

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO. 552 OF 2022**

IN THE MATTER OF:

Ravi Tripathi

...Applicant

Versus

State of Madhya Pradesh

...Respondent(s)

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RAGHAV SHARMA

Advocate for Respondent i.e., MPPCB

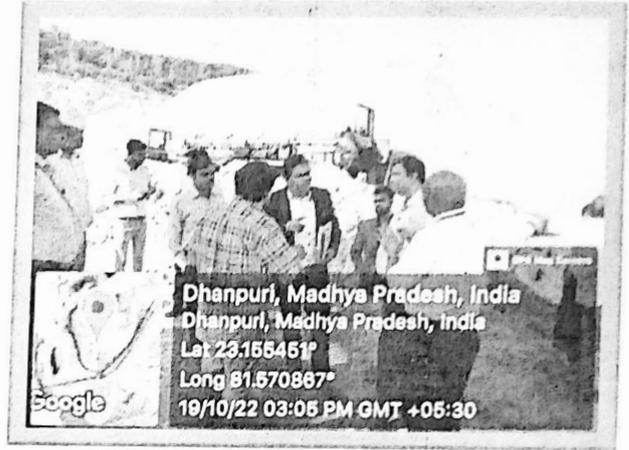
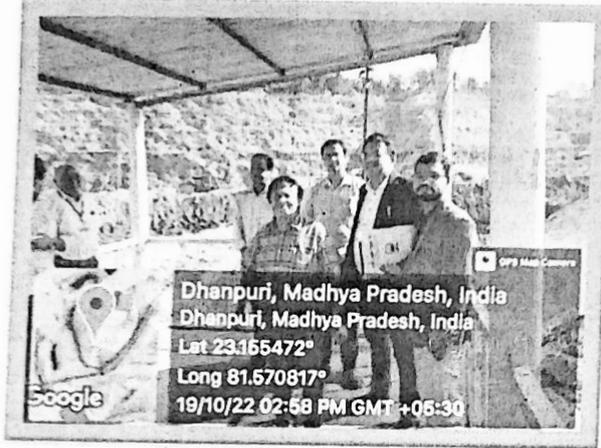
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JOINT COMMITTEE REPORT
ON
Hon'ble NGT order dated 06.09.2022 in
OA No. 552/2022 (Principal Bench) in the matter of
Ravi Tripathi Vs State of Madhya Pradesh



Date of Inspection: 19/10/2022

By

Joint Committee members

1. Dr. Yogendra Kumar Saxena, Scientist 'C', Central Pollution Control Board, Bhopal, (M.P.) (Representative of the Central Pollution Control Board)
2. Dr. Manoj Vishwakarma, Scientist, M.P. State Wetland Authority (EPCO); Bhopal, (M.P.) (Representative of the State Wetland Authority)
3. Sh. Kamlesh Ojha, Scientist 'B', Central Ground Water Authority, Bhopal, (M.P.) (Representative of the Central Ground Water Board)
4. Smt. Pragati Verma, SDM Sohagpur, Shahdol (M.P.) (Representative of the District Magistrate, Dist-Shahdol)
5. Sh. R. N. Chaudhary, SDO (forest) Jaitpur, Shahdol (M.P.) (Representative of the District Forest Officer, Dist-Shahdol)
6. Sh. Sanjeev Kumar Mehra, RO, MPPCB, Regional Office, Shahdol, (M.P.) (Representative of the M

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Factual Report of the Joint Committee constituted by Hon'ble NGT
order dated 06.09.2022 in OA No. 552/2022 (PB) in the matter of
Ravi Tripathi Vs State of Madhya Pradesh

Hon'ble National Green Tribunal, Principal Bench, New Delhi was pleased to pass an order on 06.09.2022 in the original application no. 552/2022 in the matter of Ravi Tripathi Vs State of Madhya Pradesh. The directions of the order are as follows:

"Mr. Ravi Tripathi has sent the present letter petition, which is treated and registered as Original Application, complaining that in Sohagpur area in District Shahdol, Madhya Pradesh, none of the coal mines is operating in compliance of environmental norms. Green trees have been covered by overburden, mortality of wildlife has been increased, ground water level has been depleted and ponds have been dried up in the villages surrounding the coal mines area resulting in water scarcity in the area, damage to environment and grave health risks to the residents of the locality."

Accordingly, we constitute a Joint Committee comprising of representative of CPCB, Central Ground Water Authority, Regional Office, Bhopal, State PCB, State Wetland Authority, Divisional Forest Officer and Collector, Shahdol and direct the same to meet, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representatives of the concerned project proponents, verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance.

(Copy of the order is enclosed at Annexure – 1.)



In compliance of the Hon'ble NGT order the following committee members are nominated for conducting the field visit and submitting the factual report by the concerned departments.

1. Dr. Yogendra Kumar Saxena, Scientist 'C', Central Pollution Control Board, Bhopal (M.P.) (Representative of the Central Pollution Control Board)
2. Dr. Manoj Vishwakarma, Scientist, M.P. State Wetland Authority (EPCO), Bhopal (M.P.) (Representative of the State Wetland Authority)
3. Sh. Kamlesh Ojha, Scientist 'B', Central Ground Water Authority, Bhopal (M.P.) (Representative of the Central Ground Water Board)
4. Smt. Pragati Verma, SDM Sohagpur, Shahdol (M.P.) (Representative of the District Magistrate, Dist-Shahdol)
5. Sh. R. N. Chaudhary, SDO (Forest) Jaitpur, Shahdol (M.P.) (Representative of the District Forest Officer, Dist-Shahdol)
6. Sh. Sanjeev Kumar Mehra, RO, MPPCB, Regional Office, Shahdol (M.P.) (Representative of the MPPCB)

(Copies of the nomination letters are enclosed at **Annexure – 2.**)

The team comprised of all 6 members had inspected the different mines, nearby ponds, and villages around the mines on October 19, 2022. Copy of the attendance sheet of joint inspection team is enclosed as **Annexure –3.** Photograph of joint inspection team at different locations is also enclosed as **Annexure – 4.**



A. General Information About Sohagpur Coal Field

The South Eastern Coalfields Limited (SECL) is one of the eight subsidiaries of Coal India Limited (CIL) and the largest coal producing company of India with its headquarters at Bilaspur, Chattisgarh. SECL comes under administrative control of Ministry of Coal, Government of India. The coal reserve of SECL has spread over the states of Chhattisgarh and Madhya Pradesh. Present report is about the Sohagpur Area of SECL which is one of the 13 Coal producing Area of SECL. Sohagpur Area falls under the Central India coal field and it is located in Shahdol and Anuppur district of Madhya Pradesh. The nearest town is Anuppur which is about 10 Km away. The area is very well connected both by rail & road. The nearest Railway Station is Burhar Railway Station and nearest highway is Rewa-Amarkantak road (State-Highway No. 43) passes through the area.

The mines of Sohagpur area are in operation after the nationalization for more than 50 years continuously and are main reason behind progress, prosperity and economic development of the area. There are seven mines operational in this area out of which two mines are open cast, four mines are underground and one mine is mixed type. The present scenario of coal mines in Sohagpur area is given below:-

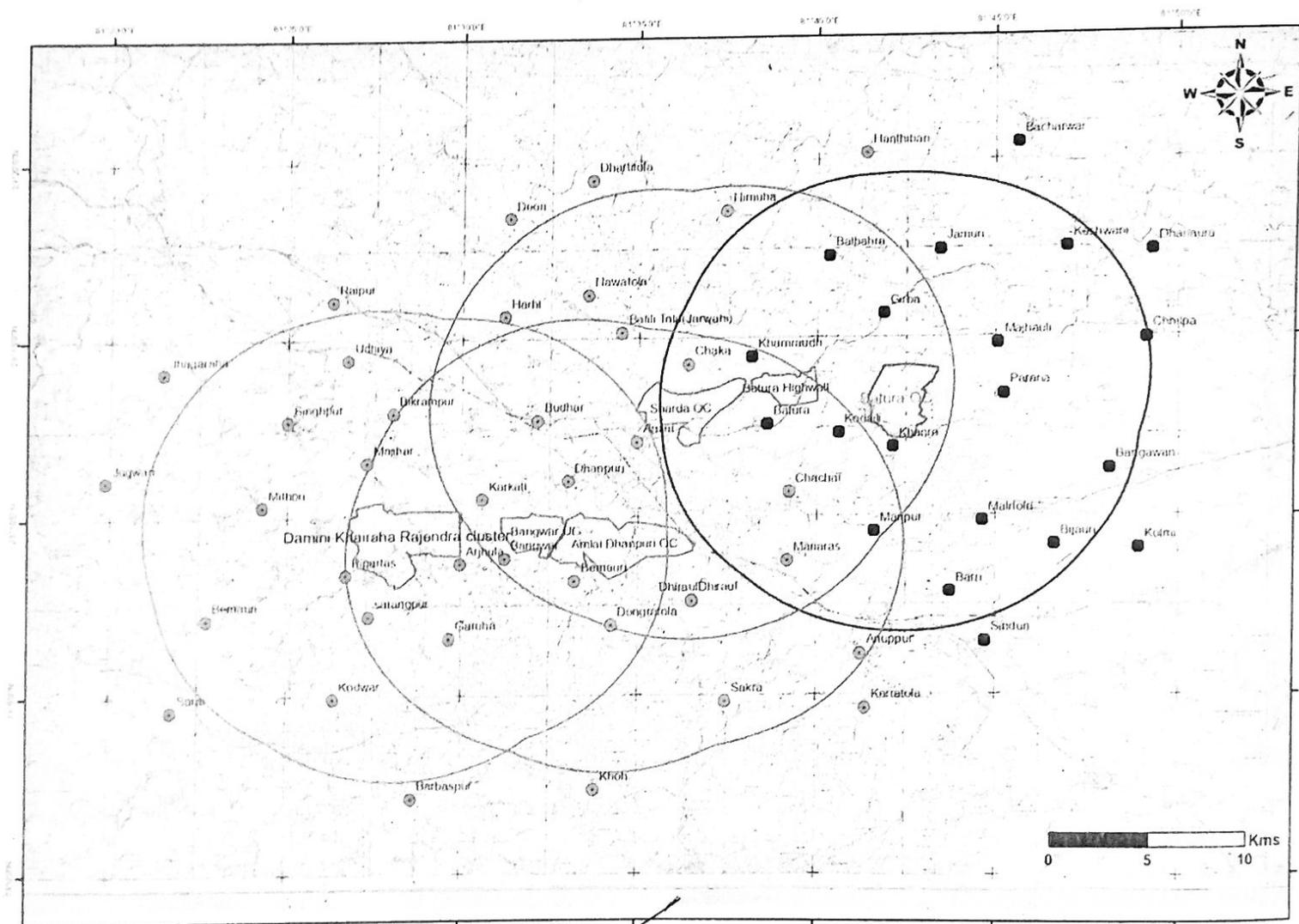
Table 1 : Present scenario of coal mines in Sohagpur Area

S. No.	Name of the mine	OC/UG	Production Capacity (MTPA)		ML area (Ha)
			Normative	Peak	
1	Khairaha UG Mine	UG	--	0.819	472.065
2	Rajendra UG Mine	UG	--	0.625	590
3	Bangwar UG Mine	UG	--	0.65	496.647
4	Damini UG Mine	UG	--	0.48	335
5	Amlai OC Sec B Mine	OC	1.5	2.025	190.995

6	Dhanpuri OC Mine	OC	2	2.725	1075.78
7	Sharda High wall	Mixed	--	0.85	871.205
TOTAL			3.5	8.174	4031.692

B. Topography, Drainage and Climate

The Sohagpur Area has a gentle rolling topography with a general slope towards North. The area is situated in the drain Valley of Son River. The area is characterized by a tropical climate. The average annual rainfall in the area was reported as 1298 mm. Two perennial *Nalas* i.e. Baisaha and Sarpha *Nalas* are flowing through the Area towards the north. The maximum and minimum temperature range from 46⁰C (June) and 0⁰C (January).



