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BEFORE THE NATIONAL GREEN TRIBUNAL, NEW DELHI

ORIGINAL APPLICATION NO. 552 OF 2022

IN THE MATTER OF

RAVI TRIPATHI

...APPLICANT

VERSUS

STATE OF MADHYA PREDESH & ORS

... RESPONDENTS

REPLY AFFIDAVIT FILED ON BEHALF OF THE RESPONDENT NO.5

(SOUTH EASTERN COALFIELDS LTD)

ADVOCATE FOR THE RESPONDENT NO.5 NEERAJ K GUPTA



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REPLY AFFIDAVIT FILED ON BEHALF OF THE RESPONDENT NO.5

(SOUTH EASTERN COALFIELDS LTD)

I, P. K. Gautam S/o Sanjiv DM Prakash aged about 32 Years, working as Dy. Mg. (Env) having its Registered office at M/s South Eastern Coalfields Ltd, Seepat Road, Bilaspur, Chhattisgarh-495006, do hereby take oath and solemnly affirm as under:-

1. That I am working as Dy. Mg. (Env) with the respondent No.5 (*hereinafter referred as "SECL"*) in the above-mentioned matter and I am fully conversant with the fact and circumstance of the case, and I am competent to swear this Counter Affidavit and the present affidavit is based on the records available with the South Eastern Coalfields Ltd.
2. That Mr. Ravi Tripathi has sent the present letter petition, which is treated and registered as Original Application by Hon'ble NGT, Principal Bench, New Delhi, 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.
3. That Vide order dated 06.09.2022, Hon'ble NGT constituted a Joint Committee with direction to submit its report.
4. That In compliance thereof, report of the Joint Committee was

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submitted vide email dated 08.11.2022.

5. That Applicant also filed additional documents vide emails dated 18.10.2022 and 21.10.2022.
6. That Vide order 14.12.2022, notices were ordered to be issued to the respondents. As per office report notices have been duly served on the respondents.
7. That the Written submissions were made by applicant vide email dated 10.03.2023. Replies have been filed by respondents No. 2, 3 and 5 vide emails dated 16.03.2023, 20.01.2023 and 17.03.2023 respectively.
8. That the Hon'ble NGT in his order dated 21.03.2023 directed respondents no. 3 and 5 to file additional reply giving details regarding compliance status of EC/CTE/CTO consent conditions.
9. That, in compliance of the instruction of Hon'ble NGT, the respondent No.5 i.e. SECL (One of the eight Subsidiaries of Coal India Limited) is furnishing following details regarding compliance of EC/CTE/CTO:-
 - i. That the respondent No.5 comes under the supervision and control of Ministry of Coal, Government of India, and the mines SECL are in the operation for last 50 years and added value to the progress, prosperity, and economic development of the area.
 - ii. That the all Mines of SECL are operational in adherence with the Rules/Acts/Regulations and Statutory instructions.
 - iii. That the SECL's Mines located in District Shahdol and Anuppur; Madhya Pradesh, wherein SECL is operating 03 opencast, 04 underground mines, and 01 advanced Highwall Mine, and all mines are operational in compliance with the EC/CTE/CTO and statutory compliances mandated under the Law and no deviance from. The general details of mines are tabulated below:

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S. No.	Name of Mine	Mining Area (in Ha)/ Forest land involved (in Ha)	Environmental Clearance	CTO details (Reference no / validity)	EC Capacity & CTO Capacity (in Lakh Te)
1.	Amlai OC Sec B Mine	190.995/ 166.92	J-11015/36/2010-IA-II(M) Date 28.6.2011.	Validity: 30.06.2024	20.25
2.	Bangwar UG Mine	496.6/396.13	J-11015/69/82-EN.5 Date 24.5.1985.	AW-56772 validity: 31.10.2023	6.50
3.	Batura OC Mine	942.873/76.84	J-11015/65/2016-IA-II(M) Date 01.02.2021	AWH-56747 validity: 31.08.2023	20.00
4.	Damni UG Mine	335/Nil	J-11015/47/02-IA-II(M) Date 05.10.2004.	AWH-58288 validity: 31.12.2023	4.80
5.	Dhanpuri OC Mine	1075.78/748.79	J-11015/36/2010-IA-II(M) Date 28.6.2011.	AW-57570 validity : 31.03.2024	27.25
6.	Khairaha UG Mine	472.065/Nil	J-11015/72/2004-IA-II(M) Date 13.12.2022.	AWH-57838 validity : 29.02.2024	8.775
7.	Rajendra UG Mine	590/204.15	J-11015/64/05-IA-II(M) Date 24.5.2005.	AW-57642 validity 31.03.2024	6.25
8.	Sharda OC Mine	871.205/115.673	J-11015/152/2008-IA-II(M) Date 09.02.2011.	AW-56991 validity 30.11.2023	8.50
	Total area involved in mining Action	4974.52/1708.50		Total EC capacity/EIA capacity	102.325 lacs te

Table 1: Details of EC/CTE/CTO and land involved in Mining Activities

S.NO.	FINANCIAL YEAR	COAL PRODUCTION (IN LACS)	% ACHIEVEMENT AGAINST THE APPROVED EC/EIA-EMP CAPACITY (102.325 LAKH TE)
1	2018-19	53.84	52.62%
2	2019-20	52.24	51.05%
3	2020-21	52.3	51.11%
4	2021-22	41.5	40.56%
5	2022-23	52.26	51.07%
6	2023-24 (TARGET)	58.2	56.88%

Table 2: Details of last five years production against the EC/EIA- EMP capacity.

