

RCC/ENV/ECC(IU)/F-C1/2024/

Date: 1st December 2024

To,
Ministry of Environment, Forest & Climate Change
Regional Office (Western Zone)
Government of India
“Kendriya Paryavaran Bhavan”
Link Road No.3, E-5, Ravishankar Nagar
Bhopal – 462016 (M.P.)

Subject: Environmental Clearance No.- F. No. J-11011/252/2009-IA-II (I) dated 3rd May 2011
Cement Plant (Phase -I, Clinker 3.0 MTPA; Cement 3.8 MTPA) at Village Sanghigram,
PO Kari Talai, Tehsil Vijayraghavgarh, District Katni in Madhya Pradesh along with
Captive Limestone mine (1244.85 ha, 5.64 MTPA) near Village Jamuani Khurd, Chari,
Durjanpur, and Padrehi - Compliance Report.

Dear Sir,

This has reference to Environmental Clearance F. No. J-11011/252/2009-IA-II (I) dated 3rd May 2011. We are submitting six monthly compliance reports along with this letter for your kind perusal.

We hope this is in order please.

Yours Faithfully,

For **RCCPL PVT. LTD (Sanghi Infrastructure M.P. Ltd.)**



P K Choudhary

Plant Head

CC:

The Zonal Officer

Central Pollution Control Board
Zonal Office (Central)
3rd Floor, Sahkar Bhawan,
North T.T. Nagar, Bhopal – 462 003

The Regional Officer

MP Pollution Control Board, Katni
District Katni (M.P.)

The Director (Industry)

Ministry of Environment, Forest & Climate Change
Vayu Wing, Indira Paryavaran Bhawan,
Jor Bagh Road, Ali Ganj,
Delhi-110 003

Member Secretary

MP Pollution Control Board
E-5, Arera Colony, Paryavaran Parisar
Bhopal - 462016

Sanghi Infrastructure M.P. Limited

(Environmental Clearance No.- F. No. J-11011/252/2009-IA-II (I) dtd 03rd May 2011)

S. N.	Conditions	Compliance
A.	SPECIFIC CONDITIONS	
i	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of PM shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system and energy efficient technology. Continuous monitoring of stack emission as well as ambient air quality (as per notified standards) shall be carried out and continuous record maintained. Based on the monitored data, necessary corrective measures as may be required from time to time shall be taken to ensure that the levels are within permissible limits. The results of monitoring shall also be submitted to the respective Regional Office of MoEF regularly. Besides, the results of monitoring will also be put on the website of the company in public domain.	As Plant has not been established. Only mine is on operation. Continuous Ambient air quality monitoring station has been installed. Various parameters such as PM ₁₀ , PM _{2.5} , SO _x , NO _x and CO are being monitored as per guidelines. The data is also been displayed using electronic display board in public domain. Ambient air quality monitoring reports is enclosed as ANNEXURE – 1 .
ii	The ambient air quality data as well as the stack emission data shall also be displayed in public domain at some prominent place near the main gate of the company and updated in real time.	Complied. The real time data of mine is been displayed through electronic display board.
iii	The six monthly monitoring report as well as the mentioned data on various parameters as stipulated in environment clearance conditions shall be put on the website of the company and also regularly updated. The monitored data shall also be submitted to respective State Pollution Control Board / UTPCCs and the Regional Office of MoEF.	Complied. Data submitted along with compliance report.
iv	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the Ministry and its Regional Office at Bhopal within three months from the date of issue of the letter.	Not applicable. As Plant has not been established. Only mine is on operation.
v	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No.826 (E) dated 16th November, 2009 should be followed.	Noted for compliance.
vi	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	Noted and Being complied. As Plant has not been established. Only mine is on operation. Guidelines / Code of Practice issued by the CPCB are being followed to control fugitive emission from mine.

