JAYASWAL NECO INDUSTRIES LTD CIN : L28920MH1972PLC016154 (STEEL PLANT DIVISION) SILTARA GROWTH CENTRE, BILASPUR ROAD, SILTARA, RAIPUR - 493111 (C.G.) - INDIA PH. : +91-7721-264241, 264263 Fax : +91+7721-264279, 264240 Email : spd@necoindia.com



JNIL/ENV/Manpur/2024/ 81 Date : 31/05/2024

The Integrated Regional Officer, MoEF & CC, Govt. of India, Aranya Bhawan, North Block, Sector-19, Nava Raipur, Atal Nagar, Chhattisgarh.

Sub: Regarding compliance for the period 1st Oct, 2023 to 31st Mar, 2024 to the conditions of Environment Clearance for Manpur Open cast limestone Mine with production capacity 78,000 TPA, (Lease area-12.145 ha.) located near village - Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham (Chhattisgarh).

Ref: (i) EC letter No. 905/SEIAA–CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014.

(ii) Amendment E.C. vide order No.91/SEIAA, C.G./EC/Line Stone / Kabirdham/41 Raipur Dated.26/04/2017.

Sir,

This has with reference to the above referred letter for the subject matter. Please find enclosed herewith the Six Monthly Environmental Clearance Compliance Status Report of Manpur Lime Stone Mine-12.145 Ha, Village-Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham(Chhattisgarh) for the period of 1st Oct, 2023 to 31st Mar, 2024. We had also tried to submit online Six-Monthly EC compliance report on Parivesh 2.0 but it could not be submitted online due to some unknown problem on Parivesh Portal.

This is for your kind information please.

Thanking you,

Yours faithfully, For Jayaswal Neco Industries Ltd.

Susanta Kumar Moitra Associate Director

Encl: As above.

CC to :

1. The Member Secretary, Chapter Secretary,	2. The M.S. – SEAC, Chhattisgah,
Chnausgarn Environmental Conservation Board,	Paryavas Bhavan,
Paryavas Bhavan, North Block Sector-19,	North Block Sector-19,
Atal Nagar, Raipur (C.G.) 490 099.	Naya Raipur (C.G.) 490 099.
3. The Zonal Officer,	4. The Regional Officer,
Central Pollution Control Board,	Chhattisgarh Environmental Conservation
Sahkar Bhawan, 3 rd Floor,	Board,
North T.T. Nagar, Bhopal (M.P.).	5/32 Bunglow, Bhilai, District-Durg (C.G.)

 REGD. OFFICE : F-8, MIDC INDUSTRIAL AREA, HINGNA ROAD, NAGPUR - 440 016 (M.S.) (INDIA)

 PHONES : +91-7104-237276, 237471, 237472, 236251 FAX : +91-7104-237583, 236255

 E-mail : contact@necoindia.com

 Website : www.necoindia.com

Compliance Status of Environment Clearance

(Period from 1st Oct, 2023 to 31st Mar, 2024)

Capacity & Location:- Manpur Opencast Lime stone Mine with production capacity 78,000 TPA, (Lease area-12.145 ha.) issued vide letter 905/SEIAA–CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014.located near village - Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham(Chhattisgarh).

EC Letter No:- 905/SEIAA-CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014.

Sr. No.	Particulars	Compliance
Α.	Specific Conditions	
i.	No two pits shall be simultaneously worked i.e. before the first pit is exhausted and reclamation work completed no mineral bearing area shall be worked. Maximum depth of the mine shall not be more than 10 meters. Underground water table shall not be encountered due to any mining operations under any circumstances.	At present only one pit is being worked. Presently only 6 Meters depth of Mining. Agreed to follow the conditions.
	After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process shall follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any ore bearing area is worked.	At present First pit is being worked and working in second pit has not started.
iii.	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Agreed.
iv.	Fugitive dust suppression shall be controlled. Fugitive dust emission shall be relatively monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and periodic reports shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	Regular monitoring is carried out and report submitted to all govt. office along with monthly/half yearly report.
V.	Project authority shall ensure outlet dust (particulate matter) emission less than 50 mg/NM3. Project authority shall confirm to the standards prescribed in schedule-1 of Environment (Protection) Rules, 1986 (as amended) by Ministry of Environment & Forests, Government of India. The Chhattisgarh Environment Conservation Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards.	This condition is not applicable for mining.

vi.	Shelter belt i.e. wind break of 30m width and consisting of at least 65 tiers around lease facing the school / habitation / agriculture fields (if any in the vicinity) shall be raised.	Compliance assured.
vii.	A 50m barrier of no mining zone all along the side(s) facing the nallah (if any) passing through the lease area of passing adjacent to the lease shall be demarcated and thick vegetation of native species raised in the said barrier. Status of implementation shall be submitted to Chhattisgarh Environment Conservation Board, Raipur Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Government of India, Bhopal half yearly basis.	Compliance done as per the conditions stipulated in the NOC granted by the irrigation department.
viii.	It shall be ensured that no silt originating due to mining activity is transported to the any surface water course running in and around the lease area.	Silt generated due to mining activity is negligible.
ix.	Need based assessment of the nearby villages shall be conducted to study economic measures which can help in up-liftment of poor section of society. Income generating projects/ tools such as development of fodder farm, fruit bearing orchids, vocational training etc. can form a part of such programme, Project authority shall provide separate budget for community development activities and income generating programmes. This shall be addition to vocational training for individuals imparted to take up self- employment and jobs.	Noted.
X .	Project authority shall adopt additional two villages for community development works in order to improve the amenities as a part of commitment towards social and economic up-liftment of the area. As per demand of public, the proposal for providing cement on the concession rates to the local people will be implemented shortly.	CSR activity as per villager's requirement of Manpur village is being done.
xi .	Land use pattern of the near-by villages shall be studied and action plan for abatement and compensation for damage to agricultural land / common property land(if any) in the near by villages due to mining activity shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal within six months, Annual status of implementation of the plan and expenditure thereon shall be reported to the Chhattisgarh Environment Conservation Board, Raipur. Regional Office Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Govt. of India, Bhopal from time to time.	No Agricultural Land is involved. In Mining activity. Precaution is being taken to save the public property so that damage could not be done.
xii.	Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the project authority regularly at its own expenses. The roads shall be black topped.	Maintenance of village road is being done as and when required.
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xiii.	Project authority shall adopt rainwater-harvesting technique in the project area for recharge of ground water. The rainwater-harvesting technique shall be incorporated right from the design stage of all structures. Project authority shall develop rainwater harvesting structures to harvest the rainwater for utilization in the lean season as well as to recharge the ground water table. A detailed scheme for rainwater harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board. A copy of the same shall be submitted within three months to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. Prior permission from the competent authority shall be obtained for extraction of ground water and project authority shall submit permission from Central Ground Water Board for withdrawal of ground water.	Due to hard rock it is difficult to adopt Rainwater Harvesting Pond however old pit in Mines area has been developed to store the water and to use in Borewell to restore Ground Water Level. Permission for withdrawal of Ground Water has been obtained from the Competent Authority.
xiv.	Measures of prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile mating or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.	No topsoil encountered in the mine area.
	Garland drain of appropriate 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 peek 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 the corners of the garland drains and de listed at regular intervals Trenches / garlands drains shall be constructed at foot of dumps installed at regular intervals to arrest silt from being carried out top water bodies. Adequate number of check dams and gully plugs shall be constructed across seasonal / perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.	Since no waste is generated till date therefore no waste dump has been created. For mine pit due to hard rock it is difficult to construct Garland drain however bund has been created surrounding mine pit to arrest the water during rainy season.
xvi.	Ground water in the core zone shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur. Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India., Bhopal regularly. Further monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be up and records maintained.	Recent Ground Water Analysis report Nov-2023 & Jan-2024 is attached as Annexure-1.