From the above data of Table 2, this is demonstrated that the mine is running well below approved Environmental Capacity/ EIA- EMP limit (around 50 %). In addition to that the 50 % of the mines of SECL,

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Sohagpur Area are underground (UG) mine, and more than 50 % of total coal production is being done by UG mine only, so, there is less/limited generation of pollutants from production related activities and within the limit of EIA-EMP/ EC capacity.



iv. That, the SECL coal mines are continuously putting efforts to improve the Environmental conditions in and around its Coal mines. A brief detail of improvements/advancements works and activities along with latest photographs and supporting documents are mentioned below:-

(a) *Dense Plantation along mine boundary, Depillared Area, on technical reclaimed OB dumps has been done regularly, with the help of MP Rajya Van Vikas Nigam Limited (MPRVVN) and raised and maintained for further 04-year, then after 05 year (1plantation year + 4 Maintenance Year) the plantation patch are handed over to SECL. The average survival of plantation is more than 80 %. A brief details of Plantation work of the last five years with photographs is annexed as ANNEXURE R-5/1 is tabulated below:*

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S.N.	Year of Plantation	Number of Plantation	Approximated Expenditure (Rs. in Lakhs)
1.	2018-19	87500	189.80
2.	2019-20	85000	184.38
3.	2020-21	140500	304.77
4.	2021-22	121500	263.55
5.	2022-23	87075	188.88
6.	Total	5,21,575	1131.40
7.	2023-24 (Target)	1,52,000 plants sapling (Which is 46% more than average of last 5 years)	

Table 3: Details of Last five years Plantation

(b) *For minimising air borne dust at sources, different advanced pollution control arrangements are provided, which includes:-*

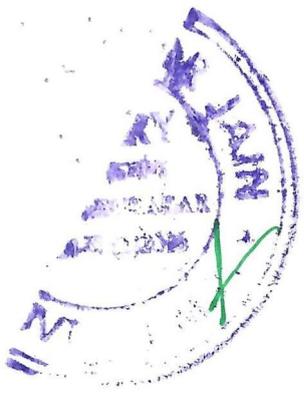
(i) Implementation of Advanced coal cutting technology like Continuous miners, Surface miners, Highwall miners in most of the mines of Sohagpur Area, which eliminates 3 major dust generating steps (i.e. drilling, blasting and crushing operation.,

A Photographs Of Continuous Miner, Highwall Miner And Surface Miner is annexed as ANNEXURE: R-5/2

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- (ii) That the Coal transportation from underground working face to surface is being done through Covered conveyor belt only. A Photographs of Covered Belt Conveyor For Transportation Of Coal From Working Face To Surface And Loading Chute is annexed as **ANNEXURE: R-5/3**
- (iii) At coal stock yard 14-20 ft high wind breaking wall is constructed in all the mines and railway siding of SECL, Sohagpur Area. The total length of wind breaking wall constructed at SECL, Sohagpur Area is more than 4200m and approximated expenditure incurred in last five year is Rs. 3.5 crores. A Photographs of Wind Breaking Wall Provided at Coal Stock Yard And Siding of SECL is annexed and marked as **ANNEXURE: R-5/4**
- (iv) More than 200 nos. heavy duty fixed sprinklers are installed and operational in coal stock yard and at internal coal transportation road of the SECL's Mines. A photograph of fixed sprinkler installed at coal stock yards and internal road is annexed as **ANNEXURE: R-5/5**. In addition to that a green belt is also developed along the Coal stock yard. A Photographs of Green Belt and Plantation in Mine Premises is annexed as **ANNEXURE: R-5/6**
- (v) That For control of dust generation from haul road, 06 nos. of 10 KL mobile water tanker, 05 nos. of 28 KL heavy-duty tankers fitted with mist nozzles are deployed and in operation. For control of fugitive dust at coal transportation road, 06 nos. of truck mounted mist type high-capacity (40-meter range) fog forming machine in different mines of the SECL. A photograph of 06 Nos. of truck mounted mist type High-Capacity (40-meter range) fog forming machine is annexed as **ANNEXURE: R-5/7**
- (vi) For reducing the generation of coal dust from coal transportation road, most of the mine having dedicated coal transportation road and regular re-carpeting /maintenance is being carried out. A Photographs of Coal Transportation Road is annexed as **ANNEXURE: R-5/8**

A brief details of all the air pollution control arrangements at different mines of SECL are appended below in Table 4.