C. Details of Statutory Clearance Issued to Coal Mine in Soghapur Coalfield Area:-

Table:- 2

Sl.No.	Name of Mines	Forest Clearance with Forest Area Involved	Environmental Clearance Date	HW Authorization	Ground Water NOC Validity Date	Consent to Operate
1	Amlai OC Sector-B Mines	166.920 Ha, Final stage 8-12/2015-FC dated 07.07.17	J-11015/36/2010-IA-II(M) Date 28.6.2011.	H-53854 valid till 30.06.2026	Application under process	Consent No:AW-56225 valid till 30.06.2023
2	Bangwar UG Mine	FC 513.296 Ha Final Stage 195/84 dated 15.12.1986	J-11015/69/82-EN.5 Date 24.5.1985	H-53392 valid till 31.10.2025	CGWA/NOC/MIN/ORIG/2021/13955 dated 03.12.21 Valid till 02.12.2023	Consent No:AW-56772 valid till 31.10.2023
3	Damni UG Mine	No Forest Land Involved	J-11015/47/2002-IA-II(M) Date 05.10.2004.	H-48194 Valid till 28.02.2023	CGWA/NOC/MIN/ORIG/2022/16142 dated 25.08.2022 Valid till 24.08.2024	Consent No:AW-55520 valid till 31.12.2022
4	Dhanpuri OC Mine	FC 87.612 Ha, Final Stage 8-47/2010-FC (pt) dated 02.08.16.	J-11015/36/2010-IA-II(M) Date 28.6.2011.	AWH-53381 Valid till 29.06.2025	Application under process	Consent No:AW-55840 valid till 31.03.2023
5	Khairaha UG Mine	No Forest Land Involved	J-11015/72/2004-IA-II(M) Date 11.01.2019	AWH-49560 valid till 31.12.2024	CGWA/NOC/MIN/ORIG/2021/13751 dated 16.11.2021 Valid till 15.11.2023	Consent No:AW-54664 valid till 31.12.2022
6	Rajendra UG Mine	113.110 HA Final stage F.No. 8-220/1991-FC dated 26.08.11	J-11015/64/2005-IA-II(M) Date 24.5.2005.	H-48746 valid till 29.06.2023	CGWA/NOC/MIN/ORIG/2021/13603 dated 02.11.21 Valid till 01.11.2023	Consent No:AW-55616 valid till 31.03.2023
7	Sharda OC Mine	FC 18.611 Ha, Final Stage 6-MPC/026/2015-BHO.1197 dated 23.12.16.	J-11015/152/2008-IA-II(M) Date 09.02.2011	AWH-52572 valid till 29.06.2025	CGWA/NOC/MIN/ORIG/2022/14881 dated 23.03.22 Valid till 22.03.2024	Consent No:AW-54755 valid till 30.11.2022

D. Main Observation during the Joint Inspection

1. Status of ground water level :-

During visit it has been found that no perennial reservoirs/ ponds are existing in Sohagpur area. All existing Taalab are seasonal type having area less than about 1.5 hectare.

- To assess the ground water scenario committee has visited pond of Navgaon village near Khairaha UG Mine at Latitude 23.1699° and Longitude 81.4901° and pond of Bemhauri village near Amlai OC Mine named "Ramsagar Taalab" at Latitude 23.1344° and Longitude 81.5503° and "Rani Taalab" at Latitude 23.1345° and Longitude 81.5502°. All these ponds are found full with water which are used by village people for their daily use like bathing, washing, and fishing and for growing vegetable 'water chestnut'.

(Photographs of all the ponds are enclosed as **Annexure - 5**)

- Committee has also inspected the well digged in the house of Sanjat Kumar in village Chirhiti at Latitude 23.1475° and Longitude 81.4860° and in the house of Ram Sobhit Mishra village Bemhauri Latitude 23.1345° and Longitude 81.5503°. In both the wells, water is easily available at depth of about 2.5 meter.

(Photographs of both the wells are enclosed as **Annexure - 6**).

- It is advised by the committee member that the coal mine project shall construct peizometer with DWLR mechanism with telemetry system within their premises to monitor ground water level on daily/monthly basis.
- Inspection team has also checked the hand pump constructed by PHED (State Government Authority) in front of house of Shri Babulal Kol at Latitude 23.1474° and Longitude 81.4832° and in front of veterinary hospital Bemhauri. The water was easily extracted from both the hand

pumps in sufficient quantity even in pre monsoon season said by the village female beneficiary.

(Photographs of the hand pump are enclosed as **Annexure- 6**)

- Water supply of Shahdol Nagar Palika is based upon mine out water of Damni, Khairaha and Rajendra underground mine through Sarfa Nalla. Nagar Palika Parishad Shahdol has reported by their letter no. 2261 dated 24.6.2022 to Regional Office MPPCB that the quality of water in Sarfa Nala in which water is coming from Sohagpur coal field area is satisfactory, & till that date any complaint regarding water quality from common citizen has not been received. (Copy of the letter is enclosed as **Annexure- 7**)
- Committee has also seen ground water recharge structure during the visit. The Sohagpur Area mine management has constructed 6 rain water harvesting structure at different location within core zone in their premises. Details of the Rain Water Harvesting structure are appended below:

Table 3: Sohagpur Area Rain Water Harvesting Structures

S.No	Place/ Location	Location from mine	Top Area (m ²)	Runoff Coefficient	Runoff, Q (m ³ /yr)
1	KalyanMandap, Rajendra Colony	Core zone	150	0.85	205.53
2	Manager Office, Khairaha UG	Core zone	125	0.85	171.275
3	Manager Office, Dhamni UG	Core zone	200	0.85	274.04
4	Near Sub Area Manager Office, Dhanpuri OCP	Core zone	750	0.85	1027.65
5	Near Manager Office, Amlai OCP	Core zone	1458.57	0.85	1998.53
6	Rungta Dispensary	Core zone	221	0.85	237.63
	Total (m ³ /Year)				3914.65

2. Status of Wildlife & Their Health Risk :-

In the coal mines, the chance of direct impact on the life of animals is very less due to following reasons:

- Advance technologies are being used for blasting.
- The Over Burden waste generated are not toxic/hazardous in nature.
- At Sohagpur Area, huge quantity of plantation is done every year on Over Burden Dump area by MPRVVN (Madhya Pradesh Rajya Van Vikas Nigam) with 4 year maintenance, which has eventually developed a dense green belt around the mines. This plantation area has also become a habitat for the wildlife like deer, monkeys etc.

During previous year one deer was died due to a road accident near coal mine area at Sohagpur. The incident happened on a public road and registration number of the vehicles by which the animal died is still unidentified. No direct relation has been found between coal mining & this road accident. Panchnama w.r.t. accident of animal is submitted which reads that the cause of death is due to road accident not because of coal mining activity (Copy of panchanama is enclosed as **Annexure – 8**).

Apart from this incidence, after that no other incident has been reported to the forest department. This is also pertinent that mining activity of SECL has been continued since last more than 50 years.

3. Status of Fencing Around the Mines :-

- I. The boundary of the mines is fenced by barbed wire in most of the area. Some parts where fencing was not found, mine administration informed about theft of the wires. Mine administration has also submitted the FIR copy of the same which is enclosed as **Annexure- 9**. Committee has also



seen that the restoration/reconstruction work of stolen fencing has also been in process and is likely to be completed in next one or two weeks. Instructions to complete ongoing restoration work are issued by MPPCB, Shahdol to mine management. As intimated by mine management due to frequent occurrence of theft cases by local Kabadi Mafia, this is general practice adopted by management to re-erect the fencing time-to-time after following due procedure of tendering & contract. (Photographs of fencing around the periphery of the mine is enclosed as **Annexure-10**)

- II. To keep the cattle's away from mine pit area, toe wall made by stone boulder is also constructed in some part of the periphery of mines.

4. Ambient Air Quality :-

Ambient air quality monitoring is done recently by Regional Office, MPPCB, Shahdol manually, result of which indicate compliance of stipulated prescribed limit as evident from **Annexure- 11**. A summarizes result of which is mention in below table:-

Table: 4 Ambient Air Quality Monitoring Result Conducted by MPPCB Shahdol

(Date of Sampling – 11.10.2022 & 12.10.2022)

Name of Mine	Sampling Point (near)	Particulate Matter (PM ₁₀) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Nitrogen Dioxide (NO ₂)(µg/m ³)	Average Noise Level (dB)
Amlai OC Mine	Sub Area Office	86.57	12.19	16.47	61.24
	Coal Area Loading Point	92.13	14.73	18.89	68.39
Bangwar UG Mine	Manager Office	68.71	11.24	15.46	60.12
	Substation	71.92	13.97	18.06	55.21
Damini UG Mine	Manager Office	60.36	11.38	14.25	62.57
	Substation	65.51	15.71	18.48	69.31
Dhanpuri OC Mine	MTK Office	89.71	12.86	16.24	63.49
	D – Sector	94.76	15.31	19.08	69.04
Khairaha UG	Manager	71.43	10.98	12.69	61.74

Mine	Office				
	Substation	74.87	13.05	15.36	67.32
Rajendra UG Mine	Sub Area Office	62.84	14.51	17.92	59.77
	Manager Office	66.48	17.62	23.54	64.81
Sharda OC Mine	Manager Office	82.58	13.47	15.01	64.94
	Coal Area Loading Point	90.04	14.26	18.37	71.28

At Sohagpur Area two numbers of Continuous Ambient Air Quality Monitoring Stations (CO, NO₂, NO_x, NO, PM₁₀, PM_{2.5}, SO₂) are operating, one at Bangwar Colony near mining area and other at Regional Colony near Burhar Town. These monitoring stations are linked with the environmental surveillance system of Head Office, MP Pollution Control Board, Bhopal and the monitoring data is being sent to the server continuously and displayed at public domain. Results of these two stations also indicate compliance of stipulated standards. Result of last three month is enclosed as **Annexure 12**.

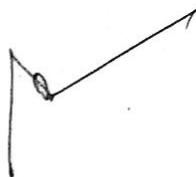
In light of compliance of stipulated standards w.r.t. ambient air and treated water, no health risk due to pollution from mining activities is envisaged / perceived. Opinion of area hospital are also submitted as **annexure- 13**.

5. Air Pollution Control Arrangement :-

To control the air born dust which is being generated during the mining operation of open cast and underground mines of the Sohagpur area, following pollution control measures were found operational during visit of joint committee.

Fixed Type Water Sprinklers are installed around the coal stock yard of OC and UG Mine and also along the coal transportation road of UG Mine of the area as detailed below:-

Table: 5



(Details of fixed type water sprinkler operating in each mine)

S.N.	Name of Mine	Nos of fixed type water sprinklers
1.	Amlai OC Sec B Mine	10 nos
2.	Bangwar UG Mine	10 nos
3.	Damni UG Mine	22 nos
4.	Dhanpuri OC Mine	24 nos
5.	Khairaha UG Mine	24 nos
6.	Rajendra UG Mine	24 nos
7.	Sharda OC Mine	23 nos

Joint committee has seen many mist guns and contractual water tankers in operation during visit, to control and suppress the air borne dust along the coal transportation road and at loading unloading site of the mine. Mist type mobile water tanker consumes less quantity of water while suppressing the air borne dust effectively in comparison to traditional water tanker. SECL is adopting modern pollution control technology mist fogg (**Annexure- 14**). Mines of Sohagpur coal area are having 6 nos of mist type truck mounted fogging machine of 12 KL capacity and 5 nos of heavy earth moving water mist tanker of 28 KL capacity for air pollution control.

Table: 6
(Details of mobile water sprinkler operating in each mine)

S.N.	Name of Mine	Nos of water tankers
1.	Amlai OC Sec B Mine	Mist fogging machine – 1 no Mist water tanker 28 KL – 1 nos
2.	Bangwar UG Mine	Mist fogging machine – 1 no Contractual water tanker – 1 no
3.	Damni UG Mine	Mist fogging machine – 1 no
4.	Dhanpuri OC Mine	Mist water tanker 28 KL – 4nos

5.	Khairaha UG Mine	Mist fogging machine – 1 no
6.	Rajendra UG Mine	Mist fogging machine – 1 no
7.	Sharda OC Mine	Mist fogging machine – 1 no Water Tanker (10 KL) – 1 nos

During inspection joint committee has seen conveyor belt, for coal handling covered from all side. It is also observed that truck used for transportation of coal are properly covered by Tarpaulin during inspection.

6. Water Pollution Control Arrangement :-

During joint visit, committee observed various water pollution control arrangement such as ETP and STP in the coal mines of Sohagpur Area to treat the mine out water and sewage from colony area.

