीशियम/Magnesium as Mg ⁺⁺	मिग/ली. / mg/l	---
13	सोडियम/Sodium / Na	मिग/ली. / mg/l	---
14	पोटेशियम/Potassium / K	मिग/ली. / mg/l	---
15	क्लोराइड/ Chloride / Cl ⁻	मिग/ली. / mg/l	---
16	फ्लोराइड/ Fluoride as F ⁻	मिग/ली. / mg/l	---
17	सल्फेट/Sulphate as SO ₄ ²⁻	मिग/ली. / mg/l	---
18	फॉस्फेट-पी./ Phosphate-P	मिग/ली. / mg/l	---
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग/ली. / mg/l	---
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग/ली. / mg/l	---
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिग/ली. / mg/l	---
22	एल्कैलिनिटी/ Alkalinity	मिग/ली. / mg/l	1.20
23	पुलित ऑक्सीजन/BOD	मिग/ली. / mg/l	9.5
24	सी.ओ.डी. /COD	मिग/ली. / mg/l	51.2
25	क्रोमियम हेक्सावैलेंट/ Chromium Hexavalent Cr ⁺⁺	मिग/ली. / mg/l	---
26	टोटल क्रोमियम /Total Chromium / T.Cr	मिग/ली. / mg/l	0.022
27	कॉपर /Copper / Cu	मिग/ली. / mg/l	0.009
28	कैडमियम /Cadmium / Cd	मिग/ली. / mg/l	---
29	लेड /Lead / Pb	मिग/ली. / mg/l	0.282
30	आयरन /Iron / Fe	मिग/ली. / mg/l	---
31	निकेल /Nickel / Ni	मिग/ली. / mg/l	0.097
32	ज़िंक /Zinc / Zn	मिग/ली. / mg/l	94000.9
34	T.C. Nitrogen	MPN/100ml	---

परीक्षण कर्ता द्वारा/Analysed by... Jyoti 7/10/14

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory... Ushakiran 07.10.14

मुख्यालय/एन.सी.एल. लखनऊ/CEO/T.M. कंसरवो/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2: The report shall not be reproduced except in full, without the written permission of laboratory.



HIGH COURT OF JUDICATURE AT ALLAHABAD

महोदय को भेजने के लिए प्रेषित - जजिस्ट्रेट अदालत, इलाहाबाद, उ.प्र.



उ० प्र० प्रदूषण नियन्त्रण बोर्ड

क्षेत्रीय कार्यालय: 1219/1, ई-ब्लॉक राजेन्द्र नगर, बरेली-243 122

U. P. POLLUTION CONTROL BOARD

Regional Office: 1219/1, E-Block, Rajendra Nagar, Bareilly-243 122

सन्दर्भ संख्या:

617/ग्रासली पोल्यूटिंग/अन/14

दिनांक 01-09-14

सेवा में,

मुख्य पर्यावरण अधिकारी (वृत्त-8),
उ० प्र० प्रदूषण नियन्त्रण बोर्ड,
लखनऊ।

विषय:- रिट याचिका सं. 791/(एम.बी.)/1998 राजेश कुमार त्रिपाठी बनाम नगर निगम, लखनऊ व अन्य के सम्बन्ध में।

महोदय,

उपरोक्त विषयक बोर्ड मुख्यालय के पत्रांक एफ 48154/सी-8/ग्रासली पोल्यूटिंग/45/14 दिनांक 29.08.14 का सन्दर्भ ग्रहण करने का कष्ट करें। उक्त के सम्बन्ध में इस कार्यालय से सम्बन्धित वांछित सूचनायें इस पत्र के साथ संलग्न कर अग्रिम आवश्यक कार्यवाही हेतु प्रेषित की जा रही है।

संलग्नक: उपरोक्तानुसार

भवदीय

(आर०के० त्यागी)
क्षेत्रीय अधिकारी

ASV



ASV

क्षेत्रीय कार्यालय, बरेली के अर्न्तगत सहमति एवं संचालित चीनी मिलों द्वारा

गोमती नदी में निस्तारित किये जाने वाले उद्योगों का विवरण:-

क्र. सं.	उद्योग का नाम व पता	मुख्य उत्पाद एवं उत्पादन क्षमता	औद्योगिक उत्प्लावक शक्तिकरण संयंत्र का विवरण	मानक प्राप्त /अप्राप्त	टिप्पणी
1.	मै० किसान सहकारी चीनी मिल्स लि०, पूरनपुर, पीलीभीत	चीनी, गन्ना पिराई क्षमता 2500 टी.सी. डी.	आयल एण्ड ग्रीस ट्रेप, इक्वालाइजेशन टैंक, एयरेशन टैंक, सेकेण्ड्री क्लेरीफायर, स्लज ड्राईंग वैड्स आदि उत्प्लावक शक्ति : 1000 KLD	प्राप्त	सहमति (जल/वायु) प्राप्त एवं आफ सीजन होने के कारण उद्योग वर्तमान में बन्द है।
2.	मै० किसान सहकारी चीनी मिल्स लि०, पुवायां, शाहजहांपुर	चीनी, गन्ना पिराई क्षमता 2500 टी.सी. डी.	आयल एण्ड ग्रीस ट्रेप, इक्वालाइजेशन टैंक, एयरेशन टैंक, सेकेण्ड्री क्लेरीफायर, स्लज ड्राईंग वैड्स आदि उत्प्लावक शक्ति : 1000 KLD	प्राप्त	(जल/वायु) प्राप्त एवं आफ सीजन होने के कारण उद्योग वर्तमान में बन्द है।

A
01/09/14

(अंकित मिश्रा)
अवर अभियंता

M. Husain
01-09-2014

(माहिर हुसैन)
अवर अभियंता

E
01/09/2014

(इमरान अली)
अवर अभियंता

H. B. Jaisi
01/09/2014

(हरीश चंद्र जोशी)
सहा० वैज्ञा० अधिकारी

क्षेत्रीय अधिकारी महोदय

Rajyog

01.09.14

latter pk

816



W. S. S.

REGIONAL OFFICE
U P POLLUTION CONTROL BOARD, BAREILLY
Analysis Report of River Gomti

Name of River	Sampling Point	District	Dt. Of Sampling	Colour (Hazep)	Odour	pH	E.C. (µs/cm)	Hardness as CaCO ₃	Alkalinity as CaCO ₃	D.O.	B.O.D.	C.O.D.	Chloride as Cl ⁻	Calcium as Ca ⁺⁺	Magnesium as Mg ⁺⁺	Total Coliform (MPN/100)
1 Gomti river	U/S Pilibhit - Pooranpur road bridge	Pilibhit	16-09-2014	colourless	odourless	7.40	348	110.0	120.0	6.4	1.2	12.0	14.0	26.4	10.69	3604
2 Gomti River	D/S Banjara ghat, vill. Sikrahani, pooranpur	Pilibhit	16-09-2014	colourless	odourless	7.50	354	116.0	108.0	6.6	1.4	16.0	17.0	28.0	11.18	3700.

(S.A.)

(A.S.O.)

(R/O) B. B. 29.09.



huv...

IN THE HON'BLE HIGHCOURT OF JUDICATURE AT
ALLAHABAD LUCKNOW BENCH LUCKNOW

.....Petitioner

vs.

State of UP & others

..... Opposite Parties

HIGH COURT OF JUDICATURE AT ALLAHABAD

knw



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report... 6/11/14..

Dt./period of testing. 14/10/14 - 21/10/14

- नमूने का स्रोत (भूजल/सरिता/सतही जल/नाला/एस.टी.पी./अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) R.I. Khand
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by Mr. Anant Mishra (A.E.E.)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 Lt. + 1 Lt. + 1 Lt.
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 13/10/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by U.P.P.C.B. Regional Office Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory..... 14/10/14
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं / S.No.	पैरामीटर / Parameter	इकाई /Unit	नमूना का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.P.C.B./R.O./222/14 U.P. Ganti river, Mohammadi, Lalchampur
			7.68
1	पी. एच/ pH		
2	गंदलापन/Turbidity	एन.टी.यू. / NTU	
3	रंग/Colour	इकाई / Hazen	
4	घातकता/Conductivity	माइक्रो/सेमी. μ S/cm	
5	सस्पेंडेड सॉलिड/Suspended Solids	मिग/ली. /mg/l	
6	टोटल डिजॉल्वेड सॉलिड/Total Dissolved Solids	मिग/ली. /mg/l	
7	टोटल सॉलिड/Total Solids	मिग/ली. /mg/l	
8	कुल कठोरता/Total Hardness	मिग/ली. /mg/l	
9	कैल्शियम कठोरता/Calcium Hardness	मिग/ली. /mg/l	
10	मैग्नीशियम कठोरता/Magnesium Hardness	मिग/ली. /mg/l	
11	कैल्शियम/Calcium as Ca^{++}	मिग/ली. /mg/l	
12	मैग्नीशियम/Magnesium as Mg^{++}	मिग/ली. /mg/l	
13	सोडियम/Sodium / Na	मिग/ली. /mg/l	
14	पोटेशियम/Potassium / K	मिग/ली. /mg/l	
15	क्लोराइड/Chloride / Cl	मिग/ली. /mg/l	
16	फ्लोराइड/Fluoride as F	मिग/ली. /mg/l	
17	सल्फेट/Sulphate as SO_4^{--}	मिग/ली. /mg/l	
18	फॉस्फेट-पी./Phosphate-P	मिग/ली. /mg/l	
19	नाइट्रेट-नाइट्रोजन/Nitrate-Nitrogen	मिग/ली. /mg/l	
20	नाइट्राइट-नाइट्रोजन/Nitrite-Nitrogen	मिग/ली. /mg/l	
21	अमोनिकल नाइट्रोजन/Ammonical Nitrogen	मिग/ली. /mg/l	
22	एल्कैलिनिटी/Alkalinity	मिग/ली. /mg/l	
23	घुलित आक्सीजन/DO	मिग/ली. /mg/l	8.2
24	बी.ओ.डी./BOD	मिग/ली. /mg/l	2.7
25	सी.ओ.डी./COD	मिग/ली. /mg/l	13.2
26	क्रोमियम हेक्सावैलेंट/Chromium hexavalent Cr^{++}	मिग/ली. /mg/l	
27	टोटल क्रोमियम/Total Chromium / T.Cr	मिग/ली. /mg/l	
28	कॉपर/Copper / Cu	मिग/ली. /mg/l	
29	कैडमियम/Cadmium / Cd	मिग/ली. /mg/l	
30	लेड/Lead / Pb	मिग/ली. /mg/l	
31	आयरन/Iron / Fe	मिग/ली. /mg/l	
32	निकेल/Nickel / Ni	मिग/ली. /mg/l	
33	ज़िंक/Zinc / Zn	मिग/ली. /mg/l	
34	Total Coliform	MNS/100 ml.	700

परीक्षण कर्ता हस्ताक्षर/Analysed by..... Himanshu Mishra

6-11-14

अधिकृत हस्ताक्षरकर्ता/Authorised Signatory..... Ushakiran

06.11.14



उप-निर्देशक/डेप्युटी कमिश्नर/CEO/T.M
केन्द्र/Central Lab.

Note: 1 The results in the Test Report relate only to the items tested. 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H ⁺ (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	10-20,000 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-400 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-160 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	2.0-100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2 -100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	0.2 to 100 mg/l
13	Chloride	APHA, 4500-Cl ⁻ B (4-72 to 4-73) 22 nd Ed. 2012	2.0-400 mg/l
14	Fluoride	APHA, 4500-F ⁻ D (4-87 to 4-88) 22 nd Ed. 2012	0.1 -1.4 mg/l
15	Sulphate	APHA, 4500-SO ₄ ²⁻ E (4-190 to 4-191) 22 nd Ed. 2012	2.0-40 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.01-0.5 mg/l
17	Nitrate --nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.14-1400 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	0.02-0.2 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	1.0-50 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	2.0-400 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	0.2-20.0 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 30 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	> 50 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.10-1.0 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.2-10 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l

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IN THE HON'BLE HIGH COURT OF JUDICATURE AT
ALLAHABAD LUCKNOW BENCH LUCKNOW

.....Petitioner

vs.

State of UP & others

..... Opposite Parties

HIGH COURT OF JUDICATURE AT ALLAHABAD



known



CENTRAL LABORATORY, U.P. POLLUTION CONTROL BOARD

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

Phone: 0522-2720832, 2720480

TEST REPORT: WATER LABORATORY

S.N.

Dt. of compilation of test report... 6/11/14

Dt./period of testing... 14/10/14 to 21/10/14

- नमूने का स्रोत (भूजल/सतही जल/नाला/एस.टी.पी/अन्य)/Sample Source (Ground Water/Surface Water/River/Drain/Nala/STP/any other specify) River
- नमूने का प्रकार (ग्रेब/कम्पोजिट/इन्टिग्रेटेड)/Type of Sample (Grab/Composite/Integrated) Grab
- नमूने एकत्र करने वाले व्यक्ति का विवरण/Sample Collected by..... Mr. Amit Mishra (A.E.S.)
- एकत्रित नमूने का गंध/Odour.....
- एकत्रित नमूने की मात्रा एवं पैकिंग/Quantity & Packing (Plastic Jericane/DO Bottle/MPN Bottle/Any Other)..... 2 Lt + 1 bottle + 1 bottle
- नमूने एकत्रीकरण की तिथि/Date of Sample Collection..... 13/10/14
- विरलेषण हेतु आवेदनकर्ता/Analysis indented by..... U.P.C.B. Regional Office Lucknow
- प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of Sample receipt in Laboratory.....
- विरलेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf.