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S.No.	Brief details of Works	Quantity	Approx. expenditure incurred	Remarks
Advance Coal producing equipment deployed in different mine of SECL				
1	Continuous miner (for coal extraction)	02 nos. (Bangwar and Khairaha UG mine)	Hiring basis	Eliminate 03 major dust generating steps - drilling, blasting, and crushing operation
2	Surface miner (For coal extraction)	01 (Amlai OC Sec B Mine)	Hiring basis	
3	Highwall miner (For coal extraction)	02 (Sharda High wall mine)	Hiring basis	
Air pollution control arrangement at SECL's Mines				
4	10 KL mobile water tanker	06 nos.	-	For fugitive dust suppression at Haul Road
5	28 KL heavy duty mobile water tanker	05 nos.	-	For fugitive dust suppression at Haul Road
6	Fixed sprinkler installed at coal stock yard and internal coal transpiration road	200 nos.	-	For fugitive dust suppression at coal stock yard and internal Road
	Truck mounted mist type high-capacity (40-meter range) fog forming machine	06 nos.	230 lacs	For fugitive dust suppression at coal stock yard internal Road, and external road
8	Wind breaking wall (14 to 20 Ft)	4200 m	Around 350 lacs	For control of direct flow of air and generation, spreading of fugitive coal dust
9	Maintenance of Coal transpiration Road and public road	10 Km	Around 480 lacs	Helps in control of coal dust from road and spillage of coal.
Water pollution control arrangements				
10	UG Sumps	15	-	For sedimentation of coal dust from strata water and water from working faces
11	Surface settling tanks	05	-	For sedimentation of coal dust from mine water
12	Sedimentation pond	03	-	For sedimentation of coal dust from mine water

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13	Pressure filter for treatment of mine water for mining operation	02	-	A portion of treated water used in mines and remaining water supplied to nearby villagers
14	Effluent treatment plants	04	-	For treatment of water from workshop and washing ramps
15	Sewage treatment plant	04 Nos.	389 lacs	For treatment of waste from colony and hospital.
16	Mine water treatment plant for water supply to villagers	02 nos.	450 lacs	The Treated water supplied to villagers
17	Roof top Rainwater harvesting structures	10 nos.	30 lacs	For conservation of water and rainwater augmentation.
	Treated mine water supplied to nearby villagers pond	07	-	For domestic usages of nearby villagers and Ground water recharge
18	Piezometers fitted with Digital water level recorder	09	14 Lacs	For continuous monitoring of ground water level

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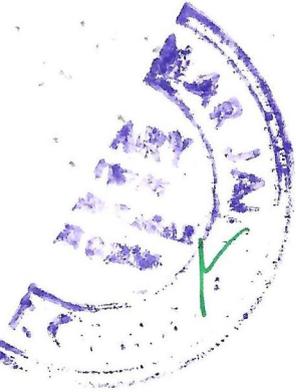
TABLE 4: DETAILS OF WORK DONE BY SECL, SOHAGPUR AREA FOR BETTER MANAGEMENT OF ENVIRONMENT AND CONTROL OF POLLUTION.

- C. That for treatment of Mine water in UG mine, sufficient UG sumps are provided in all UG mines. The mine water gets settled in UG sumps, and pumped through stage pumping, at surface it further gets settled/treated in series of Surface settling tanks and pressure filter units. A Photograph of Surface Settling Tanks And Pressure Filter is annexed as ANNEXURE: R-5/9
- d. That the treated mine water is then used for different industrial purpose like dust suppression through mobile water tankers, Fixed sprinkler, plantation, fire fighting, domestic needs of mine and a portion of remaining water is supplied to nearby villagers for which 02 dedicated mine water treatment plant has been provided. A Photographs of Mine Water Treatment Plant for supply to nearby villagers is annexed as ANNEXURE: R-5/10

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- e. The treated water is also supplied to villager's ponds for their domestic usage and ground water recharge. A Photographs Of Treated Mine Water supplied to villager's pond is annexed as **ANNEXURE: R-5/11**
- f. Ultimately, the remaining treated mine water is discharged to Nallah, which further utilised by Shahdol town for their domestic usages after treatment at sarda dam. In opencast mines, the strata water and water from working face are being settling in worked out quarry for a long period of time, the treated water is being gainfully utilised for different industrial purpose like dust suppression by mobile water tanker and fixed sprinklers, plantation, fire-fighting etc. A portion of treated water is being colony for domestic supply and supplied to villager's ponds for their domestic usage and ground water recharge. Ultimately, the remaining treated mine water is discharged to Nallah, Details as per Table no. 4.
- g. For treatment of Effluent generated from Workshop and washing ramps in opencast mines, the oil and grease removal plant/ETP are provided. For treatment and better utilization of sewage water generated from colony, 01 nos. conventional type, 02 nos. advanced Sewage Treatment Plant (01 SBR technology based, 01 MBBR technology based with AMC) and One Oxidation Ponds are provided. A PHOTOGRAPHS OF STP is annexed as **ANNEXURE: R-5/12**
- h. For ground water recharge SECL has constructed 10 nos. of Rooftop rainwater harvesting structures at different locations in colonies and mines for recharging ground water. Along with this, SECL also using Mined out quarry from Running and closed mines for ground water recharge. A Photographs of Rainwater Harvesting Structure and Mined out quarry for ground water recharge is annexed as **ANNEXURE: R-5/13**
- i. The regular monitoring of ground water level is being carried out by network of wells and 09 nos. DWLR are installed in different mines for continuous monitoring A Ground Water Level Monitoring Report And Photographs Of DWLR is annexed as **ANNEXURE: R-5/14**
- j. The routine monitoring of Air, Water and Noise level monitoring are being carried out, the last six months reports are annexed as **Annexure: R-5/15**

