

**BEFORE THE NATIONAL GREEN TRIBUNAL****CENTRAL ZONAL BENCH, BHOPAL****ORIGINAL APPLICATION NO. No.111/2013****Petitioner**

Dr. Subhash C. Pandey

**Versus****Respondents**

Municipal Corporation, Bhopal and Ors

**INDEX**

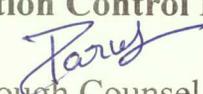
SN	PARTICULARS	Annex No.	Page No.
1.	Compliance Report on behalf of MPPCB (February 2021 to May 2021)		2-3
2.	Affidavit		4
3.	Copy of the Inspection report dated 25.02.2021 with annexure	R-01	5-8
4.	Copy of the Inspection report dated 26.03.2021 with annexure	R-02	9-13

Date: 14/7/2021

Place: Bhopal

Humble Respondent

Mp Pollution Control Board

  
 Through Counsel

**BEFORE THE NATIONAL GREEN TRIBUNAL**

**CENTRAL ZONAL BENCH, BHOPAL**

**ORIGINAL APPLICATION NO. No.111/2013**

**Petitioner**

Dr. Subhash C. Pandey

**Versus**

**Respondents**

Municipal Corporation, Bhopal & Ors

**COMPLIANCE REPORT**

**(FOR THE MONTH OF FEBRUARY 2020 TO MAY 2021**

**ON BEHALF OF MADHYA PRADESH POLLUTION CONTROL BOARD)**

1. That, the Hon'ble Tribunal while disposing of the matter on 04.10.2016 directed the answering respondent to submit the monthly ground water monitoring reports till the Bhanpur dumping site is closed effectively.
2. That, as per the directions of the Hon'ble Tribunal, a team from MPPCB inspected the Bhanpur Dumping site and collected samples on 25.02.2021 and 26.03.2021. As per the latest inspection, the Bio-remediation work has been completed 100% and the scientific closure work is near completion, 25-50% work related to the leachate collection system and leachate treatment system is remaining. Compound wall, gardening and irrigation system work are also in progress.
3. The copy of the inspection report for the month of February 2021 has been enclosed herewith as **Annexure R-01**. That, the ground water samples were collected by the team at the earlier identified six points located at a distance of nearly 500 meters from the MSW site at Bhanpur Khanti dumping site. The copy of the Ground Water Analysis Report (**for February 2021**) has been enclosed herewith as **Annexure R01(a)**. It is to be noted that, the water quality is found to be not suitable for direct drinking purposes as per IS 10500.2012.
4. That, the answering respondents also carried out the Ambient Air Quality monitoring at Bhanpur Khanti. The copy of the Ambient Air Quality monitoring report has been enclosed herewith as **Annexure R01 (a)**
5. The copy of the inspection report for the month of March 2021 dated 26.03.2021 has been enclosed herewith as **Annexure R-02**. The copy of the Ground Water Monitoring Report (**for March 2021**) has been enclosed

herewith as **Annexure R-02(a)**. The water quality is found to be not suitable for the direct drinking purpose as per IS 10500.2012.

6. That, the answering respondents also carried out the Ambient Air Quality monitoring at Bhanpur Khanti. The copy of the Ambient Air Quality monitoring report has been enclosed herewith as **Annexure R02(a)**-
7. It is most respectfully submitted that, for the months of April 2021 and May 2021, the monthly inspection and monitoring could not be carried out due to second wave of Covid-19 and consequent lockdown.
8. That, it is pertinent to mention that there is no further solid waste dumping done on the site. The Bio-remediation work has been completed and scientific closure work is in process as reported by site representative.
9. That, Hon'ble Tribunal may kindly be pleased to take the aforesaid compliance report on record. An Affidavit in support is filed herewith.

Date: 14/7/21

Place : Bhopal

Humble Respondent

**MP Pollution Control Board**



Through Counsel

9

**BEFORE THE NATIONAL GREEN TRIBUNAL  
CENTRAL ZONAL BENCH, BHOPAL**

**Original Application No. 111/2013 (CZ)**

**Petitioner Subhash C. Pandey**

**Versus**

**Respondents Municipal Corporation Bhopal & Ors.**

**AFFIDAVIT**

Name :- Shri A.K. Bisen  
Father's Name :- Late Dr. C.R. Bisen  
Age :- 58 Years  
Designation :- Executive Engineer  
Address :- R.O. MPPCB, Paryavaran Parisar  
Arera Colony, Bhopal (M.P.)

