INDIAN POTASH LIMITED

IPL

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Ref:- IPL/Rohana Kalan/DIST/2025-26/42 Date: 01.07.2025

To,

The Director
Ministry of Environment, Forest & Climate Change
KendriyaBhawan, 5th Floor, Sector "H" Aliganj
Lucknow (Uttar Pradesh)

Subject: Six Monthly Compliance Report of Environmental Clearance for Expansion of existing molasses-based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW by**M/s Indian Potash Ltd. (Unit: Distillery) Rohana Kalan,** at Village Bahedi, P.O. Rohana Mill, Block Charthawal, tehsil and District: Muzaffarnagar, Uttar Pradeshfor the period of October, 2024 to March, 2025.

Ref: EC F.No. 395/Parya/SEAC/5764-5646/2019, dated 14th October, 2020.
Reg: Submission of Six-Monthly Compliance Report for Period of October, 2024 to March, 2025.

Dear Sir,

This is in connection to above mentioned subject we are hereby submitting the six-monthly compliance report of the conditions of Environmental Clearance for Molasses based Distillery for expansion of Distillery unit from 45 KLD to 65.3 KLD by **M/s Indian Potash Ltd. (Unit: Distillery) Rohana Kalan,** at Village Bahedi, P.O. Rohana Mill, Block Charthawal, tehsil and District: Muzaffarnagar, Uttar Pradesh for the period of October, 2024 to March, 2025 along with annexures as follows:-

1. **Annexure-01:**Copy of CTE and CTO (Air and Water),
2. **Annexure-02:**Copy of Environmental Clearance
3. **Annexure-03:**Test Report
4. **Annexure** –04: Summary of Stack emission data (Monthly)
5. **Annexure** –05: Ground Water NOC
6. **Annexure** –06: Training Photographs
7. **Annexure** –07:Summarized health surveillance report
8. **Annexure** –08; EHS policy
9. **Annexure** –9: Public notice published in news Paper

Requesting you to accept the soft copy report submitted for information please.

Thanking You,
Your's sincerely
M/s Indian Potash Ltd. (Unit: Distillery)
Rohana Kalan

Authorized Signatory

SIX-MONTHLY ENVIRONMENTAL COMPLIANCE REPORT OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE

(October, 2024 to March, 2025)

For

Expansion of existing molasses-based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW
at
Village: Bahedi, P.O.: Rohana Mill, Block: Charthawal, Tehsil and District: Muzaffarnagar, Uttar Pradesh

For Submission to:
Ministry of Environment, Forest & Climate Change
(Regional Office, Lucknow)

Submitted By:
M/s Indian Potash Ltd. (Unit: Distillery) Rohana Kalan

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CHAPTER No. 01, INTRODUCTION AND PROJECT DESCRIPTION

Six monthly environmental compliance/status report is submitted for Molasses based Distillery by M/s Indian Potash Ltd. (Unit: Distillery) for October, 2024 to March, 2025. The Project is located at Village Bahedi, P.O. Rohana Mill, Block Charthawal, tehsil and District: Muzaffarnagar Uttar Pradesh. Prior Environment Clearance was obtained from SEIAA U.P. vide letter no.: **395/Parya/SEAC/5764-5646/2019,** dated **14th October, 2020.** Consolidated Consent to operate for Air & Water has already been obtained for the project Vide Ref No. **226054 / UPPCB / MuzaffarNagar (UPPCBRO) / CTO / both / MUZAFFARNAGAR / 2024 dated 04/02/2025** which is valid upto 31/12/2026. Copy of CTE and CTO (Air & Water) is attached here as **Annexure-1**

Specific and general conditions stipulated in Environment Clearance have been complied during construction and post construction phases.

Environmental mitigation measures described in Environmental Management Plan are being implemented operation phase. **M/s Indian Potash Limited (Distillery Unit)** management team is fully conscious about Environmental Management and enhancing green belt development in project surrounding area.

Six monthly compliance/status reports for **October, 2024 to March, 2025** for conditions stipulated in the Environmental Clearance letter issued by SEIAA U.P. are enclosed as **Annexure-2**. Photographs view of implemented mitigation measures are also attached for the ready reference as Photo Documentation.

CHAPTER No. 02
COMPLIANCE OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE

Name of the Project: Expansion of existing molasses-based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW at Village: Bahedi, P.O.: Rohana Mill, Block: Charthawal, Tehsil and District: Muzaffarnagar (U.P.) by M/s Indian Potash Limited (Distillery Unit).

Clearance Letter No: Environment Clearance Letter No: 395/Parya/SEAC/5764-5646 /2019, dated **14th October, 2020**

Period of Compliance Report: (October, 2024 to March, 2025)

Environment Clearance conditions:

Sr. No.	**Conditions**	**Reply**
1.	The Environmental clearance is sought for Expansion of existing molasses-based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW at Khasra No.-634, 634 M, 633, 631, 627, 626, 624 partly, 622, Village-Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.) by M/s Indian Potash Ltd.	
2.	The additional term of references in the matter were issued by SEIAA, U.P. vide letter no. 208/Parya/SEAC/5646/2018, dated 27th July, 2020	
3.	Final EIA report submitted by the project proponent on 13th August, 2020.	
4.	**Salient features of the project**	
Sr. No.	**Item**	**Details**
1.	Name of the Project	M/s Indian Potash Ltd. (Rohana Unit: Distillery) Village: Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.)
2.	Capacity of Distillery	Expansion from 45 KLD to 65.3 KLD (Rectified Spirit/Extra Neutral Alcohol/Ethanol)
3.	Power Generation	From 1.4 MW to 2.0 MW Co- Generation of Power.
4.	Category	Category "B" and Schedule - 5 (g)
5.	Project Summary	
Sr. No.	**Particulars**	**Details of Proposed Project (Capacity: 65.3 KLD)**
1.	Proposed capacity of Plant	Expansion of the existing project from 45 KLD to 65.3 KLD distillery (RS/ENA/AA) along with Co gen Power from 1.4 MW to 2 MW.
2.	Total project cost	Rs. 11300 Lakhs
3.	Total project area	6.988 Hectares (17.267 Acres) (Adjoining existing Sugar Mill) at Khasra no. 634, 634 M, 633, 631, 627, 626, 624 partly, 622 M Partly Village: Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.)
4.	Category of Project	Category: B and Schedule: 5 (g)
5.	Process Involve	**Distillery Process:** 1. Molasses Dilution 2. Yeast Propagation 3. Fermentation 4. Multi Pressure Distillation
6.	Product	RS/ ENA / Ethanol (AA): 65.3 KLD

7.	Raw material and its Quantity	Molasses) & Sugarcane Syrup 284 MT/DAY of C-Molasses or 200 MT/Day of B-Heavy Molasses or 218 MT/Day of 50% Sugar Syrup Source: Adjacent own sugar unit & other standalone unit in nearby areas.
	Co-Gen Power Generation	2.0 MW Co generation power
	Fresh Water Requirement	Fresh Water Requirement : 445 KLD (Industrial Use) Source: Treated and Condensate water from adjacent sugar industry as well as surface water through canal.
	Power requirement	The total power requirement for the project will be 1.8 MW. Source: Proposed 2.0 MW Co – Generation Power Plant.
	Fuel and its quantity	Slop will be incinerated in boiler along with coal/husk as supporting fuel. Slop: 166 TPD Coal Requirement: 60 TPD (or Husk:70 TPD)
	Steam requirement	17 TPH
	Number of boiler	1 no. Boiler: 22 TPH Technology: (Slop Fired incineration Boiler)
	Air Pollution Control Device	ESP
	Number of Stack	Proposed One Stack: 70 Meters
	Waste Water treatment	Spent wash treatment: 326 KLD It will be concentrated in Multi effect evaporation and then concentrate from MEE will be utilized in Incineration fired boiler as a fuel along with Coal/ Husk. Other effluent treatment: 507 KLD MEE condensate, Blowdowns of CT, Boiler, Floor washing etc will be treated in CPU and treated water will be recycled back to process and cooling in Distillation & CT.
	Waste Water Discharge	Unit is based Zero Liquid discharge Industry (ZLD)
	Solid Waste Generation	Total Ash generated: 35 TPD Fermenter sludge: 2 TPD Disposal: Total Ash will be used as Soil conditioner; Fermenter Sludge will be dried in sludge drying bed and used as Manure.
	No of Working Days	350 Days / Annum.
	Employment Generation	80 Number
	Green Belt Development	33% of the project area will be covered under green belt plantation (2.306 Hectare)
	Cost towards Environmental Protection measures (capital cost)	40 Crores (it include Waste water treatment system, Boiler, MEE, APCS, Green Belt, Health Safety equipment, granules formation machinery etc)
	Recurring cost towards Environmental control measures	1 Crore per year.
	CSR expenses	2% of total annual Profit as per the CSR Act (By Ministry of corporate affairs)