xvii.	Cultivable waste land (within 5 km of the lease) shall be identified and fodder farming or other suitable productive use of waste land shall be taken up in phased manner. Status of implementation shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	No waste is generated from Mine.
xviii.	Adequate protection against dust and other environmental pollution arising due to mining activity shall be made so that human habitation located near the lease (as applicable) are not adversely affected. The status of implementation shall be reported to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests Government of India. Bhopal and work shall be completed before start of mining.	Water Sprinkling is done on regular interval as per requirement.
xix.	Monitoring of soil samples for assessment of contamination due to mining activity (as applicable) shall be regularly conducted and records maintained.	Analysis report attached.
XX.	Transportation of lime stone shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of lime stone / dust takes place.	The vehicle used for transportation of mineral, covered vehicle with tarpaulin to prevent spillage or dust generation.
xxi.	Occupational health and safety measures of the workers including identification of work related health hazards, training on materials eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The Project authority shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to repairable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at intervals of five years or less) shall be conducted followed by follow up action where ever required.	The Medical Checkup of the employees and labours are being done as per DGMS norms.
xxii.	Top soil / soil waste shall be stacked properly with proper slope and adequate safeguards and shall utilized for backfilling (where ever applicable) for reclamation and rehabilitation of mined out areas. Top soil shall be separately stacked for utilizing later for reclamation and shall not be stacked along with overburden.	There is no any generation of top soil in lease area till date.
xxiii.	Overburden (OB) 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 06 meter and overall slope of the dump shall not exceed 28deg. The OB dump shall be backfilled. The OB	There is no generation of overburden till date. However, in future if required the generated waste shall be kept
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dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.	separately in waste dump according to prescribed rule.
A study shall be commissioned to study the various slope stability parameters to reach at the optimum slope angle. Appropriate factor of safety shall be adopted based on the study and sensitivity analysis of critical parameters of slope stability.	Noted. All safety precautions adopted during the mining operations.
Study report on subsidence and stage wise development plan starting from 5 th year of operation till the end of the mine at an interval of 5 years should be submitted. Regular monitoring of subsidence movement on the surface over working area and impact on water bodies / vegetation / structures /surrounding should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey soil / suitable material.	Noted. All safety precautions adopted during the mining operations.
Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal on six monthly basis.	Noted. All safety precautions adopted during the mining operations.
Adequate plantation shall be raised in the mining lease area, haul roads, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural Departments. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. A wide green belt of broad besides tree plantation. A wide green belt of broad leaf local species shall be developed in at least 33% of the project area. The density of the trees shall not be less than 2500 plants per Ha. The Project authority shall involve local people with the help of self help group for plantation programme. Details of year wise afforestation programme including rehabilitation of mines out area shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Government of India, Bhopal every year.	We had planted 125 Nos. saplings Mining Lease area in monsoon season, 195 saplings distributed nearby Villages & 40 Nos. saplings done at outside the lease area – during the year – 2023. Types of Plants Gulmohar, Bans, Nimu, Munga, Bel, Sitafal, Khamhar & Karanj.
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), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to the Chhattisgarh Environment Conservation Board, Raipur,	Ground Water Level Monitoring report attached as Annexure- 2.
	dumps shall be scientifically vegetated with suitable failing species to prevent erosion and surface run off. A study shall be commissioned to study the various slope stability parameters to reach at the optimum slope angle. Appropriate factor of safety shall be adopted based on the study and sensitivity analysis of critical parameters of slope stability. Study report on subsidence and stage wise development plan starting from 5 th year of operation till the end of the mine at an interval of 5 years should be submitted. Regular monitoring of subsidence movement on the surface over working area and impact on water bodies / vegetation / structures /surrounding should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey soil / suitable material. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal on six monthly basis. Adequate plantation shall be raised in the mining lease area, haul roads, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural Departments. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. A wide green belt of broad leaf local species shall be developed in at least 33% of the project area. The density of the trees shall not be less than 2500 plants per Ha. The Project authority shall involve local people with the help of self help group for plantation programme. Details of year wise afforestation programme including rehabilitation of mines out area shall be submitted to the Chhatt

ii.	No change in calendar plan including excavation, quantum of mineral and waste shall be made.	Mining technology and scope of work is as per Mining Plan.
i.	No change in mining technology and scope of working shall be without prior approval of SEIAA, Chhattisgarh.	Mining technology and scope of work is as per Mining Plan.
В.	General Conditions	
xxxiii.	A final mine closure plan, along with details of corpus fund shall be submitted to the SEIAA, Chhattisgarh and Regional Office, Ministry of Environment Forests, Government of India, Bhopal in 5 years in advance of the final mine closure for approval.	Noted
xxxii.	Detailed action plan with respect to suggestions / improvements and recommendations made during public consultation / hearing shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh, Government of Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal within six months. Implementation status shall be submitted every six month regularly.	Complied.
xxxi.	Vehicular emissions shall be kept under control and regularly monitored Vehicles used for transportation of ores and ores and others shall have valid permissions as prescribed under Central Motor Vehicles Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of lime stone for transportation shall be committed.	Complied, regular monitoring of vehicle is being done Transportation is being done only in day time with tarpaulir cover.
XXX.	The waste water from the mine shall be treated to conform to the prescribe standards before reuse in different purpose. The discharged water from the settling pond shall be regularly monitored and report submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh, and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal Central Pollution Control Board.	No waste water generated from the mining activity.
xxix.	Adequate air monitoring stations shall be installed in the areas of human habitations near the mine and the results of ambient air quality shall be maintained and regularly submitted to Chhattisgarh Environment Conservation Board, Raipur Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Environment & Forests, Government of India, Bhopal.	Regular monitoring is being done and monitoring results are submitted to all concern agencies along with Monthly Half yearly reports.
xxix.	Environment & Forest, Government of India, Bhopal, Central Ground Water Authority and Regional Director, Central Ground Water Board. Adequate air monitoring stations shall be installed in the areas of	Regular monitoring is bein