10. That, in compliance with Hon'ble NGT order dated 21.03.2023, the point-wise


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SM 2258/2023
07/07/2023

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compliance status of EC/CTO/CTE of each mine of SECL are attached. A latest compliance status of EC/CTE/CTO of different of SECL is annexed as ANNEXURE: R-5/16



11. That SECL's mines management are committed towards a sustainable development with eco-friendly approach and continual improvement by compliance of all statutory conditions, deployment of latest technology and uses of Best available technologies.

12. It's therefore, in facts and circumstances the written submission in compliance of the Hon'ble NGT order on behalf of respondent No 5 (I.e. SECL) may kindly be taken on record and this Hon'ble Tribunal may kindly be pleased to dismiss the instant original application and pass appropriate order (s) as deem fit.

DEPONENT

VERIFICATION: -

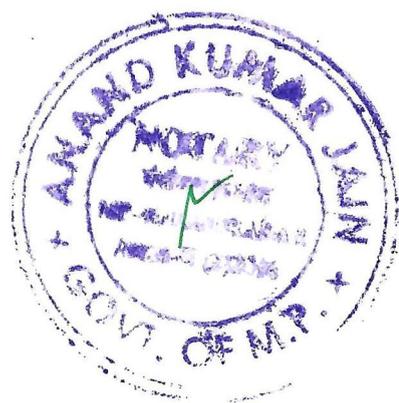
Verified at _____ this the _____ day, of July, 2023. I, the deponent above named do hereby state and verify that the contents of my above affidavit in so far as it related to facts are true to record maintained by the Respondent No:5 and I say that no part of it is false and nothing material has been concealed therefrom.

DEPONENT

Indrakumar Tiwari Ad.
R/o... Barhar... Identification
That in my Presence Executor sign
this Document.
Date 03/07/2023

Sworn before me/solemnly affirmed before me
by Shri. P.K. Gautam.
S/o Shri. Om Prakash.
aged about 32.
Resident Bilaspur.
who is present and identified by
or has been identified by Indrakumar Tiwari Ad.
Whose Signature are appended herewith.

Identifier



No.

Anand Kumar Jain
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Teh. Barhar (Shahdol)
Mo. 9425473382

Annexure – R5/1

(PHOTOGRAPHS OF PLANTATION WORK CARRIED OUT AT SECL MINES)



On OB Dumps of Open cast mines

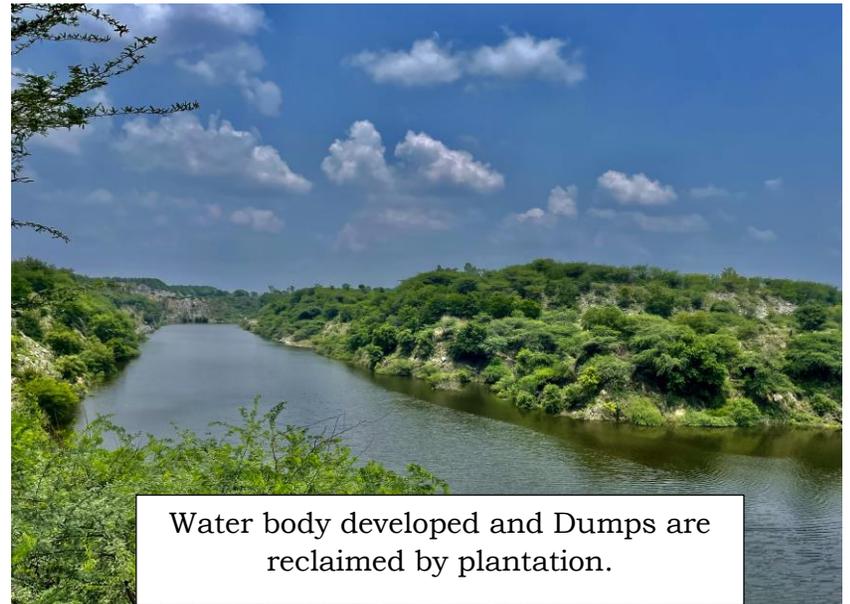


Plantation on depillared area of underground mines



Plantation on OB Dumps of Highwall mine

Time: 10-07-2023 15:09



Water body developed and Dumps are reclaimed by plantation.