		Notification GSR 129 (E).		
	Corporate Environmental Responsibility (CER)	169.5 lakhs (1.5% of project cost)		
6.	**Land Use Details**			
Sr. No.	**Land use**	**Area (sqm)**	**Area in %**	
1.	Green Belt Area	23,060.0	33.00	
2.	Open Land	23396.3	33.48	
3.	Road/ Paved Area	4330.0	6.20	
4.	Covered /Rooftop area of building/ sheds	19093.7	27.32	
	GRAND TOTAL	**69,880.0**	**100**	
7.	Raw material required with daily consumption and transport			
Sr. No.	**Particular**	**Requirement**	**Storage**	**Source and mode of transportation**
1.	Molasses (All variants like B-Heavy, Final C-Molasses) & Sugarcane Syrup	C-Molasses: 284 MT/Day or B-Heavy Molasses :200 MT/Day or 218 MT/Day of 50% Sugar Syrup	Molasses storage tanks	**Through Sugar Mills via Road**
Other Chemicals				
2.	Sulphuric Acid	435 Kg/day	Storage facility will be available for the chemical within proposed distillery premises as per requirement	Nearby markets/ by roads
3.	Sodium hydroxide (caustic)	870 kg/ day		
4.	Nutrients	205 kg/day		
5.	Enzymes	35.7 kg/Day		
6.	Anti-foam agents	58.0 kg/Day		
8.	Plant and machinery: 1) 65.3 KLD Ethanol plant with integrated evaporator and alcohol storage system, MEE 2) 22 TPH concentrated spent wash (slop) fired incineration boiler including air pollution control system (ESP) 3) Ash handling system, 4) Fuel handling system 5) Turbo generator & condenser with arrangement for the export of surplus power 6) Power distribution system 7) Cooling towers 8) Plant piping, valves etc 9) Pumps with drive motors 10) Condensate Polishing Plan 11) Distributed control system 12) Firefighting system etc. 13) Molasses storage tanks 14) Product storage tanks 15) Weighbridges 16) RCC Chimney			

9.	Water requirement details	
1.	Industry Use	445 KLD (@ 6.8 KL/ KL of product)
2.	Domestic Use	20 KLD
3.	Total Water Requirement	465 KLD
	Source: Treated and Condensate water from adjacent sugar industry as well as surface water through canal.	
10.	Waste water generation	
1.	Waste Water Generation	**Spent Wash**: 326 KLD (@ 5 KL/KL of Product) **Other Effluents**: 507 KLD
2.	Treatment Technology	**Spent wash treatment:** It will be concentrated in Multi effect evaporation and then concentrate from MEE will be utilized in Incineration fired boiler as a fuel along with Coal/ Husk. **Other effluent treatment:** MEE condensate, Blow downs of CT, Boiler, Floor washing etc. will be treated in CPU and treated water will be recycled back to process and cooling in Distillation & CT
11.	The project proposal falls under Category "B" and Schedule - 5 (g) of EIA Notification, 2006 (as amended).	

I.	**Statutory compliance:**	
Sr. No.	**Condition**	**Compliance**
1.	45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record.	Unit has already submitted the monitoring reports w.r.t. air quality, water quality, Noise to SEIAA at the of appraisal.
2.	Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. In view of this the committee decided that the certified compliance report should be submitted within 03 months.	Point is noted.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forestland for non-forest purpose involved in the project.	Not applicable, No any forest area is observed in study area, hence forest clearance not required.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable.
5.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation	No schedule-I species is reported in study area, hence this condition is not applicable.

	report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).	
6.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	The unit has obtained Consent to Establish from Uttar Pradesh Pollution Control Board. Unit also obtain Consent to Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from Uttar Pradesh Pollution Control Board through 165874 / UPPCB / Muzaffar Nagar (UPPCBRO) / CTO / both /MUZAFFARNAGAR/2022 dated 01/11/2022. Copy of CTE and CTO is attached as **Annexure- 1.**
7.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Industry already obtained the Hazardous waste authorisation as per Hazardous Waste Management Rules 2016.
8.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	The Company is strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time.
II.	**Air quality monitoring and preservation:**	
1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	24x7 continuous emission monitoring system has been installed and connected to UPPCB and CPCB Server for data transfer.
2.	The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NO_2 in reference to SO_2 and NO_2 emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind direct	Four number of Ambient air monitoring location has been decided on the basis condition given. At all four location, ambient air quality data has been found within permissible limit. Copy of Ambient Air quality monitoring report is attached as **Annexure - 3.**

	ions. (Case to case basis small plants: Manual; Large plants: Continuous).	
3.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.	Summary of Stack and Ambient Air quality within premises is attached as **Annexure - 4.**
4.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Electrostatic Precipitator has been installed as Air Pollution Control System, which reduce the emission level within stipulated norms. Emission from the stack is within CPCB norms.
5.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Ambient air quality has been done at three location and results are found within the National Ambient Air Quality Emission Standards. Test reports of air quality are enclosed here with as **Annexure - 3.**
6.	Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Unit is being utilised slop and coal/biomass as a fuel. 70-meter stack has been provided as per the norms.
7.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Adequate Stack height has been provided and acoustic enclosure has been installed as pollution control measures.
8.	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	The storage of molasses shall be done in MS / SS storage tank; coal/rice husk is stored in covered sheds. Regular water sprinkling is done avoid dust pollution and fugitive emissions.
III.	**Water quality monitoring and preservation:**	
1.	For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.	Unit is based on Zero Liquid Discharge. Spent wash generated is being concentrated in MEE then concentrate from MEE is being utilised as fuel in incineration boiler. Web camera has been installed within premises and connected to CPCB and SPCB server.

2.	Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	In no any case treated water is (or will be) discharged outside the premises as unit is based on Zero Liquid Discharge.
3.	Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Process effluent/any wastewater is not being mixed with storm water. The separate storm water from the premises is being collected and used with in premises. Unit is based on Zero Liquid Discharge.
4.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	Unit is based on Zero Liquid Discharge strategy.
5.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority / CGWA in this regard.	Unit already obtained the NOC from Uttar Pradesh ground water department. Copy of ground NOC is attached as **Annexure – 5.**
6.	Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.	**Waste water treatment strategy:** **For Spent wash:** MEE followed by Incineration (Slop fired Boiler). Industry will be based on Zero Liquid Discharge. **For Other Effluent:** Process Condensate Polishing Plant shall be installed for treatment of various other effluents (Condensate, Lees, Floor washing, Blow downs). **Domestic effluent** Soak pit and Septic tank.
7.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Condition noted and complied.
IV.	**Noise monitoring and prevention:**	
1.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Acoustic enclosure is provided with DG set for controlling the noise pollution.
2.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	The overall noise levels in and around the plant area is kept well within the standards as unit has provided noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules,	The ambient noise levels conforms to the standards prescribed under E(P)A Rules,

	1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	1986 viz. 75 dB(A) during day time and 70 dB(A) during night time. Test report enclosed as **Annexure - 3.**
V.	**Energy Conservation measures:**	
1.	The energy sources for lighting purposes shall preferably be LED based.	The unit has preferred LED Lighting in the campus.
VI.	**Waste management:**	
1.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Hazardous waste generated within premises is being stored in dedicated place.
2.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Ash is being used as manure due to high potash value (27%-35%). .
3.	The company shall undertake waste minimization measures as below: - i. Metering and control of quantities of active ingredients to minimize waste.	The unit has metered all necessary flow points.
	ii. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	Unit is using concentration spent wash as fuel in boiler, treated water from CPU is 100% recycled within the system.
	iii. Use of automated filling to minimize spillage.	Condition noted.
	iv. Use of Close Feed system into batch reactors.	Unit using close feed system into batch reactors
	v. Venting equipment through vapour recovery system.	Unit has installed venting equipment through vapour recovery system.
	vi. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	Unit has installed high pressure hoses for equipment clearing to reduce wastewater generation.
VII.	**Green Belt:**	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	33 % of total plot area, already marked for Green belt development and it is under process.
VIII.	**Safety, Public hearing and Human health issues:**	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan submitted with EIA EMP report has been implemented at the site.
2.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	The unit has provided Personal Protection Equipment (PPE) as per the norms of factory Act.
3.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular	Training is imparted to all concerning employees on safety and health aspects of chemicals handling. Photographs of training is attached as **Annexure – 6.**

	basis. Training to all employees on handling of chemicals shall be imparted.	
4.	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Already provided at the time of construction phase. Currently project is in operation phase.
5.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupation health surveillance of the workers is done on a regular basis and records maintained as per the Factories Act. Summarized health surveillance report is attached as **Annexure – 7.**
6.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Unit has already marked the parking area for parking of vehicle within premises. No parking will be done outside the premises or in public place.
IX.	**Corporate Environment Responsibility:**	
1.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA. III dated 1st May, 2018, as applicable, regarding Corporate Environment Responsibility.	The project proponent will comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 01st May 2018, as applicable, regarding Corporate Environment Responsibility.
2.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	The company is having an environmental policy duly approve by the Board of Directors. Environmental Policy is attached as **Annexure – 8.**
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	The unit has organized an Environmental Cell to take care of all concerning stipulated conditions regarding environment.
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be	Condition noted and complied.

	prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	
5.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Condition noted for compliance.
X.	**Miscellaneous:**	
1.	If the proposed project is situated in notified area of ground water extraction, where creation of new wells for ground water extraction is not allowed, requirement of fresh water shall be met from alternate water source other than ground water or legally valid source and permission from the competent authority shall be obtained be to use it.	Currently project is in non-notified area; hence, industry obtained NOC from Uttar Pradesh Ground Water Department.
2.	The project proponent shall ensure that the distillery shall be on ZLD basis with incineration of spent wash in slop boiler. As proposed treated waste water should be completely recycled / reused and ZLD should be achieved. Under no circumstances treated waste water and effluent shall be discharged to any drain / sewer line / inland surface water / nala etc.	**Waste water treatment strategy:** **For Spent wash:** MEE followed by Incineration (Slop fired Boiler) **For Other Effluent:** Process Condensate Polishing Plant has been installed for treatment of various other effluents (Condensate, Lees, Floor washing, Blow downs). **Domestic effluent** Soak pit and Septic tank. Unit is based on Zero Liquid Discharge strategy; no effluent is discharged outside premises
3.	Directions/ suggestions given during public hearing and commitment made by the project proponent should be strictly complied.	Directions/ suggestions given during public hearing and commitment made by the project proponent are complied.
4.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	The copy of published information (in 2 newspapers) regarding grant of environmental clearance already submitted. Copy of public notice is attached as **Annexure – 9.**

5.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The copies of the environment clearance letter are submitted to the Heads of local bodies Panchayat and Municipal bodies.
6.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied. Six Monthly Compliance report has been uploaded on the website.
7.	The project proponent shall monitor the criteria pollutants level namely; PM_{10}, SO_2, NO_2 (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Unit is regularly monitoring the ambient air quality, stack emissions; copy of the test reports is enclosed here with as **Annexure-3**.
8.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Condition noted.
9.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Unit will submit environmental statement in Form-V as per schedule after start of the plant. Copy of Form V has been submitted to regional office.
10.	The project proponent 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, commencing the land development work and start of production operation by the project.	Financial closure of project is 31st March 2023 for this financial year.
11.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	The unit strictly adheres to the stipulations made by the State Pollution Control Board and the State Government.
12.	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and that during their presentation to the Expert Appraisal Committee.	The unit abides by all the commitments and recommendations made in the EIA/EMP report.
13.	No further expansion or modifications in the plant shall be carried out without prior	No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment,

	approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Forests and Climate Change (MoEF&CC).
14.	Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	No any Concealing of factual data has been done.
15.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Condition noted.
16.	The Ministry reserves the right to stipulate additional conditions if found necessary.	Condition noted.
17.	The Company in a time bound manner shall implement these conditions.	Condition noted.
18.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Condition noted.
19.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Condition noted.
20.	Any appeal against this EC 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.	
	Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.	No any Concealing of factual data or submission of false/fabricated data has been done.
	This Environmental Clearance is subject to ownership of the site by the project proponent in confirmation with approved master plan for Lucknow. In case of violation; it would not be effective and would automatically be stand cancelled.	Condition noted.
	The project proponent has to ensure that the proposed site in not a part of any no-development zone as	The unit ensures that the proposed site in not a part of any no-development zone

	required/prescribed/identified under law. In case of the violation this permission shall automatically deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically deemed to be cancelled.	
	The project proponent has mandatorily submit the compliance of specific conditions no.-1, 2, 3, 4, & 5 given In E.C. letter within 3 months, falling which the clearance shall automatically deemed to be cancelled.	Condition noted and complied.
	Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as amended).	Condition noted for compliance.
	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (insurance) Act, 1991 and EIA Notification, 2006 including the amendment and rules made thereafter.	Unit abides by the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (insurance) Act, 1991 and EIA Notification, 2006 including the amendment and rules made thereafter.

CHAPTER No. 03:
DETAILS OF ENVIRONMENTAL MONITORING

3.1 AMBIENT AIR QUALITY MONITORING

3.1.1 Ambient air Quality Monitoring Stations

Ambient air quality monitoring has been carried out at 04 location; baheri, saidpur, khampur and near project site. This will enable to have a comparative analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The location of the ambient air quality monitoring stations is given in **Table-3.1**.

Table-3.1: Details of Ambient Air Quality Monitoring Stations

Sr. No	Location Code	Location Name/ Description	Environmental Setting of Surrounding
1.	AAQ - 1	Near Project Site	Industrial
2.	AAQ - 2	Saidpur	Residential
3.	AAQ - 3	Khampur	Residential
4.	AAQ - 4	Baheri	Residential

AAQ - 1: Near Project Site

The sampler was placed Near Project Site and was free from any obstructions. Surroundings of the sampling site represent industrial environmental setting.

AAQ - 2: Saidpur

The sampler was placed Saidpur and was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

AAQ - 3: Khampur

The sampler was placed Khampur and was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

AAQ - 4: Baheri

The sampler was placed Baheri and was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

3.1.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Respirable Suspended Particulate Matter (PM_{10})
- Fine Particulate Matter ($PM_{2.5}$)
- Sulphur Dioxide (SO_2)
- Oxides of Nitrogen (NO_X)

The duration of sampling of PM_{10}, $PM_{2.5}$, SO_2 and NO_X was 24 hourly continuous sampling per day duration monitoring. The monitoring was conducted for one day at the location. This is to allow a comparison with the National Ambient Air Quality Standards.

The air samples were analyzed as per standard methods specified by Indian Standards (IS: 5182). The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table-3.2**.

Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 ($PM_{2.5}$ i.e. <2.5 microns), and Respirable Dust Sampler with gaseous sampling attachment was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO_2, and NOx.

Table-3.2: Techniques used for Ambient Air Quality Monitoring

Sr. No	Parameter	Technique	Range of testing /limit of detection
1.	Respirable Suspended Particulate Matter (PM_{10})	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	5.0 - 1200
2.	Fine Particulate Matter ($PM_{2.5}$)	Fine Particulate Sampler, Gravimetric Method	2.0 - 500
3.	Sulphur dioxide	Modified West and Gaeke	5.0 - 1050
4.	Oxides of Nitrogen	Jacob & Hochheiser	6.0 - 750

3.1.3 Ambient Air Quality Monitoring Results Near Project Site

The detailed on-site monitoring results of $PM_{2.5}$, PM_{10}, SO_2 and NO_X are presented in **Table-3.3**.

Table-3.3: Ambient Air Quality Monitoring Results Near Project Site

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**76.9**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**47.65**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxides (SO_2)**	IS: 5182 (Part-2): 2001 Reaffirmed: 2022	µg/m^3	**12.04**	5.0 - 1050	For 24 hour =80
4	**Oxides of nitrogen (NO_X)**	IS: 5182 (Part-6): 2006 Reaffirmed: 2022	µg/m^3	**17.28**	6.0 - 750	For 24 hour =80

3.1.4 Ambient Air Quality Monitoring Results at Saidpur

The detailed on-site monitoring results of $PM_{2.5}$, PM_{10}, SO_2 and NO_X are presented in **Table-3.4**.

Table-3.4: Ambient Air Quality Monitoring Results at Saidpur

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**78.6**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**48.06**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxides (SO_2)**	IS: 5182 (Part-2): 2001 Reaffirmed: 2022	µg/m^3	**16.12**	5.0 - 1050	For 24 hour =80
4	**Oxides of nitrogen (NO_X)**	IS: 5182 (Part-6): 2006 Reaffirmed: 2022	µg/m^3	**20.83**	6.0 - 750	For 24 hour =80

3.1.5 Ambient Air Quality Monitoring Results at Khampur

The detailed on-site monitoring results of $PM_{2.5}$, PM_{10}, SO_2 and NO_X are presented in **Table-3.5**.

Table-3.5: Ambient Air Quality Monitoring Results at Khampur

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**76.4**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**46.86**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxides (SO_2)**	IS: 5182 (Part-2): 2001 Reaffirmed: 2022	µg/m^3	**12.23**	5.0 - 1050	For 24 hour =80
4	**Oxides of nitrogen (NO_X)**	IS: 5182 (Part-6): 2006 Reaffirmed: 2022	µg/m^3	**17.27**	6.0 - 750	For 24 hour =80

3.1.6 Ambient Air Quality Monitoring Results at Baheri

The detailed on-site monitoring results of $PM_{2.5}$, PM_{10}, SO_2 and NO_X are presented in **Table-3.6**.