iii.	Fugitive dust emissions from all the sources shall be controlled regularly Water spaying arrangement on haul roads, loading and at regular points shall be provided and properly maintained.	Complied, regular water spray is done to control fugitive dust emission.
iv.	Four ambient air-quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM2.5, PM10, SO2, NOX monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecology sensitive targets and frequency of monitoring should be undertaken in consultation with the Chhattisgarh Environment Conservation Board.	Since it is an operating mine air monitoring stations are established and data of air quality is monitored on regular intervals and submitted regularly.
4		Air quality monitoring report for the period 1 st Oct, 2023 to 31 st Mar, 2024 is enclosed for your reference - Annexure-A .
V.	Date of ambient air quality (PM2.5, PM10, SiO2, NOX) should be regularly submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Environment Conservation Board, Bhilai- Durg, SEIAA, Chhattisgarh, Government of Chhattisgarh and Regional Office, Ministry Environment & Forests, Government of India, Bhopal and Central Pollution Control Board once in six months.	Complied, last half yearly report for the period of 1 st April-2023 to 30 th Sept-2023 is submitted to all concern govt. offices vide our letter No.JNIL/ ENV/ Manpur/ 2023/161 dated 27/11/2023.
vi.	Project authority shall take proper action to control the noise pollution. Workers engaged in operations of HEMM etc. shall be provided with ear plugs, muffs. The noise level shall not exceed the limits 75 dB (A) during the day time and 70 dB (A) during the night time within the mine premises Project authority shall take adequate measures for control of noise level below 85 dB (A) in the work environment. Workers engaged in noisy areas shall be periodically examined to maintain audio metric record and for treatment for any hearing loss including rotating them to non-noisy / less noisy areas.	Noise monitoring being carried. Noise monitoring report for the period 1 st Oct, 2023 to 31 st Mar, 2024 is enclosed for your reference - Annexure-B.
vii.	Project authority shall provide adequate facility for proper treatment of industrial effluent mine water and domestic effluent. Project authority shall provide effluent treatment plant. Treated / un-treated effluent collection pond shall be lined suitably to prevent seepage in to ground for avoiding ground water contamination. All the effluent treatment system shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay otherwise similar alternate arrangement shall be made. Project authority shall ensure the treated effluent quality within standard prescribed by Ministry of Environment & Forests, Government of India.	No waste water generated from mines operation.
· viii.	Any liquid effluent what so ever generated from industrial and mining activities shall not be discharged in the river or any surface water bodies under any circumstances, and it shall be reused wholly in the process / plantation. All the industrial effluent generated shall be re-circulated / reused after proper treatment. Project authority shall provide sewage treatment plant of adequate	No waste water generated from mines operation.
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capacity for treatment of domestic effluent generated. The untreated domestic effluent shall not be discharge into the river or any surface water bodies. The treated domestic effluent shall be used for plantation purpose after proper disinfection. Project authority shall make proper arrangements of suitable drains / pipe networks to ensure adequate flow for utilization of treated effluent inside the premises. The concept of zero discharge shall be maintained all the time except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.

ix.	Project authority shall provide adequate measuring arrangements for the measurement of water utilized in different categories and effluent generated before commissioning of the mining activity.	Flow Meter as monitoring arrangement is provided for water consumption.
X .	Personal working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	Necessary PPE's provided to the personals working in dusty areas.
xi.	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the factories Act and records shall be maintained properly for at-least 30-40 years.	Occupational Health Surveillance of the workers is done on a regular interval and records maintained.
xii.	The project authority shall also comply with all the environmental protection measures and safe guards recommended in the EIA/EMP report.	All the Environmental Protection measures and safeguards recommended in the EIA/EMP report is being complied.
xiii.	Provisions shall be made for the housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medicinal health care, crèche etc. The housing may be in the form of temporary structures to the removed after the completion of the project.	The Mining area is just 12.145 Hectares, where in the entire area is exposed to rocks. No permanent or temporary structure could be created in the mining lease area.
xiv.	Project authority shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who shall directly report to the head of organization. A full-fledged laboratory with qualified technical/scientific staffs to monitor the influent, ground water, surface water, soil and ambient air quality etc. shall be provided.	Centralized environment cell with full-fledged laboratory is established at Steel Plant Division Raipur for monitoring and analysis of all the parameters.
XV.	Adequate funds shall be allocated for undertaking CSR activities (community welfare, environmental development activities apart from committed plantation) and in any case it shall not be less than 5% of the royalty along with 10% annual increase in subsequent years. Details of activities shall also be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office Chhattisgarh Environment Conservation Board, Bhilai-Durg SEIAA, Chhattisgarh and Regional Environment & Forest Government of India, Bhopal. The funds earmarked for the environment protection measures shall not be diverted for other	In CSR expenses for the period from 1 st Oct, 2023 to 31 st March, 2024 Rs.1,92,106.00 (Rupees One Lakh Ninety Two Thousand One Hundred Six Only) for head of expenditures in Promotion Development of Traditional Art, Culture & Community Welfare &

а на симата и симата - симата - с	purpose and year-wise expenditure should be reported to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. Piped drinking water, school, development of pastureland for cattle feed and medical facilities as desired by Gram Panchayat(s) to be provided. Local labourers shall be given employment in the mines.	Environment Expenditure Rs.30,600.00.00 (Rupees Thirty Thousand Six Hundred Only).
, xvi .	The issuance of this environment clearance does not convey any property rights in either real or personal property, or any exclusive privileges, nor does not authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local laws or regulations.	Noted.
xvii.	SEIAA, Chhattisgarh reserves the right to amend / cancel any of the conditions and add new conditions and make further stringent the emission / effluent limit as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.	Noted.
xviii.	Project authority shall ensure the generation of employment in the local areas, recruitment shall be done by inviting applications first from the local residents of the Chhattisgarh State. In case of non-availability of suitable candidates for certain post in the first attempt the project authority may call the applications as second call not only from local residents of he Chhattisgarh State but also from other State.	Local people has been engaged in mine.
xix.	The project authority shall advertise in at-least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance and copies of clearance and copies of clearance letter are available with the Chhattisgarh Environment Conservation Board and may also seen at Website of the Ministry of Environment and Forests at <u>www.envfor.nic.in</u> and website of SEIAA, Chhattisgarh at <u>www.seiaacg.org</u> .	Advertised in two news papers name Dainik Bhaskar and Navbharat dated 06.08.2014.
	Half yearly report on the status of implementation of the stipulated conditions, monitoring data along with statistical interpretation and Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	Complied, last half yearly report for the period of 1 st April, 2023 to 30 th Sept, 2024 is submitted to all concern govt. offices vide our letter No. JNIL/ ENV/ Manpur/ 2023/161 dated 27/11/2023.
xxi.	Regional office of the Ministry of Environment and Forests at Bhopal shall monitor the implementation of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report and Environment Management plan along with the additional information submitted from time to time	As directed desired document has already been sent.
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	shall be forwarded to the Regional Office for their use during monitoring.	
xxii.	The Project Authority shall inform the Regional Office as well as the SEIAA, Chhattisgarh regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of commissioning of plant.	Shall be informed accordingly.
xxiii.	Full cooperation shall be extended to the Scientists / Officers from the SEIAA, Chhattisgarh, Ministry of Environment & Forests, Government of India / Regional Office, Ministry of Environment & Forests, Government of India, Bhopal / the CPCB / Chhattisgarh Environment Conservation Board, who shall be monitoring the compliance of environment status.	Agreed to comply.
xxiv.	In case of any deviation or alteration in the proposed project from those submitted to this SEIAA, Chhattisgarh for clearance, a fresh reference should be made to the SEIAA, Chhattisgarh to assess the adequacy of the condition(s) imposed and to add additional environment protection measures required, if any. No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment & Forests, Government of India,/ SEIAA, Chhattisgarh.	Shall be informed accordingly.
XXV.	The Project Authority must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	Already been adhered the stipulated conditions imposed by CECB.
xxvi.	The above stipulations shall be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) act, 1986 and rules there under, Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 2008 and its amendments the Public Liability Insurance Act, 1991 and its amendments.	Already been adhered the stipulated conditions.
xxvii.	A copy of Clearance letter shall be marked to concerned Panchayat /Local / NGO if any, from whom suggestion / representation has been received while processing the proposal.	Already been displayed in Panchayats to this condition.
XXVIII.	Chhattisgarh Environment Conservation Board shall display a copy of the Clearance letter at the Regional Office, District Trade and Industries Center and Collector's Office / Tehsildar's Office for 30 days.	Complied. It is informed that the EC letter has been displayed in companies to this condition.
xxix.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

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Amendment Environment Clearance Compliance report vide order No.91/SEIAA, C.G./EC/Lime Stone / Kabirdham/41 Raipur Dated.26/04/2017.