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vii	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.	<ul style="list-style-type: none"> We have deployed dedicated water tanker for regular water sprinkling on road for control of fugitive dust emission. Ambient air quality monitoring report for the current period is enclosed as ANNEXURE – 1.
viii	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored.	Mine was not in operation during this period. As mine Lease has been transferred to M/s RCCPL PVT LTD. Vide order No 1632 on 20.5.2023 and EC is under transfer to M/s RCCPL PVT LTD. During limestone transportation all vehicle will be cover with tarpaulin for avoid generation of fugitive dust emissions. Vehicle emissions will be regularly monitor for all vehicles from authorized pollution testing centres. PUC copy will be submitting accordingly.
ix	Total water requirement shall not exceed 1224m ³ /day. Rainwater harvesting measures should be adopted for the augmentation of ground water at cement plant, colony and mine site. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water and reduce the water requirement pressure from the river. An action plan shall be submitted to Ministry's Regional Office at Bhopal within three months from date of issue of this letter	Agreed and being Complied,
x	The project proponent shall ensure that no natural water course shall be obstructed due to any mining operations.	Noted for Compliance. Natural water course will not be obstructed due to any mining operations.
xi	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted, particularly after monsoon, and maintained properly.	Catch drains and siltation ponds has been constructed. These drains are de-silted before & after monsoon and maintained.
xii	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years	Garland drain & sedimentation pit constructed for arresting surface runoff of surrounding area of the mine pit. Mine sump is created with depth of 4m.

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	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 should be constructed at the corners of the garland drains and de-silted at regular intervals.	
xiii	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring should be four times a year- pre-monsoon (April /May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Bhopal Central Ground Water Authority and State Ground Water Board.	being Complied. The Ground water Analysis monitoring is being done regularly by established a network of ground water monitoring stations. Report is submitted to MoEF&CC regional office Bhopal, CGWA, SGWD and SPCB on six-monthly basis. Ground water Analysis monitoring reports is enclosed as ANNEXURE – 2 .
xiv	Dimension of the retaining wall at the toe of inter burden dumps and inter burden benches within the mine to check run-off and siltation should be based on the rain fall data.	Retaining wall at the toe of dumps is constructed.
xv	Suitable conservation measures to augment ground water resources in the area should be planned and implemented in consultation with Regional Director, Central Ground Water Board.	Agreed and Being Complied.
xvi	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing.	Cement plant has not been established. Therefore, condition related to Cement Plant is not applicable.
xvii	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	Cement plant has not been established. Therefore, condition related to Cement Plant is not applicable.
xviii	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Cement plant has not been established. Therefore, condition related to Cement Plant is not applicable.
xix	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within three months of issue of environment clearance letter.	Risk and Disaster Management plan included in EIA report. copy of same submitted.
xx	Blasting operation shall be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of	Agreed and Being complied.

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	ground vibrations and to arrest fly rocks and boulders should be implemented.	
xxi	Wet drilling blasting method and provision for the control air emissions during blasting using dust collectors etc. shall be used.	Drills with water injection system & dust collection have been procured and used for mining.
xxii	Bench height, width and slope for individual bench should be properly assessed and implemented. Adequate measures should be adopted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accidents.	>3m bench height in overburden and > 6m bench height in Limestone is being maintained. Noted for Compliance for stabilization of slope before abandonment.
xxiii	Action plan for the mining, management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure shall be submitted to the Ministry and its Regional Office at Bhopal.	Copy of progressive mine closure plan including fund details submitted.
xxiv	The inter burden and other waste generated shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The total height of the dumps should not exceed 30 m in three terraces of 10 m each and the overall slope of the dump should be maintained to 28°. The inter burden 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 and its Regional Office, Bhopal on six monthly basis.	The inter burden & other waste are stacked at designated places as per the condition. As on total 17590 CUM OB generated and stacked on designated place as per approved mining plan.
xxv	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It should be ensured that the overall slope of the dump does not exceed 28°.	Agreed and Noted for Compliance. Mining Plan transferred to M/s RCCPL PVT Ltd. Vide IBM Letter MCDR-MiFLOLST/5/2023-JBP-IBM_RO_JBP on dated 11.07.2023. Copy enclosed as Annexure - 3
xxvi	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of higher benches should be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	Water body will be created at the end of mine life as per approved mining plan and all safety precautions will be taken as per the norms of DGMS.

