



HIRA
GODAWARI POWER & ISPAT



GPIL/EMS/23-24/461

Date: 01.12.2023

To

The Regional Officer/Dy Director General of Forests (C),
Ministry of Environment, Forest & Climate Change
Integrated Regional Office, RAIPUR
Ground Floor, Aranya Bhawan, North Block, Sector- 19,
Naya Raipur, Atal Nagar, Chhattisgarh – 492002
Email ID - iro.raipur-mefcc@gov.in

Subject: Submission of six monthly reports on status of the compliance of the conditions stipulated in Environment Clearance.

Reference: EC Letter F. no. J-11015/208/2006-IA II(M) dated 31.01.2007 and amendment vide dated;15.10.2015.

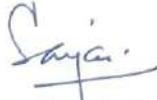
Dear Sir,

With reference to the subject matter, we are submitting herewith the status on compliance of the conditions stipulated in Environment Clearances granted vide letter no. J-11015/208/2006-IA II(M) dated 31.01.2007 and amendment vide dated 15/10/2015 for Iron Ore Mines at Village – Boria Tibbu, Tehsil- Mohla, Distt. – RajnandGaon (C.G.) of Godawari Power & Ispat Limited at Siltara - Raipur, for the **period of April, 2023 to September, 2023.**

This is for your kind information and necessary record please.

Thanking you,

Yours faithfully,
For, **GODAWARI POWER & ISPAT LTD.**


(Authority Signature)

Godawari Power & Ispat Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 certified company
CIN L27106CT1999PLC013756

Registered Office and Works: Plot No. 428/2, Phase 1, Industrial Area, Siltara, Raipur - 493111, Chhattisgarh, India
P: +91 771 4082333, F: +91 771 4082234

Corporate Address: Hira Arcade, Near New Bus Stand, Pandri, Raipur - 492001, Chhattisgarh, India
P: +91 771 4082000, F: +91 771 4057601

www.godawaripowerispat.com, www.hiragroup.com

POINT WISE COMPLIANCE STATUS

Of the Conditions stipulated vide Environmental Clearance F.no. J-11015/208/2006-IA II(M) dated 31.01.2007.

(Period : Apr' 2023 to Sep'2023)

A. SPECIFIC CONDITIONS

S. NO.	EC CONDITIONS	COMPLIANCE STATUS
(i)	Top soil shall be stacked properly with proper slope with adequate safeguards and shall be back filled for reclamation and rehabilitation of mined out area.	At present top soil generation is nil. However, topsoil generated in future will be stacked separately and will be utilised for plantation purpose.
(ii)	Over burden shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 mt. each stage shall preferably be of 10 m and over all slope of the dump shall not exceed 28°. The mine pit area shall be reclaimed by back filling the OB in a phased manner. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly bases.	The Over Burden (OB) generated during mining operation is being dumped at earmarked dump site and phase-wise stabilization of OB dump is under process. Plantation of native species have been carried out in inactive terraces of OB Dumps.
(iii)	Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Garland drains (size, gradient and length) shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at corners of the garland drains and de-silted at regular intervals.	Garland drains in and around the OB dump and mineral dumps have been established. Drains are interconnected with series of siltation ponds to arrest the silts and sediments of surface run off. Garland drains around mine pit have been also constructed for maximum discharge of rainfall in the adjoining areas. Well drainage system has been provided separately for discharge of storm water.
(iv)	Drilling and blasting shall be by using dust extractors / wet drilling.	Wet drilling is being performed to minimize dust generation.
(v)	Plantation shall be raised in an area of 75.10 ha including green belt of adequate width by planting the native species around the ML area, roads, OB dump sites etc. in consultation with the local DFO /Agriculture Department. The density of the trees shall be around 2500 plants per ha.	A greenbelt of native species is being developed, total 38500 nos. of saplings have been planted, covering an area of 17.80 ha. inside the mining lease area. Annexure - I) In addition to above, 17500 nos. of saplings have been planted outside/ road side areas of the mining lease area. The density of existing plantation is around 2500 plants per ha.
(vi)	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground water Board.	5 Nos. of settling pit and 01 No. Pond (80*40*10) have been constructed to recharge surface run off.
(vii)	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year- pre-monsoon (April-May),	Piezometer has been installed in mines to monitor ground water level. Further, ground water level is also being monitoring all four seasons by establishing a network of wells. Ground Water level Monitoring Report is enclosed as Annexure - II.

