

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH  
ORIGINAL APPLICATION NO. 452 OF 2022**

**IN THE MATTER OF:**

Capt. Brajesh Bharadwaj

...Applicant

Versus

State of Madhya Pradesh

...Respondent(s)

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**FILED BY**

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**REGIONAL OFFICE**  
**M.P. POLLUTION CONTROL BOARD, JABALPUR**

**Sub: Inspection report – Site located at Awaeghani Rayyat village, Khawasa, near Turiya Gate, Seoni (M.P).**

Ref: Hon' able NGT orders dated 17<sup>th</sup> October 2022 in the matter pertaining to Appeal no. 452/2022 – Capt. Brajesh Bharadwaj Vs State of Madhya Pradesh.

Hon' able NGT in its order dated 17<sup>th</sup> October 2022 in the matter pertaining to Appeal. no. 452 / 2022, ordered the M.P. Pollution Control Board to take appropriate remedial action with reference to the violation noticed in the report of Joint Committee.

The undersigned accompanied the team of SFRI in their inspection carried on 10<sup>th</sup> January 2023. Based on the available information and the inspection following observations were made:

1. The inspection was carried out in the site of disputed construction. This disputed site falls in khasra no. 31 and admeasures 7.190 Hectares as per the report of the Joint Committee.
2. As mentioned in the report of Joint Committee, following constructions were undertaken at the site:
  - a. Water pound development by deepening, broadening and stone pitching of existing Talab.
  - b. Landscaping using the extracted earth of the Talab.
  - c. Fencing of the plot with chain linked fence having height ranging from 6 to 8 feet.
  - d. Two (brick walled) rooms / structures with tin roofs & false ceiling.
  - e. A garden in front of the rooms / structures.
3. Nothing objectionable has been pointed out by the Joint Committee in its report, except the high chain linked fencing, this according to the property owner has been undertaken protection of agriculture produce from the animals.
4. As per the recommendations (Point 5.1 para 1) of the Joint Committee report, no additional construction or any commercial activity could be observed at site during the visit.
5. Ambient air quality monitoring was carried out at the site during the visit. The measured values are with the prescribed limits. (Results enclosed as **Annexure – 1**)

6. Water samples were collected from the Talab / Pond and the ground-water for quality testing. The observed values reveal that the surface water & ground-water quality is normal. (Results enclosed as **Annexure – 2 (a) & (b)**).
7. Noise level monitoring carried out at site also revealed that the noise level is normal and within the prescribed limits. (Results enclosed as **Annexure – 3**)
8. It was informed by Dr Aniruddh Majumdar, Scientist SFRI that the matter regarding impact assessment study of the site is under finalization and the same shall be intimated accordingly.
9. As the site is located in the jurisdiction of District Seoni, thus, a copy of the proceedings may please be endorsed to District Administration Seoni for response and ATR instead of Chhindwara.
10. MPPCB has already written a letter with copy of the orders of Hon'able NGT, to all the concerned Authorities (District Collector Seoni, APCCF Working Plan Forest Department Jabalpur, Regional Office MoEF Bhopal, Director Pench Tiger Reserve Seoni, ADM, Chhindwara and SDM, Kurai, Seoni) for submission of their Action Taken Reports. However, the ATR from them is still awaited.