Table-3.6: Ambient Air Quality Monitoring Results at Baheri

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**72.4**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**43.28**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxides (SO_2)**	IS: 5182 (Part-2): 2001 Reaffirmed: 2022	µg/m^3	**11.64**	5.0 - 1050	For 24 hour =80
4	**Oxides of nitrogen (NO_X)**	IS: 5182 (Part-6): 2006 Reaffirmed: 2022	µg/m^3	**16.22**	6.0 - 750	For 24 hour =80

3.1.7 Discussion on Ambient Air Quality in the Study Area

The value of PM_{10} at Ambient Air Monitoring Station No: 1, 2, 3 & 4 are 76.9 µg/m^3, 78.6 µg/m^3, 76.4 µg/m^3 & 72.4 µg/m^3 respectively which were within permissible limit of 100 µg/m^3 and $PM_{2.5}$ levels are 47.65 µg/m^3 Near Project Site, 48.06 µg/m^3 at Saidpur, 46.4 µg/m^3 Khampur and 43.28 µg/m^3 at Baheri, were also observed within permissible limit of 60 µg/m^3 (for residential, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO_2 ranges between 11.64 µg/m^3 to 16.12 µg/m^3 and NO_X ranges between 16.22 µg/m^3 to 20.83 µg/m^3 was also observed within the corresponding stipulated limits (Limit for SO_2 and NO_X; 80 µg/m^3) at all of the 04 monitoring locations. Station wise variation of ambient air quality parameters has been graphically shown in **Figure-3.1 to 3.4**.