क्रम सं. / S.No.	पैरामीटर / Parameter	इकाई / Unit	नमूने का प्रयोगशाला कोड/नमूना एकत्रण स्थल Sample Code No./Sampling Point
			U.P.C.B. (Cm.) 12 V / 22.3 / 14 U.S. Gomti river, Kumbhghat, Satapur
1	पी. एच. / pH		7.71
2	गवसापन / Turbidity	एन.टी.यू. / NTU	—
3	रंग / Colour	हजम / Hazen	—
4	घालकता / Conductivity	माइक्रो/सेमी. μ S/cm	—
5	सस्पेंडेड सॉलिड / Suspended Solids	मिग/ली. / mg/l	—
6	टोटल डिजॉल्वेड सॉलिड / Total Dissolved Solids	मिग/ली. / mg/l	—
7	टोटल सॉलिड / Total Solids	मिग/ली. / mg/l	—
8	कुल कठोरता / Total Hardness	मिग/ली. / mg/l	—
9	कैल्शियम कठोरता / Calcium Hardness	मिग/ली. / mg/l	—
10	मैग्नीशियम कठोरता / Magnesium Hardness	मिग/ली. / mg/l	—
11	कैल्शियम / Calcium as Ca^{++}	मिग/ली. / mg/l	—
12	मैग्नीशियम / Magnesium as Mg^{++}	मिग/ली. / mg/l	—
13	सोडियम / Sodium / Na	मिग/ली. / mg/l	—
14	पोटेशियम / Potassium / K	मिग/ली. / mg/l	—
15	क्लोराइड / Chloride / Cl	मिग/ली. / mg/l	—
16	फ्लोराइड / Fluoride as F	मिग/ली. / mg/l	—
17	सल्फेट / Sulphate as SO_4^{--}	मिग/ली. / mg/l	—
18	फॉस्फेट-पी. / Phosphate-P	मिग/ली. / mg/l	—
19	नाइट्रेट-नाइट्रोजन / Nitrate-Nitrogen	मिग/ली. / mg/l	—
20	नाइट्राइट-नाइट्रोजन / Nitrite-Nitrogen	मिग/ली. / mg/l	—
21	अमोनिकल नाइट्रोजन / Ammonical Nitrogen	मिग/ली. / mg/l	—
22	एल्कैलिनिटी / Alkalinity	मिग/ली. / mg/l	—
23	घुलित ऑक्सीजन / DO	मिग/ली. / mg/l	8.0
24	बी.ओ.डी. / BOD	मिग/ली. / mg/l	2.8
25	सी.ओ.डी. / COD	मिग/ली. / mg/l	14.4
26	क्रोमियम हेक्सावैलेंट / Chromium Hexavalent Cr^{++}	मिग/ली. / mg/l	—
27	टोटल क्रोमियम / Total Chromium / T.Cr	मिग/ली. / mg/l	—
28	कॉपर / Copper / Cu	मिग/ली. / mg/l	—
29	कैडमियम / Cadmium / Cd	मिग/ली. / mg/l	—
30	लेड / Lead / Pb	मिग/ली. / mg/l	—
31	आयरन / Iron / Fe	मिग/ली. / mg/l	—
32	निकेल / Nickel / Ni	मिग/ली. / mg/l	—
33	ज़िंक / Zinc / Zn	मिग/ली. / mg/l	—
34	Total coliform	CFU/100 ml	940

परीक्षण कर्ता हस्ताक्षर / Analysed by..... *Vinay Kumar Singh*
06-11-14

अधिकृत हस्ताक्षरकर्ता / Authorised Signatory *Ushakiran*
06-11-14



प्रयोगशाला अधिकारी / टेक्निशियन, प्रमुख / CEO/T.M.
केन्द्रीय/ Central Lab.

Note: 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory.

S. No.	Parameter	Test Method	Detection range
1	pH	APHA, 4500-H (4-91) 22 nd Ed. 2012	0.1-13.9
2	Turbidity	APHA, 2130B (2-12 to 2-15) 22 nd Ed. 2012	2.0-40.0 NTU
3	Colour	APHA, 2120B (2-6 to 2-6) 22 nd Ed. 2012	1-50 Hazen
4	Conductivity	APHA, 2510B (2-52 to 2-54) 22 nd Ed. 2012	2.0-20,000 µmho/cm
5	Total suspended solids	APHA, 2540D (2-66 to 2-67) 22 nd Ed. 2012	10-20,000 mg/l
6	Total dissolved solids	APHA, 2540C (2-65) 22 nd Ed. 2012	10-20,000 mg/l
7	Total solid	APHA, 2540B (2-64) 22 nd Ed. 2012	2.0-400 mg/l
8	Total Hardness	APHA, 2340 (2-44 to 2-47) 22 nd Ed. 2012	2.0-160 mg/l
9	Calcium Hardness	APHA, 3500-Ca B (3-67 to 3-69) 22 nd Ed. 2012	2.0-100 mg/l
10	Magnesium Hardness	APHA, 3500-Mg B (3-84) 22 nd Ed. 2012	0.2 -100 mg/l
11	Sodium	APHA, 3500-Na B (3-96 to 3-97), 22 nd Ed. 2012	0.2 to 100 mg/l
12	Potassium	APHA, 3500-K B (3-87 to 3-88), 22 nd Ed. 2012	2.0-400 mg/l
13	Chloride	APHA, 4500-Cl B (4-72 to 4-73) 22 nd Ed. 2012	0.1 -1.4 mg/l
14	Fluoride	APHA, 4500-F D (4-87 to 4-88) 22 nd Ed. 2012	2.0-40 mg/l
15	Sulphate	APHA, 4500-SO ₄ ²⁻ E (4-190 to 4-191) 22 nd Ed. 2012	0.01-0.5 mg/l
16	Phosphate-phosphorous	APHA, 4500-P D (4-154 to 4-155) 22 nd Ed. 2012	0.14-1400 mg/l
17	Nitrate -nitrogen (NO ₃ -N)	APHA, 4500-NO ₃ D (4-122 to 4-123) 22 nd Ed. 2012	0.02-0.2 mg/l
18	Nitrite Nitrogen	APHA 4500-NO ₂ B (4-120 to 121), 22 nd Ed. 2012	1.0-50 mg/l
19	Ammonical nitrogen	APHA, 4500-NH ₃ F (4-115), 22 nd Ed. 2012	2.0-400 mg/l
20	Alkalinity	APHA, 2320 A,B (2-34 to 2-36), 22 nd Ed. 2012	0.2-20.0 mg/l
21	Dissolved Oxygen	APHA, 4500-O C (4-137 to 4-140) 22 nd Ed. 2012	> 30 mg/l
22	B.O.D	IS 3025 (Part 44) : 1993	> 50 mg/l
23	C.O.D.	APHA, 5220 B (5-16 to 5-18) 22 nd Ed. 2012	0.10-1.0 mg/l
24	Chromium (hexavalent)	APHA, 3500-Cr B (3-69 to 3-70) 22 nd Ed. 2012	0.2-10 mg/l
25	Chromium Total	APHA, 3111-D (3-18 to 3-20) 22 nd Ed. 2012	0.04-10.0 mg/l
26	Copper	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
27	Cadmium	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	1-20 mg/l
28	Lead	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.12-15.0 mg/l
29	Iron	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.06-20.0 mg/l
30	Nickel	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l
31	Zinc	APHA, 3111-B (3-18 to 3-20) 22 nd Ed. 2012	0.05-2.0 mg/l



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IN THE HON'BLE HIGHCOURT OF JUDICATURE AT
ALLAHABAD LUCKNOW BENCH LUCKNOW

.....Petitioner

vs.

State of UP & others

..... Opposite Parties

HIGH COURT OF JUDICATURE AT ALLAHABAD



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रिट पिटीशन सं०-791 (एम० बी०) ऑफ 1998 (श्री राजेश कुमार त्रिपाठी बनाम नगर निगम, लखनऊ एवं अन्य) के सम्बन्ध में निरीक्षण/सर्वेक्षण आख्या-

उपरोक्त विषयक के सन्दर्भ में निरीक्षण अधोहस्ताक्षरकर्ताओं द्वारा दिनांक 14.10.2014 को किया गया। उक्त से सम्बन्धित उद्योगों एवं उनमें स्थापित जल प्रदूषण नियन्त्रण व्यवस्था का विस्तृत विवरण निम्नवत् है-

➤ मेसर्स सैफ यीस्ट लि०, औद्योगिक क्षेत्र, सण्डीला, हरदोई-

निरीक्षण के समय श्री जी० आर० साधले (जनरल मैनेजर) उद्योग प्रतिनिधि के रूप में उपस्थित थे। निरीक्षण के समय उद्योग कार्यरत पाया गया। उद्योग द्वारा सोलासेस, यूरिया, फास्फोरस, सल्फ्यूरिक एसिड, सोडा ऐश एवं विटामिन का प्रयोग कर बेकर्स यीस्ट का उत्पादन किया जाता है। उद्योग की उत्पादन क्षमता 100 टन/दिन बेकर्स यीस्ट की है, परन्तु वर्तमान में लगभग 52 टन/दिन की दर से उत्पादन किया जाता है। उद्योग में जल का प्रयोग घरेलू प्रयोग एवं औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धीकरण हेतु उद्योग में सेप्टिक टैंक व सोकपिट की व्यवस्था स्थापित है। उद्योग की उत्पादन प्रक्रिया से प्रदूषणकारी उत्प्रवाह जनित होता है, जिसके शुद्धीकरण हेतु उत्प्रवाह शुद्धीकरण संयंत्र स्थापित है, जिसकी प्रमुख इकाइयां बायोडायजेस्टर, आर० ओ० प्लान्ट, आर० ओ० रिजेक्ट होल्डिंग लैगून, आर० ओ० परमीएट होल्डिंग लैगून हैं। आर० ओ० रिजेक्ट को इन्सीनरेट करने हेतु इन्सीनरेट प्लान्ट स्थापित है, जो निरीक्षण के समय कार्यरत पाया गया।

उद्योग परिसर में कुल 27 लैगून स्थापित है। निरीक्षण के समय किसी लैगून से अथवा परिसर के बाहर उत्प्रवाह का निस्तारण होता हुआ नहीं पाया गया। परिसर के अन्दर से बहने वाली लोनी ड्रेन (बेहटा नाला) सूखा हुआ पाया गया।

➤ मेसर्स वी० आर० एस० फूड्स लि०, प्लॉट नं० सी-5 एवं सी-6 औद्योगिक क्षेत्र, सण्डीला, हरदोई-

निरीक्षण के समय श्री आशुतोष श्रीवास्तव (जनरल मैनेजर) उद्योग प्रतिनिधि के रूप में उपस्थित थे। निरीक्षण के समय उद्योग कार्यरत पाया गया। उद्योग द्वारा सॉ मिलक की प्रॉसेसिंग कर स्किम्ड मिलक पाउडर 25 टन/दिन, घी 17 टन/दिन, बटर 8 टन/दिन एवं मिलक पैकिंग 50 टन/दिन किया जा रहा है। उद्योग की उत्पादन क्षमता 3 लाख लीटर/दिन मिलक प्रॉसेसिंग की है। उद्योग में जल का प्रयोग घरेलू प्रयोग एवं औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धीकरण हेतु उद्योग में सेप्टिक टैंक व सोकपिट की व्यवस्था स्थापित है। उद्योग की उत्पादन प्रक्रिया से प्रदूषणकारी उत्प्रवाह जनित होता है, जिसके शुद्धीकरण हेतु उत्प्रवाह शुद्धीकरण संयंत्र स्थापित है, जिसकी प्रमुख इकाइयां ऑयल एण्ड ग्रीस ट्रेप, इक्वलाइलेशन टैंक (डिफ्यूज्ड एरेशन), एनोरोबिक रिएक्टर, एरेशन टैंक (डिफ्यूज्ड एरेशन), स्लज ड्राइंग बेड्स एवं आर० ओ० प्लान्ट स्थापित हैं। निरीक्षण के समय उद्योग से निस्तारित शुद्धीकृत उत्प्रवाह का नमूना एकत्र कर विश्लेषण हेतु क्षेत्रीय कार्यालय, कानपुर की प्रयोगशाला में जमा करा दिया गया है। विश्लेषण आख्या अपेक्षित है। उद्योग से निस्तारित उत्प्रवाह यू०पी०एस०आई०डी०सी० ड्रेन के माध्यम से लोनी ड्रेन में रेलवे लाइन के पास स्थित पुल के नीचे मिलता है। उक्त स्थल पर नमूना एकत्र कर विश्लेषण हेतु क्षेत्रीय कार्यालय, कानपुर की प्रयोगशाला में जमा करा दिया गया है। विश्लेषण आख्या अपेक्षित है।

.....2/-



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➤ मेसर्स बघौली शुगर एण्ड डिस्टलरी लि० (शुगर यूनिट), ग्राम-बीकापुर, पोस्ट-बघौली, जिला-हरदोई-

निरीक्षण के समय श्री आर०पी० सिंह, चीफ जनरल मैनेजर उद्योग प्रतिनिधि के रूप में उपस्थित थे। उद्योग एक सीजनल चानी उद्योग है। वर्तमान में ऑफ सीजन होने के कारण उद्योग में उत्पादन कार्य बन्द पाया गया। उद्योग द्वारा शुगर केन, लाइम, सल्फर का प्रयोग कर चीनी का उत्पादन किया जाता है। उद्योग की केन क्रसिंग क्षमता 4500 टन/दिन की है। उद्योग में जल का प्रयोग घरेलू प्रयोग एवं औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धीकरण हेतु उद्योग में सेप्टिक टैंक व सोकपिट की व्यवस्था स्थापित है। उद्योग की उत्पादन प्रक्रिया से प्रदूषणकारी उत्प्रवाह जनित होता है, जिसके शुद्धीकरण हेतु उत्प्रवाह शुद्धीकरण संयंत्र स्थापित है, जिसकी प्रमुख इकाइयाँ ऑयल एण्ड ग्रीस ट्रैप, इक्वलाइजेशन टैंक, प्राइमरी क्लेरीफायर, एयरेशन टैंक, सेकेन्ड्री क्लेरीफायर एवं स्लज डाइंग बेड्स हैं। उद्योग द्वारा शुद्धीकृत उत्प्रवाह का निस्तारण नाले के माध्यम से सई नदी में किया जाता है। निरीक्षण के समय किसी प्रकार का औद्योगिक उत्प्रवाह का निस्तारण सई नदी में होते नहीं पाया गया।

लोनी ड्रेन का अपस्ट्रीम (लखनऊ-हरदोई हाइवे) जहाँ पर कम मात्रा में पानी एकत्रित पाया गया एवं बहाव नहीं पाया गया। इसके आगे रहीमाबाद में बेहटा नाला का निरीक्षण किया गया, जहाँ पर पुल के अपस्ट्रीम एवं डाउनस्ट्रीम पर बहाव नहीं पाया गया। निरीक्षण के समय बेहटा नाला सूखा पाया गया। वर्तमान में उक्त उद्योग एवं सण्डीला औद्योगिक क्षेत्र में स्थित अन्य उद्योगों का उत्प्रवाह लोनी नाले के माध्यम से गोमती नदी में मिलने की कोई सम्भावना नहीं है।