POINT WISE COMPLIANCE STATUS

Of the Conditions stipulated vide Environmental Clearance F.no. J-11015/208/2006-IA II(M) dated 31.01.2007.

(Period : Apr' 2023 to Sep'2023)

	monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MoEF, Central Ground Water Authority and Regional Director Central Ground Water Board.	<p>The ground water quality monitoring is being carried out on monthly basis and analysis reports are being submitted regularly to Regional Office, CECB, Bhilai-Durg. Copy of the same is enclosed as Annexure – III.</p> <p>The data collected is being submitted along-with half yearly EC compliance report regularly to the Ministry of Environment & Forests and its Regional Office, Nagpur.</p>
(viii)	Prior permission from the competent authority shall be obtained for drawl of ground water, if any.	NOC for withdrawal of ground water has been obtained from Central Ground Water Authority vide letter no. CGWA/NOC/MIN/REN/2/2023/8188; dated 05.9.2023 which is valid up-to 24.07.2024 (Copy enclosed as Annexure – IV).
(ix)	Vehicular emission shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.	<p>All earth moving equipment's and vehicles engaged in transportation are undergone periodic Test for vehicular emission.</p> <p>Further, emission level is kept under control by rigorous maintenance of all engines by replacing lubricants as per the recommendations.</p> <p>All the transport vehicles are being covered with tarpaulin and over loading is strictly prohibited to avoid the fugitive emission.</p>
(x)	A final Mine closure plan, along with details of corpus fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closures for approval.	Mining is under operation as per our yearly production plan. Hence, final mine closure plan will be submitted in due course of time to MoEF & CC for approval.

B. GENERAL CONDITIONS

S. NO.	EC CONDITIONS	COMPLIANCE STATUS
i	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Agreed, Undertaking submitted.
ii	No change in the calendar plan including excavation, quantum of mineral iron ore shall be made.	Agreed, Undertaking submitted.
iii	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forests and wildlife department.	As per the advice of Forest Department, we have provided vehicles, watchman and infrastructural facility as measures to protect Flora & Fauna in core & buffer zone.
iv	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM,SPM,SO ₂ ,NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and	Four ambient air quality monitoring stations have been established in the core zone as well as in the buffer zone for measurement of PM ₁₀ , PM _{2.5} , SO ₂ , NO _x with the consultation of the State Pollution Control Board. (Annexure -V)

POINT WISE COMPLIANCE STATUS

Of the Conditions stipulated vide Environmental Clearance F.no. J-11015/208/2006-IA II(M) dated 31.01.2007.

(Period : Apr' 2023 to Sep'2023)