Table: 7

Details of water pollution control arrangement in Sohagpur coalmine Area

Name of Mine	ETP (Capacity/Size) Mine Water Settling Tank	STP (Capacity)
Amlai OC Sec B Mine	One settling tank (750 KL)	1 MLD capacity STP (Activated Sludge Process) at Sanjay Nagar Colony
Dhanpuri OC Mine	Mine sump (300000 KL capacity) & one mine water treatment plant at Sanjay Nagar Colony for domestic use of Sanjay Nagar	
Bangwar UG Mine	Two nos of settling tank of 186 KI capacity & one Mine water treatment plant of 1638 KLD capacity	Oxidation pond for sewage treatment capacity of approx 2160 KL waste water (01 Ha. area)
Damini UG Mine	Two nos of settling tank of 2100 KI capacity and one polishing pond of 5180 KL capacity	SBR based STP installed at Rajendra Colony to treat 0.5
Khairaha UG Mine	1. Two settling tank of 200 KL capacity. 2. One pressure filter plant of 1638 KLD capacity. 3. One mine water filter plant of 2184	

	KLD capacity which supplies water to Khannath village.	MLD sewage.
Rajendra UG Mine	1. Two nos of settling tank of 600 KL Capacity. 2. One pressure filter. 3. One mine water treatment plant of 2184 KLD capacities which supplied water to Chirhiti village.	
Sharda OC Mine	Two Mine settling sump of capacity 277500 KL .	No Colony under Sharda OC. Employees resides in different colonies of area.

Sampling related to treatment of mine out water & sewage is also done by MPPCB, Shahdol results of which are also found within permissible limit as evident from **Annexure 15**.

7. Status of Plantation:-

Committee has seen dense plantation in all over Sohagpur Coal Area. Lush green field are clearly visible around the periphery of mine area and on both sides of the road approaching towards mine. The plantation work on the OB dumps of Open Cast Mine and subsidence land of the underground mines is done by the MP Rajya Van Vikas Nigam Limited (MPRVVNL) every year along with a 4 year additional maintenance and protection work. An MOU vide order no. SECL/BSP/Forest/MOU plantation/MPRVVNL/2018/190 dated 29.12.2018 has been signed between SECL and MPRVVNL for the plantation work. Phtographs of plantation at Sohagpur coal area **Annexure- 16**.

Table: 8
Details of plantation work done by mine management in last 5 years

S. N.	Name of Mine	Plantation in the Last 5 years	Plantation Area (HA)
1.	Amlai OC and Amlai OC Sec B Mine	1,16,500	58.25
2.	Bangwar UG Mine	2,600	1.04



3.	Damni UG Mine	4,000	1.6
4.	Dhanpuri OC Mine	1,39,500	55.8
5.	Khairaha UG Mine	12,000	4.8
6.	Rajendra UG Mine	58,000	23.2
7.	Sharda OC Mine	1,65,000	66

Table: 9
Details of plantation work since inception

S.N.	Name of Mine	No of Plantation done	Area in Ha
1.	Amlai OC Sec B Mine	2,57,375	102.95 Ha
2.	Bangwar UG Mine	31,799	12.72 Ha
3.	Damni UG Mine	8,500	3.4 Ha
4.	Dhanpuri OC Mine	6,40,175	256.070 Ha
5.	Khairaha UG Mine	17,000	6.8 Ha
6.	Rajendra UG Mine	2,30,267	92.1 Ha
7.	Sharda OC Mine	4,47,500	199.98 Ha
Total		16,32,616	674.02 Ha

During inspection no trees have been found covered by over burden. Small bushes have definitely got suppressed due to over burden in few places at Amlai open cast mine.

8. Coal Railway Siding at Burhar :-

Inspection team has visited Burhar railway siding from where the coal is loaded in the wagon and dispatched to desired places where ever required approximate 12 ft. high RCC wall is properly constructed about 1500 meter length along periphery. Committee has found that the complainant objection regarding Burhar railway siding about having no boundary wall is completely false. Fixed



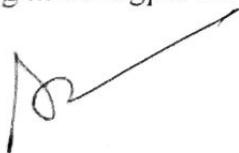
type water sprinklers system is also installed in the coal railway siding.
(Photographs of Burhar Railway Siding are enclosed as **Annexure - 10**)

9. Formation of committee:-

In compliance to order issued by honorable NGT, process for completion of committee formation was completed when nomination received from forest office on 13.10.2022. Accordingly all committee member's where informed about date of joint inspection and when confirmation of arrival and participation of all committee members are confirmed, the complaint is also intimated on 17.10.2022 by e-mail & by mobile phone also. SECL management was also informed on 17-10-2020. Even being local resident of this area, Initially complainant expressed inability of his presence or presence of his authorize person during joint visit by mail and insisted for extension of joint visit that was not possible because time limit of joint inspection is stipulated one month by honorable NGT. All the documents submitted by complainant to NGT are already available with the members. Committee member met with complainant during joint inspection. Complainant expressed his points of view and committee member have patiently heard him. Photograph regarding conversation of complainant with committee member is also enclosed as **Annexure- 4**. Complainant's father Shri Murli Tripathi is also present during discussion with villager of Bemhouree during joint visit. Photograph related to presence of his father during inspection is also enclosed as **Annexure-4**.

Conclusion:-

1. There is no such significant ground water depletion and any noticeable adverse impact has seen as on date on ground water level due to coal mining in Sohagpur coal field area.

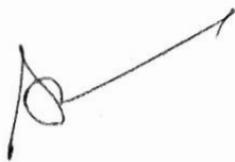


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- II. Ponds are seen filled with water & hand pumps are also found working so chances of water scarcity is not visible and foreseen in Sohagpur coal field area.
 - III. Results of Air & Water samples taken are found to be within limit hence any violations of environmental norms are not prevailing. According to ranking released by environmental surveillance center, Bhopal for last 3 years air quality index of Shahdol district and nearby anuppur district is always comes under satisfactory category.
 - IV. Fencing or toe walls are existing around the periphery of coal mines on most of the places. The area where barbed wire are stolen, the work of re-erection of the fencing is under construction for protection of animals.

Recommendations:-

For improvement and up gradation in existing status, committee recommends that: -

- I. The road MP SH 9A towards Khairaha UG Mine from Nehru Chowk, is not in good condition. The coal mine management should collaborate with relevant state government authorities and maintain this 11km stretch of MP state road after following due process of tendering & Contract to remove pot holes. CSR fund may be utilised for this public interest work.
- II. Mine management of Sohagpur coal area should improve/modify/beautify existing gardens in every coal mines and also increase the area of garden.
- III. Committee recommends to increase their plantation target by 25 to 50% more than last five year average from next year 2023-24.
- IV. Mine management of Sohagpur coal area should improve their water supply facility in nearby villages under CSR activity.



- V. It is also advisable that mine management of Sohagpur coal area should install piezometer with digital water level recorder mechanism equipped with telemetry system to monitor ground water level on regular basis.
- VI. Committee also like to recommend that for transportation of coal, at least 25% vehicle with automatic mechanical covering system in place of traditional Tarpaulin covered trucks should be used within one year and increased subsequently. Required amendment is proposed to be made in relevant act and in consent conditions by competent authority.
- VII. Mine management should construct at least one more rain water harvesting structure at appropriate location near to every operational mine apart from already existing rain water harvesting structure's.
- VIII. STP should be constructed at Bangwar UG Mine colony in view of upgrading the existing treatment facility oxidation pond for management of domestic waste water.

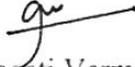




Sanjeev Kumar Mehra,
RO, MPPCB,
Shahdol, (M.P)



R. N. Choudhary,
SDO (forest), Jaitpur,
Shahdol, (M.P.)



Pragati Verma,
SDM, Sohagpur, Shahdol,
(M.P)



Kanfesh Ojha,
Scientist - B
Central Ground Water
Board, Bhopal,
(M.P.)



Dr. Manoj Vishwakarma,
Scientist
MP State Wetland
Authority (EPCO),
Bhopal. (M.P.)



Dr. Yogendra Kumar Saxena
Scientist - C
Central Pollution Control Board
Regional Directorate (Central)
Bhopal, M.P.

3

Item No.07

(Court No. 2)

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH(By Video Conferencing)
Original Application No. 552/2022

Ravi Tripathi ...Applicant
Versus
State of Madhya Pradesh ...Respondent

Date of hearing: 06.09.2022

CORAM: HON'BLE MR. JUSTICE ARUN KUMAR TYAGI, JUDICIAL MEMBER
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER

Applicant: None.

Application is registered based on a complaint received by Email.

ORDER

1. Mr. Ravi Tripathi has sent the present letter petition, which is treated and registered as Original Application, complaining that in Sohagpur area in District Shahdol, Madhya Pradesh, none of the coal mines is operating in compliance of environmental norms. Green trees have been covered by overburden, mortality of wildlife has been increased, ground water level has been depleted and ponds have been dried up in the villages surrounding the coal mines area resulting in water scarcity in the area, damage to environment and grave health risks to the residents of the locality.

2. This Tribunal is empowered to take cognizance of the cases involving questions relating to environment arising out of the implementation of enactments specified in First Schedule of the National Green Tribunal Act, 2010 *suo moto* as held by Hon'ble Supreme Court in Municipal Corporation of Greater Mumbai V/s. Ankita Sinha and others 2021 SSC Online SC 897. This Tribunal can also take cognizance of such cases on the basis of

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letter petitions in accordance with settled principles of law governing Public Interest Litigation.

3. *Prima facie*, the averments made in the application raise questions relating to environment arising out of the implementation of the enactments specified in Schedule I to the National Green Tribunal Act, 2010. In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representative of CPCB, Central Ground Water Authority, Regional Office, Bhopal, State PCB, State Wetland Authority, Divisional Forest Officer and Collector, Shahdol and direct the same to meet, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representatives of the concerned project proponents, verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance.

4. In case the Joint Committee observes any violation of consent conditions/environmental norms, then it shall forward a copy of its report to:-

(i) the concerned Project Proponents to enable them to comply with the recommendations in its report or file objections against its observations/recommendations and file their response before this Tribunal as desired within one month from the date of receipt of a copy of the report of the Joint Committee; and

(ii) the State PCB, State Wetland Authority, Divisional Forest Officer and Collector, Shahdol to enable them to take appropriate remedial action by giving notice to hearing the project proponent and following due process of law in accordance with Statutory provisions

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mandating them to take remedial action for prevention, control and abatement of environmental pollution/degradation and protection and improvement of environment and submit their action taken reports within one month from the date of receipt of a copy of the report of the Joint Committee.

The reports be submitted by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF.

5. List for further consideration on 14.12.2022.

6. A copy of this order, along with a copy of the application and documents attached with the same, be forwarded to the CPCB, Central Ground Water Authority, Regional Office, Bhopal, State PCB, State Wetland Authority, Divisional Forest Officer and Collector, Shahdol by e-mail for compliance.

Arun Kumar Tyagi, JM

Dr. Afroz Ahmad, EM

September 06, 2022
AG



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
(प्रदूषण, जन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)

दिनांक: 28 सितंबर, 2022

Most urgent
NGT Case

के.नि.बो. / एन.जी.टी. ओ.ए. - 552/2022(पी.बी) 777

प्रति,

सदस्य सचिव
मध्य प्रदूषण नियंत्रण बोर्ड
पर्यावरण परिसर
ई-5, अरेरा कालोनी
भोपाल - 462 016

M.P. Pollution Control Board
BHO PAL M.P.