**(Dr. Avinash Chandra Karera )**  
**Chief Chemist,**  
**MPPCB, Jabalpur**

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## Site photographs



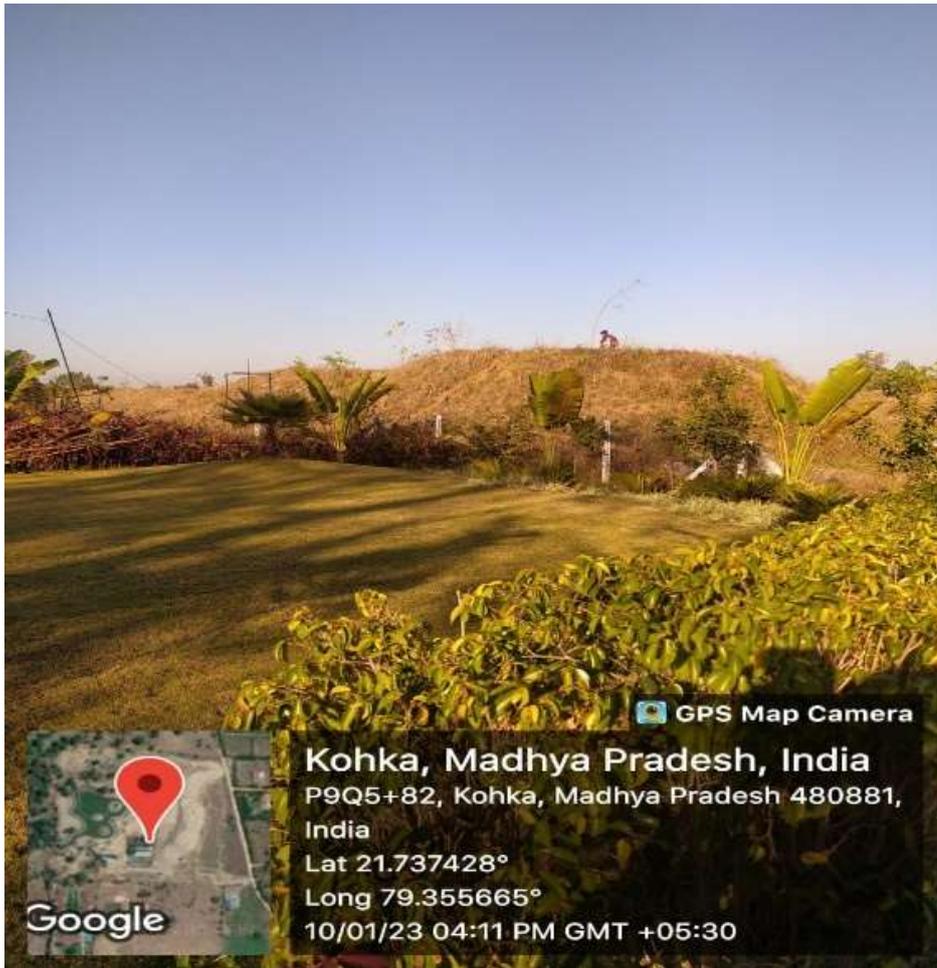
Talab / Pond



**SFRI Team**



**Chain linked fencing along the periphery of the site**



**Landscaping and Garden Developed at site**

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<b>M.P. POLLUTION CONTROL BOARD</b>							
Plot No. :455,456,,Vijaynagar, Jabalpur ( M.P. )							
<b>AIR QUALITY MONITORING REPORT</b>							
1.Name of Industry : Pench Area ,Distt.Seoni (M.P.)							
2.Date of monitoring:- 10/01/2023							
3.Date of Analysis :- 11/01/2023							
4.Monitored by :- Dr. A.C.Karera, Chief Chemist, & V.K.Kushwaha, LA, RO Jabalpur							
5.Reference :-		NGT O.A. No.452/2022		Analysis No. 01 /123		Bill No	
<b>A - STACK EMISSION</b>							
Sr.No.	Monitoring Point	Unit	CHARACTERISTICS				
			TPM	SO <sub>2</sub>	NO <sub>x</sub>		
		mg/Nm <sup>3</sup>					
COMMENTS :-							
<b>B – AMBIENT AIR MONITORING</b>							
Sr.No.	Monitoring Point	Duration & Time	Unit	CHARACTERISTICS			
				RSPM	SO <sub>2</sub>	NO <sub>x</sub>	
1.	Awaeghani Rayyat Village,Khawasa,near Turaiya gate,Distt.Seoni	480 min.	µg/m <sup>3</sup>	63.0	BDL	12.0	
COMMENTS :							
<b>C – REMARKS:-</b>							
1. <input type="checkbox"/> Shows that the parameter exceeds the prescribed limit.							
2. Clear weather was prevailing during monitoring.							
3. The parameters conform to prescribed standard as par M.P. Gazette March 1988.							
Jr. Scientist				Laboratory In charge.			