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xxvii	Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	Top soil is stacked and preserved. This will be used for reclamation and rehabilitation as per approved mining plan.
xxviii	As proposed, green belt shall be developed in at least 33 % in cement plant and all the mined out area except used for reservoir.	As Cement Plant has not been established. Only mine is on operation accordingly plantation being done as per approved mining plan
xxix	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) should be implemented.	Being Complied
xxx	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.	Not applicable As Cement Plant has not been established. Only mine is on operation
xxxi	The company shall comply with the commitments made during public hearing held on 28.10.2010 and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.	Noted for Compliance
xxxii	At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	Agreed Activities initiated for mine area village.
xxxiii	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied, All necessary facilities were given to construction labors at site.
xxxiv	Rehabilitation and Resettlement Plan for the project affected population shall be implemented as per the policy of the State Govt. in consultation with the State Govt. of Madhya Pradesh. Compensation paid in any case shall not be less than the norms prescribed under the National Resettlement and Rehabilitation Policy, 2007.	No Rehabilitation done as on.
B. GENERAL CONDITIONS		
i	The project authority shall adhere to the stipulations made by Madhya Pradesh Pollution Board (MPSPCB) and State Government.	Being Complied

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ii	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Noted for compliance please.
iii	At least four ambient air quality monitoring stations shall be established in the downwind direction as well as where maximum ground level concentration of PM10, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office and SPCB / CPCB once in six months.	Being Complied, Five ambient air quality monitoring locations have been identified as directed and being monitored as per CPCB/SPCB guidelines. Ambient Air Quality Monitoring report enclose as Annexure – 1 .
iv	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended time to time. The treated waste water shall be utilized for plantation purpose.	No industrial waste water is generated. Office toilet waste water disposed through septic tank and soak pits. As Cement plant has not been established. Therefore, condition related to Cement Plant is not applicable
v	The overall noise levels in and around the plant area shall be kept well within the standards 85 dB(A) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dB(A) (daytime) and 70 dB(A) (night time).	Being Complied Noise monitoring being done at different locations, Report enclose as Annexure –4 .
vi	Proper housekeeping and adequate occupational health programmes shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at least 30-40 years. The programme shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	Will be complied Cement plant has not been established. Therefore, condition related to Cement Plant is not applicable
vii	The company shall undertake eco-development measures including community welfare measures in the project area.	Being Complied
viii	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP and public hearing reports.	Being Complied
ix	A separate environmental management cell with full fledged laboratory facilities to carryout various	Complied

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	management and monitoring functions shall be set up under the control of Senior Executive.	A separate 'Environmental Management Cell' with full-fledged laboratory facilities has been developed under the control of a Senior Executive who reports directly to Unit Head.
x	Adequate funds shall be allocated to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose.	Being Complied
xi	The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions. The project authorities shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Being Complied. Report submitting regularly along with compliance report.
xii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the MPPCB.	Six monthly report with monitoring report being submitted regularly.
xiii	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted for compliance.
xiv	Measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in operations of HEMM etc. shall be provided with ear plugs/muffs.	Being complied. Dumpers, Shovels, Drills are provided with AC acoustic cabin for control of noise level. Personal Protective Equipment provided to all workers.
xv	Industrial waste water (workshop and waste water from the mine) shall 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.	No industrial waste water is generated. Only domestic waste water is being generated and suitable treatment has been provided.

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(Environmental Clearance No.- F. No. J-11011/252/2009-IA-II (I) dtd 03rd May 2011)

	Oil and grease trap shall be installed before discharge of workshop effluents.	
xvi	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Being Complied, Pre-employment & periodical health checkup is being carried out. Training facility is set up and dedicated OHS team is imparting training on the identified training need.
xvii	The project authorities shall inform to the Regional Office located regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Noted for compliance.
xviii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal. The clearance letter shall also put up on the website of the Company by the proponent.	Complied.
xix	The project authorities shall advertise at least in two local newspapers 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 Madhya Pradesh Pollution Control Board and also at web site of the Ministry of Environment and Forests at" http://envfor.nic.in and a copy of the same shall be forwarded to the Regional Office of this Ministry.	Complied, The grant of EC has been advertised in local newspapers & copy of the same is forwarded to MoEF&CC RO Bhopal.
xx	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of the MoEF by e-mail.	Being Complied Copy of Environmental Statement report 2023-24 for Mines submitted to SPCB and Regional Office of MoEF&CC Bhopal vide E- mail dated 30 th September 2024.