F.No.: 88/238/

Date: 30/9/22

विषय: NGT OA No. 552/2022(PB) "Ravi Tripathi Vs. State of Madhya Pradesh" में
अधिकारी के नामांकन बायत।

- संदर्भ 1. माननीय एन.जी.टी. द्वारा पारित आदेश दिनांक 06.09.2022
2. म.प्र.प्र.नि.बोर्ड से प्राप्त पत्र क्रं: 3746/विधि/NGT(PB)/प्रतिबो/22 दिनांक 20.09.2022

महोदय,

कृपया माननीय एन.जी.टी. द्वारा दिनांक 06.09.2022 को विषयांकित प्रकरण में पारित आदेश का अवलोकन करने का कष्ट करें। विषयांकित प्रकरण में माननीय एन.जी.टी. द्वारा पारित आदेश दिनांक 06.09.2022 के संदर्भ में संयुक्त समिति का गठन किया गया है, जिसमें केन्द्रीय प्रदूषण नियंत्रण बोर्ड, केन्द्रीय भू-जल प्राधिकरण, क्षेत्रीय कार्यालय, भोपाल, मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड, स्टेट वेटलेड अथॉरिटी, संभागीय जन अधिकारी तथा जिला कलेक्टर, शहडोल शामिल है।

उपरोक्त समिति द्वारा कार्य पूर्ण करने के पश्चात Factual and Action Taken Report एक माह के भीतर माननीय एन.जी.टी. के समक्ष प्रस्तुत करना होगा। राज्य प्रदूषण नियंत्रण बोर्ड नॉडल एजेंसी होगी। प्रकरण में आगामी सुनवाई दिनांक 14.12.2022 नियत है।

उक्त कार्य हेतु इस कार्यालय से डॉ. वाय.के. सक्सीना, वैज्ञानिक 'ग' (नॉयाइल नं. 9425677776, ईमेल- drvksaxena.cpcb@gov.in) को नामित किया जाता है। अनुरोध है कि उपरोक्त कार्य हेतु तिथि निर्धारित कर इस कार्यालय को सूचित करने का कष्ट करें जिससे संबंधित अधिकारी को उपरोक्त बायत सूचित किया जा सके एवं नियत तिथि के पूर्व की गई कार्यवाही संवेधी प्रतिवेदन माननीय एन.जी.टी. के समक्ष आपके कार्यालय द्वारा प्रस्तुत किया जा सके।

भवदीय,

(पी.जगन)
क्षेत्रीय निदेशक

संदर्भ क्र.: उपरोक्तानुसार।

प्रतिविधि

- (1) निविजनल हेड, विधि अनुभाग, के.प्र.नि.बोर्ड, दिल्ली - की ओर कृपया सूचनाार्थ।
(2) डॉ. वाय.के. सक्सीना, वैज्ञानिक 'ग', के.नि.बो.भोपाल } की ओर सूचनाार्थ एवं पालनाार्थ।
(3) क्षेत्रीय अधिकारी, म.प्र.प्र.नि.बो., शहडोल

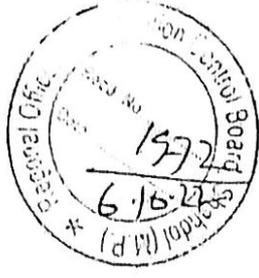
क्षेत्रीय निदेशक

"राजभाषा हिन्दी में पत्र व्यवहार का स्वागत है"

पता: पर्यावरण भवन
पर्यावरण परिसर, ई-5, अरेरा कालोनी, भोपाल-462016
दूरभाष नं. 0755-2775385, 2775388
सहायक दूरभाष नं. 0755-2775384
ई-मेल: cpcb.bhopal@gov.in, वेबसाइट: www.cpcb.nic.in

मुख्यालय:
परिधेय भवन
पूर्वी अजुन नगर, दिल्ली-110032
दूरभाष नं.: 011-43102030

"सिंगल यूज प्लास्टिक" का फरे बहिष्कार



म. प्र. राज्य वेटलैण्ड प्राधिकरण
(पर्यावरण विभाग, म. प्र. शासन)
पर्यावरण नियोजन एवं समन्वय समूहन
पर्यावरण परिसर, ई-5, अरेरा कॉलोनी,
भोपाल - 462016
Website- www.swa.mp.gov.in
फोन : (0755)2464318, 2466970
पत्र क्र. / MPSWA/2022
दिनांक :

प्रति,
सदस्य सचिव,
म. प्र. प्रदूषण नियंत्रण बोर्ड,
भोपाल (म. प्र.)

विषय - मान. राष्ट्रीय हरित अभिकरण, प्रिंसिपल बेंच के प्रकरण क्र. 552/2022 द्वारा दिनांक 06-09-2022 को पारित आदेश के अनुपालन बाबत।

सन्दर्भ - आपका पत्र क्र. 3746/विधि/NGT(PB)/ प्रनिबो/22 दिनांक 20-09-2022।

उपरोक्त विषयान्तर्गत मान. NGT, प्रिंसिपल बेंच के प्रकरण क्र. 552/2022 (रवि त्रिपाठी विरुद्ध मध्य प्रदेश शासन व अन्य) में पारित आदेश दिनांक 06.09.2022 के सम्बन्ध में म. प्र. राज्य वेटलैण्ड प्राधिकरण की ओर से डॉ मनोज विश्वकर्मा (9826848144), को प्रकरण में प्रतिनिधि के रूप में नियुक्त किया जाता है।

उक्त प्रकरण में समिति के अन्य सदस्यों के साथ प्राधिकरण की ओर से समन्वय कर निर्धारित समयबाधि में संयुक्त रूप प्रतिवेदन तैयार करने में सहायक होंगे।

(कार्यपालन संचालक, एफको एवं सदस्य सचिव, राज्य वेटलैण्ड प्राधिकरण द्वारा अनुमोदित)

(लोकेन्द्र ठक्कर)
प्रभारी अधिकारी
राज्य वेटलैण्ड प्राधिकरण, एफको

पृ. क्र. 4116 / 2022 दिनांक 28/9/22

प्रतिलिपि:-

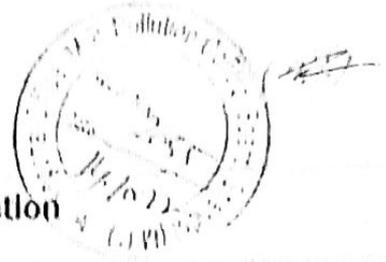
1. क्षेत्रीय अधिकारी, म. प्र. प्रदूषण नियंत्रण बोर्ड, क्षेत्रीय कार्यालय शहडोल की ओर सूचनार्थ प्रेषित।
2. डॉ मनोज विश्वकर्मा, राज्य वेटलैण्ड प्राधिकरण को आवश्यक कार्यवाही हेतु प्रेषित।

H.B. (C.E.)

06/10/2022

प्रभारी अधिकारी
राज्य वेटलैण्ड प्राधिकरण, एफको

M



Nomination of application No. 552/2022 for site inspection

1 message

Wed, 12 Oct, 2022 at 1:49 pm

Rose Anita Kujur <rdncr-cgwb@nta.in>

To: ropebshahdol@gmail.com, MPPCH sit_mppch@rediffmail.com>

Cc: Kamlesh Ojha <mail2kamleshohja@gmail.com>, Kamlesh Ojha <ojha.kamlesh@gov.in>

Sir,

With reference to letters No. 3746/शे/NGT(CZ)/शे/2022 dated 20.09.2022 and 2319/शे/शे/शे/2022 dated 28.09.2022, it is to submit that Sh. Kamlesh Ojha, Scientist B is nominated from Central Ground Water Authority for original application no. 552/2022.

This is for your kind perusal and necessary action.

Details of nominated officer

Name: Kamlesh Ojha

Designation: Scientist B

Contact No: 7505126040

email ID: ojha.kamlesh@gov.in, mail2kamleshohja@gmail.com

Regards

TS to RD (I/C)

CGWB, NCR

Bhopal


Azadi Ka
Amrit Mahotsav

Vsc (sup)
12.10.2022

शाखा Technical/NGT/Shahdol

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क्रमांक 01

विषय एन.जी.टी. प्रकरण में जिला कलेक्टर के प्रतिनिधि के नामांकन संबंधी।

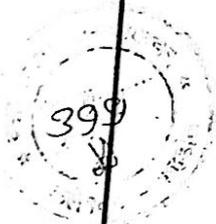
उपरोक्त विषयांतर्गत बोर्ड मुख्यालय, म.प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल के पत्र के तदानुक्रम में लेख है, कि माननीय एनजीटी, प्रिंसिपल बेंच, नई दिल्ली में प्रचलित प्रकरण क्रमांक 552/2022 (रवि त्रिपाठी विरुद्ध म.प्र. शासन व अन्य) में दिनांक 06.09.2022 को पारित आदेश के परिपालनार्थ कलेक्टर शहडोल की ओर से समिति के सदस्य के रूप में प्रतिनिधि का नामांकन किया जाना वांछित है। उक्त समिति द्वारा जिले के अंतर्गत सोहागपुर क्षेत्र में कोयला खदानों के द्वारा पर्यावरणीय मापदण्डों के अनुपालन के संबंध में संयुक्त रूप से निरीक्षण किया जाना है। संयुक्त जांच समिति में क्षेत्रीय निर्देशालय, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, संभागीय वन अधिकारी, शहडोल, कार्यकारी निर्देशक, राज्य आर्द्धभूमि प्राधिकरण, भोपाल, क्षेत्रीय निर्देशक, केन्द्रीय भू-जल बोर्ड, भोपाल एवं जिला दण्डाधिकारी, जिला- शहडोल, तथा म.प्र. प्रदूषण नियंत्रण बोर्ड के अधिकारी भी सम्मिलित किये गये हैं।



मध्य प्रदेश
प्रदूषण
नियंत्रण बोर्ड
शहडोल

अतः प्रशासन की ओर से प्रशासकीय अधिकारी तथा अनुविभागीय अधिकारी (राजस्व) का नामांकन प्रस्तावित है। स्वीकृति की प्रत्याशा में सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड मुख्यालय, भोपाल को जिला प्रशासन के नामांकन की जानकारी हेतु सूचना पत्र की स्वच्छ प्रतियाँ अनुमोदनार्थ एवं अनुमोदन की प्रत्याशा में हस्ताक्षरार्थ प्रस्तुत:-

उपरोक्त



कलेक्टर महोदया

SDM Sahdol

(संजीव मेहरा)
क्षेत्रीय अधिकारी

mppub
shahdol

12/11/22

keep in file

12122

16.10

V.K. BHP

कार्यालय वन मण्डल अधिकारी दक्षिण वनमण्डल शहडोल
जिला-शहडोल ४८४००९ (मध्यप्रदेश)

2056
14/10/22

फोन (कार्या-240304) (निवास-241443) (फैक्स-240304) ई-मेल- dfotsshahd@mp.gov.in

क्रमांक/मा.सि./2022/ 6904

शहडोल, दिनांक 12/10/2022

प्रति,

श्री मंत्रीय मेहरा
क्षेत्रीय अधिकारी
मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड
वाइसचा पीक गोलारा बुदार रोड शहडोल

विषय :- माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल वैच के प्रकरण क्रमांक 552/2022 द्वारा दिनांक 06.09.2022 को पारित आदेश के पालनार्थ संयुक्त जॉय हेतु प्रस्तावन के प्रतिनिधि के निर्धारण बाबत।

संदर्भ :- 1- मध्यप्रदेश प्रदूषण नियंत्रण रोड भोवाहा जम पत्र क्रमांक/3746/दिशि/NGT/(PB)/ प्रतियो/22 दिनांक 20.09.2022

2-आपका पत्र क्रमांक/2495/क्षेत्री/प्रतियो/शहडोल/2022 दिनांक 11.10.2022

श्री श्री श्री

विग्याफिता संदर्भित पत्र से माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल वैच के प्रकरण क्रमांक 552/2022 द्वारा दिनांक 06.09.2022 को पारित आदेश के अनुसार संयुक्त जॉय हेतु प्रतिनिधि का नाम नामांकित हेतु लेख किया गया है।

अतः उपरोक्त कार्य की संयुक्त कार्यावाही पूर्ण करने बाबत श्री आर एन. चौधरी उप वनमण्डलाधिकारी जीतपुर को नामांकित किया जाता है, उप वनमण्डलाधिकारी जीतपुर का मोबाईल नम्बर 9424794233 है।

वनमण्डलाधिकारी
दक्षिण वनमण्डल शहडोल

शहडोल, दिनांक 12/10/2022

पू.क्रमांक/मा.सि./2022/ 6905

प्रतिनिधि:-

- 1 फलेक्टर जिला शहडोल की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु सादर सम्भोधित।
- 2 उप वनमण्डलाधिकारी जीतपुर की ओर माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल वैच के प्रकरण क्रमांक 552/2022 द्वारा दिनांक 06.09.2022 को पारित आदेश के अनुसार संयुक्त कार्यवाही हेतु क्षेत्रीय अधिकारी मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड शहडोल से सन्पर्क स्थापित कर कार्यवाही करना सुनिश्चित करें, तथा कार्यवाही उपरोक्त प्रतिवेदन से इस कार्यालय को अवगत करावें।

वनमण्डलाधिकारी
दक्षिण वनमण्डल शहडोल

W (B MP)
14.10.2022



मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड,
पर्यावरण परिसर,ई-5,अरेरा कॉलोनी,भोपाल-462016

Fax No : +91-755-2463742 E-mail : it_mppcb@rediffmail.com

3
7.5
भोपाल
अप्रैल 2022

क्रमांक 3746 /विधि/ NGT(PB)/प्रनिबो/22
प्रति

भोपाल,दिनांक 20 SEP. 2022

1 कलेक्टर,
कार्यालय कलेक्टर,
शहडोल ।

2 क्षेत्रीय निर्देशक,
क्षेत्रीय निदेशालय(मध्य)
केन्द्रीय प्रदूषण नियंत्रण बोर्ड,
परिवेश भवन, पर्यावरण परिसर
ई-5,अरेरा कॉलोनी,भोपाल

4 The Regional Director,
Central Ground Water Board,
North Central Region, Block-1,
4th Floor, Parayawas Bhawan, Arera Hills,
Jail Road, BHOPAL (M.P.)-462011
email : cgwb@gov.in

Executive Director
State Wetland Authority (EPCO),
E-5, Arera Colony,
Bhopal (MP)
email : thakkarlokendra@mp.gov.in

5 Divisional Forest Office
M.P.F.D. KHEL PARISAR,
74 BANGLOWS, ,
Link Rd I Bhopal (MP)

CE (WB)
26/11/2022

विषय :- माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल बेंच के प्रकरण क्रमांक 552/2022 द्वारा दिनांक 06.09.2022 को पारित आदेश के अनुपालन बावत् ।

उपरोक्त विषयान्तर्गत माननीय राष्ट्रीय हरित अधिकरण, भोपाल द्वारा प्रकरण क्रमांक 552/2022 (रवि त्रिपाठी विरुद्ध मध्यप्रदेश शासन व अन्य) में पारित आदेश दिनांक 06.09.2022 का अवलोकन हो, आदेश के मुख्य अंश निम्नानुसार है :-

"Mr. Ravi Tripathi has sent the present letter petition, which is treated and registered as Original Application, complaining that in Sohagpur area in District Shahdol, Madhya Pradesh, none of the coal mines is operating in compliance of environmental norms. Green trees have been covered by overburden, mortality of wildlife has been increased, ground water level has been depleted and ponds have been dried up in the villages surrounding the coal mines area resulting in water scarcity in the area, damage to environment and grave health risks to the residents of the locality.