	frequency should be undertaken in consultation with the State Pollution Control Board.	
v	Data on ambient air quality (RPM,SPM,SO ₂ ,NO _X) should be regularly submitted to the Ministry including its Regional office located at Bhopal and the state pollution control Board/Central pollution Control Board once in six month.	The Ambient Air Quality Monitoring Data is being submitted to the Regional Office, CECB, Bhilai-Durg regularly. Annexure – III. Air Quality Monitoring data is also submitted to the Ministry of Environment and Forests including its Regional office, Nagpur along with six monthly compliance report.
vi	Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	Continuous water sprinkling is being carried out through water tankers on haul roads and other dust generating points and areas.
vii	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/ muffs.	Control measures such as maintenance of all machines including checking of silencers on regular basis, installing immovable machinery on foundations and closed rooms are being provided. The workers engaged at noisy areas are being provided with ear plugs/muffs.
viii	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent.	No workshop waste water is being generated in mining area, as the mining equipment is deployed by the Mine Developer cum Operator (MDO), major repairing and overhauling etc. is done by them outside the lease, therefore, no workshop exists within the lease area.
ix	Personal working in dusty areas shall wear protective respiratory devices and they shall be provided with adequate training and information on safety and health aspects.	Personal protective equipment's like dust mask, gloves, goggles, ear plugs, helmet, safety shoe etc have been provided to the mine workers. Safety Awareness Training & Information on health hazards are being periodically provided to all workmen.
x	Occupational health surveillance program of the workers shall be undertaken periodically to observe any contraction due to exposure to dust and take corrective measures, if needed.	Periodical medical examination of workmen has been performed and Reports are uploaded at website of Health & Safety Department, Raipur regularly.
xi	A separate environmental management cell with suitable qualified personal shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate Environment Management Cell with qualified personnel is functioning under the control of Senior Executive, who reports directly to the Head of the Organization. Information in this respect is being submitted to the ministry time to time.
xii	The project authorities shall inform to the regional office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Agreed
xiii	The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.	An amount of Rs. 14.65 Lakh has been spent towards Environmental Protection during compliance period incl. fencing, watch & care, plantation etc.

POINT WISE COMPLIANCE STATUS

Of the Conditions stipulated vide Environmental Clearance F.no. J-11015/208/2006-IA II(M) dated 31.01.2007.

(Period : Apr' 2023 to Sep'2023)

xiv	The regional office of this ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Rregional office by furnishing the requisite data/information/ monitoring reports.	Requisite data/information/ monitoring reports submitted timely as and when required.
xv	A copy of clearance letter will be marked to concerned panchayat/local NGO, if any from whom suggestion /representation has been received while processing the proposal.	Submitted
xvi	State pollution control board should display a copy of the clearance letter at the regional office district industry center and collector's office/Tehsildar's office for 30 days.	Complied
xvii	The project authority should advertised at least in two local news papers widely circulated one of which shall be in the vernacular language of the locality concerned, within seven days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of Ministry of Environment of Forests at http://envfor.nic.in and copy of the same shall be forwarded to the regional office of this ministry located Bhopal.	Copy of environment clearance letter has been published in two local news paper and is available with SPCB and forwarded the same to the Ministries Regional Office.

ANNEXURE-I

BORIA TIBBU IRON ORE MINES, MOHAL, RAJNANDGAON (A unit of Godawari Power and Ispat Ltd., Raipur)

PLANTATION



ANNEXURE-II

BORIA TIBBU IRON ORE MINES, KACHCHE, BHANUPRATAPPUR, KANKER

(A unit of Godawari Power and Ispat Ltd., Raipur)

WATER LEVEL MONITORING REPORT

(PERIOD: PRE-MONSOON & POST MONSOON)

SN	Location	Water Table (in Meter)					
		Max	Min	Avg	Max	Min	Avg
		Pre-monsoon			Post Monsoon		
1	Boria Tibbu	10.3	10.2	10.3	7.1	5.9	6.5
2	Dulki Village	8.9	8.7	8.8	5.5	3.4	4.4
3	Khargaon	10.8	10.1	10.5	4.6	3.9	4.2
4	Boria Moksa	8.2	8.0	8.1	3.6	2.9	3.3



GPIL/EMS/2023-24/387

Date: 05.10.2023

To,
The Regional Officer
Chhattisgarh Environment Conservation Board,
5/32 Banglow,
Bhilai-Durg, Chhattisgarh

Sub: Air Monitoring & Water Analysis Report for the Month of Sep- 2023.

Dear Sir,

We are submitting herewith Air Monitoring & Water Analysis Report for the month of Sep-2023 with respect to Iron Ore Mining Unit, Boria Tibbu of Godawari Power & Ispat Limited, Raipur.

This is for your kind information and record please.