**Annexure -2 (a)**

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**M.P. POLLUTION CONTROL BOARD**  
 Plot No. : 455, 456,, Vijaynagar, Jabalpur ( M.P. )  
**LIQUID SAMPLE ANALYSIS REPORT**

Sample from :- Surface water sample, Pench Area, Awaeghani Rayyat Village, Khawasa, near Turaiya gate, Distt. Seoni (M.P.);			
Sample Details : Lake water sample ( sample collected in reference to NGT OA-452/2022)			
Date of Collection :- 10/01/2023		Analysis No. 58/123	Bill No. Dt.
Date of Receipt :- 11/01/2023			
Date of Analysis :- 11/01/2023		Sample collected by :- Shri V.K. Kushwaha, L.A.	
Analysis Done By :- Dr. Shubhi Mathur, Jr. Scientist			
SN O	Parameters	Unit	Result I
<b>A – PHYSICAL PARAMETERS</b>			
1.	Temperature	°C	19.5
2.	Turbidity	N.T.U.	2.0
3.	Colour	-	Colourless
4.	Odour	-	-
5.	Specific Conductivity	µmho/cm	299.6
<b>B - CHEMICAL PARAMETERS</b>			
6.	pH	-	7.34
7.	Total Alkalinity	mg / l	26.0
8.	Total Hardness ( as CaCO <sub>3</sub> )	mg / l	130.0
9.	Calcium Hardness ( as CaCO <sub>3</sub> )	mg / l	76.0
10.	Magnesium Hardness ( as CaCO <sub>3</sub> )	mg / l	54.0
11.	Chloride	mg / l	15.00
12.	Total Solids	mg / l	263.0
13.	Dissolved Solids	mg / l	242.0
14.	Suspended Solids	mg / l	21.0
15.	Ammonical Nitrogen ( as N )	mg / l	0.04
16.	Nitrite Nitrogen ( as NO <sub>2</sub> )	mg / l	0.009
17.	Nitrate Nitrogen ( NH <sub>3</sub> )	mg / l	0.28
18.	Total Kjeldahl Nitrogen ( as N )	mg / l	-
19.	Fluoride	mg / l	BDL
20.	Dissolved Oxygen	mg / l	6.9
21.	B.O.D. ( 3 days, 27 °C )	mg / l	1.4
22.	C.O.D.	mg / l	10.0
23.	Sulphate	mg / l	7.0
24.	Phosphate ( as P )	mg / l	0.15
25.	Lead (Pb)	mg / l	-
26.	Chromium ( Cr <sup>+6</sup> )	mg / l	-
27.	Copper ( Cu )	mg / l	-
28.	Zinc ( Zn )	mg / l	-
29.	Iron ( Fe )	mg / l	-
30.	Cadmium	mg / l	-
<b>C - BIOLOGICAL PARAMETERS</b>			
31.	Total Coliform	MPN/100ml	41.0
32.	Feecal Coliform	MPN/100ml	-