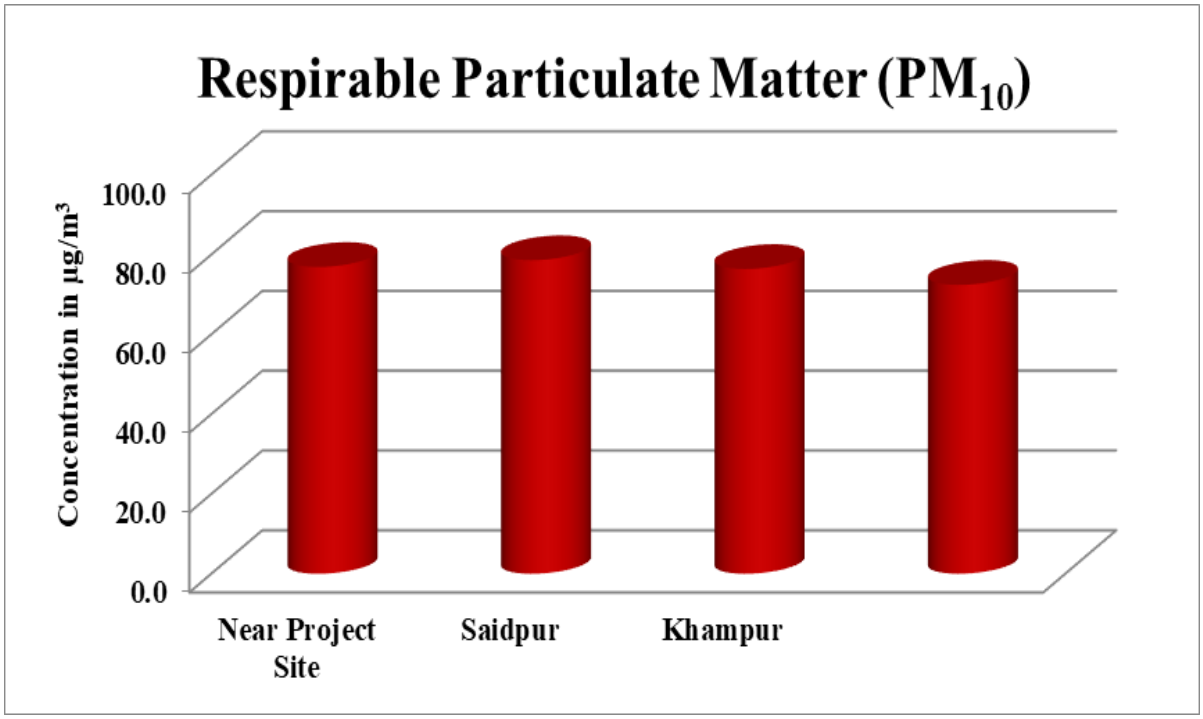

Figure-3.1: Graphs Showing PM_{10} Concentration at all sites

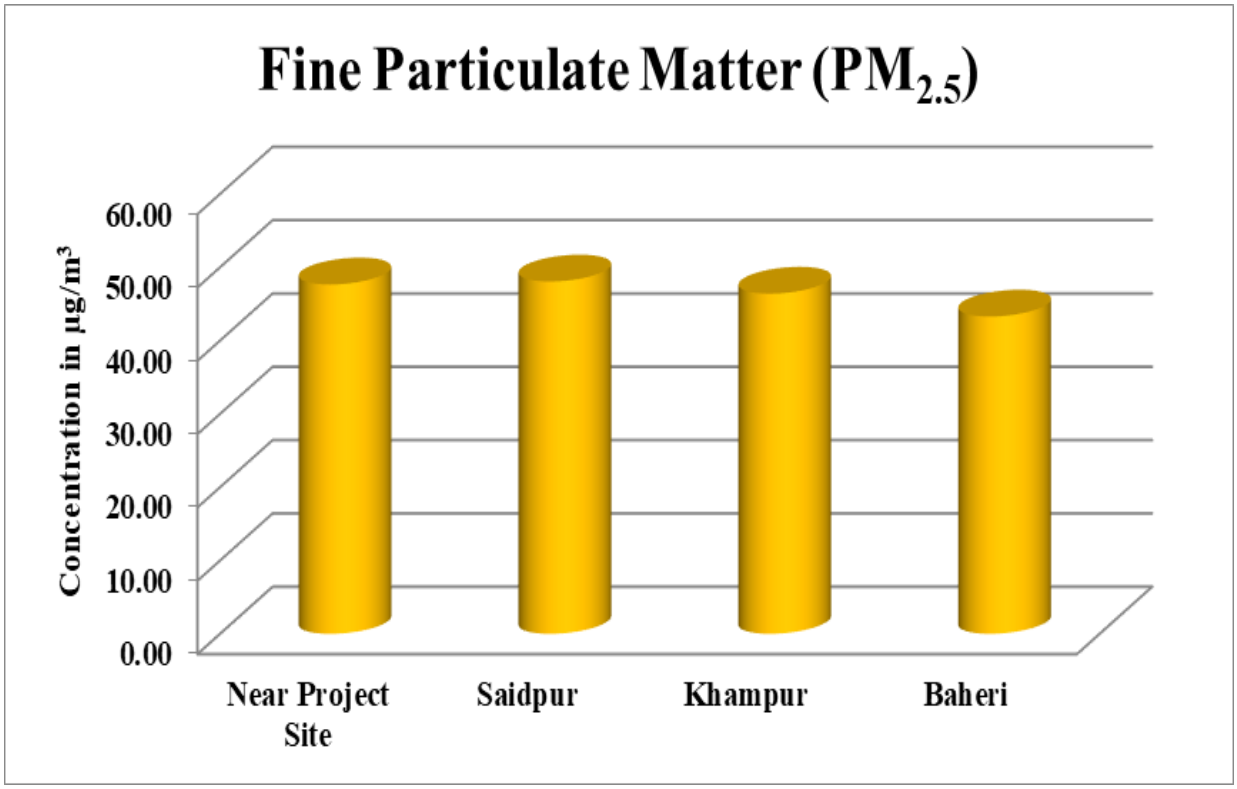

Figure-3.2: Graphs Showing $PM_{2.5}$ Concentration at all sites

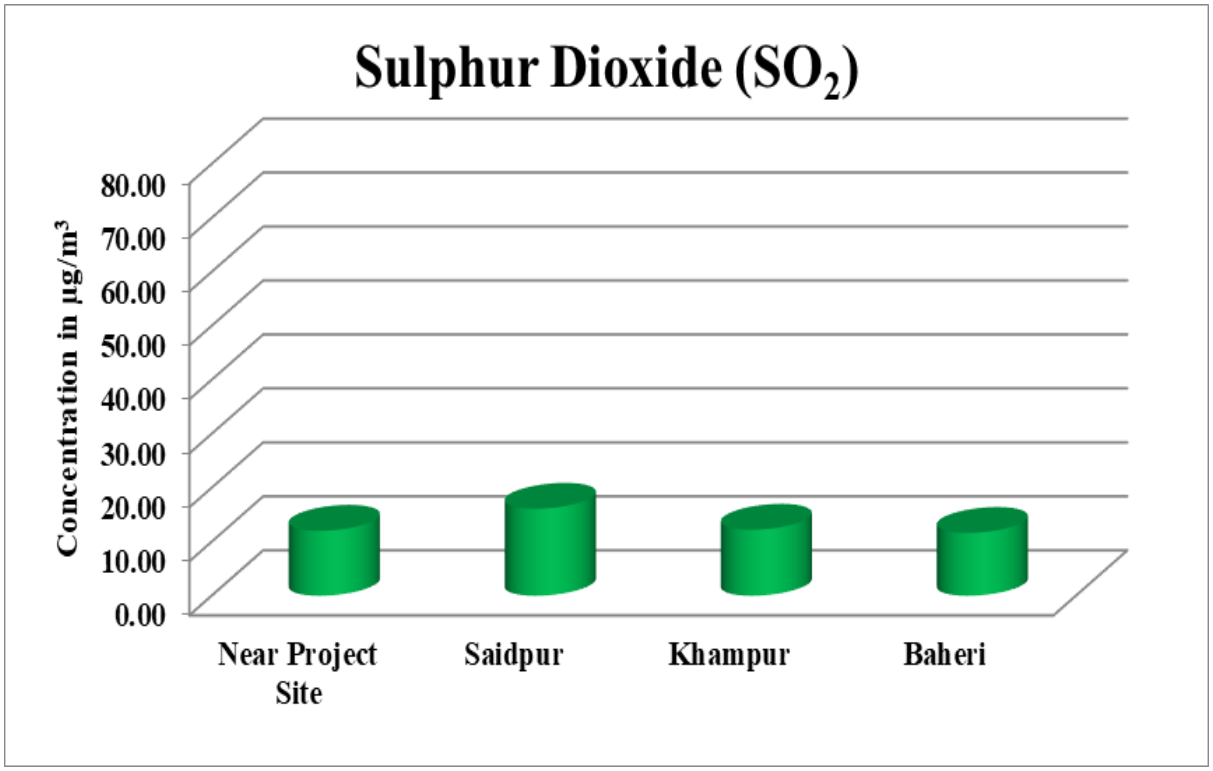

Figure-3.3: Graphs Showing SO2 Concentration at all sites

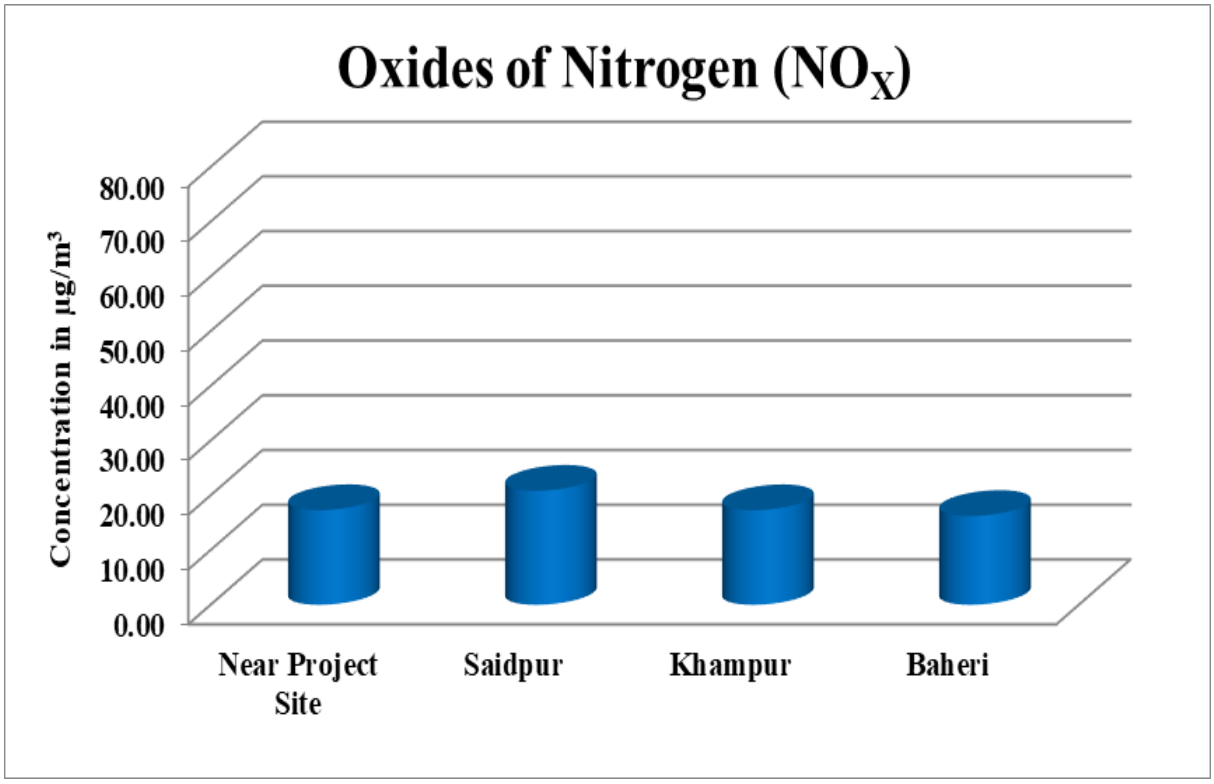

Figure-3.4: Graphs Showing NOx Concentration at all sites

3.2 STACK EMISSION MONITORING

Stack Emission monitoring was carried out by EPA approved Laboratory on date 06.03.2025 for stack attached with 22.0 TPH boiler (ESP is used as Air Pollution Control Device with a stack height of 70.0 meter.

3.2.1 Stack Emission Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter (PM)

The Method used for Stack Emission monitoring and range of testing with CPCB standard are given in **Table-3.7.**

Table-3.7: Details of Stack Emission Monitoring Results

Sr. No.	Parameter	Unit	Protocol	Result	Range of Testing/ Limit of Detection	Standard (as per CPCB)
1	**Particulate Matter**	mg/Nm^3	IS: 11255 (Part-1): 1985 Reaffirmed: 2019	**42.4**	2.0 - 1000	150

3.3 AMBIENT NOISE MONITORING

3.3.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels near project site due to various construction-allied activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at 01 location as given in **Table-3.8**.

Table-3.8: Details of Ambient Noise Monitoring Stations

Sr. No	Location Code	Location name and description	Date of Monitoring
1.	NQ - 01	Near Project Site	05/03/2025 (06:00 AM) to 06/03/2025 (06:00 AM)

3.3.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter. Noise level monitoring was carried out continuously for 24-hours with one hour interval starting at 06:00 hrs to 06:00 hrs next day. The noise levels were monitored on working days only. During each hour Leq were directly computed by the instrument based on the sound pressure levels. Monitoring was carried out at 'A' response.

3.3.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized in **Table-3.9**. The noise levels are graphically presented in **Figure-3.5**.

Table-3.9: Ambient Noise Monitoring Results

Ambient Noise Level				
Sr. No.	**Parameter**	**Unit**	**Results Day Time (06:00 AM - 10:00 PM)**	**Results Night Time (10:00 PM - 06:00 AM)**
1	**Equivalent sound level**	**dB(A)**	54.46	46.25

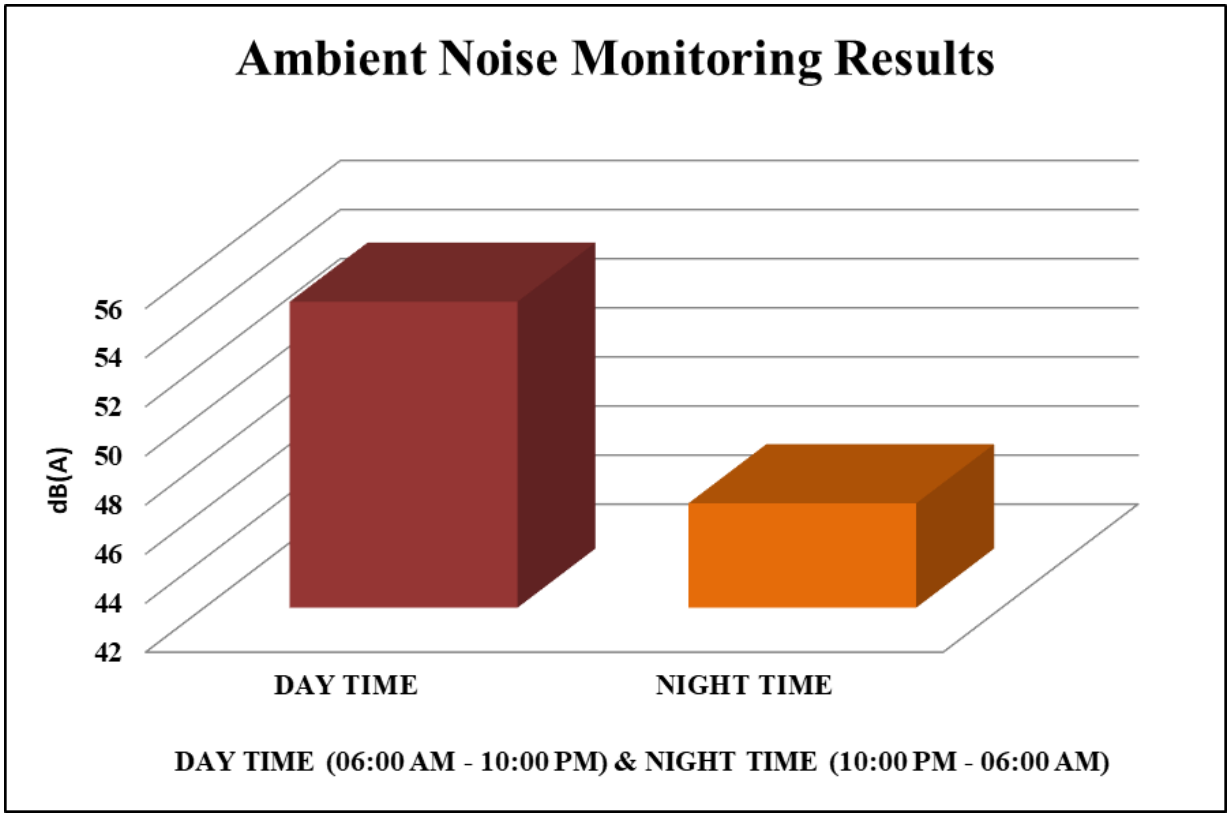

Figure 3.5: Day and Night Time noise Level near Project site

Table-3.10: Noise Standards as per CPCB Schedule rule 3(1) and 4(1)