Thanking You

For, GODAWARI POWER & ISPAT LIMITED

Sanjay Srivastava
(AVP-Environment)

Encl: A/a



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GROUND WATER ANALYSIS REPORT

3	Sample Collection date	05.09.2023			
4	Date of Analysis	06.09.2023 to 09.09.2023			
5	Sample Collected By	Mr. Prakash Dewangan			
B. ANALYSIS DETAILS :					
SN.	Parameters	Limit as per IS 10500: 2012	Results		Analysis Methods
			Vill-Boria	Vill-Dhulki	
PHYSICAL ANALYSIS					
1	Colour	05	Colourless	Colourless	IS:3025 (4)
2	Odour	Unobjectionable	Unobjectionable	Unobjectionable	IS:3025 (5)
3	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (7)
4	Turbidity	01	0.8	0.6	IS:3025 (X)
5	Dissolved solids mg/l	500	344	332	IS:3025 (16)
CHEMICAL ANALYSIS					
6	PH Value	6.5 - 8.5	7.25	7.32	IS:3025 (11)
7	Hardness(T) CaCO ₃ mg/l	200	142	136	IS:3025 (21)
8	Calcium (Ca)mg/l	75	55	48	IS:3025 (40)
9	Magnesium (Mg) mg/l	30	21	22	IS:3025 (46)
10	Iron (Fe) mg/l	0.3	0.22	0.20	IS:3025 (43)
11	Chloride (Cl) mg/l	250	56	44	IS:3025 (32)
12	Free Residual Chlorine	0.2	Nil	Nil	IS:3025 (36)
13	Lead (as Pb) mg/l	0.01	BDL	BDL	IS:3025 (47)
14	Manganese (as Mn) mg/l	0.10	BDL	BDL	APHA-3111B
BIOLOGICAL ANALYSIS					
15.	E. Coli (Bacteria count)	0/100ml	Nil	Nil	IS:1622:1981

Wemy
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Prakash
AGM

Sava
Head of the Department
(Environment Management System)



Abbreviation: ASTM- American Society for testing & Materials, APHA- American Public Health Association, IS - Indian Standard; Monitoring & Analysis Protocols : as per Indian Standard Manual of various part/editions, for Water & Waste water analysis.



HIRA

GODAWARI POWER & ISPAT



GPIL/EMS/2023-24/364

Date: 06.09.2023

To,
The Regional Officer
Chhattisgarh Environment Conservation Board,
5/32 Banglow,
Bhilai-Durg, Chhattisgarh

Sub: Air Monitoring & Water Analysis Report for the Month of August-2023.

Dear Sir,

We are submitting herewith Air Monitoring & Water Analysis Report for the month of **August-2023** with respect to Iron Ore Mining Unit, Boria Tibbu of Godawari Power & Ispat Limited, Raipur.

This is for your kind information and record please.

Thanking You

For, **GODAWARI POWER & ISPAT LIMITED**

Sanjay Srivastava
(AVP-Environment)

Encl: A/a



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GROUND WATER ANALYSIS REPORT

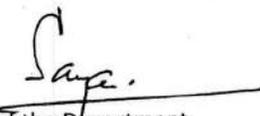
3	Sample Collection date	07.08.2023
4	Date of Analysis	08.08.2023 to 11.08.2023
5	Sample Collected By	Mr. Prakash Dewangan

B. ANALYSIS DETAILS :

SN.	Parameters	Limit as per IS 10500: 2012	Results		Analysis Methods
			Vill-Boria	Vill-Dhulki	
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2	Odour	Unobjectionable	Unobjectionable	Unobjectionable	IS:3025 (5)
3	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (7)
4	Turbidity	01	0.9	0.7	IS:3025 (X)
5	Dissolved solids mg/l	500	352	340	IS:3025 (16)
CHEMICAL ANALYSIS					
6	PH Value	6.5 - 8.5	7.36	7.28	IS:3025 (11)
7	Hardness(T) CaCO ₃ mg/l	200	156	140	IS:3025 (21)
8	Calcium (Ca)mg/l	75	45	40	IS:3025 (40)
9	Magnesium (Mg) mg/l	30	22	18	IS:3025 (46)
10	Iron (Fe) mg/l	0.3	0.20	0.18	IS:3025 (43)
11	Chloride (Cl) mg/l	250	42	32	IS:3025 (32)
12	Free Residual Chlorine	0.2	Nil	Nil	IS:3025 (36)
13	Lead (as Pb) mg/l	0.01	BDL	BDL	IS:3025 (47)
14	Manganese (as Mn) mg/l	0.10	BDL	BDL	APHA-3111B
BIOLOGICAL ANALYSIS					
15.	E. Coli (Bacteria count)	0/100ml	Nil	Nil	IS:1622:1981