Junior Scientist

Lab in-charge

## Annexure -2 (b)

<b>REGIONAL OFFICE</b>		Fax & Ph. 5042780	
<b>M.P. POLLUTION CONTROL BOARD</b>			
Plot No. : 455, 456,, Vijaynagar, Jabalpur ( M.P. )			
<b>LIQUID SAMPLE ANALYSIS REPORT</b>			
Sample from :- Ground water sample, Pench Area, Awaeghani Rayyat Village, Khawasa, near Turaiya gate, Distt. Seoni(M.P.);			
Sample Details : Bore well water sample ( sample collected in reference to NGT OA-452/2022)			
Date of Collection :- 10/01/2023		Analysis No. 59/123	Bill No. Dt.
Date of Receipt :- 11/01/2023			
Date of Analysis :- 11/01/2023		Sample collected by :- Shri V.K.Kushwaha, L.A.	
Analysis Done By :- Dr. Shubhi Mathur, Jr. Scientist			
SNO	Parameters	Unit	Result
<b>A – PHYSICAL PARAMETERS</b>			
1.	Temperature	°C	21.0
2.	Turbidity	N.T.U.	1.0
3.	Colour	-	Colourless
4.	Odour	-	-
5.	Specific Conductivity	µmho/cm	539.7
<b>B - CHEMICAL PARAMETERS</b>			
6.	pH	-	7.71
7.	Total Alkalinity	mg / l	56.0
8.	Total Hardness ( as CaCO <sub>3</sub> )	mg / l	310.0
9.	Calcium Hardness ( as CaCO <sub>3</sub> )	mg / l	176.0
10.	Magnesium Hardness ( as CaCO <sub>3</sub> )	mg / l	134.0
11.	Chloride	mg / l	11.0
12.	Total Solids	mg / l	466.0
13.	Dissolved Solids	mg / l	457.0
14.	Suspended Solids	mg / l	09.00
15.	Ammonical Nitrogen ( as N )	mg / l	0.09
16.	Nitrite Nitrogen ( as NO <sub>2</sub> )	mg / l	0.11
17.	Nitrate Nitrogen ( NH <sub>3</sub> )	mg / l	3.6
18.	Total Kjeldahl Nitrogen ( as N )	mg / l	
19.	Fluoride	mg / l	0.08
20.	Dissolved Oxygen	mg / l	-
21.	B.O.D. ( 3 days, 27 °C )	mg / l	0.8
22.	C.O.D.	mg / l	10.0
23.	Sulphate	mg / l	34.0
24.	Phosphate ( as P )	mg / l	0.19
25.	Lead (Pb)	mg / l	-
26.	Chromium ( Cr <sup>+6</sup> )	mg / l	-
27.	Copper ( Cu )	mg / l	-
28.	Zinc ( Zn )	mg / l	-
29.	Iron ( Fe )	mg / l	-
30.	Cadmium	mg / l	-
<b>C - BIOLOGICAL</b>			
31.	Total Coliform	MPN/100ml	8.3
32.	Feecal Coliform	MPN/100ml	-

Junior Scientist

Lab in-charge

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<b>M.P. POLLUTION CONTROL BOARD</b>						
Plot No. 455/456, Vijaynagar, Jabalpur ( M.P. )						
<b><u>NOISE MONITORING REPORT</u></b>						
1.Name of Industry/Location: Awaeghani Rayyat Village,Khawasa, near Turaiya gate, Distt.Seoni(M.P.)						
2.Date of monitoring :- 10/01/2023						
3.Monitored by : Dr.A.C.Karera, Chief Chemist & Shri Vijay Kushwaha, L.A. Jabalpur						
4.Reference : In reference to NGT O.A.No.452/2022						
S.N.	Monitoring Point.	Duration Time	Noise in <u>dB(A)</u> <u>Leq.</u>	Limits in dB (A)Leq.		
				Area	Day	Night
1.	Near Awaeghani Rayyat Village,Khawasa, near Turaiya gate, Distt.Seoni(M.P.)	1-2 PM	48.8	Industrial	75	70
				Commercial	65	55
				Residential	55	45
				Silence Zone	50	40
<b>REMARKS:</b> - Day time 6 Am to 10 Pm & Night Time 10 Pm to 6 am. Instrument used Cirrus Research PLC.S. No SER. Go 61540.						
<b>Monitored by</b>				<b>Lab in charge.</b>		