आख्या आपके अवलोकनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित।

T-10-14
(फरेश कुमार)
अवर अभियन्ता

16.10.14
(पंकज यादव)
सहा० पर्या० अभियन्ता

~~क्षेत्रीय अधिकारी महोदय~~

Dasan
16.10.2014

CEO-5



Khanna

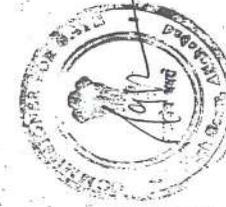
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Regional Office, U.P. Pollution Control Board
B-16, Avas Vikas Colony, Unnao

Summary Chart of Analysis Report of River Gomti from June to September-2014

S. No.	Sampling Point	Sampling Date	Parameters										Remark	
			pH	Colour	Odour	Cond.	T.D.S.	Cloride	BOD	T.H.	Alkarity	D.O.		Temp (°c)
1	U/s Gomti River, Jahanikheda, Hardoi	4-Jun-14	7.18	<10	Odourless	270.0	172	42	2.6	140	236	6.8	31.5	
2	D/S Gomti River, Bhatpur, Hardoi	4-Jun-14	7.04	<10	Odourless	276.0	164	52	2.8	148	224	6.5	32.0	
3	U/s Gomti River, Jahanikheda, Hardoi	7-Jul-14	7.20	Muddy	Odourless	348.2	280	46	3.4	120	176	7.5	30.0	
4	D/S Gomti River, Bhatpur, Hardoi	7-Jul-14	7.60	Muddy	Odourless	380.6	270	48	2.8	152	172	6.9	30.5	
5	U/s Gomti River, Jahanikheda, Hardoi	6-Aug-14	7.06	Muddy	Odourless	308.6	250	42	3.2	138	168	6.2	30.0	
6	D/S Gomti River, Bhatpur, Hardoi	6-Aug-14	7.12	Muddy	Odourless	310.4	260	44	3.0	140	170	5.7	30.0	
7	U/s Gomti River, Jahanikheda, Hardoi	3-Sep-14	7.20	Muddy	Odourless	288.0	137	48	2.6	140	160	6.5	29.0	
8	D/S Gomti River, Bhatpur, Hardoi	3-Sep-14	7.24	Muddy	Odourless	248.0	149	42	2.8	142	172	5.9	30.0	



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UTTAR PRADESH POLLUTION CONTROL BOARD
5243, Sadbhawna Nagar, Awas Vikas Phase-3, Kalyanpur, Kanpur-208 017
Analysis Report of Surface Water

S. No.	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	odour	pH	D.O. mg/L	B.O.D. mg/L	Cond. μ mhos/cm	T.D.S. mg/L	Total Hard. mg/L	Chloride mg/L	Alk. Mg/L
2	Gomati River	U/S Nani Kheeda Hardoi	4/6/2014	31.5	< 10	Odourless	7.18	6.80	2.60	270.0	172	140	42.0	216
3	Gomati River	D/S Bhaijua Hardoi	4/6/2014	32.0	< 10	Odourless	7.04	6.50	2.80	280.0	164	168	32.0	220
3	Garra River	U/s Pali Hardoi	11/6/2014	34.5	20	Odourless	7.10	6.50	2.60	280.0	170	152	46.0	232
4	Garra River	D/s Sandi Hardoi	11/6/2014	34.0	20	Odourless	7.22	6.20	2.80	284.0	174	156	44.0	224
5	Ganga River	After Meeting Garra River Rajghat Hardoi	11/6/2014	35.0	20	Odourless	7.30	7.20	3.20	322.0	204	160	30.0	212
6	Ganga River	U/s Shuklaganj Unnao	11/6/2014	35.0	< 10	Odourless	7.18	7.90	2.80	280.0	176	164	32.0	184
7	Ganga River	D/s Shuklaganj Unnao	11/6/2014	35.0	< 10	Odourless	7.20	7.30	3.00	284.0	178	208	28.0	176
8	Ganga River	U/s Shuklaganj Unnao	25-06-2014	31.0	< 10	Odourless	7.12	8.20	2.60	274.0	160	164	32.0	164
9	Ganga River	D/s Shuklaganj Unnao	25-06-2014	31.0	< 10	Odourless	7.28	7.70	2.80	288.0	164	172	34.0	168
10	Ganga River	D/S Near Vill-Majhara Unnao	25-06-2014	32.0	20	Odourless	7.34	7.20	3.00	290.0	170	180	36.0	172
11	Garra River	U/s Pali Hardoi	25-06-2014	31.0	20	Odourless	7.60	6.30	2.40	264.0	190	188	28.0	172
12	Garra River	D/s Sandi Hardoi	25-06-2014	31.5	20	Odourless	7.80	6.00	2.80	290.0	198	192	20.0	184
13	Ganga River	After Meeting Garra River Rajghat Hardoi	25-06-2014	31.0	20	Odourless	7.20	7.70	3.00	320.0	240	232	28.0	180
14	Ganga River	Mishra Colony Ghat Shuklaganj Unnao	26-06-2014	34.0	< 10	Odourless	7.90	7.70	5.00	281.0	188	195	28.0	172
15	Ganga River	Control Ghat Shuklaganj Unnao	26-06-2014	34.0	< 10	Odourless	7.90	7.40	2.80	280.0	180	204	22.0	195
16	Ganga River	Balooghat Shuklaganj Unnao	26-06-2014	34.0	< 10	Odourless	7.80	7.20	2.80	289.0	178	212	24.0	192
17	Garra River	U/S Near Vill-Piperia Shahabad Hardoi	27-06-2014	32.0	20	Odourless	7.40	6.70	3.40	370.0	290	208	26.0	180
18	Garra River	D/S After Meeting Garai Nala Pali Hardoi	27-06-2014	32.5	30	Odourless	7.94	5.00	4.80	394.0	322	216	30.0	184

Scientific Assistant

Assistant Scientific Officer

Regional Officer



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UTTAR PRADESH POLLUTION CONTROL BOARD

5243, Sadbhawna Nagar , Awas Vikas Phase-3 Kalyanpur, Kanpur-208017

Analysis Report of Surface Water

s.no	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	Odour	Ph	D.O. mg/l	B.O.D. Mg/L	Cond Mg/L	T.D.S. mg/L	Total Hard. Mg/L	Chloride mg/L	Alk. Mg/L
1	Gomti River	U/S Jahani kheda Hardoi	4-6-2014	31.5	<10	Odourless	7.18	6.80	2.60	270.0	170	140	42.0	236
2	Gomti River	D/S Bhatpur Hardoi	4-6-2014	32.0	<10	Odourless	7.04	6.50	2.80	276.0	164	148	52.0	224
3	Garra River	U/S Pali Hardoi	11-6-2014	34.5	20	Odourless	7.10	6.50	2.60	280.0	170	152	46.0	232
4	Garra River	D/s Sandi Hardoi	11-6-2014	34.0	20	Odourless	7.22	6.20	2.80	284.0	174	156	44.0	224
5	Ganga River	After Meeting Garra River Raighat Hardoi	11-6-2014	35.0	20	Odourless	7.30	7.20	3.20	322.0	204	160	30.0	212
6	Ganga River	U/S Shuklaganj Unnao.	25-6-2014	35.0	<10	Odourless	7.18	7.90	2.80	280.0	176	164	32.0	184
7	Ganga River	U/S Shuklaganj Unnao.	25-6-2014	35.0	<10	Odourless	7.20	7.30	3.00	284.0	178	208	28.0	176
8	Ganga River	U/S Shuklaganj Unnao.	25-6-2014	31.0	<10	Odourless	7.12	8.20	2.60	274.0	160	164	32.0	164
9	Ganga River	U/S Shuklaganj Unnao.	25-6-2014	31.0	<10	Odourless	7.28	7.70	2.80	288.0	164	172	34.0	168
10	Ganga River	D/S Near Vill-Majhara Unnao	25-6-2014	32.0	20	Odourless	7.34	7.20	3.00	290.0	170	180	36.0	172
11	Garra River	U/S Pali Hardoi	25-6-2014	31.0	20	Odourless	7.60	6.30	2.40	264.0	190	188	28.0	172
12	Garra River	D/s Sandi Hardoi	25-6-2014	31.5	20	Odourless	7.80	6.00	2.80	290.0	198	192	20.0	184
13	Ganga River	After Meeting Garra River Raighat Hardoi	25-6-2014	31.0	20	Odourless	7.20	7.70	3.00	320.0	240	232	28.0	180
14	Ganga River	Mishra Colony Ghat Shuklaganj Hardoi.	26-6-2014	34.0	<10	Odourless	7.90	7.70	3.00	281.0	188	195	28.0	172
15	Ganga River	Control Ghat Shuklaganj Unnao	26-6-2014	34.0	<10	Odourless	7.90	7.40	2.80	280.0	180	204	22.0	196
16	Ganga River	Balooghat Shuklaganj Unnao.	26-6-2014	34.0	<10	Odourless	7.80	7.20	2.80	288.0	178	212	24.0	192
17	Garra River	U/S Near vill-Piperia Shahabad Hardoi.	27-6-2014	32.0	20	Odourless	7.40	6.70	3.40	370.0	290	208	26.0	180
18	Garra River	D/S After Meeting Garai Nala Pali Hardoi.	27-6-2014	32.5	30	Odourless	7.94	5.00	4.80	394.0	322	216	30.0	184

Scientific Assistant

Assistant Scientific Officer

Regional Officer

Ashok Kumar Verma

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Kumar
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UTTAR PRADESH POLLUTION CONTROL BOARD
5243, Sadbhawna Nagar, Awasth Vikas Phase-3, Kalyanpur, Kanpur-208 017
Analysis Report of Surface Water for the Month of July 2014

S. No.	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	odour	pH	D.O. mg/L	B.O.D. mg/L	Cond. μ mhos/cm	T.D.S. mg/L	Total Hard. mg/L	Chloride mg/L	Alk. Mg/t
1	Gomati River	U/s Jahanabad Hardoi	17/7/2014	30.0	Muddy	Odourless	7.20	7.50	3.40	318.0	280	220	46.0	174
2	Gomati River	D/s Bhatpur Hardoi	17/7/2014	30.0	Muddy	Odourless	7.60	6.90	2.80	380.6	270	192	48.0	172
3	Garra River	U/s Pali Hardoi	16/7/2014	30.0	Muddy	Odourless	8.10	6.20	3.20	366.4	260	144	50.0	176
4	Garra River	D/s Sandi Hardoi	16/7/2014	30.0	Muddy	Odourless	7.90	5.90	3.20	370.2	250	132	44.0	184
5	Ganga River	After Meeting Garra River Rajghat Hardoi	16/7/2014	30.5	Muddy	Odourless	7.80	7.70	2.60	320.8	258	148	52.0	180
6	Ganga River	U/s Shuklaganj Unnao	16/7/2014	32.0	Muddy	Odourless	7.04	7.60	2.80	310.2	290	160	54.0	172
7	Ganga River	D/s Shuklaganj Unnao	16/7/2014	32.0	Muddy	Odourless	7.12	7.00	2.80	314.4	294	156	56.0	188
8	Ganga River	U/S Near Vill-Majhara Unnao	21/7/2014	32.0	Muddy	Odourless	7.20	7.40	3.00	312.8	290	164	54.0	180
9	Ganga River	D/S Near Vill-Majhara Unnao	21/7/2014	32.0	Muddy	Odourless	7.18	7.00	3.20	312.6	298	172	62.0	168
10	Ganga River	U/s Shuklaganj Unnao	23/7/2014	30.0	Muddy	Odourless	7.50	7.70	2.60	304.4	290	164	60.0	188
11	Ganga River	D/s Shuklaganj Unnao	23/7/2014	30.0	Muddy	Odourless	7.40	7.10	2.80	308.2	280	204	64.0	200
12	Garra River	U/s Pali Hardoi	23/7/2014	29.0	Muddy	Odourless	7.60	5.80	3.20	306.4	294	188	66.0	196
13	Garra River	D/s Sandi Hardoi	23/7/2014	29.5	Muddy	Odourless	7.90	5.40	3.20	304.8	290	192	70.0	192
14	Ganga River	After Meeting Garra River Rajghat Hardoi	23/7/2014	29.0	Muddy	Odourless	8.30	7.30	3.40	302.4	298	200	74.0	188
15	Loni River	Near Vill-Bihar, Unnao-Raibareilly Road Unnao	24/7/2014	30.0	Muddy	Odourless	7.14	4.20	2.60	562.1	310.6	72	66.0	188
16	Loni River	At Bhatrampur Checkdam, Distt-Raibareilly	24/7/2014	30.0	Muddy	Odourless	7.16	5.60	2.60	348.6	193.1	60	38.0	132

Scientific Assistant

Assistant Scientific Officer

Regional Officer





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UTTAR PRADESH POLLUTION CONTROL BOARD

5243, Sadbhawna Nagar, Awasth Vikas Phase-3 Kalyanpur, Kanpur-208 017

Analysis Report of Surface water for the month of July 2014.