CHEMIST


AGM


Head of the Department
(Environment Management System)

Abbreviation: ASTM- American Society for testing & Materials, APHA- American Public Health Association, IS - Indian Standard; **Monitoring & Analysis Protocols :** as per Indian Standard Manual of various part/editions, for Water & Waste water analysis.



GPIL/EMS/2023-24/386

Date: 05.10.2023

To,
The Regional Officer
Chhattisgarh Environment Conservation Board,
New HIG 5 & 6, Adhanpur Housing Board Colony,
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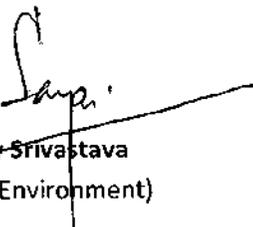
Dear Sir,

We are submitting herewith Air Monitoring & Water Analysis Report for the month **Sep- 2023** with respect to Ari Dongri Iron Ore Mining Unit, Kachche of Godawari Power & Ispat Limited, Raipur.

This is for your kind information and record please.

Thanking You

For, **GODAWARI POWER & ISPAT LIMITED**


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(AVP-Environment)

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GODAWARI POWER & ISPAT

428/2, Phase-1, Industrial Area, Siltara, Raipur - 493111, Chhattisgarh, India

AMBIENT AIR MONITORING REPORT

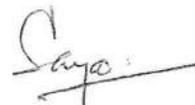
IRON ORE MINES BORIYA TIBBU

FOR THE MONTH OF Sep-2023

I. SAMPLING DETAILS :					
Date of Sampling	05.09.2023				
Date of Analysis	06.09.2023				
Monitored by	Mr. Feroz Khan & Mr. Prakash Dewangan				
Analyzed by	Mr. Ugendra Verma				
II. AMBIENT AIR MONITORING RESULTS					
SN	MONITORING STATIONS	PARAMETERS MEASURED CONCENTARATION IN $\mu\text{g}/\text{m}^3$			
		PM ₁₀	PM _{2.5}	SO ₂	NO _x
Core zone					
1	Near QC Lab (South-West)	53.6	25.2	12.9	16.5
2	Near Work Face (North)	45.3	18.6	7.5	11.7
3	Near Labour plot area	52.3	23.6	12.0	15.7
4	Near main gate area	54.6	25.9	14.7	19.3
Core zone					
3	Village - Dhulki (East)	47.6	19.8	8.9	13.9
4	Village- Rasuli (West)	45.3	18.0	7.2	12.2


CHEMIST


AGM


Head of the Department
Environment Management System

Abbreviation: CECEB-Chhattisgarh Environment Conservation Board; PM-Particulate Matter; AFBC- Air Fluidised Bed Combustion
Monitoring & Analysis Protocols : PM-IS 11255 (Part-I) 1985:Reaff. 2003) SO₂- Indian Standard IS :5182 (Part 2), 2001: NO_x- IS 5182 (Part VI): 2006 1st 201 PM10 & PM2.5 -IS 5182 (Part 23) : 2006.