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224100000741F Test Report No:-CES/LAB/Air/24/221 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 10.09.2024
Instrument used: Eco Tech FDS	Date of Receipt	: 14.09.2024
Page 1 of 1	Period of testing	: 14.09.2024 to 21.09.2024
No. of Sampling Locations -05	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 221/1

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration JamuaniKhurd (221/1) 10.09.2024
1	Date of Sampling		NE
2	Wind direction		15
3	Wind speed km/h		80
4	Relative Humidity %		32
5	Ambient Temp. (°C)		
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	52.33
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	30.10
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	8.25
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	12.05
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

Authorized Signatory



The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

SANTOSH KHANTAL
QUALITY MANGAER

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

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TC-6872

TEST REPORT	
AMBIENT AIR QUALITY REPORT	
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224100000742F Test Report No:-CES/LAB/Air/24/221 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil
Method of test : IS: 5182	Sampling Details
Test required: As per work order	Sample Monitored : Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling : 10.09.2024
Instrument used: Eco Tech FDS	Date of Receipt : 14.09.2024
Page 1 of 1	Period of testing : 14.09.2024 to 21.09.2024
No. of Sampling Locations -05	Duration of sampling : 8 hrs
Atmospheric condition : Clear	Serial No. of samples : 221/2

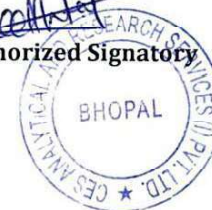
AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration
			Chari (221/2)
1	Date of Sampling		10.09.2024
2	Wind direction		NE
3	Wind speed km/h		15
4	Relative Humidity %		80
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	48.52
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	26.74
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	12.47
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	9.58
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:  NEELAM UPADHYAY
TECHNICAL MANAGER


Authorized Signatory



The Results relate only to the sample tested/ sampled

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-----*End of Report*-----

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TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224100000743F Test Report No:-CES/LAB/Air/24/221 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 10.09.2024
Instrument used: Eco Tech FDS	Date of Receipt	: 14.09.2024
Page 1 of 1	Period of testing	: 14.09.2024 to 21.09.2024
No. of Sampling Locations -05	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 221/3

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration
			Durjanpur (221/3)
1	Date of Sampling		10.09.2024
2	Wind direction		NE
3	Wind speed km/h		15
4	Relative Humidity %		80
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	50.32
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	31.70
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	11.30
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	8.90
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

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CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT	
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224100000744F Test Report No:-CES/LAB/Air/24/221 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil
Method of test : IS: 5182	Sampling Details
Test required: As per work order	Sample Monitored : Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling : 10.09.2024
Instrument used: Eco Tech FDS	Date of Receipt : 14.09.2024
Page 1 of 1	Period of testing : 14.09.2024 to 21.09.2024
No. of Sampling Locations -05	Duration of sampling : 8 hrs
Atmospheric condition : Clear	Serial No. of samples : 221/4

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Padrehi (221/4) 10.09.2024
1	Date of Sampling		NE
2	Wind direction		15
3	Wind speed km/h		80
4	Relative Humidity %		32
5	Ambient Temp. (°C)		
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	57.40
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	29.68
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	7.50
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	11.74
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

Authorized Signatory



SANTOSH KHANTAL
QUALITY MANGAER

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

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CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224100000745F Test Report No:-CES/LAB/Air/24/221 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 10.09.2024
Instrument used: Eco Tech FDS	Date of Receipt	: 14.09.2024
Page 1 of 1	Period of testing	: 14.09.2024 to 21.09.2024
No. of Sampling Locations -05	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 221/5

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration
			Mines Office (221/5)
1	Date of Sampling		10.09.2024
2	Wind direction		NE
3	Wind speed km/h		15
4	Relative Humidity %		80
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	60.31
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	32.80
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	9.48
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	12.33
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

Authorized Signatory



The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

SANTOSH KHANTAL
QUALITY MANGAER

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

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TEST REPORT CODE: VGL/W/24/08/26/N-001

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

Name and Address of Customer : SIMPL Limestone MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHI,
CHARI & BHATURA TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : JAMUANI KHURD VILLAGE

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 11:25 AM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 002

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.43	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.2	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	214	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	421.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	205	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	48.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	14.7	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	26.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.67	mg/L	-	-

Page 1 of 3

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3. Any discrepancy in test result should be reported within 15 days.
4. The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Virat Global India Pvt. Ltd.)