Area Code	Category of Area/Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

3.3.4 Discussion on Ambient Noise Levels in the Study Area

Day Time Noise Levels (L_{day}):

The day time noise level at monitoring station was found 54.46 dB(A), which is within limits prescribed for industrial area i.e. 75 dB (A).

Night Time Noise Levels (L_{night}):

The night time noise level at monitoring station was found 46.25 dB(A), which is within limit prescribed for industrial area i.e. 70 dB (A).

3.4 GROUND WATER QUALITY MONITORING

3.4.1 Ground water Quality Monitoring Locations

Keeping in view the importance of ground water, sample of ground water was collected from the project site for the assessment of impacts of the project on the groundwater quality.

Water sample was collected from the project site. The sample was analyzed for various parameters to compare with the standards for Ground water as per IS: 10500 for Groundwater sources. The details of water sampling locations are given in **Table-3.11**.

Table-3.11: Details of Water Quality Monitoring Station

Sr. No	Location Code	Location name and description	Date of Monitoring
1.	GW - 01	**Borewell (Near Project Site)**	**03th October, 2024**
2.	GW - 01	**Borewell (Near Project Site)**	**11th November, 2024**
3.	GW - 01	**Borewell (Near Project Site)**	**17th December, 2024**
4.	GW - 01	**Borewell (Near Project Site)**	**18th January, 2025**
5.	GW - 01	**Borewell (Near Project Site)**	**04th February, 2025**
6.	GW - 01	**Borewell (Near Project Site)**	**06th March, 2025**

3.4.2 Methodology of ground water Quality Monitoring

Sampling of ground water was carried out on 03.10.2024, 11.11.2024, 17.12.2024, 18.01.2025, 04.02.2025 and 06.03.2025. Samples were collected as grab sample and sampling forms are filled in as per the sampling plan. The preservative sample were properly added to preserve as per standard operating procedures (SOP) and stored immediately in ice boxes, which were ensured for appropriate temperatures. **Sample for chemical analysis was collected in polyethylene carboys. Sample collected for metal content were acidified to <2 pH with 1 ml HNO_3. A sample for bacteriological analysis was collected in sterilized glass bottles.**

Soon after the completion of sampling, chain of custody sheets for the samples are filled in and then they were transported by road to Environmental & Technical Research Centre, Lucknow for further analysis. Proper care was taken during packing and transportation of samples. All the samples reached the central laboratory within the holding times for different parameters. After ensuring the same the samples were forwarded immediately for analysis.

The samples were analyzed as per the standard procedures specified in 'Standard Methods for the Examination of Water and Wastewater' published by American Public Health Association (APHA) and CPCB. The analytical techniques and the test methods adopted for testing of ground water are given in **Table-3.12 to Table-3.17.**

3.4.3 Ground water Quality Monitoring Results

The detailed Ground water quality monitoring results are presented in **Table-3.12 to Table-3.17.**

Table-3.12:
Ground water Quality Results at Borewell near Project site (October, 2024)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**396.4**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**52.8**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.34**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**32.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**280.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**252.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.10**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.05**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.2**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

Table-3.13:
Ground water Quality Results at Borewell near Project site (November, 2024)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**404.6**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**48.0**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**26.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**288.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**244.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.15**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.04**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.58**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

Table-3.14:
Ground water Quality Results at Borewell Near Project site (December, 2024)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**396.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**284.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**256.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.09**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.06**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.56**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

Table-3.15:
Ground water Quality Results at Borewell near Project site (January, 2025)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**394.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**51.2**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**32.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**284.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**252.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.13**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.02**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.64**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

Table-3.16:
Ground water Quality Results at Borewell Near Project site (February, 2025)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**377.6**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**28.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.39**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**30.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**280.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**256.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.14**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.04**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.58**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

Table-3.17:
Ground water Quality Results at Borewell Within Premises (March, 2025)

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	**Colour**	Hazen	IS: 3025 (Part-04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part-05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.6**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	IS: 3025 (Part-16): 2023	**396.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 5540 C	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**26.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**0.34**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	APHA 24th Ed. 2023 - 5530 C	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**292.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2340 C	**260.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.10**	0.05 - 20	0.3	No Relaxation
22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.03**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.42**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2.0	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	***E. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	***T. coli***	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

3.5 SOIL MONITORING

3.5.1 Soil Monitoring Locations

The objective of the soil monitoring is to identify the impacts of ongoing project activities on soil quality and also predict impacts, which have arisen due to execution of various constructions allied activities. Accordingly, a study of assessment of the soil quality has been carried out.

To assess impacts of ongoing project activities on the soil in the area, the Physico-chemical characteristics of soils were examined by obtaining soil samples from selected points and analysis of the same. Single sample of soil was collected from the project site for studying soil characteristics, the location of which is listed in **Table-3.18**.

Table-3.18: Details of Soil Monitoring Stations

Sr. No	Location Code	Location name and description
1.	SQ - 01	Near Project site

3.5.2 Methodology of Soil Monitoring

The sampling has been done in line with IS: 2720 & Methods of Soil Analysis, Part-01st, 02nd Edition, 1986 of American Society for Agronomy and Soil Science Society of America. The homogenized samples were analyzed for physical and chemical characteristics (physical, chemical and heavy metal concentrations). The soil samples were collected in the month of March on 06.03.2025.

The samples have been analyzed as per the established scientific methods for Physico-chemical parameters. The heavy metals have been analyzed by using Atomic Absorption Spectro-photometer.

3.5.3 Soil Monitoring Results

Single sample of soil is collected from the site to check the quality of soil of the study area. The Physico-chemical characteristics of the soil, as obtained from the analysis of the soil sample, are presented in **Table-3.19**.

Table-3.20: Physico-Chemical Characteristics of Soil at near Plant Site

Sr. No.	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection
1	**pH**	-	IS: 2720 (Part-26): 1987 Reaffirmed: 2021	**7.4**	1 - 14
2	**Electrical Conductivity**	µmhos/cm	IS: 14767:2000 Reaffirmed:2021	**288.0**	1.0 - 40000
3	**Moisture content**	%	IS: 2720 (Part-2): 1973 Reaffirmed: 2020	**3.08**	1.0 - 50
7	**Sulphur**	Kg/Hec	IS:14685: 1999 Reaffirmed: 2019	**12.85**	5.0 - 100
8	**Boron**	mg/kg	Method Manual of Soil Testing in India	**BDL**	1.0 - 100
9	**Copper**	mg/kg	Method Manual of Soil Testing in India	**0.36**	0.3 - 500
10	**Zinc**	mg/kg	Method Manual of Soil Testing in India	**5.26**	1.0 - 500
11	**Iron**	mg/kg	Method Manual of Soil Testing in India	**96.2**	5.0 - 500
12	**Manganese**	mg/kg	Method Manual of Soil Testing in India	**8.2**	5.0 - 500

3.5.4 Discussion on Soil Characteristics in the Study Area

The soil in study area is characterized by moderate organic content. The soil quality in the project area has not been affected by the project activities

Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

Category : RED **Application Id : 28997967**

226054/UPPCB/MuzaffarNagar(UPPCBRO)/CTO/both/MUZAFFARNAGAR/2024 **Date: 04/02/2025**

To,

M/s

INDIAN POTASH LIMITED DISTILLERY UNIT

Rohana kalan, Village - Bahedi, P.O. Rohana Mill, Block- Charthawal, Tehshil and District - Muzaffarnagar, (U.P.) , Pin- 251202,MUZAFFARNAGAR,251202

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **INDIAN POTASH LIMITED DISTILLERY UNIT** located at **Rohana kalan, Village - Bahedi, P.O. Rohana Mill, Block- Charthawal, Tehshil and District - Muzaffarnagar, (U.P.) , Pin- 251202,MUZAFFARNAGAR,251202**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA INDIAN POTASH LIMITED DISTILLERY UNIT **granted for the period from 01/01/2025 to 31/12/2026** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RS/ENA/AA - 65.3 KLD	65.3 KLD	Kilo Liters/Day
2	CO-GEN POWER-2.0 MW	02 MW	Megawatt

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	**12 KLD**	**Septic Tank**	
Industrial	**ZLD**	**ETP**	**ZLD**

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

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S.No.	Parameter	Standard

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	22 TPH capacity Slop Fired Boiler	Low sulphur Coal-60 MTD or Rise Husk-70 MTD and Slop-166 Cubic Meter/Day	1	Particulate Matter	Dust Collector, ESP and 70 Meter stack height from ground level

Emmission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	As per CAQM direction

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-http://www.upecp.in/TrainingSession.aspx for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.