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AMBIENT AIR MONITORING REPORT

IRON ORE MINES BORIYA TIBBU

FOR THE MONTH OF August-2023

I. SAMPLING DETAILS :					
Date of Sampling	07.08.2023				
Date of Analysis	08.08.2023				
Monitored by	Mr. Feroz Khan & Mr. Prakash Dewangan				
Analyzed by	Mr. Ugendra Verma				
II. AMBIENT AIR MONITORING RESULTS					
SN	MONITORING STATIONS	PARAMETERS MEASURED			
		CONCENTRATION IN $\mu\text{g}/\text{m}^3$			
		PM ₁₀	PM _{2.5}	SO ₂	NO _x
Core zone					
1	Near QC Lab (South-West)	52.6	24.3	12.9	17.3
2	Near Work Face (North)	48.7	20.7	8.9	15.3
3	Near Labour plot area	54.9	25.3	14.3	18.6
4	Near main gate area	50.3	22.7	10.0	16.0
Core zone					
3	Village - Dhulki (East)	48.6	20.6	9.0	15.2
4	Village- Rasuli (West)	46.0	19.4	8.5	13.7


CHEMIST


AGM


Head of the Department
Environment Management System

Abbreviation: CECB-Chhattisgarh Environment Conservation Board; PM-Particulate Matter; AFBC- Air Fluidised Bed Combustion
Monitoring & Analysis Protocols : PM-IS 11255 (Part-I) 1985;Reaff. 2003) SO₂- Indian Standard IS :5182 (Part 2), 2001: NO_x- IS 5182
(Part VI): 2006 1st 201 PM10 & PM2.5 -IS 5182 (Part 23) : 2006.



GPIL/EMS/2023-24/386

Date: 05.10.2023

To,
The Regional Officer
Chhattisgarh Environment Conservation Board,
New HIG 5 & 6, Adhanpur Housing Board Colony,
Jagdalpur (C.G.) Pin Code No. 494001

Sub: Air Monitoring & Water Analysis Report for the Month of **Sep-2023**.

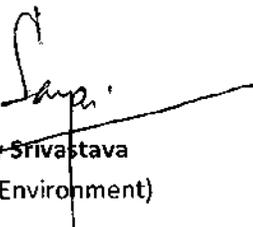
Dear Sir,

We are submitting herewith Air Monitoring & Water Analysis Report for the month **Sep- 2023** with respect to Ari Dongri Iron Ore Mining Unit, Kachche of Godawari Power & Ispat Limited, Raipur.

This is for your kind information and record please.

Thanking You

For, **GODAWARI POWER & ISPAT LIMITED**


Sanjay Srivastava
(AVP-Environment)

Encl: A/a

Godawari Power & Ispat Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 certified company
CIN L27106CT1999PLC013756

Registered Office and Works: Plot No. 428/2, Phase 1, Industrial Area, Siltara, Raipur - 493111, Chhattisgarh, India
P. +91 771 4082333, F. +91 771 4082234

Corporate Address: Hira Arcade, Near New Bus Stand, Pandri, Raipur - 492001, Chhattisgarh, India
P. +91 771 4082000, F. +91 771 4057601

www.godawaripowerispat.co.in, www.hiragroup.com

ANNEXURE-IV



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Boria Tibbu Iron Ore Mine (m/s-godawari Power And Ispat Ltd)		
Project Address:	Boria, Mohla		
Village:	Mohla	Block:	Mohala (td)
District:	Rajnandgaon	State:	Chhattisgarh
Pin Code:			
Communication Address:	Village - Boria, Mohla, Mohala (td), Rajnandgaon, Chhattisgarh - 491226		
Address of CGWB Regional Office :	Central Ground Water Board North Central Chhattisgarh, 2nd Floor, Lk Corporate And Logistic Park, Dhamtari Road, Nh-30, Dumartarai, Raipur, Chhattisgarh - 492015		

1. NOC No.:	CGWA/NOC/MIN/REN/2/2023/8188	2. Date of Issuance	05/09/2023									
3. Application No.:	21-4/699/CT/MIN/2017	4. Category: (GWRE 2022)	Safe									
5. Project Status:	Existing Ground Water	6. NOC Type:	Renewal									
7. Valid from:	25/07/2022	8. Valid up to:	24/07/2024									
9. Ground Water Abstraction Permitted:												
Fresh Water		Saline Water		Dewatering		Total						
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year					
399.00	145635.00											
10. Details of ground water abstraction /Dewatering structures												
Total Existing No.:3						Total Proposed No.:0						
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	3	0	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
11. Ground Water Abstraction/Restoration Charges paid (Rs.):				583339.00								
12. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers			Monitoring Mechanism								
				Manual	DWLR**	DWLR With Telemetry						
**DWLR - Digital Water Level Recorder	1			0	1	0						