In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representative of CPCB, Central Ground Water Authority, Regional Office, Bhopal, State PCB, State Wetland Authority, Divisional Forest Officer and Collector, Shahdol and direct the same to meet, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representatives of the concerned project proponents, verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in. The State PCB will be the nodal agency for coordination and compliance.

मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड,
पर्यावरण परिसर,ई-5,अरेरा कॉलोनी,भोपाल-462016

Fax No : +91-755-2463742 E-mail : it_mppcb@rediffmail.com

माननीय एनजीटी द्वारा पारित आदेश की प्रति आवश्यक कार्यवाही हेतु प्रेषित है । कृपया उक्त के संबंध में आपके विभाग से एक प्रतिनिधि नामांकित कर समय-सीमा में रिपोर्ट प्रस्तुत करने हेतु निर्देशित किये जाने का अनुरोध है। प्रकरण की आगामी सुनवाई दिनांक 14.12.2022 को नियत है ।

संलग्न :-एनजीटी आदेश ।


(ए.ए.मिश्रा)
सदस्य सचिव

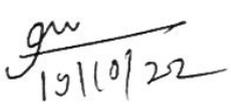
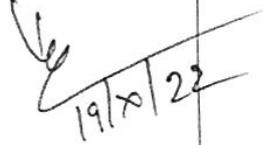
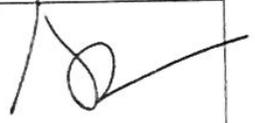
प्रतिलिपि :-

क्षेत्रीय अधिकारी,क्षेत्रीय कार्यालय,मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड, शहडोल की ओर सूचनार्थ। आपको निर्देशित किया जाता है कि कलेक्टर-शहडोल केन्द्रीय प्रदूषण नियंत्रण बोर्ड-भोपाल, केन्द्रीय भूजल बोर्ड, राज्य वेटलैंट अथारिटी तथा संभागीय वन अधिकारी के प्रतिनिधि से समन्वय कर 4 सप्ताह के पूर्व सयुक्त कमेटी की रिपोर्ट मुख्यालय को उपलब्ध कराये, ताकि निर्धारित समयावधि में माननीय एनजीटी को प्रस्तुत किया जा सके।

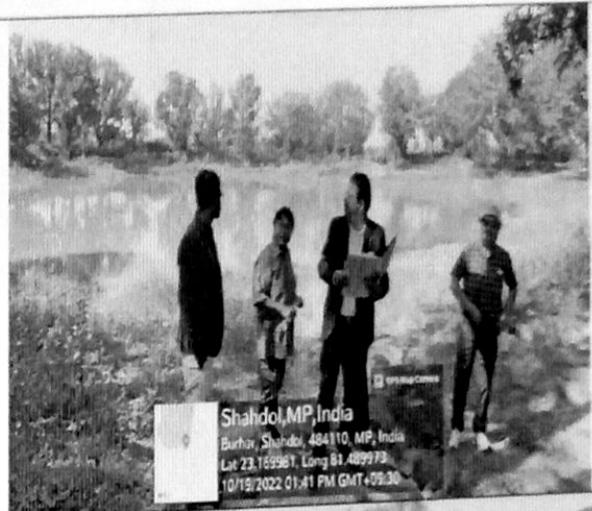
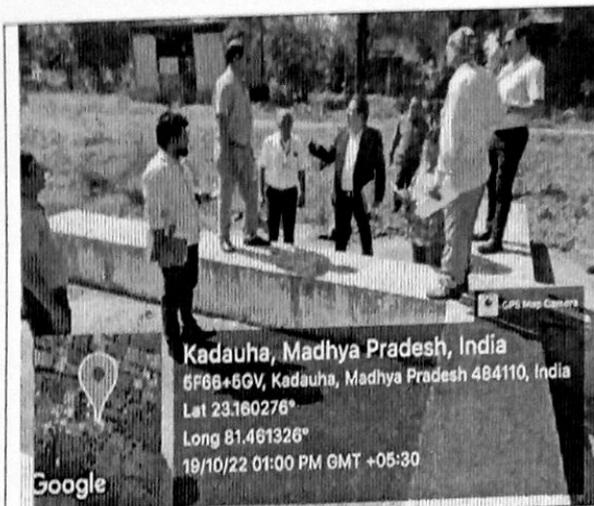
Joint Inspection Team Visit in NGT Case No. 552/2022

Attendance Sheet :-

Date of Inspection:- 19.10.2022

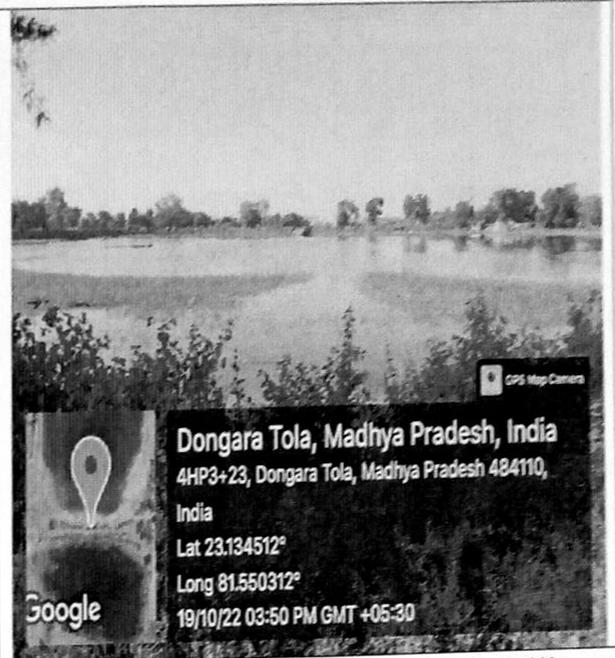
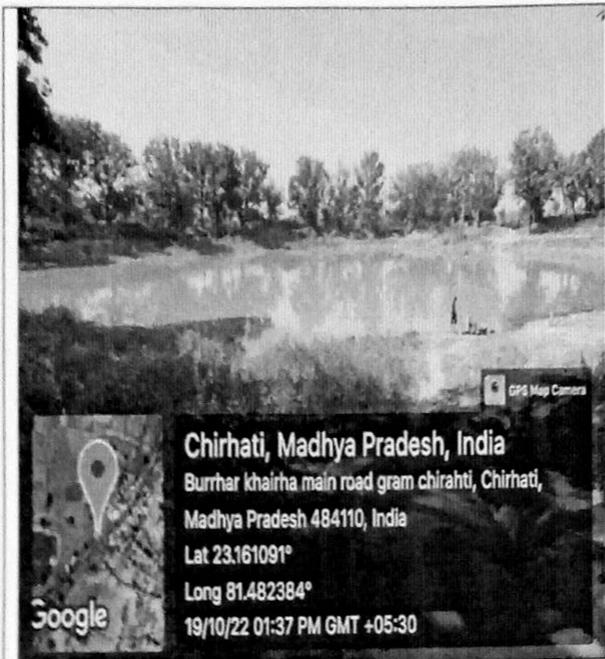
S.no.	Name of Member	Degination	Department	Signature
1	Dr. Y.K. Saxena 9425677776	Scientist 'C'	CPCB, Bhopal	
2	Dr. Manoj Vishwakarma 9826848144	Scientist	EPCO, Bhopal	
3	Mr. Kamlesh Ojha 7505126040	Scientist 'B'	Ground Water Board, Bhopal	
4	Mrs. Pragati Verma 9425002981	SDM	Sohagpur, Dist.- Shahdol	
5	Mr. R.N. Choudhary 9424794433	SDO	Forest (Jaitpur) Dist.- Shahdol	
6	Mr. Sanjeev Kumar Mehra 9893074407	Regional Officer	MPPCB, Shahdol	

Annexure No 4



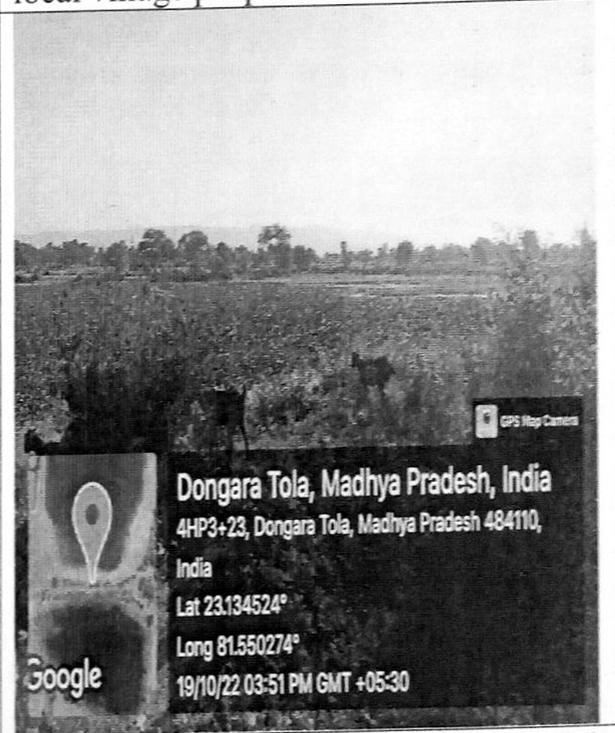
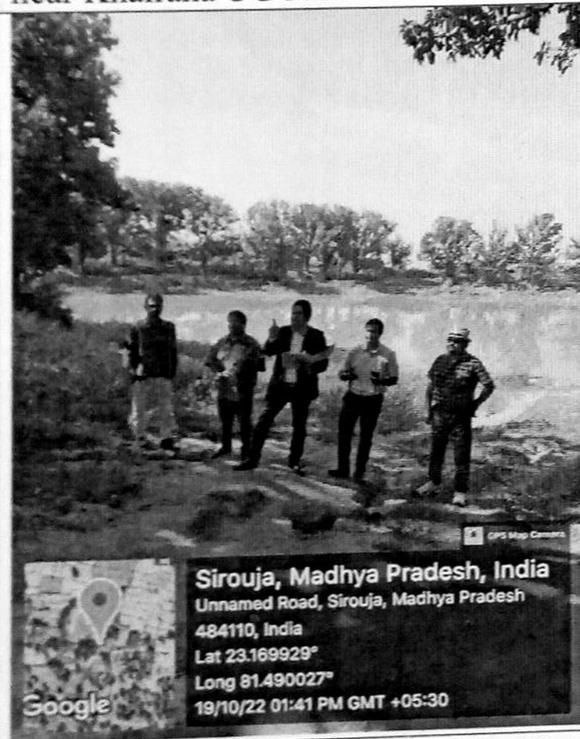
Committee members of the joint inspection team at different locations

Annexure No 5



Pond with full of water used by village people for daily use in Naugaon Village near Khairaha UG Mine

Ramsagar Taalab in Bimhauri Village used for fishing & daily use works by local village people