D. K. Yadav
Authorized Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-001

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)


TEST RESULTS

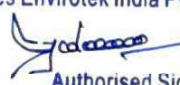
13.	Sulfate	APHA 4500-PD	47.5	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.6	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	13.7	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	53.5	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.26	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.24	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

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3. Any discrepancy in test result should be reported within 15 days.
4. The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)

Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-001

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER)
PART – B (BIOLOGICAL)**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

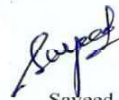
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2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.



Review By
LUCNOW
Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)



Authorised Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/24/08/26/N-002

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

Name and Address of Customer : SIMPL LIMESTONE MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHL,
CHARI & BHATURA TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : JAMUANI KALA VILLAGE

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 11:45 AM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 002

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.52	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	22.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	223	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	415.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	216	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	52.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	16.8	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	27.3	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.58	mg/L	-	-

Page 1 of 3

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- The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of A Series Envirotek India Pvt. Ltd.)

D. K. Yadav
Authorized Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-002

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

TEST RESULTS

13.	Sulfate	APHA 4500-PD	47.2	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.3	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	16.7	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	62.4	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.28	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.21	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

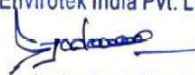
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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


D. K. Yadav
Authorised Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-003

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER)
PART – A (CHEMICAL)

Name and Address of Customer : SIMPL LIMESTONE MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHI,
CHARI & BHATURA, TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : **DURAJANPUR VILLAGE**

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 12:05 PM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 003

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.48	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.5	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+ B	190	mg/L	200	600
7.	Total Dissolved Solids	APHA2540-C	410.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	183	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	45.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	18.0	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	25.6	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.51	mg/L	-	-

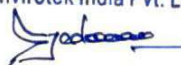
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3. Any discrepancy in test result should be reported within 15Days.
4. The above Results are related to the tested sample only.



Review By:
Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of A Series Envirotek India Pvt. Ltd.)

D. K. Yadav
Authorized Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-003

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

TEST RESULTS

13.	Sulfate	APHA 4500-PD	53.4	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	10.5	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ - B	13.8	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	53.8	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.37	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.26	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

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- The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-003

TEST REPORT ISSUE DATE: 31.08.2024

**TEST REPORT (WATER)
PART – B (BIOLOGICAL)****TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3


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4. The above Results are related to the tested sample only.

Review By:

LUCKNOW
Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Asnes Envirotek India Pvt. Ltd.)


Authorised Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/24/08/26/N-004

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER)
PART – A (CHEMICAL)

Name and Address of Customer : SIMPL LIMESTONE MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHI,
CHARI & BHATURA TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : **PADREHI VILLAGE**

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 12:25 PM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 002

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.58	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	23.4	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	232	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	432.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	223	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	57.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	21.0	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	28.2	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.73	mg/L	-	-

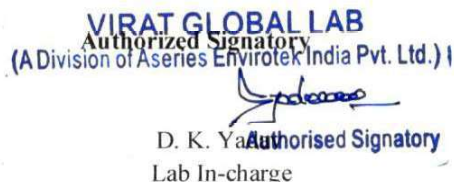
Page 1 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of A Series Envirotek India Pvt. Ltd.)

D. K. Yadav
Authorized Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-004

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

TEST RESULTS

13.	Sulfate	APHA 4500-PD	45.6	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	12.4	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	17.5	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	64.3	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe-B	0.29	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.23	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05


Page 2 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Virat Global Lab Pvt. Ltd.)

Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-004

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

TEST RESULTS

13.	Sulfate	APHA 4500-PD	45.6	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	12.4	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ - B	17.5	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	64.3	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.29	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.23	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05


Page 2 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Virat Global Lab Pvt. Ltd.)

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-004

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER)
PART – B (BIOLOGICAL)

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		


Page 3 of 3

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3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:
LUCKNOW
Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)
Authorized Signatory

 **Authorised Signatory**
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/24/08/26/N-005

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

Name and Address of Customer : SIMPL Limestone MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHI,
CHARI & BHATURA TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : **CHARI VILLAGE**

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 12:45 PM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 002

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.61	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	22.5	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+ B	218	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	428	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	210.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	61.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	19.2	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	27.3	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.57	mg/L	-	-


Page 1 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of A Series Envirotek India Pvt. Ltd.)