I state on oath that:-

1. That, I am the designated officer to submit this reply and I am well acquainted with the facts of the case. The reply has been drafted under my instructions and is based on the official records.
2. That, the reply on behalf of Respondent is being filed with respect to the directions given by this Hon'ble Tribunal.
3. That, the documents annexed with the reply are true copies of which they purport to be.
4. That, I swear that this my declaration is true, that it conceals nothing, and that no part of it is false.

**Date:-** 06/07/2024

*A.K. Bisen*  
**Deponent**

**AFFIRMATION**

I solemnly affirm that this my declaration is true, that it conceals nothing, and that no part of it is false.

**Date:-** 06/07/2024

**Place:-** Bhopal

**IDENTITY BY ME**

Name Rajni Telang  
Address Malviya Nagar  
Signature [Signature]

SIGNATURE ATTESTED  
SWORN BEFORE ME

*[Signature]*  
**RAJNI TELANG**  
NOTARY & ADVOCATE  
144, Malviya Nagar Bhopal M.P. India  
Serial: 207  
06/07/2024

*A.K. Bisen*  
**Deponent**



## Inspection Report

Month – February 2021

**Subject: - Hon'ble National Green Tribunal, Central Zonal Bench, Bhopal  
Application no. 111/2013 Dr. Subhash C. Pandey V/s Municipal  
Corporation Bhopal & others.**

**Reference: - Hon'ble NGT order dated 17.01.2018.**

In compliance to the directions of the Hon'ble NGT the under sign with a monitoring team visited Bhanpur Khanti site, Bhopal on 25.02.2021. In continuation to previous visits ground water sampling at same 06 Bore well/Hand Pump sited situated all around the dumping site & AAQ Monitoring at same 03 stations were carried out. Following observations were made during inspection-

1. There is no fresh city solid waste dumping at this site.
2. M/s Saurashtra Enviro Projects Pvt Ltd. is carrying out Bio-Remediation & Scientific Closure of BhanpurKhanti dump site. Till inspection date 100% Bio Remediation work of project has been completed and Scientific closer work is in progress as reported by company site representative.
3. Ground water sumping at 06 Bore well/Hand Pump sites situated all around the dumping site were carried out. Details of sampling points (Bore well/Hand Pump Location) is as under-
  - A. Ram Bharose Lodhi House, Ratan Nagar, Raslakhedi, Vidisha Road, Bhopal.
  - B. Bane Singh House, KhejdaBaramad, Bhopal
  - C. Halku Singh House, KhejdaBaramad, Bhopal
  - D. Tube well water of Shining Bios & Herbs LLP Office, Mahaoli, Bhopal
  - E. Hand Pump in front of Narmada Prasad Narwariya House, Bhanpur, Bhopal
  - F. Kapil Gour House, in front of Sanjeevani Clinic, Vidisha Road, Bhanpur, Bhopal
4. Ambient Air Quality monitoring is carried out around BhanpurKhanti site on 12/02/2021 following at 03 locations in habitation areas.
  - Village Maholi – South East direction dumping site.
  - Village KhejdaBaramad – East direction dumping site.
  - Village Bhanpur – South direction dumping site.

**Status of Ground Water Quality around BhanpurKhanti:-**

The ground water monitoring report is enclosed as Annexure – 01 as per reports the ground water quality at all 06 sampling points is found not suitable for direct drinking purpose.

- Ground water is found objectionable for drinking, on ground of following parameters as per drinking water standards is 10500.2012 which exceed permissible limits in absence of alternate source.

Sampling Point	A	B	C	D	E	F
Parameter	Total Coliform					
	-	-	-	-	-	-

**Status of Ambient Air Quality at BhanpurKhanti:-**

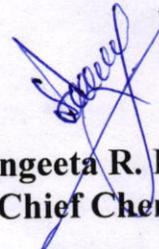
The Ambient Air Quality around the Bhanpur Khanti is found as follows -

S.No	Details of AAQ Monitoring station	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	Standard ( $\mu\text{g}/\text{m}^3$ )
1.	Maholi Dam Kheda	71.0	31.3	PM <sub>10</sub> -100 PM <sub>2.5</sub> .60
2.	Khejda Baramad	44.7	20.3	
3.	Bhanpur Khanti Toll Kanta	84.1	41.3	

Analysis report is enclosed as Annexure-2. The above result reveals that the concentration of pollutant PM<sub>10</sub> is in the prescribed National Ambient Air Quality Standard at monitoring station 1,2 &3 falls in Satisfactory air quality category. All other pollutants concentration was found within prescribed standards.