S.N	Condition	Compliance
о.	· · · · · · · · · · · · · · · · · · ·	
1	The capacity of Crushing & Screening Unit shall not be more than 50 TPH.	The Capacity of Crushing & Screening Unit is 50 TPH.
2	For Air Pollution Control in Crushing & Screening Unit, Industry shall install bag filter with suction Hoods. For Control of Fugitive dust emission in Crushing & Screening unit, at transfer points / Junction points fogging system shall be provided and it shall be covered with green net. For dust emission points water sprinkling arrangement shall be provided.	Crusher and Screen unit fully covered and have in built water sprinkling / fogging system for control of dust emission. All transfer points and conveyor belt covered to prevent dust emission.
3	Wind breaking wall shall be constructed in the Crushing & Screening Unit area.	Green Net has been provided in the Crushing and Screening Unit.
4	Tree Plantation shall be carried out in the first year itself. In case tree plantation is not carried out, the Environment Clearance issued may be cancelled.	We had planted 125 Nos. saplings Mining Lease area in monsoon season, 195 saplings distributed nearby Villages & 40 Nos. saplings done at outside the lease area – during the year – 2023. Types of Plants Gulmohar, Bans, Nimu, Munga, Bel, Sitafal, Khamhar & Karanj.

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Format No. : UES/FORM/09

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HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name 3 Address Of The Cust	ame 2 Address Of The Customer	REPORT NO.		UES/TR/23-24/06387		
10,		LAB REF NO.		UES/23-24/W/01	2181	
M/s Manpur Lime Stone Mine – (12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF SAMPLING		10/11/2023	99999/11/14/14/86/2 (for 1.) - yyddianyddian (for 1000/00/27), a'n 11/16/86/86/86/86/86/87), ywr yn 11/16/16/8	
		DATE OF RECEIPT	DATE OF RECEIPT 11/11/202 DATE OF REPORT 16/11/202		11/11/2023 15/11/2023	
		DATE OF REPORT				
			******	START: 11/11/2023	START: 16/11/2023	
		SAMPLE DETAILS				
Customer Sample Id / Sampling Location	Manpur Mine Lease Area	Customer Ref. No. & Date	42	0002682, DATED - 06	/05/2023	
Sample Type	Ground Water	Sample Condition At Receipt	Ok	Ok		
Packing of Sample	Plastic Bottle	Sample Collected By	Lal	boratory Chemist	1999	
Other Details Sealed		Quantity Received	Ap	Approx 5 Ltr.		

REPORT NO.: 06387

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SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable	10500:2012 Permissible	RESULT
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.34
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)	-	-	2.4
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	314.0
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	24.9
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.46
7	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025:(Part-23)	200	600	134.0
8	Total Hardness (as CaCO3)	mg/L	IS 3025:(Part-21)	200	600	162.0
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	36.07
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	17.50
11	Sulphate (as SO4)	mg/L	IS 3025:(Part-24)	200	400	27.64
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	••••		12.86
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.13
14	Nitrate (as NO ₃)	mg/l	IS 3025(part-34)	45	No Relaxation	7.86
15	Silica	mg/L	APHA 22 nd Edition	-		0.12
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	0.08
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.

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HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

REPORT NO.: 06387

	TEST REPORT								
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable	10500:2012 Permissible	RESULT			
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	limit 03	ND			
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No · Relaxation	N.D.			
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.			
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.			
24	Phosphate (as PO4)	mg/L	APHA 22 nd Edition			N.D.			
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.			
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.			
27	Phenolic Compound (as C6H5OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.			
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No	N.D.			
29	Total Coliform	MPN/1 00ml	IS: 1622:1981:RA:2019			Absent			
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019			Absent			
	Note: mg/lit.: milligram per lit	er, N.D.: Not	Detected.						

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

> The use of the report for publication, arbitration or as legal dispute is forbidden.

> Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.

> This is for information as the party has asked for above test(s) only.

For ULTIMATE ENVIROLYTICAL SOLUTIONS -th **REVIEWED BY** AUTHORIZED SIGNATORY

Format No. : UES/FORM



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name & Address Of The Customer REPORT NO. UES/TR/23-24/06388 To, LAB REF NO. UES/23-24/W/012182 M/s Manpur Lime Stone Mine -DATE OF SAMPLING 10/11/2023 (12.145 Ha), Tehsil – Sahaspur DATE OF RECEIPT 11/11/2023 Lohara, Dist. – Kabirdham (C.G.) DATE OF REPORT 16/11/2023 DATE OF ANALYSIS START: 11/11/2023 START: 16/11/2023 SAMPLE DETAILS 1 (***** 1) Customer Sample Id Customer Ref. No. & Manpur Village Area 420002682, DATED - 06/05/2023 / Sampling Location Date Sample Condition At Sample Type Ground Water Ok Receipt Packing of Sample Plastic Bottle Sample Collected By Laboratory Chemist Other Details Sealed Quantity Received Approx 5 Ltr.

REPORT NO.: 06388

	LEST REPORT									
SR.	DADAMETER			AS PER IS	10500:2012	Photo Received				
NO.	FARAMETER	UNIT	METHOD OF TEST	Acceptable Limit	Permissible	RESULT				
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1				
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.46				
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)			2.1				
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	304.0				
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	27.9				
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.55				
7	Total Alkalinity (as CaCO3)	mg/L	IS 3025:(Part-23)	200	600	140.0 ·				
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025:(Part-21)	200	600	166.0				
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	44.09				
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	13.61				
11	Sulphate (as SO_4)	mg/L	IS 3025:(Part-24)	200	400	29.72				
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	-		20.68				
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.08				
14	Nitrate (as NO_3)	mg/l	IS 3025(part-34)	45	No Relaxation	9.51				
15	Silica	mg/L	APHA 22 nd Edition		• • • • • • • • • • • • • • • • • • •	0.07				
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	N.D.				
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.				
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.				
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.				



REPORT NO.: 06388

TEST REPORT								
SR.	PADAMETED	UNIT	METHOD OF TEST	AS PER IS	10500:2012	DESULT		
NO.		WEITIOD OF TEST	Limit	limit	REJUEI			
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.		
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No · Relaxation	N.D.		
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.		
23*	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.		
24	Phosphate (as PO4)	mg/L	APHA 22 nd Edition			N.D.		
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.		
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.		
27	Phenolic Compound (as C6H5OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.		
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.		
29	Total Coliform	MPN/1 00ml	IS: 1622:1981:RA:2019			Absent		
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019			Absent		

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- > The use of the report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.