s.no	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	Odour	Ph	D.O. mg/l	B.O.D. Mg/L	Cond μ mhos/c	T.D.S. mg/L	Total Hard. Mg/L	Chloride mg/L	Alk. Mg/L
1	Gomti River	U/S Jahani kheda Hardoi	7-7-2014	30.0	Muddy	odourless	7.20	7.50	3.40	348.2	280	120	46.0	176
2	Gomti River	D/S Bhatpur Hardoi	7-7-2014	30.5	Muddy	odourless	7.60	6.90	2.80	380.6	270	152	48.0	172
3	Garra River	U/S Pali Hardoi	16-7-2014	30.0	Muddy	odourless	8.10	6.20	3.20	366.4	260	144	50.0	176
4	Garra River	D/s Sandi Hardoi	16-7-2014	30.0	Muddy	odourless	7.90	5.90	3.20	370.2	250	132	44.0	184
5	Ganga River	After Meeting Garra River Rajghat Hardoi	16-7-2014	30.0	Muddy	odourless	7.80	7.70	2.60	320.8	258	148	52.0	180
6	Ganga River	U/S Shuklaganj Unnao.	16-7-2014	32.0	Muddy	odourless	7.04	7.60	2.80	310.2	290	160	54.0	172
7	Ganga River	D/S Shuklaganj Unnao.	16-7-2014	32.0	Muddy	odourless	7.12	7.00	2.80	314.4	294	156	56.0	188
8	Ganga River	U/S Near Vill-Majhara Unnao	21-7-2014	32.0	Muddy	odourless	7.20	7.40	3.00	312.8	290	164	54.0	180
9	Ganga River	D/S Near Vill-Majhara Unnao	21-7-2014	32.0	Muddy	odourless	7.18	7.00	3.20	312.6	298	172	62.0	168
10	Ganga River	U/S Shuklaganj Unnao.	23-7-2014	30.0	Muddy	odourless	7.50	7.70	2.60	304.4	290	164	60.0	188
11	Ganga River	D/S Shuklaganj Unnao.	23-7-2014	30.0	Muddy	odourless	7.40	7.10	2.80	308.2	280	204	64.0	200
12	Garra River	U/S Pali Hardoi	23-7-2014	29.0	Muddy	odourless	7.60	5.80	3.20	306.4	294	188	66.0	196
13	Garra River	D/s Sandi Hardoi	23-7-2014	29.5	Muddy	odourless	7.90	5.40	3.20	304.8	290	192	70.0	192
14	Ganga River	After Meeting Garra River Rajghat Hardoi	23-7-2014	29.0	Muddy	odourless	8.30	7.30	3.40	302.4	298	200	74.0	188
15	Loni River	Near vill Bihar Unnao, Raibareilly	24-7-2014	30.0	Muddy	odourless	7.14	4.20	2.60	562.1	310.5	72	66.0	188
16	Loni River	At Bheliranpur checkdam, District- Raibareilly	24-7-2014	30.0	Muddy	odourless	7.16	5.60	2.60	348.6	193.1	60	38.0	132

Scientific Assistant

Assistant Scientific Officer

Regional Officer

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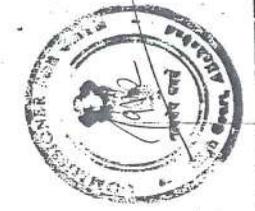
UTTAR PRADESH POLLUTION CONTROL BOARD
5243, Sadbhawna Nagar, Awas Vikas Phase-3, Kalyanpur, Kanpur-208 017
Analysis Report of Surface Water for the Month of August 2014.

S. No.	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	odour	pH	D.O. mg/L	B.O.D. mg/L	Condt. μ mhos/cm	T.D.S. mg/L	Total Hard. mg/L	Chloride mg/L	Alk. Mg/L
1	Ganga River	D/S Sandi Hardoi	07/08/2014	30.0	Muddy	Odourless	7.08	5.20	3.20	308.0	250	128	82.0	168
2	Ganga River	D/S Raibareilly Hardoi	07/08/2014	30.0	Muddy	Odourless	7.23	5.70	3.00	310.0	260	150	84.0	170
3	Ganga River	U/S Pali Hardoi	13/8/2014	32.0	Muddy	Odourless	7.82	5.90	3.40	304.6	258	150	85.0	172
4	Ganga River	D/S Sandi Hardoi	13/8/2014	32.0	Muddy	Odourless	7.90	5.60	3.60	321.0	300	152	88.0	175
5	Ganga River	After Meeting Garra River Rajghat Hardoi	13-08-2014	31.5	Muddy	Odourless	7.40	5.80	2.80	318.6	310	148	82.0	184
6	Ganga River	U/S Shuklaganj Unnao	12-08-2014	32.0	Muddy	Odourless	7.20	6.50	2.60	310.0	260	156	80.0	180
7	Ganga River	U/S Shuklaganj Unnao	12-08-2014	32.0	Muddy	Odourless	7.30	6.20	2.80	320.0	280	160	81.0	180
8	Ganga River	U/S Pali Hardoi	27-08-2014	31.0	Muddy	Odourless	8.10	5.90	3.20	308.0	268	164	80.0	188
9	Ganga River	D/S Sandi Hardoi	27-08-2014	31.0	Muddy	Odourless	8.14	5.60	3.40	309.0	270	172	81.0	196
10	Ganga River	After Meeting Garra River Rajghat Hardoi	27-08-2014	31.0	Muddy	Odourless	7.08	7.00	3.10	310.0	264	160	84.0	200
11	Ganga River	U/S Shuklaganj Unnao	27-08-2014	32.0	Muddy	Odourless	7.12	6.60	2.60	310.0	270	160	80.0	188
12	Ganga River	U/S Shuklaganj Unnao	27-08-2014	32.0	Muddy	Odourless	7.20	6.20	2.80	320.0	280	162	80.0	192

Scientific Assistant

Assistant Scientific Officer

Regional Officer



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UTTAR PRADESH POLLUTION CONTROL BOARD



5243, Sadbhawna Nagar, Awasthi Vikas Phase-3 Kalyanpur, Kanpur-208 017

Analysis Report of Surface Water for the Month of August 2014

s.no	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	Odour	Ph	D.O. mg/l	B.O.D. Mg/L	Cond μ mhos/cm	T.D.S. mg/L	Total Hard. Mg/L	Chloride mg/L	Alk. Mg/L
1	Gomti River	U/S Jahani kheda Hardoi	6-8-2014	30.0	Muddy	Odourless	7.06	6.20	3.20	308.6	250	138	42.0	168
2	Gomti River	D/S Bhatpur Hardoi	6-8-2014	30.0	Muddy	Odourless	7.12	5.7	3.00	310.4	260	140	44.0	170
3	Garra River	U/S Pali Hardoi	13-8-2014	32.0	Muddy	Odourless	7.82	5.90	3.40	304.6	258	150	46.0	172
4	Garra River	D/s Sandi Hardoi	13-8-2014	31.5	Muddy	Odourless	7.30	5.60	3.60	323.0	300	150	48.0	176
5	Ganga River	After Meeting Garra River Rajghat Hardoi	13-8-2014	32.0	Muddy	Odourless	7.40	5.80	2.80	318.6	310	148	52.0	184
6	Ganga River	U/S Shuklaganj Unnao.	13-8-2014	32.0	Muddy	Odourless	7.20	6.50	2.60	310.4	260	156	50.0	180
7	Ganga River	D/S Shuklaganj Unnao.	13-8-2014	31.0	Muddy	Odourless	7.30	6.20	2.80	320.0	280	160	48.0	180
8	Garra River	D/S Pali Hardoi	27-8-2014	31.0	Muddy	Odourless	8.10	5.90	3.20	300.0	268	164	60.0	188
9	Garra River	D/s Sandi Hardoi	27-8-2014	31.0	Muddy	Odourless	8.14	5.60	3.40	308.0	270	172	62.0	196
10	Ganga River	After Meeting Garra River Rajghat Hardoi	27-8-2014	31.0	Muddy	Odourless	7.08	7.00	3.10	310.0	264	160	64.0	200
11	Ganga River	U/S Shuklaganj Unnao.	27-8-2014	32.0	Muddy	Odourless	7.12	6.60	2.60	310.0	270	160	66.0	188
12	Ganga River	D/S Shuklaganj Unnao.	27-8-2014	32.0	Muddy	Odourless	7.20	6.20	2.80	312.0	280	168	60.0	152

Scientific Assistant

Assistant Scientific Officer

Regional Officer

Ashok Kumar Verma
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REGIONAL OFFICE
 UTTAR PRADESH POLLUTION CONTROL BOARD
 S243, Sadbhawna Nagar, Awas Vikas Phase-3, Kalyanpur, Kanpur-208 017
 Analysis Report of Surface Water for the Month of September 2014

No.	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	odour	pH	D.O. mg/l	B.O.D. mg/l	Cond. µ mhos/cm	T.D.S. mg/L	Total Hard. mg/L	Chloride mg/l	Alk. Mg/L
1	Ganga River	U/S Shuklaganj Dinoo	15/9/2014	30.0	Colourless	odourless	7.34	7.30	2.80	270.0	338	128	46	184.0
2	Ganga River	U/S Shuklaganj Dinoo	27/9/2014	30.0	Colourless	odourless	7.30	8.30	2.70	200.0	144	114	40	148.0
3	Ganga River	U/S Shuklaganj Dinoo	29/9/2014	30.0	Colourless	odourless	7.24	8.50	2.80	270.0	338	128	46	184.0
4	Ganga River	U/S Shuklaganj Dinoo	30/9/2014	30.0	Colourless	odourless	7.24	8.50	2.80	270.0	338	128	46	184.0
5	Ganga River	U/S Shuklaganj Dinoo	01/10/2014	30.0	Colourless	odourless	7.24	8.50	2.80	270.0	338	128	46	184.0
6	Ganga River	U/S Shuklaganj Dinoo	02/10/2014	30.0	Colourless	odourless	7.24	8.50	2.80	270.0	338	128	46	184.0
7	Ganga River	U/S Pali Road	10/9/2014	31.0	Colourless	odourless	7.50	7.50	2.80	270.0	338	128	50	145.0
8	Ganga River	U/S Nandi Market	19/9/2014	31.0	Colourless	odourless	7.50	7.10	2.80	270.0	338	128	34	180.0
9	Ganga River	U/S Nandi Market	19/9/2014	31.0	Colourless	odourless	7.50	6.90	2.80	270.0	338	128	58	180.0
10	Ganga River	After Meeting Ganga River Rajghat Haridwar	10/9/2014	30.0	Colourless	odourless	7.30	7.80	2.80	244.0	186	148	56	188.0
11	Ganga River	U/S Shuklaganj Dinoo	10/9/2014	31.0	Colourless	odourless	7.20	7.40	2.80	278.0	183	150	54	182.0
12	Ganga River	U/S Shuklaganj Dinoo	10/9/2014	31.0	Colourless	odourless	7.40	6.90	2.80	260.0	148	152	58	188.0
13	Ganga River	U/S Shuklaganj Dinoo	10/9/2014	30.0	Colourless	odourless	7.46	7.30	2.80	270.0	198	148	58	188.0
14	Ganga River	U/S Shuklaganj Dinoo	10/9/2014	30.0	Colourless	odourless	7.08	6.80	2.80	240.0	137	148	42	188.0
15	Ganga River	U/S Shuklaganj Dinoo	24/9/2014	30.0	Colourless	odourless	7.12	7.30	2.70	254.0	162	140	44	173.0
16	Ganga River	U/S Shuklaganj Dinoo	24/9/2014	30.0	Colourless	odourless	7.20	7.00	2.70	246.0	162	140	40	178.0
17	Ganga River	After Meeting Ganga River Rajghat Haridwar	24/9/2014	30.0	Colourless	odourless	7.24	8.10	2.80	250.0	158	158	40	180.0

Scientific Assistant

Assistant Scientific Officer

Regional Officer



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UTTAR PRADESH POLLUTION CONTROL BOARD

5243, Sadbhawna Nagar, Awasth Vikas Phase-3 Kalyanpur, Kanpur-208 017

Analysis Report of Surface Water for the Month of August 2014

s.no	Name of Rivers	Sampling Point	Date of Sampling	Temp	Colour	Odour	Ph	D.O. mg/l	B.O.D. Mg/L	Cond μ mhos/cm	T.D.S. mg/L	Total Hard. Mg/L	Chloride mg/L	Alk. Mg/L
1	Ganga River	U/S Shuklaganj Unnao.	1-9-2014	30.0	colourless	odourless	7.24	7.30	2.80	230.0	138	128	44	144.0
2	Ganga River	D/S Shuklaganj Unnao.	1-9-2014	30.0	colourless	odourless	7.30	6.90	3.00	220.0	144	132	45	148.0
3	Gomti River	Jahani kheda Hardoi	3-9-2014	29.0	colourless	odourless	7.20	6.50	2.6	288.0	137	140	46	169.0
4	Gomti River	Bhatpur Hardoi	3-9-2014	30.0	Muddy	odourless	7.24	5.9	2.8	248.0	149	142	42	172
5	Gomti River	D/S Bhatpur Hardoi	5-9-2014	31.0	colourless	odourless	7.40	7.00	2.80	262.0	158	148	50	140.0
6	Garra River	U/S Pali Hardoi	10-9-2014	31.0	colourless	odourless	7.60	7.10	3.20	250.0	150	160	54	150.0
7	Garra River	D/s Sandi Hardoi	10-9-2014	31.0	colourless	odourless	7.40	6.90	3.00	242.0	148	160	58	180.0
8	Ganga River	After Meeting Garra River Rajghat Hardoi	10-9-2014	30.0	colourless	odourless	7.30	7.80	2.80	244.0	146	148	56	188.0
9	Ganga River	U/S Shuklaganj Unnao.	10-9-2014	31.0	colourless	odourless	7.20	7.40	2.80	238.0	143	150	54	192.0
10	Ganga River	D/S Shuklaganj Unnao.	10-9-2014	31.0	colourless	odourless	7.40	6.90	2.80	240.0	144	152	68	186.0
11	Ganga River	U/S Shuklaganj Unnao.	24-9-2014	30.0	colourless	odourless	7.06	7.30	2.00	230.0	138	148	78	184.0
12	Ganga River	D/S Shuklaganj Unnao.	24-9-2014	30.0	colourless	odourless	7.08	6.80	2.86	338.0	137	152	42	188.0
13	Garra River	U/S Pali Hardoi	24-9-2014	30.0	colourless	odourless	7.12	7.30	3.00	244.0	147	160	44	172.0
14	Garra River	D/s Sandi Hardoi	24-9-2014	30.0	colourless	odourless	7.20	7.00	3.20	248.0	149	162	50	178.0
15	Ganga River	After Meeting Garra River Rajghat Hardoi	24-9-2014	29.5	colourless	odourless	7.24	8.10	2.80	250.0	150	162	40	180.0

Scientific Assistant

Assistant Scientific Officer

Regional Officer

Ashok Kumar Verma
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Ashok Kumar Verma
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ANNEXURE - CA-7