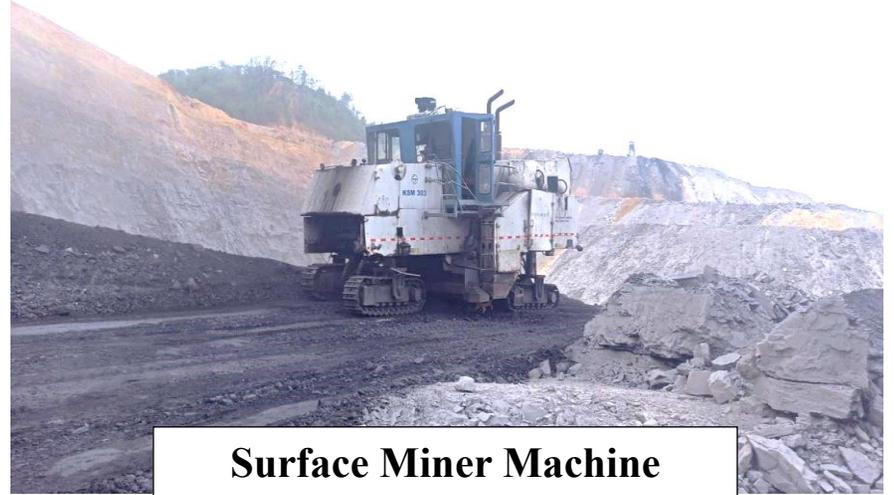
Annexure – R-5/2

**(PHOTOGRAPHS OF CONTINUOUS MINER, HIGHWALL MINER AND
SURFACE MINER)**

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Continuous Miner Machine in UG working.



Surface Miner Machine



Highwall Miner Machine



Annexure – R-5/3

(PHOTOGRAPHS OF COVERED BELT CONVEYOR FOR TRANSPORTATION OF
COAL FROM WORKING FACE TO SURFACE AND LOADING CHUTE)



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Annexure – R-5/4

**(PHOTOGRAPHS OF WIND BREAKING WALL PROVIDED AT COAL STOCK YARD
AND SIDING OF SECL)**

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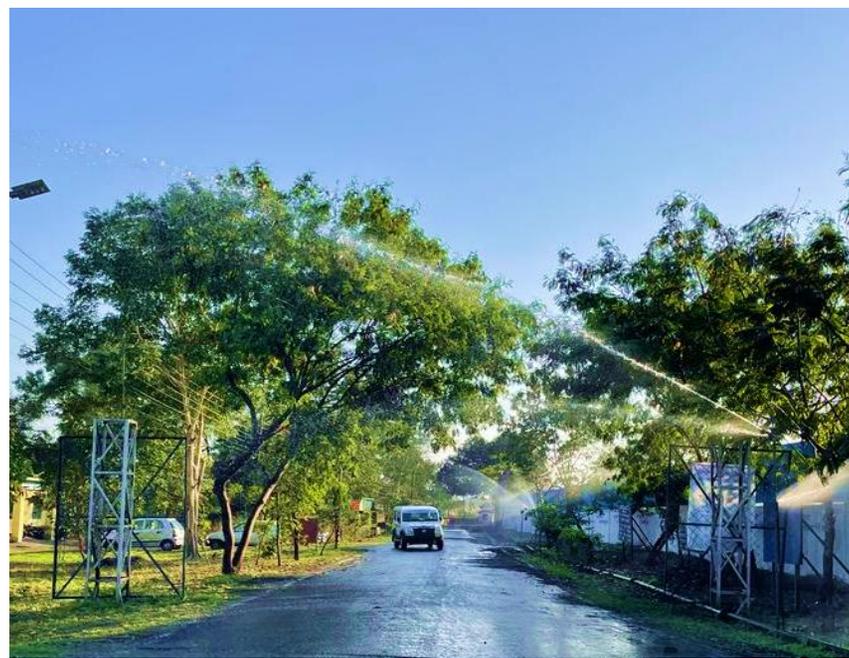


**Wind Breaking Wall Constructed along Coal stockyard
of different Mines and Railway Siding of SECL**

Annexure – R-5/5

**(PHOTOGRAPH OF FIXED SPRINKLER INSTALLED AT COAL STOCK
YARDS AND INTERNAL ROAD)**

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Annexure – R-5/6

(PHOTOGRAPHS OF GREEN BELT AND PLANTATION IN MINE PREMISES)

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Annexure – R-5/7

(PHOTOGRAPH OF 06 NOS. OF TRUCK MOUNTED MIST TYPE HIGH-CAPACITY (40-METER RANGE) FOG FORMING MACHINE)

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**06 NOS. OF TRUCK MOUNTED MIST TYPE HIGH-CAPACITY (40-METER RANGE) FOG FORMING MACHINES
OPREATIONAL IN DIFFERENT MINES OF SECL**

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Mobile water tanker for haul roads



28 KL Heavy duty Mobile water tanker for haul roads



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Annexure – R-5/8

(PHOTOGRAPHS OF COAL TRANSPORTATION ROAD)

310



Coal transportation external Roads are asphalted/ Concrete and maintained in good conditions regularly.