	For ULTIMATE ENVIROLYTICAL SOLUTIONS
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REVIEWED BY	AUTHORIZED SIGNATORY

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HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name & Address Of The Custo	731 <i>0</i> 7	REPORT NO.	UES/TR/23-24/08	3240		
То,		LAB REF NO.	UES/23-24/W/01!	5877		
M/s Manpur Lime	e Stone Mine –	DATE OF SAMPLING	08/01/2024	A CONTRACTOR OF CONTRACTOR		
(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF RECEIPT	09/01/2024	09/01/2024		
		DATE OF REPORT	13/01/2024			
		DATE OF ANALYSIS	START: 09/01/2024	END: 13/01/2024		
		SAMPLE DETAILS		uutsi kasaanna dala		
Customer Sample Id / Sampling Location	Manpur Mine Lease Area	Customer Ref. No. & Date	420002682, DATED - 06,	/05/2023		
Sample Type Ground Water		Sample Condition At Receipt	Ok			
Packing of Sample Plastic Bottle		Sample Collected By	Laboratory Chemist			
Other Details	Sealed	Quantity Received	Approx 5 Ltr.			

	- 75.9 ·		(1) Solar Marcola and the second state of t							X. 36
	- とる髪 ケー・ムーム しょうしょう ビー・ビー・ビー・					- 26.R.1000	1. State 11	1.1.1.1.1.1.1.1		1973 -
	- 282 - End St. Brits - E		그는 그는 그는 것 이야지 말을 듣는 물 때 것을 가슴이 가지 않는 것 같아.			- 「東陸学」、 とうしょうく ークイント			A	
DEDNOT NO ORVAN			그 가슴 물건 가슴 옷을 위한 옷 많은 것이 옷 없는 것 같아요. 나는 것 같아요.	 A shell shake 	13. 25. Con象uma X - X 44. X 25. Color	- 1 %82/ 65/191871111			11 2 76 17 7 7 8 9 9 6 6 F	C
ILLI WILL ILW. VOLTO	- 12 C - 24 14 53 57 66 - 2 C - 2 C - 2 C	**	and the state of the second state of the second	- 111 WARDER (***)	경영 영양 옷 대학은 아무렇게 지수는 것 같아요? 신신한 :	- See State of the second second			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	

	TEST REPORT								
SR.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable	10500:2012 Permissible	RESULT			
NO.				Limit	limit				
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1			
2	pH Value at 25.4°C		IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.21			
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)			2.2			
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	279.0			
5	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250	1000	21.9			
6	Turbidity	NTU	IS:3025:(Part-10)	1	5	0.41			
7	Total Alkalinity (as CaCO3)	mg/L	IS:3025:(Part-23)	200	600	120.0			
8	Total Hardness (as CaCO ₃)	mg/L	IS:3025:(Part-21)	200	600	144.0			
9	Calcium (as Ca)	₩mg/L	IS:3025:(Part-40)	75	200	32.06			
10	Magnesium (as Mg)	mg/L	IS:3025:(Part-46)	30	100	15.55			
11	Sulphate (as SO4)	mg/L	IS:3025:(Part-24)	200	400	24.56			
12	Sodium (as Na)	mg/L	IS:3025:(Part-45)	- 		11.43			
13	Fluoride (as F)	mg/l	IS:3025:(part-60)	1	1.5	0.11			
14	Nitrate (as NO3)	mg/l	IS:3025:(part-34)	45	No Relaxation	6.98			
15	Silica	mg/L	IS:3025:(Part-35)		-	0.11			
16	Copper (as Cu)	mg/l	IS:3025:(part-42)	0.05	1.5	0.07			
17	Iron (as Fe)	mg/l	IS:3025:(part-53)	0.3	No Relaxation	N.D.			
18	Zinc (as Zn)	mg/l	IS:3025:(part-49)	5	15	N.D.			
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.			



REPOR	r no.: 08240		and a second		- the state of the state	fallen (†
			TEST REPOR	RT		en an
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable Limit	10500:2012 Permissible limit	RESULT
20	Manganese (as Mn)	mg/l	IS:3025:(part-59)	0.1	0.3	N.D.
21	Cadmium (as Cd)	mg/l	IS:3025:(part-41)	0.003	No Relaxation	N.D.
22	Lead (as Pb)	mg/l	IS:3025:(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.
2.4	Phosphate (as PO4)	mg/L	IS:3025:(Part-31)	265	-	N.D.
25	Arsenic (as As)	mg/l	IS:3025:(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS:3025:(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C6H5OH)	mg/1	IS:3025:(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	I\$:3025:(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/1 00ml	IS:1622:1981:RA: 2019			Absent
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019			Absent

REMARKS: RESULTS ARE AS ABOVE

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> Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.

> This is for information as the party has asked for above test(s) only.



-----End of the test report-----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY

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N.D.

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Zinc (as Zn)

18

HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name & Address Of the Cusic	Miten.	REPORT NO.	UES/TR/23-24/08241	111-111-11-11-11-11-11-11-11-11-11-11-1
Το,		LAB REF NO.	UES/23-24/W/015878	
M/s Manpur Lime	e Stone Mine –	DATE OF SAMPLING	08/01/2024	
(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF RECEIPT	09/01/2024	
		DATE OF REPORT	13/01/2024	
		DATE OF ANALYSIS	START: 09/01/2024 END	: 13/01/2024
		SAMPLE DETAILS		The second s
Customer Sample Id / Sampling Location	Manpur Village Area	Customer Ref. No. & Date	420002682, DATED - 06/05/2	023
Sample Type	Ground Water	Sample Condition At Receipt	Ok	
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist	
Other Details	Sealed	Quantity Received	Approx 5 Ltr.	

IN THE REPORT REPORT NO.: 08241 **TEST REPORT** AS PER IS 10500:2012 SR. UNIC RESULT **METHOD OF TEST** PARAMETER UNIT Acceptable Permissible NO. Limit limit <1 5 15 IS:3025:(Part-4) 1 Colour Hazen No 7.33 6.5-8.5 IS:3025:(Part-11) 2 pH Value at 25.4°C ----Relaxation Total Suspended 1.9 ----TS:3025:(Part-17) 3 mg/L Solids Total Dissolved 271.0 500 2000 IS:3025:(Part-16) mg/L 4 Solids 250 1000 24.9 IS:3025:(Part-32) 5 Chloride (as Cl) mg/L 0.49 5 1 IS:3025:(Part-10) NTU 6 Turbidity Total Alkalinity 124.0 IS:3025:(Part-23) 200 600 mg/L $(as CaCO_3)$ Total Hardness (as 148.0 600 IS:3025:(Part-21) 200 mg/L 8 $CaCO_3$) 39.28 IS:3025:(Part-40) , 75 200 9 mg/L Calcium (as Ca) 100 12.15 IS: 3025: (Part-46) 30 Magnesium (as Mg) mg/L 10 26.49 200 400 IS:3025:(Part-24) Sulphate (as SO_4) mg/L 11 18.44 _ -----IS:3025:(Part-45) 12Sodium (as Na) mg/L 0.07 1 1.5 IS:3025:(part-60) 13 Fluoride (as F) mg/l No 8.48 45 IS:3025:(part-34) mg/l14 Nitrate (as NO3) Relaxation 0.06 -----15 ' IS:3025: (Part-35) mg/L Silica N.D. IS:3025:(part-42) 0.05 1.5 mg/l16 Copper (as Cu) No N.D. 0.3 IS:3025: (part-53) 17Iron (as Fe) mg/lRelaxation

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY

IS:3025: (part-49)

mg/l



REPORT NO.: 08241 TEST REPORT AS PER IS 10500:2012 SR. PARAMETER UNIT **METHOD OF TEST** Acceptable RESULT Permissible NO. ten han di Limit limit No 19 Nickel (as Ni) mg/l IS:3025:(Part-54) 0.02 N.D. Relaxation 20 Manganese (as Mn) mg/lIS:3025: (part-59) 0.1 0.3 • N.D. No 21 Cadmium (as Cd) mg/l IS:3025:(part-41) 0.003 N.D. Relaxation

22	Lead (as Pb)	mg/l	IS:3025:(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N .D.
24	Phosphate (as PO4)	mg/L	IS:3025:(Part-31)	en e	••••••••••••••••••••••••••••••••••••••	N.D.
25	Arsenic (as As)	mg/l	IS:3025:(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS:3025:(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C6H5OH)	mg/l	IS:3025:(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	IS:3025:(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/1 00ml	IS:1622:1981:RA: 2019			Absent
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019			Absent

Note: mg/lit.: milligram per liter, N.D.: Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.