क्षेत्रीय कार्यालय, उ० प्र० प्रदूषण नियन्त्रण बोर्ड, रायबरेली।

मे० इण्डोगल्फ फर्टिलाइजर्स लि०- उद्योग औद्योगिक क्षेत्र जगदीशपुर, अमेठी (सुल्तानपुर) में नवम्बर 1988 से कार्यरत है। उद्योग द्वारा कच्चे माल के रूप में नेचुरल गैस एवम् नेथा तथा विभिन्न प्रकार के रसायन का प्रयोग करके यूरिया का उत्पादन किया जाता है। उद्योग की उत्पादन क्षमता 3100 मीट्रिक टन प्रतिदिन है उद्योग में जल का प्रयोग घरेलू प्रयोजन एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धिकरण हेतु आक्सीडेशन पाण्ड स्थापित है। औद्योगिक प्रयोजन से प्रदूषण कारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु ई० टी० पी० स्थापित है। उद्योग से प्रतिदिन लगभग 16800 किलोलीटर उत्प्रवाह निस्तारित होता है जो कठौरा डेन एवम् कादू नाले के माध्यम से लगभग 25 किमी० की दूरी तय कर अन्तत गोमती नदी में मिलता है। उद्योग का निरीक्षण इस कार्यालय द्वारा दिनांक 30.08.14 को किया गया है। निरीक्षण के समय एकत्र किये गये नमूने में प्रचालकों की मात्रा बोर्ड मानकों के अनुरूप पायी गयी है।

2 मे० बी० एच० ई० एल०- उद्योग औद्योगिक क्षेत्र जगदीशपुर, अमेठी (सुल्तानपुर) में वर्ष 1984 से कार्यरत है उद्योग में कच्चे माल के रूप में क्वार्टज, फेल्डस्पार, पायरोलाइट मिट्टी, डोलोमाइट इत्यादि का प्रयोग करके डिस्क इन्सुलेटर पांच हजार मीट्रिक टन प्रतिवर्ष एवम् सिरिलिन टाइल्स चार सौ मीट्रिक टन प्रति वर्ष का उत्पादन किया जाता है। उद्योग में जल का प्रयोग घरेलू एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धिकरण हेतु आक्सीडेशन पाण्ड स्थापित है। औद्योगिक प्रयोजन से प्रदूषणकारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु ई० टी० पी० स्थापित है। उद्योग से प्रतिदिन लगभग सात सौ किलोलीटर उत्प्रवाह निस्तारित होता है। जो कठौरा डेन एवम् कादू नाले के माध्यम से लगभग 25 किमी० की दूरी तय कर अन्तत गोमती नदी में मिलता है उद्योग का निरीक्षण इस कार्यालय द्वारा दि०-23.09.2014 को किया गया। निरीक्षण के समय एकत्र किये गये नमूने में प्रचालकों की मात्रा बोर्ड के मानकों के अनुरूप पाई गयी है।

3- मे० वेस्ट इण्डिया पावर इक्यूपमेण्ट प्रा० लि०, उद्योग औद्योगिक क्षेत्र, जगदीशपुर, अमेठी (सुल्तानपुर) में वर्ष 1987 से कार्यरत है। उद्योग में कच्चे माल के रूप में सी० आर० स्ट्रिप रबर पालिर्मस, रबर रसायन, नायलान पालिर्मस, पाउडर पेन्ट्स इत्यादि का प्रयोग करके वाइपर आर्मस एण्ड ब्लेड सेट 3800 प्रतिदिन, वाइपर मोटर लिकेज असेम्बली दो सौ प्रतिदिन, रबर पार्ट्स 9600 प्रतिदिन, प्लास्टिक पार्ट्स 1900 प्रतिदिन, स्टार्टर असेम्बली दो सौ प्रतिदिन वाश फ्लड दो सौ प्रतिदिन का उत्पादन किया जाता है। उद्योग में जल का प्रयोग घरेलू एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धिकरण हेतु सेप्टिक टैंक /सोकपिट स्थापित है। औद्योगिक प्रयोजन से प्रदूषणकारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु ई० टी० पी० स्थापित है। जिसकी प्रमुख इकाइयां इक्वलाइजेशन टैंक,रियेक्शन टैंक, रसायन डोजिंग टैंक, सेटलिंग टैंक तथा स्लज ड्राइंग बेड्स है। उद्योग से प्रतिदिन लगभग साठ किलोलीटर उत्प्रवाह निस्तारित होता है जो कठौरा डेन एवम् कादू नाले के माध्यम से लगभग 25 किमी० की दूरी तय कर अन्तत गोमती नदी में मिलता है उद्योग का निरीक्षण इस कार्यालय द्वारा दिनांक-30.08.14 को किया गया है। निरीक्षण के समय एकत्र किये गये नमूने में प्रचालकों की मात्रा बोर्ड के मानकों के अनुरूप पाई गयी है।

4 मे० एग्रो पेपर मोल्ड्स लि०- उद्योग औद्योगिक क्षेत्र जगदीशपुर अमेठी (सुल्तानपुर) के प्लॉट सं० ए-5 सेक्टर-14 सेक्टर में 04, सितम्बर 1985 से स्थापित है। उद्योग एक पेपर उद्योग है। कच्चे माल के रूप में वेस्ट पेपर रोजिन एवम् कास्टिक इत्यादि का प्रयोग करके राइटिंग एवम् प्रिंटिंग पेपर का उत्पादन किया जाता है। उद्योग की उत्पादन क्षमता 4500 मीट्रिक टन प्रति वर्ष है। उद्योग में जल का प्रयोग घरेलू प्रयोजन एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोग से जनित उत्प्रवाह के शुद्धिकरण हेतु सेप्टिक टैंक /सोकपिट की व्यवस्था स्थापित है। औद्योगिक

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प्रयोजन से प्रदूषणकारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु उद्योग में ई0 टी0 पी0 स्थापित है। जिसकी प्रमुख इकाइयां इक्वालाइजेशन टैंक, प्राइमरी क्लेरीफायर, ऐरेशन टैंक, सेकेण्डरी क्लेरीफायर, पालिशिंग पाण्ड एवम् स्लज डाइंग बेड्स है। उद्योग से प्रतिदिन लगभग 2250 किलोलीटर उत्प्रवाह पूर्व में निस्तारित होता था जो कि कठौरा डेन एवम् कादू नाले के माध्यम से लगभग 25 किमी0 की दूरी तय कर अन्तत गोमती नदी में मिलता था। उद्योग का संचालन वर्ष 2008 से बंद है।

5 मे0 किसान सहकारी चीनी मिल्स लि0- उद्योग सुल्तानपुर में वर्ष 1984 से कार्यरत है। उद्योग में कच्चे माल के रूप में गन्ने का प्रयोग करके चीनी का उत्पादन किया जाता है। उद्योग की गन्ना पेराई क्षमता 1250 मिटिक टन प्रतिदिन है। उद्योग में जल का प्रयोग घरेलू प्रयोजन एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धिकरण हेतु सेप्टिक टैंक सोकपिट स्थापित है। औद्योगिक प्रयोजन से प्रदूषणकारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु ई0 टी0 पी0 स्थापित है। जिसकी प्रमुख इकाइयां आयल एण्ड ग्रीस टैप, इक्वालाइजेशन टैंक, ऐरेशन टैंक, सेकेण्डरी क्लेरीफायर एवम् स्लज डाइंग बेड्स है। उद्योग से प्रतिदिन लगभग 500 किलोमीटर उत्प्रवाह निस्तारित होता है। जो नाले के माध्यम से लगभग 5 किमी0 की दूरी तयकर अन्तत गोमती नदी में मिलता है। उद्योग का निरीक्षण इस कार्यालय द्वारा दिनांक-19.03.2014 को किया गया है। निरीक्षण के समय उद्योग से जनित उत्प्रवाह के नमूने में प्रचालकों की मात्रा बोर्ड मानकों के अनुरूप पायी गयी है। वर्तमान में उद्योग ऑफ सीजन के कारण बन्द है।

6 मे0 सुल्तानपुर दूध उत्पादक सहकारी संघ लि0- उद्योग अमहट, सुल्तानपुर में वर्ष 1997 से कार्यरत है। उद्योग में कच्चे दूध की प्रासेसिंग करके घी, पनीर, चिल्ड मिल्क इत्यादि का उत्पादन किया जाता है। उद्योग की मिल्क प्रासेसिंग क्षमता बीस हजार ली0 प्रतिदिन है। उद्योग में जल का प्रयोग घरेलू प्रयोजन एवम् औद्योगिक प्रयोजन हेतु किया जाता है। घरेलू प्रयोजन से जनित उत्प्रवाह के शुद्धिकरण हेतु सेप्टिक टैंक सोकपिट स्थापित है। औद्योगिक प्रयोजन से प्रदूषणकारी प्रकृति का उत्प्रवाह जनित होता है। जिसके शुद्धिकरण हेतु ई0 टी0 पी0 स्थापित है। जिसकी प्रमुख इकाइयां आयल एण्ड ग्रीस टैप, इक्वालाइजेशन टैंक, प्राइमरी क्लेरीफायर, सेकेण्डरी क्लेरीफायर, ऐरेशन टैंक एवम् स्लज डाइंग बेड्स हैं। उद्योग से प्रतिदिन लगभग 90 किलोमीटर उत्प्रवाह निस्तारित होता है। जो गभडिया नाले से लगभग सात किमी0 की दूरी तय कर अन्तत गोमती नदी में मिलता है। उद्योग का निरीक्षण इस कार्यालय द्वारा दिनांक-20.02.2014 को किया गया है। निरीक्षण के समय एकत्र किये गये नमूने में प्रचालकों की मात्रा बोर्ड के मानकों के अनुरूप नहीं पाई गयी है।

(J.K.)

(S.A.)

(A.S.O.)

Khanna



HIGH COURT OF JUDICATURE AT ALLAHABAD

क्षेत्रीय कार्यालय,
उ० प्र० प्रदूषण नियन्त्रण बोर्ड,
रायबरेली।

क्रम संख्या	उद्योग का नाम व पता	उत्पाद	जल प्रदूषण नियन्त्रण की व्यवस्था	नवीनतम निरीक्षण दिनांक	शुद्धिकृत उत्सर्ग की गुणता				नदी नाला जिसमें उत्सर्ग निस्सारित होता है अथवा अन्तिम निस्सारण बिन्दु
					पी० एच० 6.50 से 8.50	बी० ओ० डी० 30 मिग्रा/ली०	सी० ओ० डी० 250 मिग्रा/ली०	निलम्बित ठोस 100 मिग्रा/ली०	
1	मे० इण्डोगर्ल्क फर्टिलाइजर्स लि०, जगदीशपुर, अमेठी। आउटलेट आफ गार्ड पाण्ड (ई० टी० पी०)	यूरिया	ई० टी० पी० स्थापित	30.08.2014	7.54	14	178	72	गोपती नदी
2	मे० बी० एच० ई० एल० जगदीशपुर, अमेठी। आउटलेट आफ ई० टी० पी०	सिरेलिंगटाइल्स इन्सुलेटर पिन एण्ड कैप	ई० टी० पी० स्थापित	23.09.2014	7.78	17	198	76	गोपती नदी
3	मे० वी वेस्ट इण्डिया पावर इक्विपमेण्ट प्रा० लि०, जगदीशपुर, अमेठी। आउटलेट आफ ई० टी० पी०	वाइपर ब्लेड एवम् रबर प्रोडक्ट	ई० टी० पी० स्थापित	30.08.2014	7.09	15	238	86	गोपती नदी
4	मे० एग्री पेपर मोल्ड, जगदीशपुर, अमेठी।	राइडिंग एवम् प्रिंटिंग पेपर	ई० टी० पी० स्थापित	उद्योग का संचालन वर्ष 2008 से बंद है।					गोपती नदी
5	किसान सहकारी चीनी मिल, सुल्तानपुर। आउटलेट आफ ई० टी० पी०	चीनी	ई० टी० पी० स्थापित	19.03.2014	7.79	27	246	28	गोपती नदी
6	मे० दुग्ध उत्पादक सहकारी संघ लि० सुल्तानपुर। आउटलेट आफ ई० टी० पी०	मिल्क चिलिंग	ई० टी० पी० स्थापित	20.02.2014	8.48	144	382	164	गोपती नदी



(76)

(S.A.)

(A.S.O.)