The above status of ground water quality & Ambient Air Quality is submitted for information please.

**Annexure:- As above**

  
(Sangeeta R. Danny)  
Chief Chemist

**REGIONAL OFFICE**  
**M.P. POLLUTION CONTROL BOARD**  
**PARYAWARAN PARISAR, E-5, ARERA COLONY, BHOPAL (M.P.)**  
Phone No. 0755-2466392, E-mail – romppcb\_bpl@rediffmail.com

Annexure-R01 (7)  
(a)

**February 2021 WATER ANALYSIS REPORT**

**Report No.** :- 3352,3353, 3354, 3355, 3356,3357  
**Sample From** :- Bhanpur Khanti, Bhopal (M.P.)  
**Sample Details** :-  
1. Tube well water of shri Ram Bharoshe Lodhi Farm Ratan Nagar Near Bhanpur Khanti.  
2. Tube well water of Banne Singh Farm Khejda Baramad Near Bhanpur Khanti.  
3. Tube well water of Halku Singh Farm Khejda Baramad Near Bhanpur Khanti.  
4. Tube well water of Shining Bios & Herbal LLP office Maholi Near Bhanpur Khanti.  
5. Hand Pump water in front of Hanuman Mandir, Near Bhanpur Khanti.  
6. Tube well water of Kapil Gaur House near Sanjeevni Hospital Near Bhanpur Khanti.  
**Collected by** :- Mr. S. Kashyap (Sampler)  
**Date of Collection** :- 25.02.2021  
**Date of Analysis** :- 25.02.2021

S.No.	Parameter	Unit	Result 1	Result 2	Result 3	Result 4	Result 5	Result 6
1.	Color	Hazens	10	10	20	20	20	20
2.	Odour	-	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
3.	pH	pH Unit	7.78	7.85	7.58	7.62	7.95	7.12
4.	Total Hardness	mg/l	88	90	100	98	102	336
5.	Chloride	mg/l	10.76	11.74	8.80	16.63	122.30	109.58
6.	Total Dissolved Solids	mg/l	248	186	188	204	378	986
7.	Nitrate Nitrogen	mg/l	2.5	2.18	2.05	1.72	1.29	32.97
8.	Sulphate	mg/l	7.47	6.86	19.33	12.36	8.58	57.38
9.	Total Coliform	MPN/100 ml	14000	2600	17000	14000	22000	3300

**Note :** 1. Analysed at Central Laboratory, MPPCB, Bhopal

  
Chief Chemist

**AIR ANALYSIS REPORT**

Report No. :- 1051  
Sample from: Bhanpur Khanti, Bhopal (M.P.)

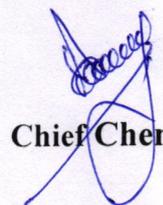
S. No.	Description of sample	Date of collection	Collected by	Date of receipt	Analysis By
1.	Bhanpur Khanti Air Monitoring at Near Toll Kanta.	12/02/2021	Mr. S. Kashyap, Sampler, Regional Office, M. P. Pollution Control Board, Bhopal	15/02/2021	Central Lab, Bhopal
2.	Bhanpur Khanti Air Monitoring at Village Mohali Dam Kheda				
3.	Bhanpur Khanti Air Monitoring at Near Khejda Baramad Temple				

**AMBIENT AIR MONITORING RESULT**

S. No.	Parameters	Unit	Prescribed Standard	Result (1)	Result (2)	Result (3)
1.	PM 10	$\mu\text{g}/\text{m}^3$	100	84.1	71.0	44.7
2.	PM 2.5	$\mu\text{g}/\text{m}^3$	60	41.3	31.3	20.3

1. Sample Analyzed at Central laboratory, MPPCB, Bhopal.

  
Analyzed By

  
Chief Chemist

## Inspection Report

Annexure R-02

Month – March 2021

**Subject: - Hon'ble National Green Tribunal, Central Zonal Bench, Bhopal  
Application no. 111/2013 Dr. Subhash C. Pandey V/s Municipal  
Corporation Bhopal & others.**