-----End of the test report-----

1

JAYASWAL NECO INDUSTRIES LTD

CIN: L28920MH1972PLC016154 (STEEL PLANT DIVISION) SILTARA GROWTH CENTRE, BILASPUR ROAD, SILTARA, RAIPUR - 493111 (C.G.) - INDIA PH.: +91-7721-264241, 264263 FAX: +91-7721-264279, 264240 Email: spd@necoindia.com



0/0

Ref: JNIL/SPD/Env/Manpur/ 198 Date : 10/12/2022

The Member Secretary,

Chhattisgarh Environment Conservation Board, Parayavas Bhavan, North Block Sector-19, Atal Nagar, Raipur(C.G.) 490 099.

- Sub : Submission of Ground Water Level and Ground Water Quality Analysis Report of Manpur Lime Stone Mine(12.145 Ha.), Village-Manpur, Tehsil–Sahaspur Lohara, District-Kabirdham (Chhattisgarh).
- Ref : (1) Environment Clearance No.905/SEIAA-CG/EC/Mining/RYP/41/08 Raipur Dated.31/07/2014.
 (2) Amendment Environment Clearance No.91/SEIAA, CG./EC/Lime Stone/Kabirdham/41 Raipur. Dated.26/04/2017.

Sir,

This has reference to the above referred Environment Clearance for subject matter. Please find enclosed herewith Ground Water Level(Annexure-1) and Ground Water Quality Analysis Report(Annexure-2) for the month of November, 2022 of Manpur Lime Stone Mine(12.145Ha.), Village-Manpur, Tehsil–Sahaspur Lohara, District-Kabirdham(Chhattisgarh).

For your kind information & record.

Thanking you,

Yours faithfully, for/Jayaswal Neco Industries Ltd.

Susanta Kumar Moitra Associate Director



······································		PERIOD – Month of N	lovember, 2022		·····
Srl.No	Location / Village	Distance from M.L Boundary (KM)	Direction	Source of water	Water level (Meter)
1	Village- Manpur	0.6	NE	Dug Well	0.9
2	Village- Manpur	1.0	NE	Dug Well	1.2
3	Village- Sighangarh	2.0	W	Bore Well	11.25
4	Village- Bargaon	1.8	SW	Bore Well	9.5



Strahue Mines Manager

	GROUND WATER I	EVEL OF NEAR BY VILL	AGE OF MANPU	R LIMESTONE MI	NES
		PERIOD – Month of	January, 2024		
Srl.No	Location / Village	Distance from M.L Boundary (KM)	Direction	Source of water	Water leve (Meter)
1	Manpur Mines Mining lease area	0		Bore Well	17.60
2	Village- Manpur	1.0	NE	Dug Well	1.30
3	Village- Sighangarh	2.0	W	Bore Well	12.60
4	Village- Bargaon	1.8	SW	Bore Well	11.50

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Mines Manager

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HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Asias & Aduzoss Of The Customer		REPORT NO.	UES/TR/23-24/06377			
То,		LAB REF NO	UES/22-24/AAOM/0121	EE_0121E9		
M/s Mannur Lime Sto	ne Mine –		013/23-24/AAQINI/0121			
(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF SAMPLING	10/11/2023 - 11/11/202	23		
		DATE OF RECEIPT	11/11/2023	11/11/2023		
		DATE OF REPORT	16/11/2023	Aleman and a second		
		DATE OF ANALYSIS	START: 11/11/2023	END:16/11/2023		
		SAMPLE DETAILS				
Monitoring For	Ambient Air Quality Monitoring					
	1. Ranjeetpur Village - N					
Sampling Location	2. Manpur Village - SE					
	3. Sitlamata Mandir - S					
	4. Singangarh Village - W					
Eustomer Ref. No. & Date	420002682, DATED -	06/05/2023				
Duration Of Sampling	As per CPCB norms					
Sample Collected by	Sample Collected by Laboratory Chemist					
Sampling Procedure	As Per Method Refer	ence				
Sample Quantity/Packing	Filter Paper (PM10): 1 30mlX1 No. PVC BOTTLE, Bottle, NH4:10MLX1 No.	X1 No., Filter Paper (P Rubber Bladder: 1X1 No Brown PVC Bottle	42.5): 1X1 No. SO2: 30ml) , C6H6: CHARCOAL Tube. (XI No. PVC Bottle, NO2; DZONE: 10MLX1 No. Brown PVC		

TEST REPORT							
	Unit	NAAQM Standard	METHOD REFERENCE	Results			
Parameter				Ranjeetpur village – N	Manpur Village – SE	Sitlamata Mandir – S	Singangarh Village – W
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m³	100	IS 5182(Part 23):2006 & CPCB Guidelines VolI	47.6	45.3	43.9	46.8
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m³	60	IS 5182(Part 24):2019 CPCB Guidelines VolI	28.8	26.3	25.6	27.1
Sulphur Dioxide (SO ₂)	µg/m³	80	IS 5182(Part 2):2001, RA 2006 & CPCB Guidelines VolI	7.8	6.8	6.2	6.0
Nitrogen Dioxide (NO ₂)	µg/m³	80	IS 5182(Part 6): 2006 & CPCB Guidelines VolI	11.8	9.6	8.5	10.4
Carbon Monoxide (CO)	mg/m ³	4.0	IS 5182(Part 10):1999, RA 2003	0.29	0.18	0.09	0.23
Ozone (O3)	µg/m ³	180	CPCB Guidelines Vol-I	9.6	7.8	7.9	8.5
Ammonia (NH ₃)	µg/m ³	4 00	CPCB Guidelines Vol-I	3.8	2.9	2.4	4.6
Arsenic (As)	ng/m ³	6.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	ng∕m³	20	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	µg∕m³	1.0	CPCB Guidelines Vol-I and AAS Method	N.Đ.	N.D.	N.D.	N.D.
Benzene (C ₆ H ₆)	µg/m³	5.0	IS 5182 (Part 11):2006	N.D.	N.D.	N.D.	N.D.
Benzo (a) Pyrene	ng/m ³	1.0	IS 5182 (Part 12):2014	N.D.	N.D.	N.D.	N.D.

Note: N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

> The use of the report for publication, arbitration or as the legal dispute is forbidden.