(77)

क्षेत्रीय कार्यालय,
उ० प्र० प्रदूषण नियंत्रण बोर्ड,
रायबरेली।

माह अगस्त2014

सतही जन श्रेत का नाम	नयून एकत्र बिन्दु	दिनांक	पी० एच०	डी० ओ० mg/l	बी० ओ० डी० mg/l	सी०ओ० डी० mg/l	क्लोराइड mg/l.	कण्डक्टिविटी nmho/cm	एलकालिनिटी mg/l.	हार्डनेस mg/l.	टोटल कोलीफॉर्म MPN/100 ml
गोमती नदी एट आम घाट, जयदीपपुर अमिही	आमघाट	07/8/14	7.68	6.2	4.2	27.20	24.14	0.231	150	152	7600
गोमती नदी एट इस्तीली, अमिही	इस्तीली	07/8/14	7.71	6.1	4.3	27.52	25.56	0.242	160	154	7900
गोमती नदी एट करोदीकला, सुल्तानपुर	करोदीकला	07/8/14	7.69	6.10	4.20	26.88	25.56	0.238	155	150	7700
गोमती नदी एट झाउन स्ट्रीम, सुल्तानपुर	निकटबाईपास बिज	07/8/14	7.77	5.80	4.50	28.16	26.98	0.246	170	158	8600



वैज्ञानिक सहायक

सहायक वैज्ञानिक अधिकारी
डा० सु० के० सिंह
सहायक वैज्ञानिक अधिकारी
उ० प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

क्षेत्रीय अधिकारी
09/08/14
उ० प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

क्षेत्रीय कार्यालय,
उ० प्र० प्रदूषण नियंत्रण बोर्ड,
रायबरेली।

माह: सितम्बर.....2014

सतती जल स्रोत का नाम	नमूना एकत्रण बिन्दु	दिनांक	पी० एच०	डी० ओ० mg/l	बी० ओ० mg/l	सी०ओ० डी० mg/l	क्लोराइड mg/l	फण्डबटीविटी nmho/cm	रलकलिमिटी mg/l	हार्डनेस mg/l	टोटल कोलीफार्म MPN/100 ml
गोमती नदी एट आम घाट, जगदीशपुर, अमैली	आमघाट	10/9/14	7.63	6.5	4.0	26.88	25.56	0.288	150	142	7800
गोमती नदी एट इत्तौली	इत्तौली	10/9/14	7.65	6.4	4.1	27.52	26.98	0.233	155	144	7700
गोमती नदी एट कसोदीकला, सुल्तानपुर	कसोदीकला	10/9/14	7.62	6.40	4.10	27.20	24.14	0.231	150	144	7900
गोमती नदी एट डाउन स्ट्रीम, सुल्तानपुर	निकटबाईयास मिज	10/9/14	7.68	6.10	4.00	28.64	25.56	0.239	160	148	8800

वैज्ञानिक सहायक

डा० ए० के० सिंह
सहायक वैज्ञानिक अधिकारी
उ० प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

क्षेत्रीय अधिकारी

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क्षेत्रीय कार्यालय,
उ० प्र० प्रदूषण नियंत्रण बोर्ड,
रायबरेली।

माह..सितम्बर.....2014

सतही जन घात का नाम	नमूना एकत्रण बिन्दु	दिनांक	बी० एच०	डी० ओ०	बी० ओ०	सी०ओ०	बल्लराइड	मण्डकटीगिटी	एस्कसिनिटी	हार्डनेस	टोटल कोलोफार्म
			mg/l	mg/l	mg/l	mg/l	mg/l	mmho/cm	mg/l	mg/l	MPN/100 ml
गोमती नदी एट आग घाट, जगदीशपुर, अमे	आगघाट	10/9/14	7.63	6.5	4.0	26.88	25.56	0.288	150	142	7800
गोमती नदी एट इस्ली	इस्ली	10/9/14	7.65	6.4	4.1	27.52	26.98	0.233	155	144	7700
गोमती नदी एट करोदीकला, सुल्तानपुर	करोदीकला	10/9/14	7.62	6.40	4.10	27.20	24.14	0.231	150	144	7900
गोमती नदी एट आउन स्ट्रीम, सुल्तानपुर	निकटबाईपास मिज	10/9/14	7.68	6.10	4.00	28.64	25.56	0.239	160	148	8800



वैज्ञानिक सहायक

सहायक वैज्ञानिक अधिकारी

डा० ड० के० सिंह
सहायक वैज्ञानिक अधिकारी
उ० प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

क्षेत्रीय अधिकारी

11

Ro. U.P.P.C.B. Raebareli

Gomti River at U/S Aam Ghat (Jagdishpur), Amethi.

Sl. NO.	Particulars Standard Value	PH	D.O.	B.O.D.	C.O.D.	Total Coliform (M.P.N./100 ml)
	Standard Value	6.5-8.5	4.0 mg/l	3.0 mg/l		
1.	January-2013	7.74	7.8	3.8	28.00	7200
2.	February-2013	7.68	8.0	3.6	27.20	7100
3.	March-2013	7.68	7.8	3.8	30.40	7700
4.	April-2013	7.72	7.0	3.9	30.40	7900
5.	May-2013	7.73	6.8	3.9	30.08	7800
6.	Jun-2013	7.78	6.5	3.9	29.76	7700
7.	July-2013	7.71	6.0	4.0	27.20	7100
8.	August-2013	7.69	5.9	4.0	26.88	7000
9.	September-2013	7.68	5.8	4.0	27.20	7100
10.	October-2013	7.69	6.0	3.9	27.52	7200
11.	November-2013	7.70	6.2	3.8	27.20	7100
12.	December-2013	7.72	6.6	3.7	26.88	6900
13.	January-14	7.69	7.0	3.5	26.40	7000
14.	February-14	7.71	7.1	3.4	27.20	7200
15.	March-2014	7.77	6.9	3.5	27.52	7600
16.	April-2014	8.01	6.0	3.8	28.80	7900
17.	May-2014	7.82	5.8	4.2	31.36	8000
18.	Jun-2014	7.81	5.6	4.2	31.20	8100
19.	July-2014	7.83	5.5	4.3	32.00	8000
8.	August-2014	7.68	6.2	4.2	27.20	7600
9.	September-2014	7.63	6.5	4.0	26.88	7800
10.	October-2014					

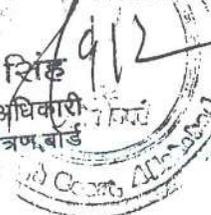
Gomti River at D/S Isauli, (Jagdishpur), Amethi.

Sl. NO.	Particulars Standard Value	PH	D.O.	B.O.D.	C.O.D.	Total Coliform (M.P.N./100 ml)
	Standard Value	6.5-8.5	4.0 mg/l	3.0 mg/l		
1.	January-13	7.75	7.7	3.9	28.80	7700
2.	February-13	7.73	8.0	3.7	28.16	7800
3.	March-2013	7.72	7.7	3.9	31.04	7900
4.	April-2013	7.74	7.1	3.9	30.40	7900
5.	May-2013	7.75	6.8	4.0	30.40	7900
6.	Jun-2013	7.77	6.6	3.8	30.40	7800
7.	July-2013	7.74	6.2	3.9	27.52	7200
8.	August-2013	7.72	5.9	4.1	29.60	7100
9.	September-2013	7.70	5.8	4.1	28.80	7200
10.	October-2013	7.71	5.9	4.0	29.12	7300
11.	November-2013	7.72	6.0	4.0	30.40	7500
12.	December-2013	7.75	6.5	3.8	27.52	7200
13.	January-14	7.72	6.9	3.6	27.20	7300
14.	February-14	7.73	7.0	3.5	27.52	7500
15.	March-2014	7.79	6.8	3.6	28.16	7800
16.	April-2014	7.79	6.2	3.7	28.00	7600
17.	May-2014	7.81	6.0	4.1	29.12	7700
18.	Jun-2014	7.82	5.8	4.0	31.36	8200
19.	July-2014	7.85	5.4	4.5	33.60	8100
8.	August-2014	7.71	6.1	4.3	27.52	7900
9.	September-2014	7.65	6.1	4.1	27.52	7700
10.	October-2014					

S.A.

Amethi

डा० एस.के० सिंह
सहायक वैज्ञानिक अधिकारी
उ०प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली



09/10/14
उ०प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

R.O. U.P.P.C.B., Raebareilly

Gomti River at U/S Sultanpur, Karundiya kala.

Sl. No.	Particulars Standard Value	pH	D.O.	B.O.D.	C.O.D.	Total Coliform (M.P.N./100 ml)
	Standard Value	6.5-8.5	4.0 mg/l	3.0 mg/l		
1.	January-2013	7.71	7.8	3.7	27.20	7600
2.	February-2013	7.72	8.1	3.6	26.40	7700
3.	March-2013	7.70	7.8	3.9	30.40	7800
4.	April-2013	7.72	7.2	3.8	28.80	8000
5.	May-2013	7.72	6.9	3.8	29.12	8100
6.	Jun-2013	7.75	6.7	3.7	29.12	7900
7.	July-2013	7.72	6.3	3.9	28.00	7000
8.	August-2013	7.70	6.0	3.9	30.40	7200
9.	September-2013	7.69	5.9	4.0	28.00	7300
10.	October-2013	7.70	6.0	3.9	28.80	7200
11.	November-2013	7.71	6.1	3.9	29.12	7300
12.	December-2013	7.72	6.5	3.6	27.20	7100
13.	January-14	7.71	7.0	3.6	26.88	7200
14.	February-14	7.72	7.1	3.4	27.04	7300
15.	March-2014	7.78	6.9	3.5	28.00	7800
16.	April-2014	7.76	6.5	3.7	27.84	7300
17.	May-2014	7.78	6.2	3.8	28.00	7600
18.	Jun-2014	7.79	5.9	4.0	30.40	7800
19.	July-2014	7.82	5.60	4.10	31.20	7900
20.	August-2014	7.69	6.10	4.20	26.88	7700
21.	September-2014	7.62	6.40	4.10	27.20	7900
22.	October-2014					

Gomti River at D/S Sultanpur (Near By Pass Bridge)

Sl. No.	Particulars Standard Value	pH	D.O.	B.O.D.	C.O.D.	Total Coliform (M.P.N./100 ml)
	Standard Value	6.5-8.5	4.0 mg/l	3.0 mg/l		
1.	January-13	7.81	7.5	4.0	29.12	8300
2.	February-2013	7.78	7.7	3.7	28.80	8200
3.	March-2013	7.76	7.6	4.0	31.84	8300
4.	April-2013	7.80	6.8	4.1	32.64	8900
5.	May-2013	7.80	6.6	4.1	32.16	8900
6.	Jun-2013	7.77	6.6	3.8	31.20	8700
7.	July-2013	7.77	6.0	4.0	31.04	7900
8.	August-2013	7.75	5.8	4.2	31.20	7900
9.	September-2013	7.76	5.6	4.3	30.40	8200
10.	October-2013	7.74	5.8	4.2	31.20	8300
11.	November-2013	7.75	5.8	4.2	31.36	8100
12.	December-2013	7.78	6.2	3.9	31.04	7800
13.	January-14	7.77	6.8	3.8	28.80	7900
14.	February-14	7.76	6.8	3.6	28.48	7900
15.	March-2014	8.03	6.6	3.8	29.12	8200
16.	April-2014	7.81	6.3	3.9	28.96	7800
17.	May-2014	7.80	6.0	4.0	28.96	8100
18.	Jun-2014	7.85	5.7	4.2	31.52	8600
19.	July-2014	7.86	5.30	4.50	34.08	8600
20.	August-2014	7.77	5.80	4.50	28.80	8600
21.	September-2014	7.68	6.10	4.00	28.64	8800
22.	October-2014					

SA

ASO

डा० ए०

सहायक वैज्ञानिक अधिकारी
उ०प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

09/10/14
सहायक वैज्ञानिक अधिकारी
उ०प्र० प्रदूषण नियंत्रण बोर्ड
रायबरेली

ANNEXURE - CA-8

गोमती नदी में जनपद-जौनपुर में स्थापित उद्योग/सर्वज निस्तारण के सम्बन्ध में आख्या।

गोमती नदी जनपद-पीलीभीत के गोमत ताल से निकल कर जनपद-लखनऊ, सुल्तानपुर, जौनपुर होते हुए लगभग 900 किमी. की दूरी तय कर ग्राम-कैथी, वाराणसी के नजदीक गंगा नदी में मिल जाती है।

वर्ष 2011 के जनगणना के अनुसार जौनपुर की आबादी 1,68,128 है। जौनपुर शहर के घरेलू मल-जल का निस्तारण सीधे नाले द्वारा गोमती नदी में किया जाता है क्योंकि घरेलू मल-जल के शोधन हेतु कोई शोधन संयंत्र की स्थापना नहीं की गयी है। कार्यालय में प्राप्त अभिलेखों के अनुसार वाराणसी कार्यालय में आच्छादित गोमती नदी के किनारे पर कोई भी जल प्रदूषणकारी उद्योग स्थापित/संचालित नहीं है। अधिशासी अधिकारी जौनपुर के पत्रांक-1143/छ:स्वा0/13-14 दिनांक-02.12.2013 के अनुसार निम्न नाले सीधे गोमती नदी में निस्तारित हो रहे हैं।

- 1- कटघरा नाला
- 2- नक्खास नाला (मछली मार्केट के पास)
- 3- जोगियापुर नाला
- 4- मियाँपुर नाला
- 5- दीवानी कचहरी के बगल का नाला
- 6- जे.डी. के मकान के बगल का नाला
- 7- तुतीपुर (न्यू कालोनी बजरंग घाट) का नाला
- 8- अशोक टाकीज के सामने केराकोट का नाला
- 9- ईशापुर यूनिवर्सिटी बैंक व खासनपुर होते हुए-सिपाह रेलवे क्रॉसिंग का बड़ा नाला
- 10- अहिल्यापुर से सिपाह रेलवे क्रॉसिंग तक नाला
- 11- बलुआघाट मोहल्ला से बलुआघाट नया पुल के पास तक का नाला

(16.10.13)
(ASD)

(16.10.13)
(RO)



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U.P. POLLUTION CONTROL BOARD
VARANASI

Gomti River water Quality

S.N.	Parameter	July 2014			August 2014			September 2014		
		Gomti U/s Jaunpur	Gomti D/s Jaunpur	Gomti at Rajwari	Gomti U/s Jaunpur	Gomti D/s Jaunpur	Gomti at Rajwari	Gomti U/s Jaunpur	Gomti D/s Jaunpur	Gomti at Rajwari
1	Temp.°C	24.5	24.5	25.0	24.0	24.0	24.5	24.0	24.0	24.5
2	pH	8.20	8.35	8.25	7.80	8.05	7.85	7.68	7.75	7.75
3	Conductivity	310	338	328	296	308	302	320	336	330
4	Alkalinity	128	142	134	92.0	104	96.0	124	132	130
5	D.O.	7.8	7.5	7.7	7.8	7.4	7.5	7.5	7.2	7.2
6	B.O.D.	2.3	3.0	2.5	2.2	2.5	2.3	2.4	3.0	2.8
7	C.O.D.	10.8	12.8	12.0	9.6	10.8	10.8	10.4	11.6	11.2
8	Chloride	30.48	34.98	32.48	19.48	21.98	20.48	23.48	26.48	25.48
9	Sulphate	7.8	8.4	7.4	5.6	6.4	6.2	5.8	7.2	6.5
10	Ca ⁺⁺	51.30	52.90	52.10	46.69	48.09	48.09	48.09	48.84	48.89
11	Mg ⁺⁺	5.37	8.30	7.32	4.39	4.88	4.39	5.37	6.83	5.37
12	Fecal coliform	5000	13000	5000	5000	11000	11000	4600	11000	8000
13	Turbidity	54.0	70.0	60.0	206	216	212	168	172	170
14	Total Hardness	150	166	160	134	140	138	142	150	144
15	Total Coliform	9000	17000	9000	11000	21000	17000	6300	17000	14000
16	TDS	198	210	204	188	196	192	196	206	202
17	FDS	132	146	140	96.0	108	106	90.0	102	108
18	Ammonical Nitrogen	0.4	0.10	0.06	0.02	0.04	0.04	0.04	0.10	0.08
19	Phosphate	0.6	0.8	0.08	0.04	0.06	0.06	0.08	0.12	0.12
20	TSS	40	52	58	32	40	36	38	50	48

Note: All parameters are expressed in mg/l except pH are stated otherwise.