**Reference: - Hon'ble NGT order dated 17.01.2018.**

In compliance to the directions of the Hon'ble NGT the under sign with a monitoring team visited Bhanpur Khanti site, Bhopal on 26-03-2021. In continuation to previous visits ground water sampling at same 06 Bore well/Hand Pump sited situated all around the dumping site & AAQ Monitoring at same 03 stations were carried out. Following observations were made during inspection-

1. There is no fresh city solid waste dumping at this site.
2. M/s Saurashtra Enviro Projects Pvt Ltd. is carrying out Bio-Remediation & Scientific Closure of BhanpurKhanti dump site. Till inspection date 100% Bio Remediation work of project has been completed and scientific closer work near to completion, only leachate collection system and leachate treatment system are about 25 and 50 percentages remaining respectively. Compound wall gardening and irrigation system work are in progress.
3. Ground water samping at 06 Bore well/Hand Pump sites situated all around the dumping site were carried out. Details of sampling points (Bore well/Hand Pump Location) is as under-
  - A. Ram Bharose Lodhi House, Ratan Nagar, Raslakhedi, Vidisha Road, Bhopal.
  - B. Bane Singh House, KhejdaBaramad, Bhopal
  - C. Halku Singh House, KhejdaBaramad, Bhopal
  - D. Tube well water of Shining Bios & Herbs LLP Office, Mahaoli, Bhopal
  - E. Hand Pump in front of Narmada Prasad Narwariya House, Bhanpur, Bhopal
  - F. Kapil Gour House, in front of Sanjeevani Clinic, Vidisha Road, Bhanpur, Bhopal
4. Ambient Air Quality monitoring is carried out around BhanpurKhanti site on 26/03/2021 following at 03 locations in habitation areas.
  - Village Maholi – South East direction dumping site.
  - Village KhejdaBaramad – East direction dumping site.

- Village Bhanpur – South direction dumping site.

**Status of Ground Water Quality around BhanpurKhanti:-**

The ground water monitoring report is enclosed as Annexure – 01 as per reports the ground water quality at all 06 sampling points is found not suitable for direct drinking purpose.

- Ground water is found objectionable for drinking, on ground of following parameters as per drinking water standards is 10500.2012 which exceed permissible limits in absence of alternate source.

Sampling Point	A	B	C	D	E	F
Parameter	Total Coliform	Total Coliform	Total Coliform	Total Coliform	-	Total Coliform,
	-	-	-	-	-	-

**Status of Ambient Air Quality at BhanpurKhanti:-**

The Ambient Air Quality around the Bhanpur Khanti is found as follows -

S.No	Details of AAQ Monitoring station	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Standard (µg/m <sup>3</sup> )
1.	Maholi	89.4	48.4	PM <sub>10</sub> .100
2.	KhejdaBaramad	82.2	35.6	PM <sub>2.5</sub> .60
3.	BhanpurKhanti	110.6	49.8	

Analysis report is enclosed as Annexure-2. The above result reveals that the concentration of pollutant PM<sub>10</sub> is in the prescribed National Ambient Air Quality Standard at monitoring station 1,2 falls within prescribe limit and 3 falls slightly above the prescribe limit. All other pollutants concentration was found within prescribed standards.

The above status of ground water quality & Ambient Air Quality is submitted for information please.

**Annexure:- As above**

  
**Chief Chemist**



**Central Laboratory**  
**M.P. Pollution Control Board, Bhopal [M.P.]**  
E/5, Arera Colony, Paryawaran Parisar, Bhopal - 462016



TC-8568

R-02 (C)

**Test Report**

Report No. - 238/1-6

Sample from

Regional Office, M.P. Pollution Control Board, Bhopal.

Letter No. 1882, Dated 27/03/2021

Sample Description :

Water Samples

1. Tube Well Water of Ram Bharose Lodhi House Ratan Nagar Raslakhedi Near Bhanpur Khanti
2. Tube Well Water of Banesingh House Khejda Baramad.
3. Tube Well Water Halku Singh Khejda Baramad Near Bhanpur Khanti .
4. Hand pump Water of Narmada Prashad House in front of Hanuman Mandir, Village Bhanpur, Bhopal
5. Tube Well Water Near House of shri Kapil Gour Village Bhanpur, Bhopal
6. Tube Well Water of Shinging Bios & Herbal LLP office Village Mohali, Bhopal

Sample Container :

Polyethylene bottle

Sample Volume :

6x1 ltr

Collected on :