9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1- This CTO is valid only for the production capacity of RS/ENA/AA - 65.3 KLD and CO-GEN POWER-2.0 MW. by using C HEAVY MOLASSES - 284 MT/DAY OR B-HEAVY MOLASSES-200 MT/DAY OR SUGAR SYRUP-218 MT/DAY as a main raw material.

2- The industry shall comply with NOC issued by UPGWD for ground water abstraction.

3- This consent is valid only for Zero Liquid Discharge (ZLD).

4- In case of any change in production capacity, process, raw material use etc. the industry will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P. Pollution Control Board.

5- The unit shall maintain strict supervision upon fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant.

6- Unit shall comply with CAQM direction no. 65 regarding approved fuel and direction regarding operation of DG sets.

7- The E.T.P. unit operation line up Strengthening is to be maintained.

8- Unit must installed STP for treatment of domestic effluent and submit compliance in the Board within a Month.

9- The Unit shall install Piezometer for measurement of ground water level and the data generated from Piezometer will be provided to the SPCB on monthly basis.

10- Bio Composting shall not be done in the industry. The spent wash generated from the industry shall be used completely in MEE with High Bricks Concentration System (HBCS) and in Slop Fired Boiler. No effluent is allowed to discharge outside the factory premises.

11- All generate thin Slope shall be used in MEE with High Bricks Concentration System (HBCS) and Slop Fired Boiler.

12- Industry shall submit monitoring reports of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986 within a month and on quarterly basis.

13- Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.

14- The industry shall strictly comply with conditions mentioned in the charter on CREP prepared by CPCB.

15- Industry shall maintain Online Continuous Effluent and emission Monitoring System (OCEMS) on ETP and stack & connect it with SPCBs and CPCB server, before start of production as per the direction of CPCB.

16- Industry shall install PTZ camera at each strategic location such as MEE, effluent storage lagoon etc. for monitoring purpose. The URLs and password shall be provided to the Board.

17- Industry shall ensure the compliance of office memorandum dated 28.08.2019 issued by MoEF&CC, Govt. of India and detail of Fly ash disposal shall be submitted on quarterly basis to UPPCB.

18- The unit shall submit the audited balance sheet for the current year and the details of fees deposited during last three years within a month.

19- The industry shall install electromagnetic flow meter at water source and outlet of ETP, and maintain the records of water abstracted and recycled treated effluent. The treated effluent from the Effluent Treatment Plant shall be used completely in the manufacturing process.

20- Industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.

21- Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.

22- The industry shall comply the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 and shall obtain authorization for the disposal of hazardous waste.
23- The industry shall ensure provisions of Roof Top Rain Water Harvesting system and Ground Water Recharging Proposal/ compliance report should be sent to the Board within One month.
24- The industry shall provide adequate arrangement for fighting the accidental leakages/discharge of any air pollutant/gas/liquid from the vessel, machinery etc. which are likely to cause fire hazard including environmental pollution.
25- If UPPCB or CPCB issues closure order against the industry, this consent shall remain suspended for the period till closure order is revoked, after which the consent will be effective again for the remaining period.
26- The storage capacity of the lagoons installed for more than 7 days holding capacity of the concentrated spent wash shall be dismantled within one months and progress submitted to the Board.
27- Any source of emission other than that mentioned in the consent seeking application will not be permitted by the Board.
28- The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission confirms with the Particulate Matter standard as per CAQM direction.
29- Industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986.
30- The APCS will be maintained and operated in such a manner that emissions always conform to the applicable standard.
31- Industry shall submit monthly monitoring reports of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986.
32- The unit shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section-21/22 of air Act 1981 (as amended respectively).
33- In compliance with the Hon'ble Supreme Court order passed in W.P. (civil) No. 13029/1985 M.C. Mehta Vs. Union of India and ors. the use of Pet coke and furnace oil is prohibited.
34- The use of Pet coke and Furnace oil as a fuel in the factory is restricted in compliance of the Hon'ble Supreme court order.
35- Proper dust control measures shall be taken during construction and provisions of Construction and Demolition Waste Management Rules 2016 shall be effectively implemented and submit report to Board.
36- Minimum 33% of the land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H16405/220/2018/02 dt. 16/02/2018.

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Environmental Engineer
Incharge Circle-3

Copy to:

Regional Officer, UPPCB, Muzaffarnagar.

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Environmental Engineer
Incharge Circle-3

मिशन LiFE - पर्यावरण के लिए जीवन शैली

(Lifestyle For Environment)

<u>जनसहभागिता का सन्देश</u>

- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइक्लिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्थाक्कीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |

UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :25/10/2020 To 24/10/2025

Ref No. - 107490/UPPCB/MuzaffarNagar(LAB)/CTE/MUZAFFARNAGAR/2020 **Dated:- 03/11/2020**

To ,

Shri Indian Potash Ltd. (Rohana Unit: Distillery)
M/s Indian Potash Ltd Rohana Unit Distillery
Village Rohana Mill, Block Charthawal,Tehsil District Muzaffarnagar (U.P.),MUZAFFAR NAGAR,251202
MUZAFFARNAGAR

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Polution) Act, 1981 as amended.

Please refer to your Application Form No.- 9844207 dated - 16/10/2020. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	**Raw Material Unit Name**	**Raw Material Quantity**
Molasses & Sugarcane Syrup 284 MT/DAY of C-Molasses or 200 MT/Day of B-Heavy Molasses or 218 MT/Day of 50% Sugar Syrup	Metric Tonnes/Day	.

C- Product with capacity :

Product Detail	
Name of Product	**Product Quantity**
Distillery Unit: 65.3 KLD (RS/ENA/AA)	.
2 MW POWER	.

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	**Unit Name**	**Licence Product Capacity**	**Install Product Capacity**
.	Metric Tonnes/Day	.	.

E- Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	**Name of Source**	**Quantity (KL/D)**
River	Rohana minor canal	445.0

F- Quantity of effluent (ln KLD) :

Effluent Details	
Source Consumption	**Quantity (KL/D)**
Industrial	445.0
Domestic	20.0

G- Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	**Consumption(tpd/kld)**	**Use**
Coal	60	USED AS FUEL IN SLOP FIRED BOILER
Others	166	USED AS FUEL IN SLOP FIRED BOILER

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry within three months to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, I974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry without any prior information, in case of non compliance of above conditions.
7. The industry shall install facilities to ensure Zero Liquid Discharge (ZLD) such as Multi Effect Evaporator (MEE), Condensate Polishing Unit(CPU) and Slop/ incineration boiler etc .
8. Industry shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and maturing arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.

Specific Conditions:

1. This Consent to Establish is valid for the production of Rectified Spirit/ENA/Absolute Alcohol-65.3 KL/Day and Co-Generation-2 MW. In case of any change in production capacity, process, raw materials use etc. the industry will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P.Pollution Control Board.
2. Industry shall comply the all condition of Environmental Clearance from SEIAA vide letter No. 395/Parya/SEAC/5764-5646/2019 dated-14.10.2020.
3. The industry shall install 22 TPH Slope Fired Boiler with ESP and 70 mt. stack height as APCS. The APCS will be maintained and operated in such a manner that emissions always conform to the standard laid down under the E.P Act 1986 as amended.
4. Industry shall maintain Online Continuous Effluent and emission Monitoring System (OCEMS) on ETP and stack & connect it with SPCBs and CPCB server, before start of production as per the direction of CPCB.
5. Industry shall comply the order passed by Hon'ble NGT time to time.
6. The industry shall install electromagnetic flow meter at water source and outlet of ETP, and maintain the records of water abstracted and recycled treated effluent. The treated effluent from the Effluent Treatment Plant shall be used completely in the manufacturing process. This CTE is valid only for Zero Liquid Discharge (ZLD).
7. The industry shall comply the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 and shall obtain authorization for the disposal of hazardous waste.
8. Industry shall provide the NOC of the Irrigation Department for the Canal Water supply. No bore well shall be dig inside the factory premises for ground water abstraction. Industry shall use only surplus water of sugar unit and Canal Water for the manufacturing process.
9. The industry shall ensure provisions of Roof Top Rain Water Harvesting system and Ground Water Recharging Proposal/ compliance report should be sent to the Board within One month.
10. The industry shall provide adequate arrangement for fighting the accidental leakages/ discharge of any air pollutant/gas/liquid from the vessel, machinery etc. which are likely to cause fire hazard including environmental pollution.
11. Unit must ensure strict time bound compliance of suggestion/recommendation of "Charter for Water Recycling & Pollution Prevention in Distillery Industries" formulated by CPCB.
12. Industry shall make a correction in the environmental clearance obtained by SEIAA vide letter No. 395/Parya/SEAC/5764-5646/2019 dated-14.10.2020 in place of village Rohana Kalan to Village Bahedi and send a copy to the Board within 3 month.
13. A Bank Guarantee of Rs. 10,00,000/- (Rs. Ten Lacs only) shall be submitted within 15 days including the conditions mentioned at serial no. 1 to 12 which will be valid for two year otherwise this consent to establish shall be deemed to be withdrawn.