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

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Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
- 31) In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agency/ agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

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Website: cgwa-noc.gov.in

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SAVE WATER - SAVE LIFE

CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
<https://cgwa-noc.gov.in>

Application No.:	21-4/699/CT/MIN/2017	Date:05/09/2023
Name of Firm:	BORIA TIBBU IRON ORE MINE (M/S-GODAWARI POWER AND ISPAT LTD)	
AppType Category:	Iron ore	
Application Type:	Mining	
PAN/GSTIN No. of Firm/Individual:	/	

S N	Description	Amount (Rs.)
1.	Application Processing Fee	1000.00
2.	Ground Water Abstraction /Restoration charges	583339.00
3.	Environmental Compensation Charges (ECRGW) (Date From to) Days-	
4.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	0.00
Rs. Rupees Five Lakh Eighty Four Thousand Three Hundred Thirty Nine Only		584339.00

This is an system generated invoice, hence, does not require ink signed.

AAQ STATION



Manpur, Chhattisgarh, India

Latitude
20.45341589°

Local 02:04:16 PM
GMT 08:34:16 AM

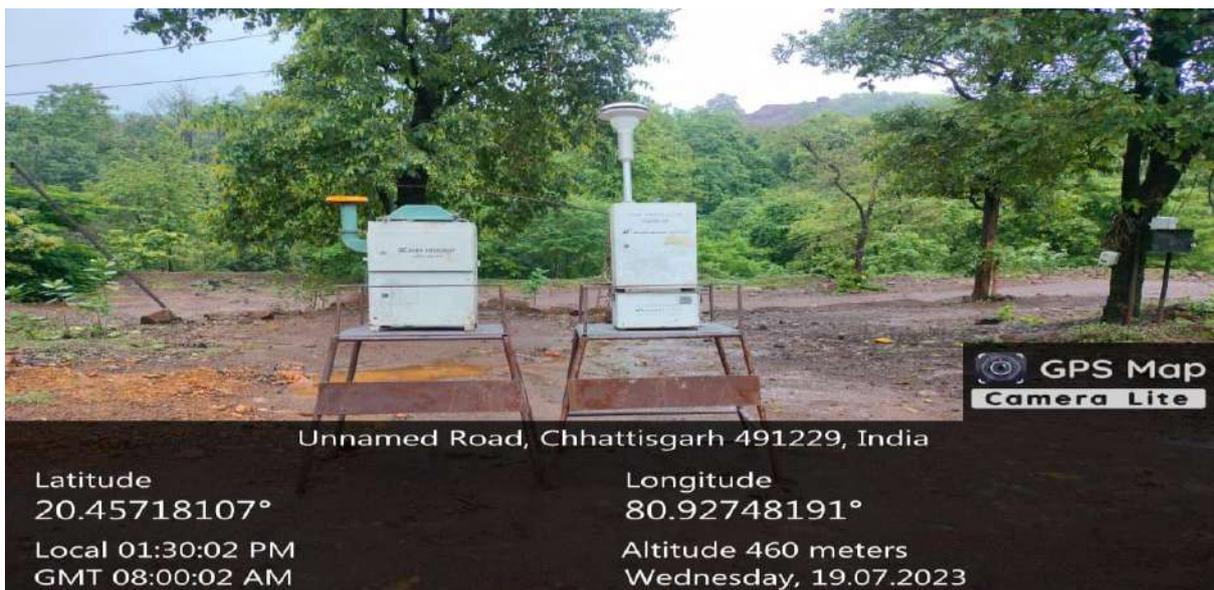
Longitude
80.92517797°

Altitude 544 meters
Wednesday, 19.07.2023

Station No – 1 Near Main Gate Area



Station No – 2 QC Lab Area



Station No – 3 Labour Plot Areas



Station No - 4 Work Face Area