D. K. Yadav
Authorized Signatory
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-005

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

TEST RESULTS

13.	Sulfate	APHA 4500-PD	63.1	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	9.8	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO3- B	15.2	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	51.8	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.36	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.17	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

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Review By:

LUCKNOW
Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of A Series Envirotek India Pvt. Ltd.)


Authorised Signatory

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-005

TEST REPORT ISSUE DATE: 31.08.2024


**TEST REPORT (WATER)
PART – B (BIOLOGICAL)****TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

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Dr. Ashok Kumar
Technical Manager**VIRAT GLOBAL LAB**
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/24/08/26/N-006

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

Name and Address of Customer : SIMPL LIMESTONE MINE
(Unit of RCCPL PVT LTD)
VILLAGES – JAMUANI KHURD, JAMUANI KALA, DURAJANPUR, PADREHI,
CHARI & BHATURA TEHSIL- VIJAYRAGHAVGARH, DISTRICT- KATNI, MP- 483775

Location of Sample : BHATURA VILLAGE

Sample Description : GROUND WATER

Date & Time of Sampling : 23.08.2024 01:05 PM

Sample Collected by : MR. ASHISH KUMAR & MR. RAHUL YADAV

Environmental Condition (Temp. & RH) : 23.5 °C & 53 %

Sample Packing : SEALED

Sample Id No. : 002

Laboratory Sample Receiving Date : 27.08.2024

Duration of Sample Analysis : 27.08.2024 TO 31.08.2024

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.38	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.5	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	238	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	397.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	220.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	54.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	15.3	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	29.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.72	mg/L	-	-

Page 1 of 3

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VIRAT GLOBAL LAB
(A Division of Series Envirotek India Pvt. Ltd.)

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-006

TEST REPORT ISSUE DATE: 31.08.2024

TEST REPORT (WATER) PART – A (CHEMICAL)

13.	Sulfate	APHA 4500-PD	57.0	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.8	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	18.4	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	60.2	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.42	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.22	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

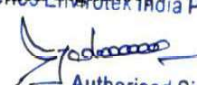
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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Virat Global Lab Pvt. Ltd.)

Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/24/08/26/N-006

TEST REPORT ISSUE DATE: 31.08.2024


**TEST REPORT (WATER)
PART – B (BIOLOGICAL)****TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		


Page 3 of 3

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Review By:
LUCKNOW

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)
Authorized Signatory

 **Authorised Signatory**
Sayed Ahmad
Quality Manager

I/12820/2023



भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय खान नियंत्रक कार्यालय



क्रमांक :

Jabalpur, Dated: 11.07.2023

To,
M/s RCCPL Private Limited,
Industry House, 2nd Floor,
159, Churchgate Reclamation,
Mumbai (Maharashtra) – 400 020

Subject: ~ Change of name of Company from **M/s Sanghi Infrastructure M.P. Ltd.** in respect of approved Review of Mining Plan of **Padrehi, Jamuwani khurd, Chari & Durjanpur Limestone Mine** over an area of **889.76 Hectares** in Village - Padrehi, Jamuwani khurd, Chari & Durjanpur, district – Katni of Madhya Pradesh to **M/s RCCPL Pvt. Ltd.** ... reg.

Ref.: ~ 1. Your letter no. RCCPL/Jamuwani Khurd/2023-24/01, dtd- 24.05.2023.
2. Your letter of even no. dated- 02.06.2023
3. Your email dtd 04.07.2023 attached therewith acknowledgement copy of Performance Security furnished to the State Government along with MDPA & other documents.

Dear Sir,

With the above cited subject & letters under reference, It was requested for change of name of the company from **M/s Sanghi Infrastructure M.P. Limited** in respect of approved Review of Mining Plan of Padrehi, Jamuwani khurd, Chari & Durjanpur Limestone Mine over an area of 889.76 Ha in Village - Padrehi, Jamuwani khurd, Chari & Durjanpur, district – Katni of Madhya Pradesh to **M/s RCCPL Pvt. Limited**.