16/10/2014
A.S.O.

16-10-14
R.O.



16/10/2014

সমগ্র পল্লীশিক্ষা কার্যক্রমের অর্থায়ন ও পরিচালনা
 West Pointin ১৩০
 ১৯৯৫

ANNEXURE - C.A.G

Water Quality Standards

Guideline Values - CPCB Standards
WHO Guideline Values
CPHEEO, Ministry of Urban Development, Govt of India
Bureau of Indian Standard/Specification for Drinking Water (BIS: 10500 - 1991)

Guideline Values - CPCB Standards

Classification of Inland Surface Water

S. No.	Characteristics	A	B	C	D	E
1.	Dissolved Oxygen, mg/L, Min	6	5	4	4	-
2.	Biochemical Oxygen Demand, mg/L Max	2	3	3	-	-
3.	Total Coli form Organisms* MPN/100 ml, Max	50	500	5000	-	-
4.	Total Dissolved Solids mg/L Max	500	-	1500	-	2100
5.	Chlorides (as CL), mg/L, Max	250	-	600	-	600
6.	Colour, Hazen Units, Max	10	300	300	-	-
7.	Sodium Absorption Ratio, Max	-	-	-	-	26
8.	Boron (as B), mg/L Max	-	-	-	-	2
9.	Sulphates (as SO4), mg/L Max	400	-	400	-	1000
10.	Nitrates (as NO3), mg/L Max	20	-	50	-	-
11.	Free Ammonia (as N), mg/L Max	-	-	-	1.2	-
12.	Conductivity at 25°C, microhm/cm, Max	-	-	-	1000	2250
13.	pH value	6.5-8.5	6.5-8.5	6.5-8.5	6.5-8.5	6.5-8.5
14.	Arsenic (as As), mg/L Max	0.05	0.2	0.2	-	-
15.	Iron (as Fe), mg/L, Max	0.3	-	50	-	-
16.	Fluorides (as F), mg/L, Max	1.5	1.5	1.5	-	-
17.	Lead (as Pb), mg/L Max	0.1	-	0.1	-	-
18.	Copper (as Cu), mg/L, Max	1.5	-	1.5	-	-
19.	Zinc (as Zn), mg/L, Max	15	-	15	-	-

* If the coliform is found to be more than the prescribed tolerance limits, the criteria for coliform shall be satisfied if not more than 20 percent of samples show more than the tolerance limit specified, and not more than 5 percent of samples show values more than 4 times the tolerance limits. Further, the faecal coliform should not be more than 20 percent of the coliform.
 Source : Indian Standard (IS : 2296 - 1982).

- A' Drinking water surface Without conventional treatment but after disinfection
- B' Outdoor bathing (organized)
- C' Drinking water source with conventional treatment followed by disinfection
- D' Propagation of wild life, fisheries
- E' Irrigation, Industrial, cooling, controlled waste disposal

Updated on Apr. - 2012



Public Health Engineering Department, Govt. of West Bengal © 2006,
 Best Viewed at 1024 x 768 Design by Anaphore Computers Pvt. Ltd.

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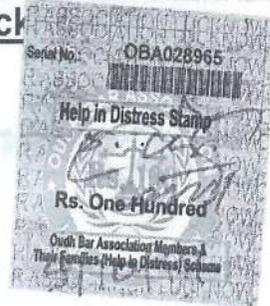
HIGH COURT OF JUDICATURE AT ALLAHABAD

VAKALATNAMA

In the HON'BLE High Court of Judicature at Allahabad,
Lucknow Bench, Lucknow



E. Ashok Kumar Verma
9/10/19



On Behalf Of. *U.P. Pollution Control Board*
In Matter of: *Prayagrah*

Writ Petition no. 791 (M/B) of 1998.

Annexure CA 4

Rajesh Kumar Tripathi
Versus

..... Petitioner/s.

Nagar Nigam Lucknow

.....Opposite Party/ies.

I/we the undersigned do hereby nominate and appoint **Shri Ashok Kumar Verma, Advocate (E. Roll No. 96 of 1978)(Adv.Roll No. – B/A1396) 538 -- KA/1500, Triveni Nagar, Lucknow (mobile -- 9335246338), Lawyer's Chamber no. 36 High Court, Lucknow**, to be counsel/s in the above matter and for me/us and on my/our behalf to appear, plead act and answer in the above Court or any appellate Court or any Court of which are the business is transferred in the above matter, and to sign and file petitions, statements accounts exhibits, compromises or other documents whatsoever, in connection with the said matter arising there from, and also to apply for and receive all documents or copies of documents, depositions etc and to apply for issue of summons and other writs or subpoena and to apply for and get a issued any arrest, attachment or other execution warrant or order and to conduct any proceeding that may arise there out and to apply for and receive payment of any or all sums or submit the above matter to arbitration.

Provided, however in any part of the Advocate's fee remains unpaid before the first hearing of the case or if any hearing of the case be fixed beyond the limits of the town then, and in such an event my/our said advocate shall not be bound to appear before the court and if my/our said advocate doth appear in the said case he shall be entitled to an outstation fee and other expenses of traveling, loading etc. Provided also that if the case be dismissed by default or if it be proceeded exparte, the said advocate(s) shall not be held responsible for the same. And all whatever my/our said advocate(s) shall lawfully do. I do hereby agree to and shall in future ratify and confirm.

Ashok Kumar Verma
Digitally signed by Ashok Kumar Verma
Date: 2019.05.30 05:49:48 +05'30'

Signatures of the Client/s:

Mahendra Nath
law officer B
U.P. Pollution Control Board
Lucknow



ACCEPTED:

Ashok Kumar Verma
9/10/2019
ADVOCATE.



LF0000396764

GOVERNMENT OF UTTAR PRADESH
e-Court Fee



DATE & TIME : 09-MAY-2019 10:41:10
NAMES OF THE ACC/ REGISTERED USER : SHCIL UTTAR PRADESH
LOCATION : LUCKNOW
NAME OF LITIGANT : ASHOK KUMAR VERMA
e-COURT RECEIPT NO : UPCT0904E1941K607
e-COURT FEE AMOUNT : ₹20
 (Rupees Twenty Only)

Particulars	Amount (Rs.)
Memo	₹ 0
Stay Application	₹ 0
Delay Condonation Application	₹ 0
Affidavits	₹ 10
Vakalatnama / Parcha	₹ 5
Misc Applications	₹ 5
Other Annexures, if Any	₹ 0



UPCT0904E1941K607

Statutory Alert : The authenticity of this e-Court fee receipt should be verified at www.shcilestamp.com , Any discrepancy in the details on this receipt and as available on the website renders it invalid. In case of any discrepancy please inform the Competent Authority. This receipt is valid only after verification & locking by the Court Official.

~~STOCK MARKET LUCKNOW~~
 E-Stamp
 High Court Center

This is letter petition
CA. is being filed
under instructions
of the Honorable Court.

Atul Kumar Verma
AW



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

TEST REPORT: WASTE WATER LABORATORY

Ref No: 25366678/Lucknow/2024

Date:29/03/2024

- 1- **Name of Industry:** AVADH SUGAR AND ENERGY LTD SUGAR UNIT HARGAON, Vill - Hargaon District - Sitapur ,SITAPUR,261121
- 2- **Address of Industry:** Vill - Hargaon District - Sitapur ,SITAPUR,261121
- 3- **District:** Sitapur
- 4- **Description about sampling point:** Outlet of ETP
- 5- **Type of Sample (Grab/Composite/Integrated):** Grab
- 6- **Sample Collected By:** Ankur Gautam MA & R.K Tiwari , EE, Rajjan Tripathi SA
- 7- **Colour and Odour:** - -
- 8- **Quantity and Packing:** 2 Litre Plastic Jerricane, 1 Lit.Glass bottle
- 9- **Date of Sample Collection:** 15/03/2024
- 10- **Analys Indented by:** RO Lucknow
- 11- **Date of sample receipt in Lab:** 16/03/2024

Parameter/Method Name	Unit	Results	Standard	Detection Range
pH, APHA 24th Ed. 4500B: 2023	-	6.55	5.5-8.5	02-12
*Oil_Grease	mg/l	5.2	10	-
Suspended Solids , APHA 24th Ed. 2540 D Total Suspended Solids dried at 103-105 °C 2023	mg/l	28.0	30	10-20000 mg/l
BOD, APHA 24th Ed. 3 day 27 °C IS 3025 (Part 44): 1993 Bio 2023	mg/l	27.0	30	1.0 -50000 mg/l
COD, APHA 24th Ed. 5220 B Open Reflux Method 2023	mg/l	177.0	250	5.0 -100000 mg/l

Reference- (1) General Standards for discharge of environmental pollutants are as part-A Effluent (Schedule-VI). The Environment (Protection) Rules,1986 source: www.cpcb.nic.in/GeneralStandards.pdf. Besides these standards, refer EPA standards for specific purpose

*Non-NABL Parameters.

Note : 1 The results in the Test Report relate only to the items tested: 2. The report shall not be reproduced-except in full, without the written permission of laboratory. 3. The test report pertains to the sample as received in Lab.

Remark: NA

Analysed by-
[Dr Mamta Pandey(SA)]

Authorized by

Samrendra Singh (ASO)

Chief Environmental Officer
Central Laboratory

General Standards for Discharge of Environmental Pollutants Part -A:Effluents (Schedule - VI) The Environment(Protection) Rules, 1986

1	Parameter	Standards			
		Inland Surface water	Public Sewers	Land for Irrigation	Marine coastal areas
		a	b	c	d
1	Color and Odor	All efforts should be made to remove colour and unpleasant odour as far as practicable			
2	Suspended Solids mg/l, Max	100	600	200	(a) for process waste water- 100(b) For cooling water effluent 10 percent above total suspended matter of influent.
3	Particulate size of suspended solids	Shall pass 850 micron IS Sieve	-	-	(a) Floatableaa solids, max. 3 mm
4	2(***)	*	*	*	*
5	pH Value	5.5 to 9.0	5.5 to 9.0	5.5 to 9.0	5.5 to 9.0
6	Temperature	Shall not exceed 5°C above receiving water temperature	-	-	Shall not exceed 5°C above receiving water temperature
7	Oil and Grease Mg/l Max.	10	20	10	20
8	Total residual chorine mg/l Max	1	-	-	1
9	Ammonical Nitrogen(as N), mg/l Max	50	50	-	50
10	Total Kjeldahl Nitrogen(as NH3) mg/l,Max	100	-	-	100
11	Free ammonia (as NH3)mg/l, Max	5	-	-	5
12	3Biochemical Oxygen Demand 1[3 days at 270C] mg/l, Max	30	350	100	100
13	chemical Oxygen Demand, mg/l, Max	250	-	-	250
13	chemical Oxygen Demand, mg/l, Max	250	-	-	250
14	Arsenic(as As), mg/l, max	0.2	0.2	0.2	0.2
15	Murcury(as Hg), mg/l, max	0.01	0.01	-	0.01
16	Lead (as Pb), mg/l, max	0.1	1	-	2
17	Cadmium (as Cd), mg/l, max	2	1	-	2
18	Hexavalentchromium (as Cr+6), mg/l, max	0.1	2	-	1
19	Total chromium (as Cr)mg/l, max	0.1	2	-	1
20	Copper(as Cu), mg/l, max	3	3	-	3
21	Zinc(as Zn), mg/l, max	5	15	-	5
22	Selenium (as Se) mg/l, max	0.05	0.05	-	0.05
23	Nickel (as Ni) mg/l, max	3	3	-	5
24	2(***)	*	*	*	*
25	2(***)	*	*	*	*
26	2(***)	*	*	*	*
27	Cyanide (as CN), mg/l, max	0.2	2	0.2	0.2
28	2(***)				
29	Fluoride (as F) mg/l, max	2	15	-	15
30	Dissolved Phosphates (as P), mg/l, max	5	-	0	-
31	2 (***)	*	*	*	*
32	Sulphide (as S), mg/l, max	2	-	-	5
33	Phenolic Compounds (as C6H5OH) mg/l, max	1	5	-	5
34	Radioactive materials: (a)Alpha emitter micro curie/ml (b)Beta emitter micro curie/ml	10 ⁻⁷ 10 ⁻⁶	10 ⁻⁷ 10 ⁻⁶	10 ⁻⁸ 10 ⁻⁷	10 ⁻⁷ 10 ⁻⁶
35	Radioactive materials: (a)Alpha emitter micro curie/ml (b)Beta emitter micro curie/ml	10 ⁻⁷ 10 ⁻⁶	10 ⁻⁷ 10 ⁻⁶	10 ⁻⁸ 10 ⁻⁷	10 ⁻⁷ 10 ⁻⁶
35	Bio-assay test	90% survival of fish after 96 hours in 100 % effluent	90% survival of fish after 96 hours in 100 % effluent	90% survival of fish after 96 hours in 100 % effluent	90% survival of fish after 96 hours in 100 % effluent

36	Manganese (as Mn)	2 mg/l	2 mg/l	-	2 mg/l
37	Iron (as Fe)	3 mg/l	3 mg/l	-	3 mg/l
38	Vanadium (as V)	0.2 mg/l	0.2 mg/l	-	0.2 mg/l
39	Nitrate Nitrogen	10 mg/l	-	-	20 mg/l
40	2 (***)	*	*	*	*

1. Schedule VI inserted by Rule 2 (d) of the Environment(Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422 (E) dated 19.05.1993 published in the Gazette no. 174 dated 19.05.1993.
2. Omitted by Rule 2 (d)(i) of the Environment(Protection) Third Amendment Rules, 1993 vide Notification No. G.S.R. 801 (E), dated 31.12.1993.
3. Substituted by Rule 2 of the Environment(Protection) Amendment Rules, 1996 notified by G.S.R 176, dated 02.04.1996 may be read as BOD (3days at 270C) whenever BOD 05 days 200C occurred.
4. Besides these standards, refer EPA standards for specific industry Source (1):
<https://cpcb.nic.in/displaypdf.php?id=R2VuZXJhbFN0YW5kYXJkcy5wZGY=>
 (2) cpcb.nic.in/Industry_Specific_Standards.php



ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE 236

Office & Laboratory : 2/261, Vishwas Khand, Gomti Nagar, Lucknow - 226 010 (U.P.)
Email : ETRCLTH@YAHOO.IN, Web.: www.etrclndia.com

(ISO 9001:2015, ISO 45001:2018 (OHS) ISO 14001:2015)

An approved laboratory from Ministry of Environment, Forest and Climate change, Govt. of India under EPA 1986
ETRC/PM09/TEST-REP/FT/45

TEST REPORT WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/EPA/13737/2025	Date of Report: 01/03/2025
Name /Address/Type of Industry	M/s Avadh Sugar & Energy Limited Unit: Hargaon Distillery, Hargaon Village: Surjipara, Tehsil: Sitapur District: Sitapur (U.P.) - 261121

SAMPLE DETAILS

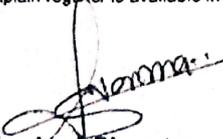
1	Water/ Waste Water	Waste Water	5	Packing Condition	Sealed
2	Sample Description	CPU Outlet (RO Permeate)	6	Sample Collected By	ETRC
3	Sample received date	25.02.2025	7	Analysis Start Date	25.02.2025
4	Sample Quantity	2.0 liters	8	Analysis End Date	01.03.2025

TEST RESULT

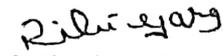
Sr. No.	Test Parameter	Unit	Protocol/ Test Method	Result	Range of testing /limit of detection
1	pH	-	APHA 24 th Ed. 2023 - 4500H ⁺	7.3	1 - 14
2	Total Dissolved Solid (TDS)	mg/l	IS: 3025 (Part-16): 2023	168.0	10 - 40000
3	Total Suspended Solid (TSS)	mg/l	APHA 24 th Ed. 2023 - 2540 D	6.4	5.0 - 20000
4	Bio-chemical Oxygen Demand (BOD)	mg/l	IS: 3025 (Part - 44): 1993 Reaffirmed: 2019	2.2	1.0 - 150000
5	Chemical Oxygen Demand (COD)	mg/l	IS: 3025 (Part - 58): 2006 Reaffirmed: 2022	8.0	2.0 - 600000

..... END OF REPORT.....