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Annexure – R-5/9

(PHOTOGRAPH OF SURFACE SETTLING TANKS AND PRESSURE FILTER)

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SURFACE SETTLING TANKS IN UG MINE



MINE OUT QUARRY CONVERTED IN WATER TREATMENT PONDS IN OC MINES



PRESSURE FILTERS INSTALLED IN UG MINES FOR TREATMENT OF MINE WATER FOR INDUSTRIAL USAGES

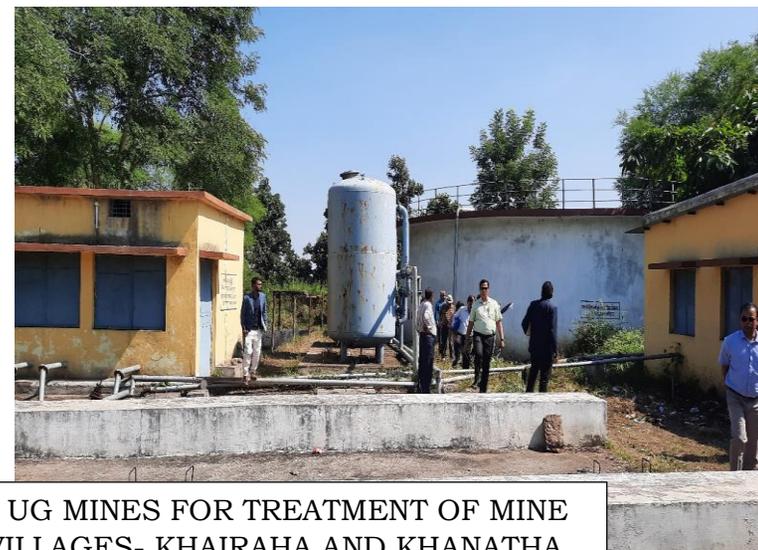
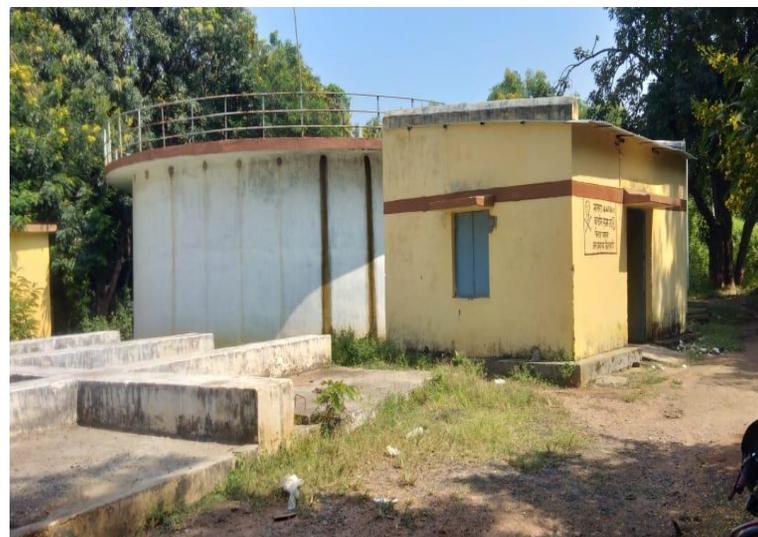


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Annexure – R-5/10

(PHOTOGRAPHS OF MINE WATER TREATMENT PLANT FOR SUPPLY TO
NEARBY VILLAGERS)

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PRESSURE FILTERS INSTALLED IN UG MINES FOR TREATMENT OF MINE WATER FOR SUPPLY TO NEARBY VILLAGES- KHAIRAHA AND KHANATHA

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Annexure – R-5/11

(PHOTOGRAPHS OF TREATED MINE WATER SUPPLIED TO VILLAGER'S
POND)

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TREATED MINE WATER SUPPLIED TO VILLAGES POND



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Annexure – R-5/12

(PHOTOGRAPHS OF STPs)

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SBR based STP and Rajendra Colony



Oxidation pond

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Annexure – R-5/13

**(PHOTOGRAPHS OF RAINWATER HARVESTING STRUCTURE AND MINED
OUT QUARRY FOR GROUND WATER RECHARGE)**

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Roof Top rainwater harvesting structures at mine premises and colonies.



Mined out quarry converted and water body, helps in ground water recharges.

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Annexure – R-5/14

(GROUND WATER LEVEL MONITORING REPORT AND PHOTOGRAPHS OF
DWLR)

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Netel (India) Limited

GROUND WATER DEPTH REPORT
(April to June - 2023)