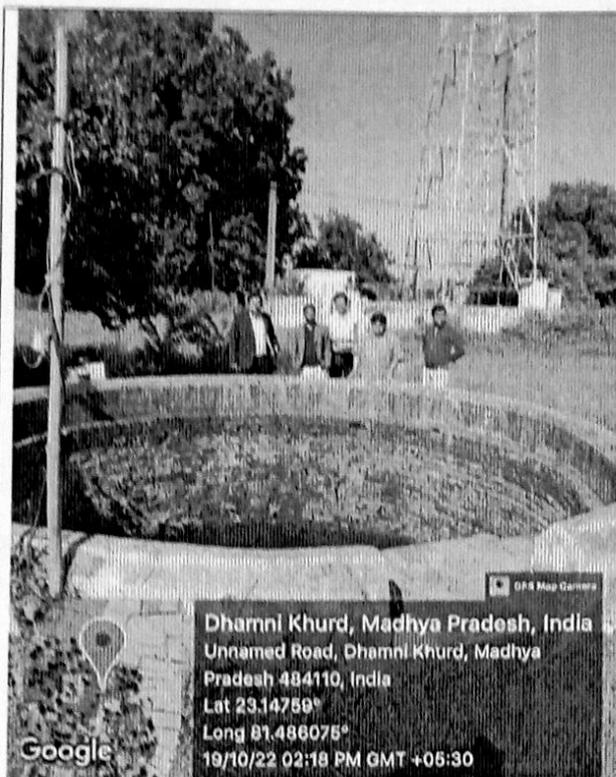


Joint Inspection Team at village Naugaon Pond

Rani Taalab fully covered with vegetable 'Water Chestnut'

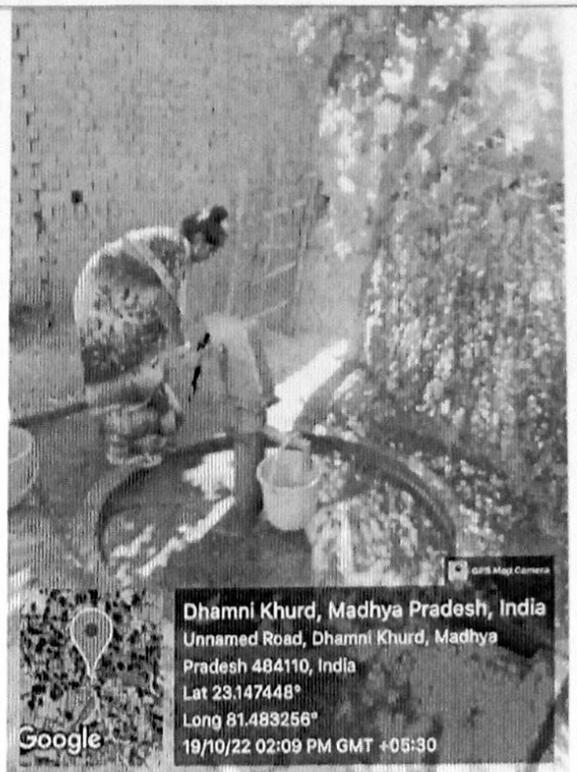
M

Annexure No 6



Dhamni Khurd, Madhya Pradesh, India
 Unnamed Road, Dhamni Khurd, Madhya Pradesh 484110, India
 Lat 23.14759°
 Long 81.486075°
 19/10/22 02:18 PM GMT +05:30

Well dug in the house of Sanjat Kumar in village Chheerahateeat Latitude 23.1475° and Longitude 81.4860°



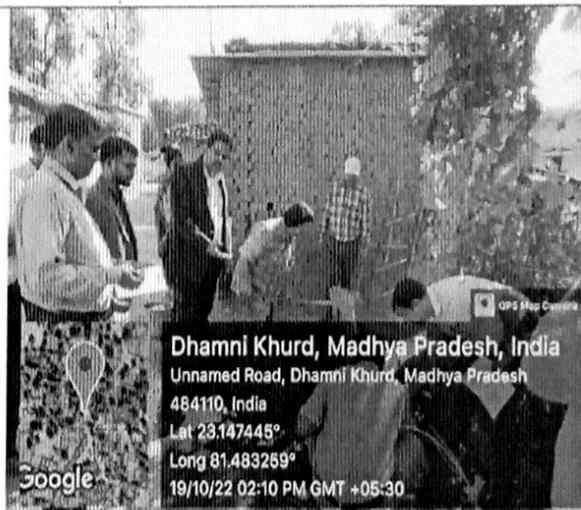
Dhamni Khurd, Madhya Pradesh, India
 Unnamed Road, Dhamni Khurd, Madhya Pradesh 484110, India
 Lat 23.147448°
 Long 81.483256°
 19/10/22 02:09 PM GMT +05:30

Local village women using hand pump to fill bucket for her household work.



Dongara Tola, Madhya Pradesh, India
 4HR3+3F5, Dongara Tola, Madhya Pradesh 484110, India
 Lat 23.14002°
 Long 81.55372°
 19/10/22 04:02 PM GMT +05:30

Well dug in the house of Ram Sobhit Mishra village Bemhoree Latitude 23.1345° and Longitude 81.5503°



Dhamni Khurd, Madhya Pradesh, India
 Unnamed Road, Dhamni Khurd, Madhya Pradesh 484110, India
 Lat 23.147445°
 Long 81.483259°
 19/10/22 02:10 PM GMT +05:30

Inspection team has inspecting the hand pump installed in front of house of Babulal Kol at Latitude 23.1474° and Longitude 81.4832°.



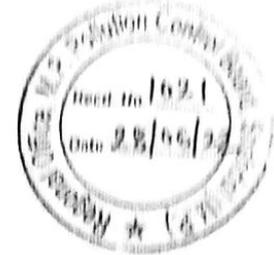
कार्यालय नगरपालिका परिषद शाहडोल, जिला शाहडोल (म.प्र.)
Office of the Municipal Council Shahdol, Distt. Shahdol (M.P.)

Distt. Shahdol, Distt. Shahdol (M.P.)
Municipal Council Shahdol, Distt. Shahdol (M.P.)
Phone No. 0352-226700, 226701

दिनांक 22.6/2022

शाहडोल, दिनांक 22.6/2022

शुद्धीय मेहरा,
क्षेत्रीय अधिकारी
म.प्र. प्रदूषण नियंत्रण बोर्ड,
जिला शाहडोल म.प्र.



विषय:- सरफा नाला से जल प्रदाय गुणवत्ता के संबंध में जागकारी मांग।

संदर्भ:- आपका पत्र क्रमांक 631/क्षेत्र/प्रबिओ/शाहडोल दिनांक 10.08.2022

—00—

विषयांतरगत संदर्भित पत्र से आपके द्वारा सरफा नाला से जल प्रदाय की गुणवत्ता के संबंध में जानकारी चाही गई है, जिसके संबंध में लेख है कि सरफा नाला में जल सोहागपुर क्षेत्र की खदानों से प्राप्त होती है, जिसकी गुणवत्ता संतोषजनक है।

यह जल सरफा डैम में एकत्रित कर शाहडोल नगरीय क्षेत्र में प्रदाय किया जाता है एवं जल की गुणवत्ता के संबंध में आज दिनांक तक किसी भी प्रकार की समस्या इस कार्यालय के संज्ञान में नहीं आई है।

मुख्य नगरपालिका अधिकारी
नगरपालिका परिषद शाहडोल
म.प्र.
शाहडोल, दिनांक 22.6/2022

पृ.क्र./2267/न.पा.श./2022
प्रतिलिपि:-

1. उप क्षेत्रीय प्रबंधक, राजेन्द्र, खैरहा उपक्षेत्र की ओर सूचनार्थ।
2. प्रबंधक खैरहा भूमिगत खदान की ओर सूचनार्थ।

मुख्य नगरपालिका अधिकारी
नगरपालिका परिषद शाहडोल
म.प्र.

Vs (BMP)
22.6.2022

हम नीचे लिखे पंचनामा यह तस्वीर करते हैं कि आज दिनांक-26/04/2022 को सायं-4 बजे सी.एम. डेव-लाइन शिवायत ड्राइंग-17284715 की जांच हेतु शिवायतकी श्री रवि शर्मा निवासी गरुड़दिया से फोन से संपर्क कर मौजूदा स्थल पर बुलाया गया। मौजूदे में आउर शिवायतकी श्री रवि शर्मा द्वारा बेम्होरी जंगल चौड़ी को ध्वस्त होना स्वीकार किया गया। जंगल चौड़ी ध्वस्त होने के कारण वन रक्षक विभागे के मजान में रहता है। बेम्होरी बीट के अन्तर्गत जो भी अग्नि घटना, अग्नि दुर्घटना वगैरे में हुई है उसका वन अंपराध प्रत्यक्ष पंजीबद्ध है। अमलाई-ओ.सी.एम. डेवला प्दान द्वारा 100 से 300 मी. परिधि में लगे हरे भरे बांस के पेड़ बनाने का शिवायत के संबंध में ज्ञान करने पर यह पाया गया कि वर्तमान में किसी भी प्रकार का बोर्ड पेड़ बाली द्वारा नुकसान नहीं पहुंचाया गया है। जहां पर भी डार्प डर रहते हैं वह SECL को हस्तगतित क्षेत्र है। जहां पर वह डार्प करने के लिए स्वतंत्र है। डार्प करने के बाद SECL वन विभाग को पेड़ पौधे लगाकर जैसा भी है उसका उच्छेद देगा। मौजूदे में शिवायतकी द्वारा संतुष्ट होकर शिवायत को बंद कराने का इच्छा करने हेतु इस जांच पंचनामा में हस्ताक्षर किए जो सही एवं सत्य है।

Recorded by me.

[Signature]

शिवायतकी
रवि शर्मा

फोन - 9301036761

[Signature]
Raj Behera
24/4/22

[Signature]
26/4/22
जांच पंचनामा
अंश 1

[Signature]
जांच पंचनामा
अंश 1

[Signature]

Annexure 9

साउथ ईस्टर्न कोलाफील्डस लिमिटेड
(गिनी रत्न कंपनी)

कार्यालय मु० प्रबन्धक (खनग)/प्रबन्धक,अमलाई ओसीएम
पोस्ट आफिस-संजयनगर, जिला-अनुपपुर (म०प्र०)

एलईसीएम/सो.ओ./म०प्र०(ख)/अओसीएम/22/2174A

दिनांक-13.10.2022

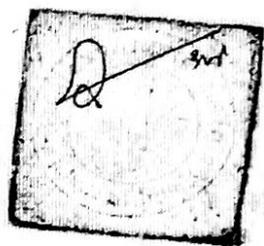
प्रति,
थाना प्रभारी महोदय,
थाना धनपुरी जिला शहडोल (म०प्र०)

विषय :- अमलाई ओसीएम के आउटसोर्सिंग पैच से कटीले तार के चोरी होने के संबंध में।
महोदय,
सुरक्षा प्रहरी/प्रभारी अमलाई ओसीएम के पत्र द्वारा सूचना प्राप्त हुई कि अमलाई ओसीएम खान में ठेकेदारी पैच के उपर जमीन के स्तर पर लगाई गई लगभग 100 मीटर कटीले तारों की बाढ़(फेंसिंग) चोरी हो गई।
महोदय विषय आपकी जानकारी एवं उचित कार्यवाही हेतु प्रेषित।


खान प्रबन्धक
अमलाई ओसीएम

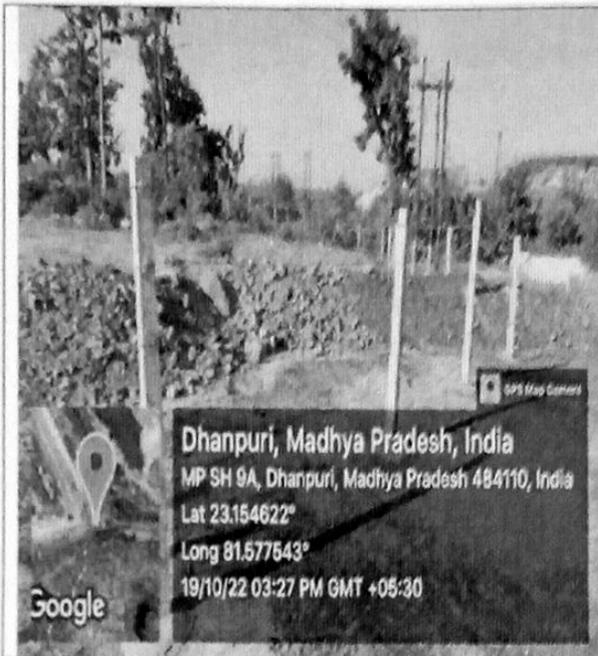
संलग्न :- उपरोक्तानुसार

प्रतिलिपि:-
1. उप क्षेत्रीय प्रबन्धक, अमलाई ओसीएम।
2. क्षेत्रीय सुरक्षा अधिकारी, सोहागपुर क्षेत्र।