27/03/2021

Received on :

27/03/2021

Collected by:

Regional Office, M.P. Pollution Control Board, Bhopal

S. No.	Analyte Tested	Unit	Method No:- APHA, 23 <sup>rd</sup> Edition, 2017	1	2	3	4	5	6
1.	pH	pH Unit	4500 pH <sup>+</sup> B	7.61	7.68	7.76	7.77	7.79	7.66
2.	Total Dissolved Solid	mg/l	2540-C	312	338	420	376	404	318
3.	Chloride	mg/l	4500-Cl <sup>-</sup> B	84.14	77.29	79.25	66.53	73.38	70.44
4.	Total Hardness	mg/l	2340 C	298	286	382	346	244	236
5.	Nitrate	mg/l	4500-NO <sub>3</sub> B	14.56	16.18	16.82	15.68	17.56	15.12
6.	Sulphate	mg/l	4500-SO <sub>4</sub> <sup>2-</sup> E	44.84	48.76	46.52	44.18	45.66	43.56

Authorized Signatory  
(Dr. Alok Saxena)  
Chief Chemist  
Central Laboratory MPPCB, Bhopal



(12)

**Central Laboratory**  
**M.P. Pollution Control Board, Bhopal [M.P.]**  
E/5, Arera Colony, Paryawaran Parisar, Bhopal – 462016

**Test Report**

Report No. - 238/1-6

Sample from : Regional Office, M.P. Pollution Control Board, Bhopal.  
Letter No. 1882, Dated 27/03/2021

Sample Description : Water Samples

1. Tube Well Water of Ram Bharose Lodhi House Ratan Nagar Raslakhedi Near Bhanpur Khanti
2. Tube Well Water of Banesingh House Khejda Baramad.
3. Tube Well Water Halku Singh Khejda Baramad Near Bhanpur Khanti .
4. Hand pump Water of Narmada Prashad House in front of Hanuman Mandir, Village Bhanpur, Bhopal
5. Tube Well Water Near House of shri Kapil Gour Village Bhanpur, Bhopal
6. Tube Well Water of Shinging Bios & Herbal LLP office Village Mohali, Bhopal

Sample Container : Polyethylene bottle  
Sample Volume : 6x1 ltr  
Collected on : 27/03/2021  
Received on : 27/03/2021  
Collected by: Regional Office, M.P. Pollution Control Board, Bhopal

S. No.	Analyte Tested	Unit	Method No. :- APHA, 23 <sup>rd</sup> Edition, 2017						
				1	2	3	4	5	6
1.	Colour*	(Hazens)	2120-B	5	5	5	5	5	5
2.	Odour*	Threshold no	2150 B	Odour less					
3.	Total Coliform*	MPN/100ml	9221-E	>1600	>1600	>1600	34	920	240

Remark - \*Parameter not covered in ISO 17025:2017.

(A)

**Authorized Signatory**  
**(Dr. Alok Saxena)**  
**Chief Chemist**  
**Central Laboratory MPPCB Bhopal**

End of report.

12

**REGIONAL OFFICE,,  
M.P POLLUTION CONTROL BOARD,  
Paryawaran Parisar, E-5 , Arera Colony, Bhopal (M.P)**

**ANALYSIS REPORT**

Report No. 1075/March/2021

Sample from:- Ambient Air Monitoring at Bhanpur Khanti, Bhopal

S. No.	Description of sample	Date of collection	Collected by	Date of analysis
1.	Ambient Air Monitoring Near Village Mohali Damkheda Bhanpur Khanti Bhopal	26/03/2021	Mr. Kashyap, Sampler, Regional Office, M. P. Pollution Control Board, Bhopal	27/03/2021
2	Ambient Air Monitoring Near Toll Kanta Bhanpur Khanti Bhopal			
3	Ambient Air Monitoring Near Temple at Village Khejda Bhanpur Khanti Bhopal			

**AMBIENT AIR MONITORING**

S. No.	Analyte Tested	Unit	Result 1	Result 2	Result 3
1.	Respirable Suspended Particulate Matter PM 10	$\mu\text{g}/\text{M}^3$	89.4	110.6	82.2
2.	Particulate Matter 2.5 (PM <sub>2.5</sub> )	$\mu\text{g}/\text{M}^3$	48.4	49.8	35.6

Remark  Show that the parameter exceeds the prescribed limit.

  
Chief Chemist