Fast sample will be retained for 15 days after issue of test report unless otherwise agreed with the customer.

as the party has asked for above test(s) o For ULTIMATE ENVIROLYTICAL SOLUTIONS - Un **REVIEWED BY** AUTHORIZED SIGNATORY

-----End of the test report-----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY

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HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name & Address Of The Customer		REPORT NO.	UES/TR/23-24/06378		
То,		LAB REF NO.	UES/23-24/AAQM/0121	59-012162	
M/s Manpur Lime Sto	ne Mine –	DATE OF SAMPLING	10/11/2023 - 11/11/2023		
(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF RECEIPT	11/11/2023 16/11/2023		
		DATE OF REPORT			
		DATE OF ANALYSIS	START: 11/11/2023	END: 16/11/2023	
		SAMPLE DETAILS			
Monitoring For	Ambient Air Qualit	ty Monitoring			
	1. Near Main	Office	11 11 11 11 11 11 11 11 11 11 11 11 11		
	2. Near Crushing Plant				
Sampling Location	3. Near Mining Area				
4. Near Ha		Road			
Customer Ref. No. & Date	420002682, DATED -	- 06/05/2023			
Duration Of Sampling	As per CPCB norms				

Sample Collected by	Laboratory Chemist
Sampling Procedure	As Per Method Reference
Sample Quantity/Packing	Filter Paper (PM10): 1X1 No., Filter Paper (PM2.5): 1X1 No. 502: 30m1X1 No. FVC Bottle, NO2: 30m1X1 No. PVC BOTTLE, Rubber Bladder: 1X1 No., C6H6: CHARCOAL Tube. OZONE: 10MLX1 No. Brown PVC Bottle, NH4:10MLX1 No. Brown PVC Bottle

TEST REPORT							
		14 proprieta		n til der	Resul	ts	-
Parameter	Unit	NAAQM Standard	METHOD REFERENCE	Near Main Office	Near Crushing Plant	Near Mining Area	Near Haul Road
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m³	100	IS 5182(Part 23):2006 & CPCB Guidelines VolI	49.6	48.7	49.8	50.9
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg∕m³	60	IS 5182(Part 24):2019 CPCB Guidelines VolI	28.5	26.8	27.3	28.4
Sulphur Dioxide (SO ₂)	µg∕m³	80	IS 5182(Part 2):2001, RA 2006 & CPCB Guidelines VolI	7.8	8.4	9.0	10.1
Nitrogen Dioxide (NO ₂)	µg∕m ³	80	IS 5182(Part 6): 2006 & CPCB Guidelines VolI	11.6	12.2	13.1	13,7
Carbon Monoxide (CO)	mg/m ³	4.0	IS 5182(Part 10):1999, RA 2003	0.28	0.37	0.41	0.46
Ozone (0 ₂)	uq/m ³	180	CPCB Guidelines Vol-I	7.6	8.0	8.9	9.1
Ammonia (NH ₃)	ug/m ³ *	400	CPCB Guidelines Vol-I	3.1	3.5	4.0	4.6
Arsenic (As)	ng/m³	6.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	ng/m³	20	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N,D.	N.D.
Lead (Pb)	µg∕m³	1.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Benzene (C_6H_6)	µg/m³	5.0	IS 5182 (Part 11):2006	N.D.	N.D.	N.D.	N.D.
Benzo (a) Pyrene	ng/m ³	1.0	IS 5182 (Part 12):2014	N.D.	N.D.	N.D.	N.D.

Note: N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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AUTHORIZED SIGNATORY

-----End of the test report-----End of the test report-----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY



🖀 Hinnen & Address of The Press of and						
To,	11:27	REPORT NO.	UES/TR/23-24/06380			
M/s Manpur Lime (12.145 Ha), Teh	Stone Mine – sil – Sahaspur Lohara.	LAB REF NO.	UES/23-24/N/012167-012170			
Dist. – Kabirdhan	n (C.G.)	DATE OF REPORT	16/11/2023			
		DATE OF SAMPLING	10/11/2023 - 11/11/2023			
	SA	MPLE DETAILS				
MONITORING FOR	NOISE LEVEL MONITORING					
CUSTOMER REF. NO. & DATE	420002682, DATED - 06/05/20.	420002682, DATED - 06/05/2023				
SAMPLING LOCATION	(AS DESCRIBED BELOW)	na anna ann ann ann ann ann ann ann ann				
SAMPLE COLLECTED BY	LABORATORY CHEMIST					
SAMPLING PROCEDURE	IS 9989:1981:RA 2001		กรรดนการกรรรมสาวาที่สาวาที่สาวาที่สาวกรรมสาวาที่ การกระการกรรมสาวกรรมสาวาที่สาวาที่สาวาที่สาวาที่สาวาที่สาวาที			

	TEST	REPORT		
		RESULT	LIMIT (RESID	ENTIAL ZONE)
	UNIT	DAY TIME	DAY TIME	NIGHT TIME
Near Main Office	dB(A)	55.3		70 dB(A)
Near Crushing Plant	dB(A)	70.1		
Near Mining Area	dB(A)	66.6	75 dB(A)	
Near Haul Road	dB(A)	63.4		

REMARKS: RESULTS ARE AS ABOVE. MINING OPERATION IS CARRIED OUT ONLY IN DAY TIME.

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> This is for information as the party has asked for above test(s) only.



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The second s				
Name & Address Of The Customer		REPORT NO	UES/TR/23-24/06381	
То,		LAB REF NO	UES/23-24/FE/012171	-012172
M/s Manpur Lime Ste	one Mine –	DATE OF SAMPLING 10/11/2023		
(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		DATE OF RECEIPT	11/11/2023	
		DATE OF REPORT	16/11/2023	٢٠٠٩ - ٢٠٠٠ ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢ ١٩٩٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ - ٢٠٠٠ -
		DATE OF ANALYSIS	START: 11/11/2023	END: 16/11/2023
	SA	MPLE DETAILS	addh ceannaich 23 Mar	
Monitoring For	Work Zone Monitoring / Fugitive Emission Monitoring			
Customer Ref. No. & Date	420002682, DATED - 06/0	420002682, DATED - 06/05/2023		
Duration Of Sampling	8 Hours			
Sample Collected By	Laboratory Chemist	Laboratory Chemist		
Sampling Procedure	As Per Method Reference		(1) <u>Destry (1)</u> (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	
Sample Quantity/Packing	GMF Filter Paper (8 X 1	0 Inch): 1x1 No.		



Terms & conditions

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- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with the customer.
- > This is for information as the party has asked for the above test (s) only.



-----End of the test report-----End of the test report-----



Sample Collected By

HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph: 0771 - 4027777 I Email : ultimatenviro@gmail.com

	Name & Address Of The Customer To, M/s Manpur Lime Stone Mine – (12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		REPORT NO LAB REF NO DATE OF SAMPLING DATE OF RECEIPT DATE OF REPORT	UES/TR/23-24/06381 UES/23-24/FE/012171- 10/11/2023 11/11/2023 16/11/2023	012172
	Monitoring For	Work Zone Monitoring /	Fugitive Emission Mon	itoring	
Monitoring For Work Zone Monitoring / Fugitive Emission Monitoring	Customer Ref. No. & Date	420002682, DATED - 06/0	5/2023	99999999999999999999999999999999999999	
Monitoring For Work Zone Monitoring / Fugitive Emission Monitoring Customer Ref. No. & Date 420002682, DATED - 06/05/2023	Duration Of Sampling	8 Hours		**************************************	

Sample Collected By	Laboratory Chemist
Sampling Procedure	As Per Method Reference
Sample Quantity/Packing	GMF Filter Paper (8 X 10 Inch): 1x1 No.