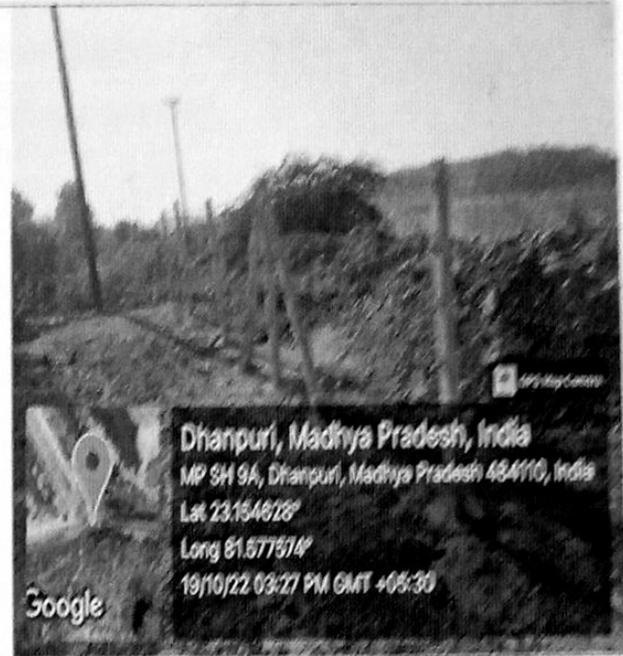


FIR Copy Regarding Stealing of Fencing Wire

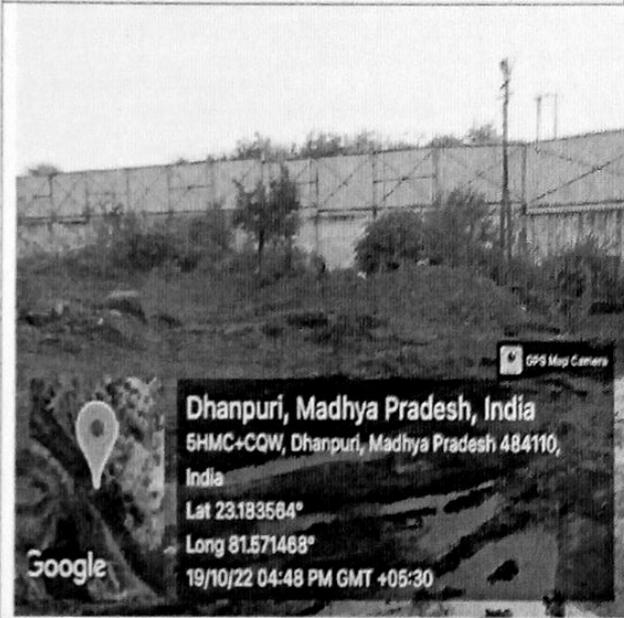
Annexure No 10



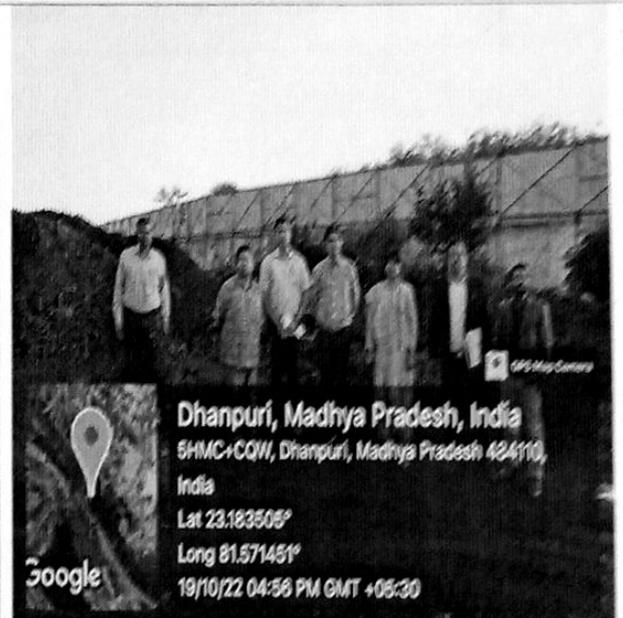
The periphery of mines fenced by barbed wire



The periphery of mines fenced by barbed wire



Burhar railway siding boundary packed by 12ft high brick wall & 8ft high tin shade



Joint inspection team members at Burhar railway siding

M



REGIONAL OFFICE
M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-14.10.2022

Name of Industry : Damini UG Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :11.10.2022
Date of Analysis :12.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack - I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NOx)	mg/ NM ³	--	--	--

Ambient Sampling Point

- A. Near Manager Office (Lee Word)
B. Near Substation (Wind Word)

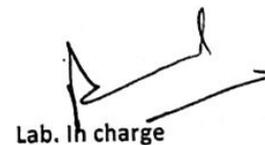
S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	60.36	65.51	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	11.38	15.71	-	-
03	Nitrogen dioxide (NOx)	µg/ M ³	14.25	18.48	--	--
04	Average Noise Level	dB	62.57	69.31	--	--

Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge





REGIONAL OFFICE

M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-14.10.2022

Name of Industry : Rajendra UG Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :11.10.2022
Date of Analysis :12.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel Junior Scientist

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack- I	Stack - II	Stack - III
01	Particulate Matter (PM) ₁₀	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NO _x)	mg/ NM ³	--	--	--

Ambient Sampling Point

- A. Near Sub Area Office (Lee Word)
B. Near Manager Office (Wind Word)

S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM) ₁₀	µg/ M ³	62.84	66.48	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	14.51	17.62	-	-
03	Nitrogen dioxide (NO _x)	µg/ M ³	17.92	23.54	--	--
04	Average Noise Level	dB	59.77	64.81	--	--

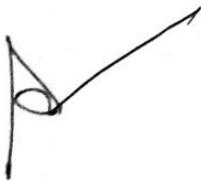
Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge





REGIONAL OFFICE

M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-17.10.2022

Name of Industry : Dhanpuri OC Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :12.10.2022
Date of Analysis :13.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack - I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NOx)	mg/ NM ³	--	--	--

Ambient Sampling Point

- A. Near MTK Office (Lee Word)
B. Near D - Sector (Wind Word)

S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	89.71	94.76	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	12.86	15.31	-	-
03	Nitrogen dioxide (NOx)	µg/ M ³	16.24	19.08	--	--
04	Average Noise Level	dB	63.49	69.04	--	--

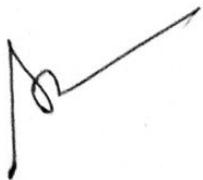
Remark : During the monitoring time, the weather remained cloudy and rained Intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge





REGIONAL OFFICE

M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-17.10.2022

Name of Industry : Amlai OC Mine SECL Sohagpur Area
Dist. Shahdol (M.P.)
Date of Sampling :12.10.2022
Date of Analysis :13.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack - I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NO _x)	mg/ NM ³	--	--	--

Ambient Sampling Point

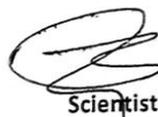
- A. Near Sub Area Office (Lee Word)
B. Near Coal Area Loading (Wind Word)

S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	86.57	92.13	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	12.19	14.73	-	-
03	Nitrogen dioxide (NO _x)	µg/ M ³	16.48	18.89	--	--
04	Average Noise Level	dB	61.24	68.39	--	--

Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge

REGIONAL OFFICE

M. P. POLLUTION CONTROL BOARD

SHAHDOL -484001 ☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-17.10.2022

Name of Industry : Sharda OC Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :12.10.2022
Date of Analysis :13.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack - I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NOx)	mg/ NM ³	--	--	--

Ambient Sampling Point

- A. Near Manager Office (Lee Word)
B. Near Coal Area Loading (Wind Word)

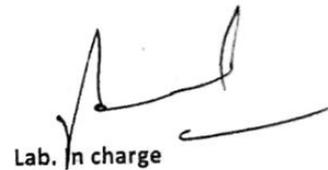
S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	82.58	90.04	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	13.47	14.26	-	-
03	Nitrogen dioxide (NOx)	µg/ M ³	15.01	18.37	--	--
04	Average Noise Level	dB	64.94	71.28	--	--

Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. in charge





REGIONAL OFFICE

M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-14.10.2022

Name of Industry : Khairaha UG Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :11.10.2022
Date of Analysis :12.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack - I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NOx)	mg/ NM ³	--	--	--

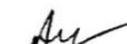
Ambient Sampling Point

- A. Near Manager Office (Lee Word)
B. Near Substation (Wind Word)

S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	71.43	74.87	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	10.98	13.05	-	-
03	Nitrogen dioxide (NOx)	µg/ M ³	12.69	15.36	--	--
04	Average Noise Level	dB	61.74	67.32	--	--

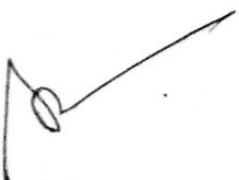
Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge





REGIONAL OFFICE
M. P. POLLUTION CONTROL BOARD

☎ 07652 248938

Email-ropcbshahadol@gmail.com

AIR MONITORING REPORT

Date:-14.10.2022

Name of Industry : Bangwar UG Mine SECL Sohagpur
Area Dist. Shahdol (M.P.)
Date of Sampling :11.10.2022
Date of Analysis :12.10.2022
Sample Collected by : Mr A. K. Sharma Chemist & Lab Staff
Sample Analysed by : Mr.C. S. Patel (JS)

Stack Sampling Point

NIL

S.No.	Parameters	Unit	Stack- I	Stack - II	Stack - III
01	Particulate Matter (PM)	mg/ NM ³			
02	Sulphur dioxide (SO ₂)	mg/ NM ³	--	--	--
03	Nitrogen dioxide (NOx)	mg/ NM ³	--	--	--

Ambient Sampling Point

- A. Near Manager Office (Lee Word)
B. Near Substation (Wind Word)

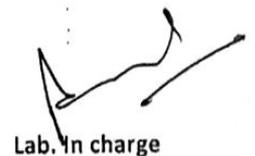
S.No.	Parameters	Unit	I	II	III	IV
01	Particulate Matter (PM)	µg/ M ³	68.71	71.92	--	--
02	Sulphur dioxide (SO ₂)	µg/ M ³	11.24	13.97	-	-
03	Nitrogen dioxide (NOx)	µg/ M ³	15.46	18.06	--	--
04	Average Noise Level	dB	60.12	55.21	--	--

Remark : During the monitoring time, the weather remained cloudy and rained intermittently.

1. Indicate that the values exceed permissible limit
2. Compared with MPPCB Standard


Chemist


Scientist


Lab. In charge



Annexure 12

Parameters	CO	NO2	Nox	NO	PM10	PM2.5	SO2
Month	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Nov-21	1.308	12.462	16.193	3.732	133.295	80.333	5.296
Dec-21	1.400	10.514	13.924	3.411	125.201	75.165	5.653
Jan-22	1.344	10.464	13.866	3.403	94.140	56.064	6.327
Feb-22	1.332	11.312	14.555	3.245	79.056	46.833	6.496
Mar-22	1.355	15.304	18.260	2.958	69.913	41.180	7.291
Apr-22	1.462	25.415	29.107	3.692	38.391	22.311	14.333
May-22	1.095	14.188	15.643	1.450	40.968	22.881	13.004
Jun-22	1.011	21.128	22.759	1.631	39.394	22.002	15.478
Jul-22	0.754	6.004	7.182	1.178	16.921	9.452	9.440
Aug-22	0.738	0.000	0.000	0.000	16.676	9.314	5.184
Sep-22	Machine was breakdown						
Oct-22	0.802	15.521	18.472	3.050	39.931	22.853	11.494

Last 12 months monthly average data of CAAQMS station setup by coal mine management at Regional Colony near Burhar Town



322

कार्यालय खण्ड चिकित्सा अधिकारी सामुदायिक स्वास्थ्य केन्द्र बुढ़ार,
जिला - शहडोल (म०प्र०)

क्रमांक / स्था० / 2022 / 416

बुढ़ार, दिनांक :- 24 / 06 / 2022

प्रति

श्रीमान् क्षेत्रीय कार्यालय,
म०प्र० प्रदूषण नियंत्रण बोर्ड
जिला - शहडोल (म०प्र०)



विषय-

वर्ष 2019 से अद्यतन स्थिती तक प्रभावित ग्रामवासियों के स्वास्थ्य संबंधी एवं ग्राम खैरहा से बुढ़ार मार्ग पर हुये दुर्घटनाओं के जानकारी के संबंध में।

सन्दर्भ-

आपका पत्र क्रमांक / 630 / क्षेत्रीय / प्रनिबो / शहडोल / 2022 दिनांक 09.05.2022

-000-

उपरोक्त विषयान्तर्गत लेख है कि संदर्भित पत्र के द्वारा चाही गई जानकारी के संबंध में लेख है कि वर्ष 2019 से अद्यतन स्थिती तक खैरहा भूमिगत खदान के विस्तार से रहवासियों में ब्रोनकाईटिस, अस्थमा, श्रवण क्षमता में कमी आदि जैसी समस्या संज्ञान में नहीं आई है।