In this connection, the State Government has accorded permission to transfer the mining lease from **M/s Sanghi Infrastructure M.P. Limited** to **M/s RCCPL Pvt. Limited** vide its order letter no. ~ 1632/1267848/2023/12/1 dated 02.05.2023. Further, It is also stated by M/s RCCPL Pvt. Limited vide above referred letters dated – 24.05.2023 & 02.06.2023 that they will comply with all the terms and conditions specified in the approval letter of Review of Mining Plan issued vide letter no.-**MP/Katni/Limestone/RMP-33/2022-23 dtd – 18.08.2022.**

The case is examined in light of rule 3(a) of 4 and other relevant rules of Minerals (Transfer of ML Granted otherwise than through Auction for Captive Purpose), Rules 2016. As per rule 3(a) of 4, the conditions stipulated in the rule have been complied by M/s RCCPL Pvt. Limited and as per rule 5, necessary payments have been made & the Mine Development and Production Agreement has also been signed by M/s RCCPL Pvt. Limited.

M/s RCCPL Pvt. Limited has also submitted the Performance Guarantee for above mine in form of B.G. no. - 230138IBGP00046 dated 06.05.2023, for amount- **Rs. 34,26,28,934/-** (Thirty four Crore Twenty six Lakh Twenty eight Thousand Nine hundred Thirty four only), valid upto 31.03.2026 to the State Govt. The acknowledgement has been submitted for reference.

In view of the above, the approval accorded for Review of Mining Plan in respect of **Padrehi, Jamuwani khurd, Chari & Durjanpur Limestone Mine** over an area of **889.76 Ha.** in Village - Padrehi, Jamuwani khurd, Chari & Durjanpur, district – Katni of Madhya Pradesh State of **M/s Sanghi Infrastructure M.P. Limited** stands transferred in favor of **M/s RCCPL Pvt. Ltd.** due to transfer of lease and satisfying all the conditions stipulated in transfer order. All other conditions contained in the approval of Review of Mining Plan vide letter no. -**MP/Katni/Limestone/RMP-33/2022-23, dated – 18.08.2022** shall remain unchanged and binding on M/s RCCPL Pvt. Limited. Further, **M/s RCCPL Pvt. Ltd** shall abide by all other terms & conditions of mining lease transfer, as deemed fit.

Yours faithfully,

(Pukhraj Nenival)
Regional Controller of Mines

Copy for information to: ~

1. The Director of Mine Safety, Directorate General of Mine Safety, Plot no. 1936 to 1949, JDA Scheme no. 5, Behind Joy Higher Secondary School, Vijay Nagar, Jabalpur (MP) 482002.
2. The Director of Geology & Mining, Govt. of Madhya Pradesh, Khanij Bhawan, 29 A, Arera Hills, Jail Road, Bhopal (MP).
3. The District Collector, Katni (MP).

(Pukhraj Nenival)
Regional Controller of Mines

N.O.O.

01. The Chief Controller of Mines, IBM, Nagpur.
02. The Controller of Mines (CZ) IBM, Nagpur.
03. The Controller of Mines (MTS) IBM, Nagpur

(Pukhraj Nenival)
Regional Controller of Mines



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - SIMPL Mines	ULR No: TC687224200000276F Test Report No:-CES/LAB/Noise/24/208 Dispatch No: 204 Issue Date : 21.09.2024 Client Ref: Nil Date : Nil
Sample Particulars: Ambient Noise Level Monitoring	Date of monitoring : 12.09.2024
Test required: As given below	Date of Receipt : 14.09.2024
Protocol for testing : IS-9989-2001	Date of commencement of testing : 14.09.2024
Sample collected by: CES representative	Sample condition at receipt : Ok
No of location: 04	Sample tested as received : 14.09.2024

TEST RESULTS

Day Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Working Pit	12:30 PM	dB(A)	51.30	60.00
2	JamuaniKhurd Village	12:40 PM	dB(A)	52.30	61.40
3	Chari Village	12:50 PM	dB(A)	55.40	64.70
4	Durjanpur Village	01:00PM	dB(A)	48.00	55.40
5	Padrehi Village	01:10 PM	dB(A)	46.30	56.20

Night Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Working Pit	10:20 PM	dB(A)	41.30	51.20
2	JamuaniKhurd Village	10:30 PM	dB(A)	43.20	50.20
3	Chari Village	10:40 PM	dB(A)	42.10	50.42
4	Durjanpur Village	11:00 PM	dB(A)	44.60	51.40
5	Padrehi Village	11:10 PM	dB(A)	42.20	52.30

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By: 
NEELAM UPADHYAY
TECHNICAL MANAGER


Authorized Signatory


The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

SANTOSH KHANTAL
QUALITY MANGAER

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

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