Customer Name : South Eastern Coalfields Ltd. (SECL), Bilaspur									
Report No. : NIL/CMPDI/RPT/23/04/181									
Area : Sohagpur									
Parameter : Water Level (Below ground level)									
Method : Direct Measurement Method									
Sr. No.	Location	Sampling Date	Source	Coordinates		Water Level (meter)	Diameter (meter)	Boundary (meter)	Depth (meter)
				Latitude	Longitude				
Damini Mine									
1	Raipur - Mohan Baiga	16.04.2023	Open well	23.26750° N	81.43972° E	13.00	1.25	0.50	14.65
2	Udhiya - Ashok Singh	16.04.2023	Open well	23.24000° N	81.44500° E	4.10	2.40	0.75	11.25
3	Singhpur - Ramanand Tiwari	16.04.2023	Open well	23.21139° N	81.41639° E	5.80	2.55	0.70	9.50
4	Jhagaraha - Naresh Vishkarma	16.04.2023	Open well	23.23056° N	81.35972° E	6.10	2.30	0.55	7.70
5	Jugwari - Ram Krish Gupta	16.04.2023	Open well	23.18389° N	81.33111° E	9.15	1.60	0.50	10.90
6	Saratola - Govt. Well	16.04.2023	Open well	23.07556° N	81.34944° E	5.40	2.70	0.00	7.30
7	Mithouri - Rakesh Dwedi	16.04.2023	Open well	23.17389° N	81.40250° E	6.50	2.20	0.00	7.30
8	Majhar - Ganpati Gond	16.04.2023	Open well	23.19139° N	81.45500° E	8.10	4.90	0.00	10.70
9	Bikrampur - Govt. Well	16.04.2023	Open well	23.21167° N	81.50306° E	8.45	2.65	0.60	10.70
10	Bamauri - Govt. Well	16.04.2023	Open well	23.13778° N	81.55528° E	6.70	4.50	0.70	8.50
Khairaha Mine									
1	Kodwarkola - Ram Garib	16.04.2023	Open well	23.08167° N	81.43861° E	4.40	5.00	0.00	8.70
2	Pipaia - Daya Nand Patel	16.04.2023	Borewell	23.14333° N	81.44250° E	48.30	0.00	0.00	60.50
3	Sarangpur - Babbu Kewat	16.04.2023	Open well	23.11694° N	81.45639° E	3.00	3.30	0.00	7.10
4	Garuha - Chot Lal Gond	16.04.2023	Open well	23.11222° N	81.49528° E	6.10	5.50	0.80	8.00
5	Arijhula - Ramkhilawan Barman	16.04.2023	Open well	23.13444° N	81.50417° E	5.50	5.25	0.20	6.20
6	Bangwar - Dhukku Baiga	16.04.2023	Open well	23.14694° N	81.52028° E	7.40	4.70	0.20	9.70
7	Karkati - Lala Khushwaha	16.04.2023	Open well	23.17583° N	81.50944° E	5.20	2.40	0.00	8.00
8	Barbaspur - Govt. Well	17.04.2023	Open well	23.03444° N	81.47639° E	10.30	3.45	0.65	11.45
9	Bamauri - Binesh Prajapati	16.04.2023	Borewell	23.13278° N	81.55389° E	54.80	0.00	0.00	92.50
Rajendra Mine									
1	Budhar - Ram Manohar	16.04.2023	Open well	23.21139° N	81.53583° E	5.30	2.40	0.40	11.70
2	Dhanpuri - Guddi Bai	16.04.2023	Open well	23.18306° N	81.55028° E	5.70	2.70	0.50	8.10
3	Dongratola - Moti Singh	16.04.2023	Open well	23.11528° N	81.57000° E	6.80	2.50	0.00	9.50
4	Harhi - Ayodhya Prasad	16.04.2023	Open well	23.26028° N	81.52000° E	6.40	2.20	0.75	9.40
5	Dhiraul - Radhe shyam Patel	17.04.2023	Open well	23.12639° N	81.60889° E	8.20	2.45	0.90	10.10
6	Jarwahi - Ganesh	16.04.2023	Open well	23.25361° N	81.58028° E	2.00	5.50	1.50	4.50
7	Nawabla - Ganesh Yadav	16.04.2023	Open well	23.26778° N	81.55889° E	3.50	3.20	0.00	4.00
8	Khoh - Ghashi Ram	17.04.2023	Open well	23.03722° N	81.56083° E	3.60	2.00	0.00	6.10
9	Devi - Govt. Well	16.04.2023	Open well	23.30639° N	81.52167° E	3.80	2.50	0.00	4.10
10	Dharitola - Ram Lal Singh	16.04.2023	Open well	23.31667° N	81.57000° E	2.50	2.30	0.80	8.50
11	Sakra - Govt. Well	17.04.2023	Open well	23.07889° N	81.62389° E	5.30	3.00	0.00	9.60
Sharda Mine									
1	Amlai - Govt. Well	17.04.2023	Open well	23.20278° N	81.58056° E	4.10	2.80	0.50	5.70
2	Chaka - Lali Kewat	17.04.2023	Open well	23.24000° N	81.61750° E	8.30	3.50	0.00	12.00
3	Khamraudh - Ram Bai Gond	17.04.2023	Open well	23.23944° N	81.63667° E	5.80	2.10	1.00	10.00
4	Nimuha - Rashida Khan	16.04.2023	Open well	23.31083° N	81.62306° E	5.20	5.10	0.40	8.10
5	Balbahra - Budha Lal	16.04.2023	Open well	23.28861° N	81.67333° E	10.10	2.00	0.00	15.20
6	Hanthilbari - Puran Singh	16.04.2023	Open well	23.33472° N	81.68861° E	5.60	2.10	0.00	10.50
7	Jamuri - Govt. Well	16.04.2023	Open well	23.29667° N	81.70583° E	8.00	3.40	0.00	8.70
8	Girba - Govt. Well	16.04.2023	Open well	23.28028° N	81.69583° E	7.90	3.30	0.80	9.50
9	Bachawar - Chanu	16.04.2023	Open well	23.33972° N	81.75833° E	3.00	1.75	0.00	10.10
Batura Mine									
1	Karratola - Lakan Singh	17.04.2023	Open well	23.07917° N	81.68889° E	13.10	3.00	0.65	18.50
2	Maiaras - Narad Muni Patel	17.04.2023	Open well	23.14139° N	81.64972° E	18.70	2.75	0.65	20.70
3	Chachai - Ravi Kant Gupta	17.04.2023	Open well	23.17833° N	81.65361° E	3.40	1.90	0.20	4.00
4	Anuppur - Govt. Well	17.04.2023	Open well	23.11889° N	81.69444° E	5.00	3.30	0.00	10.50