खण्ड चिकित्सा अधिकारी
सामुदायिक स्वास्थ्य केन्द्र बुढ़ार
जिला - शहडोल, (म०प्र०)
बुढ़ार, दिनांक :- 24 / 06 / 2022

क्रमांक / स्था० / 2022 / 417

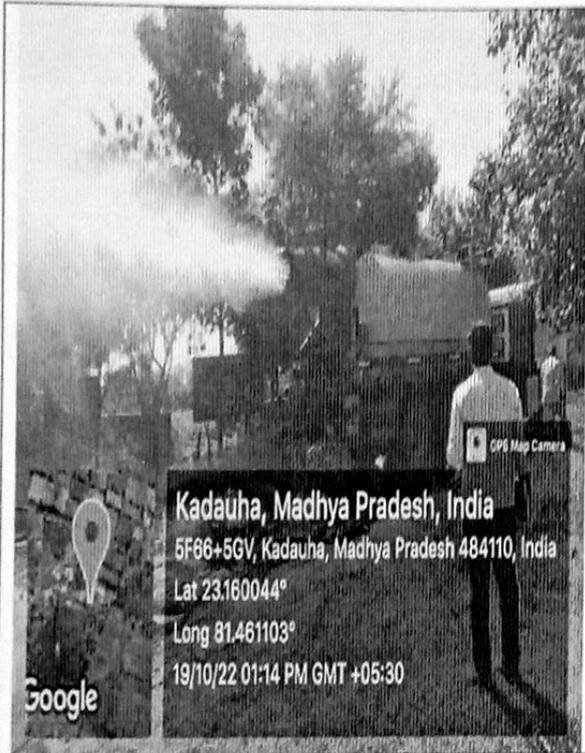
प्रतिलिपि-

1. मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी जिला शहडोल (म.प्र.) की ओर वास्ते सूचनार्थ।

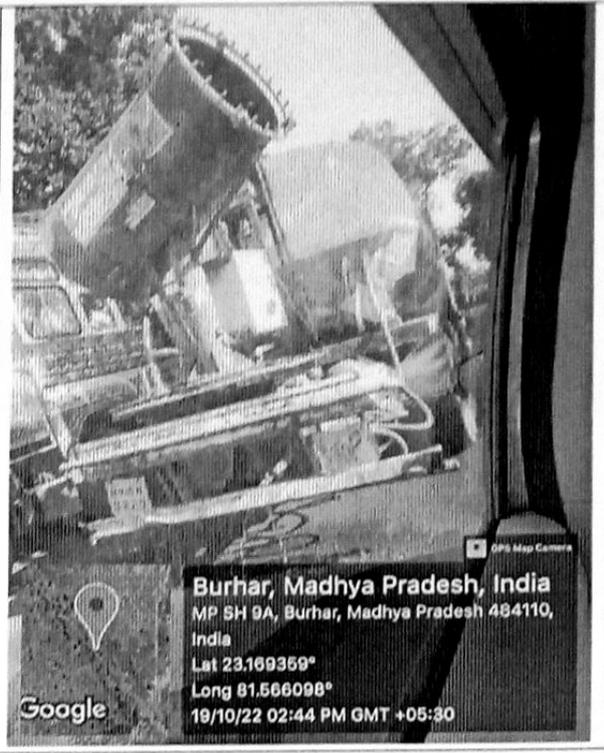
खण्ड चिकित्सा अधिकारी
सामुदायिक स्वास्थ्य केन्द्र बुढ़ार
जिला - शहडोल, (म०प्र०)

Vs (BWP)
20-6-2022

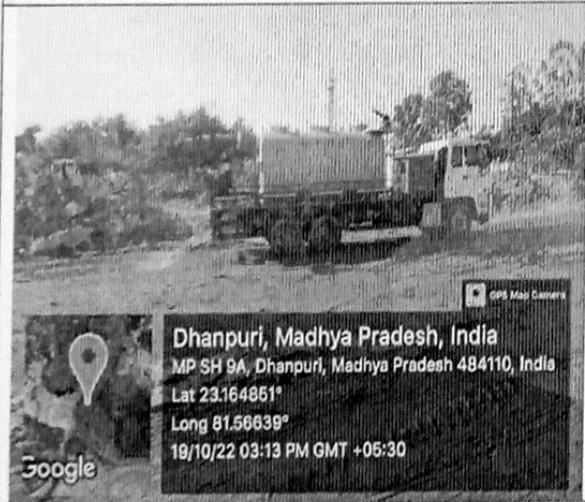
Annexure No- 14



Mist gun operating at Khairaha UG mine



Water tanker sprinkling water at state highway 9A



Water tanker sprinkling water inside Amlai OC mine



Automatic water sprinkler operating inside Sharda mine

(Handwritten signature)



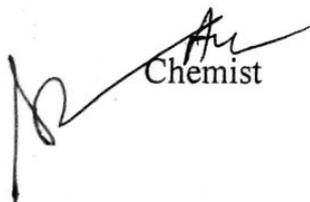
Regional Office
M.P. Pollution Control Board
 By Pass Chowk Gortara Budhar Road District Shahdol 484001 (M.P.)
 E mail: ropcbshahadol@gmail.com

ANALYSIS REPORT

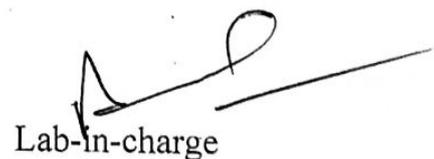
1. Location of sampling :- Bangwar UG Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Water Sample from Settling Tank
 2. Outlet water Sample from Settling Tank
3. Date of Sampling :- 11.10.2022
4. Date of Analysis :- 12.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.4	27.3
2.	pH	pH unit	7.19	7.32
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	475	196
7.	Total Dissolved Solids	Mg/l	457	187
8.	Suspended Solids	Mg/l	18	9
9.	Chloride (as Cl)	Mg/l	5.94	4.95
10.	B.O.D. (3days at 27°C)	Mg/l	1.5	0.8
11.	C.O.D.	Mg/l	25	10

Note:- Compared with MPPCB Standard


Chemist


Jr. Scientist


Lab-In-charge



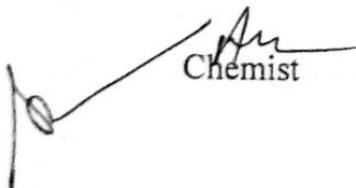
Regional Office
M.P. Pollution Control Board
By Pass Chowk Gortara Budhar Road District Shahdol 484001 (M.P.)
E mail: ropcbshahdol@gmail.com

ANALYSIS REPORT

1. Location of sampling :- Damini UG Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Water Sample from Settling Tank
 2. Outlet water Sample from Settling Tank
3. Date of Sampling :- 11.10.2022
4. Date of Analysis :- 12.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.5	27.4
2.	pH	pH unit	7.76	8.06
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	435	223
7.	Total Dissolved Solids	Mg/l	422	214
8.	Suspended Solids	Mg/l	13	9
9.	Chloride (as Cl)	Mg/l	7.92	5.94
10.	B.O.D. (3days at 27°C)	Mg/l	1.6	0.4
11.	C.O.D.	Mg/l	35	25

Note:- Compared with MPPCB Standard


Chemist


Jr. Scientist


Lab-in-charge



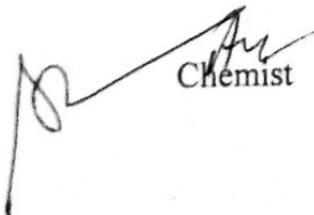
Regional Office
M.P. Pollution Control Board
By Pass Chowk Gortara Budhar Road District Shahdol 484001 (M.P.)
E mail: ropcbshahadol@gmail.com

ANALYSIS REPORT

1. Location of sampling :- Khairaha UG Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Water Sample from Settling Tank
 2. Outlet water Sample from Settling Tank
3. Date of Sampling :- 11.10.2022
4. Date of Analysis :- 12.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.2	27.5
2.	pH	pH unit	8.11	6.90
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	423	216
7.	Total Dissolved Solids	Mg/l	416	212
8.	Suspended Solids	Mg/l	7	4
9.	Chloride (as Cl)	Mg/l	6.93	5.94
10.	B.O.D. (3days at 27°C)	Mg/l	1.2	0.4
11.	C.O.D.	Mg/l	30	20

Note:- Compared with MPPCB Standard


Chemist


Jr. Scientist


Lab-in-charge



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ANALYSIS REPORT

1. Location of sampling :- Rajendra UG Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Water Sample from Settling Tank
 2. Outlet water Sample from Settling Tank
3. Date of Sampling :- 11.10.2022
4. Date of Analysis :- 12.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.3	27.3
2.	pH	pH unit	7.70	7.73
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	520	238
7.	Total Dissolved Solids	Mg/l	510	232
8.	Suspended Solids	Mg/l	10	6
9.	Chloride (as Cl)	Mg/l	7.92	6.93
10.	B.O.D. (3days at 27°C)	Mg/l	1.7	0.6
11.	C.O.D.	Mg/l	30	15

Note:- Compared with MPPCB Standard


Chemist


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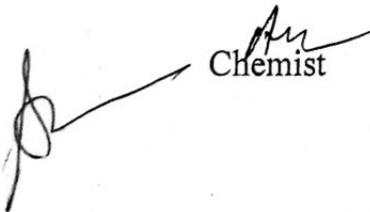
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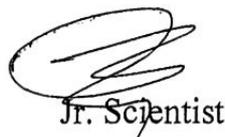
ANALYSIS REPORT

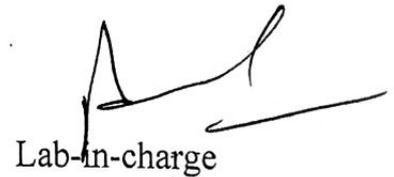
1. Location of sampling :- Dhanpuri OC Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Mine Water Sample
 2. Outlet Sanjay Nagar Filter Plant
3. Date of Sampling :- 12.10.2022
4. Date of Analysis :- 13.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.7	27.5
2.	pH	pH unit	7.19	7.30
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	469	205
7.	Total Dissolved Solids	Mg/l	443	193
8.	Suspended Solids	Mg/l	26	12
9.	Chloride (as Cl)	Mg/l	8.91	7.92
10.	B.O.D. (3days at 27°C)	Mg/l	1.9	0.7
11.	C.O.D.	Mg/l	25	15

Note:- Compared with MPPCB Standard


Chemist


Jr. Scientist


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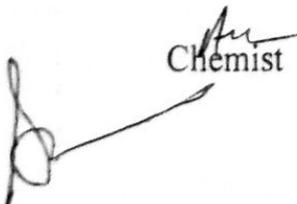
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ANALYSIS REPORT

1. Location of sampling :- Amlai OC Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Water Sample from Settling Tank
 2. Outlet Water Sample from sump near subarea
3. Date of Sampling :- 12.10.2022
4. Date of Analysis :- 13.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.9	27.3
2.	pH	pH unit	7.64	7.396
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	457	229
7.	Total Dissolved Solids	Mg/l	430	218
8.	Suspended Solids	Mg/l	27	11
9.	Chloride (as Cl)	Mg/l	8.91	6.93
10.	B.O.D. (3days at 27°C)	Mg/l	1.4	0.5
11.	C.O.D.	Mg/l	35	20

Note:- Compared with MPPCB Standard


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ANALYSIS REPORT

1. Location of sampling :- Sharda OC Mine Sohagpur Area Shahdol (M.P.)
2. Description of Sample :-
 1. Inlet Mine Water Sample
 2. Outlet Water Sample near Mining Area
3. Date of Sampling :- 12.10.2022
4. Date of Analysis :- 13.10.2022
5. Sample collected by :- A. K. Sharma (Chemist)
6. Sample analyzed by :- B. M. Patel (JS)

S. No.	Characteristics	Unit	Result Sample I	Result Sample II
1.	Temperature	°C	27.7	27.2
2.	pH	pH unit	8.03	8.18
3.	Appearance	---	Clear	Clear
4.	Colour	---	Colourless	Colourless
5.	Odour	---	Odourless	Odourless
6.	Total Solids	Mg/l	446	198
7.	Total Dissolved Solids	Mg/l	413	179
8.	Suspended Solids	Mg/l	33	19
9.	Chloride (as Cl)	Mg/l	6.93	5.94
10.	B.O.D. (3days at 27°C)	Mg/l	1.7	0.6
11.	C.O.D.	Mg/l	30	25

Note:- Compared with MPPCB Standard

Chemist

Jr. Scientist

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Annexure No- 16



Plantation done by SECL Sohagpur at different locations