- ETRC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices and that this data reflects our best attempt to generate accurate results for the sample, mentioned in the report as above.
- The result relate only to the items tested.
- ETRC does not assume any liability for any claims or damages related to the quality of parameter analyzed in the results and/or the performance of the equipment constituting to the results.
- All disputes subject to Lucknow jurisdiction.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Complain register is available in our laboratory.


Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge




Authorized Signatory
(Ritu Garg)
QM



TEST REPORT STACK EMISSION MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/EPA/13732/2025		Date of Report: 01/03/2025
Name /Address/Type of Industry		M/s Avadh Sugar & Energy Limited Unit: Hargaon Distillery, Hargaon Village: Surjipara, Tehsil: Sitapur District: Sitapur (U.P.) - 261121
Monitored by		ETRC, Lucknow
Sr. No.	GENERAL INFORMATION	DETAILS
1.(a)	Date of monitoring	25.02.2025
(b)	Stack material	RCC
(c)	Height of stack from ground level	78 mts
(d)	Source to which stack attached	Boiler (55 TPH)
(e)	No of Source attached with capacity	01 No
(f)	Type and quantity of fuel used	Baggase & Slop
(g)	Details of APCS installed	ESP
2.	PARAMETERS	VALUES
(a)	Ambient temperature (°C)	26.0
(b)	Stack gas temperature (°C)	145.0
(c)	Stack gas velocity (m/sec)	11.91
(d)	Flow rate (LPM)	17
(e)	Sampling time (minutes)	62
(f)	Volume of air sampled (liters)	1054

TEST RESULT

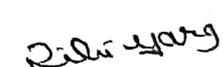
Sr. No.	Parameter	Unit	Protocol	Result	Range of Testing / Limit of Detection	Standard (as per CPCB)
1	Particulate Matter	mg/Nm ³	IS: 11255 (Part-01): 1985 Reaffirmed: 2019	43.15	2.0 - 1000	150

..... END OF REPORT.....

- ETRC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices and that this data reflects our best attempt to generate accurate results for the sample, mentioned in the report as above.
- The result relate only to the items tested.
- ETRC does not assume any liability for any claims or damages related to the quality of parameter analyzed in the results and/or the performance of the equipment constituting to the results.
- All disputes subject to Lucknow Jurisdiction.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Complain register is available in our laboratory.


 Authorized Signatory
 (Sandeep Kr Verma)
 Lab-Incharge




 Authorized Signatory
 (Ritu Garg)
 QM



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

By Speed Post

F.No.B-23012/1/PCI-III

Date: 10.01.2011

To,

6958-62
The Chairman,
Uttar Pradesh Pollution Control Board,
1st Floor, PICUP Bhavan,
Vibhuti Khand, Gomti Nagar, Lucknow – 226010

DIRECTIONS UNDER SECTION 18(1)(b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974

WHEREAS, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Board (SPCB) and Pollution Control Committee (PCC), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution thereof; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rule framed there under; and

WHEREAS, the SPCBs / PCCs can stipulate stringent standards for discharge of environmental pollutants from various categories of industries than those notified by the Central Government, under the Environment (Protection) Act, 1986 and rules framed there under; and

WHEREAS, the CPCB and SPCBs have been pursuing the polluting industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) act, 1986 and the Rules framed there under; and

WHEREAS, pulp & paper industries, distilleries, sugar and other highly polluting units located in the State of Uttar Pradesh discharge effluent in the rivers Kosi, Dhela, Ramganga and Kali and their tributaries or in catchment of Ganga basin, which adversely affect the water quality of river Ganga; and

Continued..2/-

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110 032

'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032

दूरभाष/Tel. : 43102030, . फैक्स/Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल/e-mail : cpcb@nic.in वेबसाईट/Website : www.cpcb.nic.in

-2-

WHEREAS, under the National Ganga River Basin Authority (NGRBA), it has been decided to address the issue of pollution of river Ganga in a comprehensive and time bound manner; and

WHEREAS, directions were issued by Central Pollution Control Board (CPCB) to Uttar Pradesh Pollution Control Board (UPPCB), vide letter no. B-23012/2003/PCI-III, dated December 23, 2006 to issue directions to industries discharging wastewater into the river Ganga or its tributaries upstream Sangam in Uttar Pradesh, not to discharge their effluents into the Ganga or its tributaries during Magh Mela, to store their treated coloured effluent in the lined lagoons, and to close down the plant operation in absence of adequate ETP and holding capacity of lined lagoons till Mela is over; and

WHEREAS, directions were issued by CPCB to UPPCB, vide letter no. A-19014/42/2006-MON, dated February 21, 2007 to issue directions to industries discharging their wastewater into the river Ganga or its tributaries upstream Sangam in Uttar Pradesh, to discharge their stored effluent after complying the stipulated standards in a prescribed staggered manner to avoid a sudden cumulative adverse effect on the Ganga water quality; and

WHEREAS, the issue of monitoring of river Ramganga and its tributaries carrying trade effluent from agro-based industries and joining the Ganga was discussed in a joint meeting of officials of CPCB, UPPCB and Uttarakhand Environment Protection and Pollution Control Board (UEPPCB) held on November 24-25, 2009 at Moradabad and Kashipur and a monitoring schedule was prepared which is annexed at Annexure-I; and

WHEREAS, directions were issued by CPCB to UPPCB, vide letter no. B-23012/1/PCI-III, dated March 12, 2010 to issue directions to the industrial units to take action for compliance of the following points with a time bound action plan, submit bank guarantee for an amount to the satisfaction of the UPPCB:

1. All the agro based industrial units located in the Moradabad and Muzaffarnagar (Bhopal Road) area shall submit at the earliest possible a time bound action plan for setting up of common effluent treatment facility, to provide requisite effluent treatment of industrial clusters. This will avoid water pollution.
2. All the Pulp & Paper Mills without adequate chemical recovery plant (CRP) for black liquor management shall stop chemical pulping immediately.
3. Agro based Pulp & Paper Mills, with lignin recovery plants for black liquor management shall use waste paper as raw material within 30 days or switch over to chemical recovery for which time bound action plan shall be furnished.
4. The practice of storing of effluent shall be done away to avoid possible discharge of untreated effluent.
5. Individual effluent treatment plants shall be comprehensively assessed and action plan shall be initiated for augmentation of capacity/ up-gradation of ETP as and where required.

Continued..3/-

-3-

6. Distilleries operating on zero-discharge should ensure compliance of the stipulated norms.

AND WHEREAS, the Hon'ble High Court of Allahabad in its order dated 21.12.2010 in PIL No. 4003 of 2006 has directed to ensure that the trade effluent of different industries situated on the banks of river Ganga is not discharged in river Ganga, and to constitute a Monitoring Committee comprising of officers of CPCB, UPPCB and UEPPCB to constantly monitor the quality of the water flowing from the tributaries of river Ganga namely, Kosi, Dhela and Ramganga entering State of Uttar Pradesh from State of Uttarakhand, which merge with river Ganga; and

Now therefore, in exercise of the powers conferred under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974, you are hereby directed to take appropriate actions for compliance of following points in a time bound manners:

1. UPPCB shall carry out daily monitoring of quality of the water flowing from the tributaries of river Ganga entering State of Uttar Pradesh from State of Uttarakhand for the identified monitoring locations and parameters as listed in Annexure-I. UPPCB may increase the monitoring locations and parameters, if required. UPPCB shall report the monitoring results to the Member Secretary, CPCB and the Member Secretary, UEPPCB on daily basis through e-mail/ fax.
2. UPPCB shall commence daily river water quality monitoring and reporting immediately on receipt of these directions.
3. UPPCB shall issue appropriate directions following applicable procedure under section 33A of the Water (Prevention and Control of Pollution) Act, 1974 to take action for compliance of the following pollution control measures:
 - a. The industrial units not complying with the prescribed effluent quality norms shall not be permitted to operate.
 - b. The practice of storing of effluent shall be done away to avoid possible discharge of untreated effluent.
 - c. Individual effluent treatment plants shall be comprehensively assessed and augmentation of capacity/ up-gradation of ETP shall be carried out, as and where required.
 - d. The industrial units shall be allowed to operate at the capacity for which the effluent generated can be treated in the ETP to the prescribed norms, but not more than the consented capacity.
 - e. All the agro based Pulp & Paper industrial units without adequate chemical recovery plants (CRP) for black liquor management shall stop chemical pulping immediately.
 - f. All the Pulp & Paper industrial units located in clusters, namely, Moradabad and Muzaffarnagar (Bhopal Road/ Jansath Road), Meerut (Village Saini, Meerut-Mawana Road), etc. shall be directed for setting up of common effluent treatment facility, to provide requisite effluent treatment of industrial clusters. Agro based Pulp & Paper industrial units located in these clusters should be promoted for setting up of common chemical recovery plant for black liquor management.

Continued..4/-

-4-

- g. Distilleries and Fermentation industries shall be directed to submit a time bound action plan within 30 days to adopt emerging technologies namely Membrane Filtration/ Reboiler/ Evaporation/ Concentration followed by incineration of concentrated spent wash in boiler (for power generation) or co-processing in cement kilns, thermal power plants and Steel plants to achieve zero liquid discharge.

The action taken report shall be submitted by UPPCB to CPCB within 30 days from the date of receipt of these directions alongwith a time bound action plan for compliance of the directions. UPPCB shall also acknowledge the receipt of these directions to CPCB by return fax.

(S.P.Gautam)
Chairman

Copy to:

- 1) Shri Rajiv Gauba, Joint Secretary,
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi – 110 003
- 2) The Chairman
Uttarakhand Environment Protection & Pollution Control Board
E-115, Nahru Colony, Haridwar Road, Dehradun
- 3) Director (CP Division)
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi – 110 003
- 4) The Incharge, Zonal Office,
Central Pollution Control Board,
PICUP Bhawan, Ground Floor, Vibhuti Khand, Gomti Nagar, Lucknow-226010
- 5) The Incharge, ESS Division, CPCB

1/c on Tour. P.I. Sec.

~~SEE~~

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(P. 21/21)
18/01

(S.P.Gautam)
Chairman

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

OA NO. 406 OF 2024

IN THE MATTER OF

Rajesh Kumar Tripathi

.....Applicant

Versus

Nagar Nigam Lucknow and others

..... Respondents

KNOW ALL to whom these presents shall come that I/We, above named respondent No. 6 do hereby appoint:

(Hereinafter called)  be my/our Advocate in the above-noted cause and authorize them to

To act, appear and plead in the above-noted cause in this Court/tribunal, or any other Court in which the same may be tried or heard, including the Appellate Court.

To sign, file and present pleadings, appeals, cross objections, executions, review, revision restoration, withdrawal compromise of other petitions, replies objections, affidavits or any other documents as may arise touching, or in any manner relating to, the said case.

To file and take back documents. To withdraw or compromise the said cause or submit to arbitration any differences or disputes that may arise, touching or in any manner relating to the said case. To take out execution proceedings. To deposit, draw and receive money and grant receipts thereof and do all other acts and things which may be necessary to be done for the progress, and in the course of the prosecution of the said cause.

To appoint and instruct any other Legal Practitioner authorizing him to exercise the same powers and authorities, hereby conferred upon the Advocate whenever he may think fit to do so.

And I/We undersigned do hereby agree to ratify and confirm all acts done by the Advocate, as if done by me/us, for all intents and purposes. And I/We undertake that I/we or I /our duly authorized agent would appear in the Court on all hearings to assist the Advocate.

And I/We the undersigned, do hereby agree not to hold the Advocate or his substitute/agent responsible for the result of the said cause in consequence of his absence from the Court, when the said cause is called up for hearing, or for any negligence for the said Advocate or his substitute/agent.

And I/we undersigned, do here by agree that in the event of the whole or any part of fees agreed by me/us to be paid to the Advocate remaining up-paid he shall be entitled to withdraw from the prosecution of the said cause until the same is paid. If any costs are allowed for adjournment, the Advocate would be entitled to the same.

IN WITNESS WHEREOF I/WE DO HEREBY SET MY/OUR HAND TO THESE PRESENTS THE CONTENTS TO WHICH HAVE BEEN UNDERSTOOD BY ME/US THIS 31th DAY March OF 2025


 ADVOCATE


 Client