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Sr. No.	Location	Sampling Date	Source	Coordinates		Water Level (meter)	Diameter (meter)	Boundary (meter)	Depth (meter)
				Latitude	Longitude				
5	Batura - Govt. Borewell	17.04.2023	Boerwell	23.20889° N	81.64500° E	30.40	---	---	86.20
6	Khanra - Puran Lal Mohan	16.04.2023	Open well	23.19472° N	81.69694° E	7.20	2.50	1.00	14.50
7	Kodali - Govt. Borewell	17.04.2023	Boerwell	23.20417° N	81.67500° E	36.50	---	---	90.20
8	Maitola - Bagul Yadav	17.04.2023	Open well	23.16111° N	81.75194° E	3.20	2.00	0.00	11.30
9	Majhail - Govt. Well	16.04.2023	Open well	23.24472° N	81.75583° E	4.50	2.00	0.00	10.50
10	Manpur - Salik Ram Tiwari	17.04.2023	Open well	23.16028° N	81.68639° E	6.50	5.20	0.00	10.00
11	Pararia - Govt. Well	16.04.2023	Open well	23.22444° N	81.75472° E	4.00	4.30	0.00	9.30
12	Keshwani - ManiPal Soni	16.04.2023	Open well	23.29583° N	81.78361° E	3.80	3.10	1.00	5.00
13	Bangawan - Puriya Bai	16.04.2023	Open well	23.18583° N	81.80361° E	6.50	2.30	0.50	8.20
14	Barri - Katku Rathore	17.04.2023	Open well	23.12806° N	81.72361° E	5.20	3.20	0.30	10.40
15	Bijauri - Raj Rani Yadav	16.04.2023	Open well	23.15667° N	81.81611° E	3.00	2.35	0.00	12.30
16	Chilpa - Gaggu Baiga	16.04.2023	Open well	23.24639° N	81.81278° E	3.10	5.10	0.00	9.50
17	Sindhuri - Angad Rathore	17.04.2023	Open well	23.10778° N	81.74417° E	10.00	3.30	0.00	12.00
18	Kolmi - Beni Madhav Prasad	16.04.2023	Open well	23.15667° N	81.81611° E	3.50	5.50	0.60	10.00
19	Dhanaura - Govt. Well	16.04.2023	Open well	23.28694° N	81.81389° E	5.20	3.00	0.85	9.60

For NETEL INDIA LIMITED

Shradha Kere

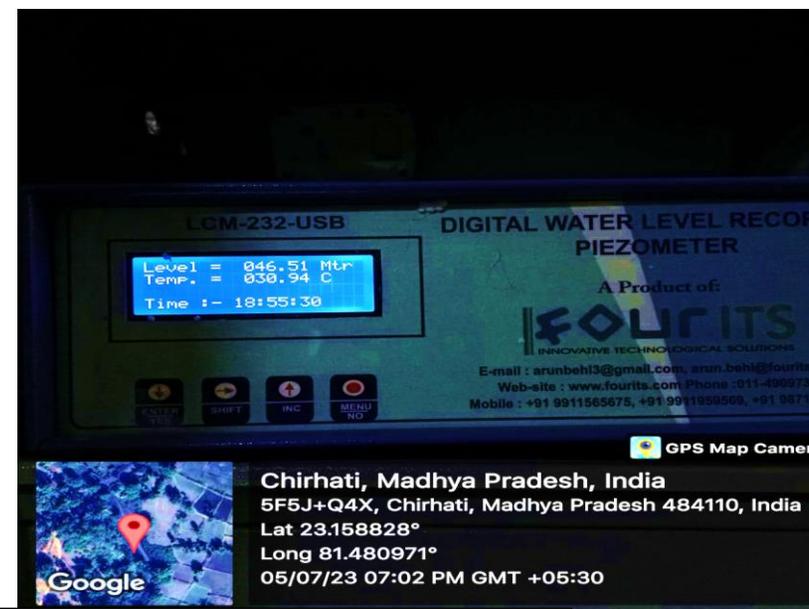
Shradha Kere
Authorised Signatory



Water level and quality monitoring by
network of wells



323



Digital water recorder installed in piezometer for continuous monitoring of water level.