	ST REPORT			
	Unit	Result (SPM)	The Environment (Protection) Rules, 1986 Standard	Method Referen ce
Manpur Village	µg∕m³	1058	1200	EPA Method IO-2.1
Singangarh Village	µg∕m³	990	1200	EPA Method IO-2.1

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- This is for information as the party has asked for the above test (s) only.



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Name & Address Of The Customer		REPORT NO	REPORT NO UES/TR/23-24/06382			
To, M/s Manpur Lime Stone Mine – (12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		LAB REF NO	UES/23-24/FE/012173-	012176		
		DATE OF SAMPLING	10/11/2023			
		DATE OF RECEIPT	11/11/2023			
		DATE OF REPORT	16/11/2023			
		DATE OF ANALYSIS	START: 11/11/2023	END: 16/11/2023		
	S2	MPLE DETAILS	in the second second second			
Monitoring For	Work Zone Monitoring /	Fugitive Emission Mor	nitoring			
Customer Ref. No. & Date	420002682, DATED - 06,	/05/2023				
Duration Of Sampling	8 Hours	8 Hours				
Sample Collected By	Laboratory Chemist	аналиян жаланда түрөөн түрөөн байн байлай түрээ байлай байлай түрөөн бөлөө бөлүйн хайлаан түрөөн түрөөн түрөөн				
Sampling Procedure	As Per Method Reference	As Per Method Reference				
Sample Quantity/Packing	GMF Filter Paper (8 X .	10 Inch): 1x1 No.				



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UES/TR/23-24/06385

UES/23-24/W/012179

10/11/2023

11/11/2023



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Name & Address Of The Customer To,

M/s Manpur Lime Stone Mine -(12.145 Ha), Tehsil – Sahaspur Lohara, Dist. - Kabirdham (C.G.)

-onara, Dist Rabirunani (C.G.)		DATE OF REPORT	16/11/2023	16/11/2023		
		DATE OF ANALYSIS	START: 11/11/2023	END: 16/11/2023		
SAMPLE DETAILS						
Customer Sample Id / Sampling Location	Manpur Village	Customer Ref. No. & Date	420002682, DATED - 06	5/05/2023		
Sample Type	Drinking Water	Sample Condition At Receipt	Ok			
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist			
Other Details	Sealed	Quantity Received	Approx 5 Ltr.	****		

REPORT NO.

LAB REF NO.

DATE OF SAMPLING

DATE OF RECEIPT

DATE OF REPORT

REPORT NO.: 06385

	TEST REPORT						
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable Limit	Permissible	RESULT	
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1	
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.26	
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)			2.2	
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	268.0	
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	21.9	
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.61	
7	Total Alkalinity (as CaCO3)	mg/L	IS 3025:(Part-23)	200	600	136.0	
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025:(Part-21)	200	600	162.0	
9	Calcium (as Ca)	₩mg/L	IS 3025:(Part-40)	75	200	38.48	
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	16.04	
11	Sulphate (as SO4)	mg/L	IS 3025:(Part-24)	200	400	24.26	
12	Sodium (as Na)	mg/L	APHA 22 nd Edition			13.11	
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.09	
14	Nitrate (as NO3)	mg/l	IS 3025(part-34)	45	No Relaxation	1.24	
15	Silica	mg/L	APHA 22 nd Edition			0.07	
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	N.D.	
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.	
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D	
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.	



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REPORT NO.: 06385	이는 영법 모양을 생각			이 같은 것은 바람이 다가 방송하지?

	TEST REPORT						
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable	10500:2012 Permissible	RESULT	
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.	
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No . Relaxation	N.D.	
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.	
2 3 °	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.	
24	Phosphate (as PO4)	mg/L	APHA 22 nd Edition		••• ••• ••••••••••••••••••••••••••••••	N.D.	
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.	
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.	
27	Phenolic Compound (as C6H5OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.	
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.	
29	Total Coliform	MPN/1 00ml	IS: 1622:1981:RA:2019		-	Absent	
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019			Absent	

REMARKS: RESULTS ARE AS ABOVE

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For ULTIMATE ENVIROLYTICAL SOLUTIONS **REVIEWED BY** AUTHORIZED SIGNATORY

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UES/TR/23-24/06386

UES/23-24/W/012180

10/11/2023

11/11/2023



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph: 0771 - 4027777 | Email : ultimatenviro@gmail.com

Name & Address Of The Custamer To,

M/s Manpur Lime Stone Mine -(12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)

Lonara, Dist. – Kabirdham (C.G.)		DATE OF REPORT	16/11/2023	16/11/2023		
		DATE OF ANALYSIS	START: 11/11/2023	END: 16/11/2023		
		SAMPLE DETAILS				
Customer Sample Id / Sampling Location	Near Office	Customer Ref. No. & Date	420002682, DATED - 06	5/05/2023		
Sample Type	Drinking Water	Sample Condition At Receipt	Ok			
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist			
Other Details	Sealed	Quantity Received	Approx 5 Ltr.			

REPORT NO.

LAB REF NO.

DATE OF SAMPLING

DATE OF RECEIPT

REPORT NO.: 06386

	TEST REPORT						
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS Acceptable	10500:2012 Permissible	RESULT	
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1	
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.24	
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)			1.6	
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	188.0	
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	19.9	
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.25	
7	Total Alkalinity (as CaCO3)	mg/L	IS 3025:(Part-23)	200	600	94.0 ·	
8	Total Hardness (as CaCO3)	mg/L	IS 3025:(Part-21)	200	600	116.0	
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	30.46	
10	Magnesium (as Mg)	mg/L	IS 3025: (Part-46)	30	100	9.72	
11	Sulphate (as SO4)	mg/L	IS 3025:(Part-24)	200	400	16.93	
12	Sodium (as Na)	mg/L	APHA 22 nd Edition			7.81	
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.08	
14	Nitrate (as NO_3)	mg/l	IS 3025(part-34)	45	No Relaxation	1.15	
15	Silica	mg/L	APHA 22 nd Edition	_	-	0.05	
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	N.D.	
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.	
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.	
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.	



REPORT NO.: 06386

AS PER IS 10500:2012									
SR.	PARAMETER	UNIT	METHOD OF TEST	Acceptable	Permissible	RESULT			
	57, AUXALANA			Limit	limit	1997 1997 1997 1997 1997 1997 1997 1997			
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.			
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No · Relaxation	N.D.			
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.			
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.			
24	Phosphate (as PO4)	mg/L	APHA 22 nd Edition			N.D.			
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.			
2.6	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.			
27	Phenolic Compound (as C6H5OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.			
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.			
29	Total Coliform	MPN/1 00ml	IS: 1622:1981:RA:2019		-	Absent			
30	E. Coli	MPN/ 100ml	IS: 1622:1981:RA: 2019	- · ·		Absent			

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

> The use of the report for publication, arbitration or as legal dispute is forbidden.

> Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.

> This is for information as the party has asked for above test(s) only.

For ULTIMATE ENVIROLYTICAL SOLUTIONS ec la AUTHORIZED SIGNATORY **REVIEWED BY**

-----End of the test report-----End of the test report-----