Please note that consent to Establish will be revoked, in case of, non compliance ot any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 03/12/2020 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Chief Environmental Officer,
Circle-3.

Dated:- 03/11/2020

Copy To -

Regional Officer, U.P. Pollution Control Board, Muzaffarnagar.

Chief Environmental Officer,
Circle-3.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.
Vineet Khand-1, Gomti Nagar, Lucknow - 226 010
Phone : 91-522-2300 541, Fax : 91-522-2300 543
E-mail : doeuplko@yahoo.com
Website : www.seiaaup.com

To,

M/s Indian Potash Ltd, (Distillery- Unit),
Rohana Kalan, P.O. Rohana Mill,
Block Charthawal, Tehsil- Muzzaffarnagar,
District- Muzaffarnagar, U.P.

Ref. No. 395 /Parya/SEAC/5764-5646/2019 Date: 14 October, 2020

Sub: Environmental Clearance for Expansion of existing molasses based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW at Khasra No.-634, 634 M, 633, 631, 627, 626, 624 partly, 622, Village-Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.) by M/s Indian Potash Ltd.

Dear Sir,

Please refer to your application/letters 09-04-2020, 02-06-2020, 09-08-2020, 13-08-2020 &17-08-2020 addressed to the Chairman/Secretary, State Level Environment Impact Assessment Authority (SEIAA) and Director, Directorate of Environment Govt. of UP on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 28-08-2020 and SEIAA in its meeting dated 17-09-2020.

A presentation was made by project proponent along with their consultant M/s Environmental & Technical Research Centre. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environmental clearance is sought for Expansion of existing molasses based distillery from 45 KLD to 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW to 2.0 MW at Khasra No.-634, 634 M, 633, 631, 627, 626, 624 partly, 622, Village-Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.) by M/s Indian Potash Ltd.
2. The additional terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 208/Parya/SEAC/5646/2018, dated 27/072020
3. Final EIA report submitted by the project proponent on 13th August, 2020.
4. Salient features of the project:

Sr. No.	Item	Details
1	Name of the Project	M/s Indian Potash Ltd. (Rohana Unit: Distillery) Village: Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.)
2	Capacity of Distillery	Expansion from 45 KLD to 65.3 KLD (Rectified Spirit/Extra Neutral Alcohol/Ethanol)
3	Power Generation	From 1.4 MW to 2.0 MW Co- Generation of Power.
4	Category	Category "B" and Schedule - 5 (g)

5. Other project details:

S.No	Particulars	Details of Proposed Project (Capacity: 65.3 KLD)
1	Proposed capacity of Plant	Expansion of the existing project from 45 KLD to 65.3 KLD distillery (RS/ENA/AA) along with Co gen Power from 1.4 MW to 2 MW.
2	Total project cost	Rs.11300 Lakhs
3	Total project area	6.988 Hectares (17.267 Acres)(Adjoining existing Sugar Mill) at Khasra no. 634, 634 M, 633, 631, 627, 626, 624 partly, 622M Partly Village: Rohana Mill, Block: Charthawal, Tehsil & District: Muzaffarnagar (U.P.)
4	Category of Project	Category : B and Schedule : 5 (g)
5	Process Involve	Distillery Process :

		1. Molasses Dilution 2. Yeast Propagation 3. Fermentation 4. Multi Pressure Distillation
6	Product	RS/ ENA / Ethanol (AA) : 65.3 KLD
7	Raw material and its Quantity	Molasses) & Sugarcane Syrup 284 MT/DAY of C-Molasses or 200 MT/Day of B-Heavy Molasses or 218 MT/Day of 50% Sugar Syrup Source: Adjacent own sugar unit & other standalone unit in nearby areas.
8	Co-Gen Power Generation	2.0 MW Co generation power
9	Fresh Water Requirement	Fresh Water Requirement : 445 KLD (Industrial Use) Source: Treated and Condensate water from adjacent sugar industry as well as surface water through canal.
10	Power requirement	The total power requirement for the project will be 1.8 MW. Source: Proposed 2.0 MW Co – Generation Power Plant.
11	Fuel and its quantity	Slop will be incinerated in boiler along with coal/husk as supporting fuel. Slop: 166 TPD Coal Requirement : 60 TPD (or Husk:70 TPD)
12	Steam requirement	17 TPH
13	Number of boiler	1 no. Boiler: 22 TPH Technology : (Slop Fired incineration Boiler)
14	Air Pollution Control Device	ESP
15	Number of Stack	Proposed One Stack: 70 Meters
16	Waste Water treatment	Spent wash treatment:326 KLD It will be concentrated in Multi effect evaporation and then concentrate from MEE will be utilized in Incineration fired boiler as a fuel along with Coal/ Husk. Other effluent treatment:507 KLD MEE condensate, Blowdowns of CT, Boiler, Floor washing etc will be treated in CPU and treated water will be recycled back to process and cooling in Distillation & CT.
17	Waste Water Discharge	Unit is based Zero Liquid discharge Industry (ZLD)
18	Solid Waste Generation	Total Ash generated : 35 TPD Fermenter sludge: 2 TPD Disposal: Total Ash and Fermenter Sludge will be used as manure.
19	No of Working Days	350 Days / Annum.
20	Employment Generation	80 Number
21	Green Belt Development	33% of the project area will be covered under green belt plantation (2.306 Hectare)
22	Cost towards Environmental Protection measures (capital cost)	40 Crores (it include Waste water treatment system, Boiler, MEE, APCS, Green Belt, Health Safety equipment, granules formation machinery etc)
23	Recurring cost towards Environmental control measures	1 Crore per year.
24	CSR expenses	2% of total annual Profit as per the CSR Act (By Ministry of corporate affairs) Notification GSR 129 (E).
25	Corporate Environmental Responsibility (CER)	169.5 lakhs (1.5% of project cost)

6. Land Use Details:

Sr No.	Land use	Area (sqm)	Area in %
1	Green Belt Area	23,060.0	33.00

2	Open Land	23396.3	33.48
3	Road/ Paved Area	4330.0	6.20
4	Covered /Rooftop area of building/ sheds	19093.7	27.32
	GRAND TOTAL	69,880.0	100

7. Raw material required with daily consumption and transport:

Sl. No	Particular	Requirement	Storage	Source and mode of transportation
1.	Molasses (All variants like B-Heavy, Final C-Molasses) & Sugarcane Syrup	C-Molasses: 284 MT/Day or B-Heavy Molasses :200 MT/Day or 218 MT/Day of 50% Sugar Syrup	Molasses storage tanks	Through Sugar Mills via Road
	Other Chemicals			
2.	Sulphuric Acid	435 Kg/day	Storage facility will be available for the chemical within proposed distillery premises as per requirement.	Nearby markets/ by roads
3.	Sodium hydroxide (caustic)	870 kg/ day		
4.	Nutrients	205 kg/day		
5.	Enzymes	35.7 kg/Day		
6.	Anti-foam agents	58.0 kg/Day		

8. Plant and machinery:

1) 65.3 KLD Ethanol plant with integrated evaporator and alcohol storage system, MEE
2) 22 TPH concentrated spent wash (slop) fired incineration boiler including air pollution control system (ESP)
3) Ash handling system,
4) Fuel handling system
5) Turbo generator & condenser with arrangement for the export of surplus power
6) Power distribution system
7) Cooling towers
8) Plant piping, valves etc
9) Pumps with drive motors
10) Condensate Polishing unit
11) Distributed control system
12) Fire fighting system etc.
13) Molasses storage tanks
14) Product storage tanks
15) Weighbridges
16) RCC Chimney

9. Water requirement details:

1	Industry Use	445 KLD(@ 6.8 KL/ KL of product)
2	Domestic Use	20 KLD
3	Total Water Requirement	465 KLD
	Source: Treated and Condensate water from adjacent sugar industry as well as surface water through canal.	

10. Waste water generation:

1	Waste Water Generation	Spent Wash: 326 KLD (@ 5 KL/KL of Product) Other Effluents: 507 KLD
2	Treatment Technology	Spent wash treatment: It will be concentrated in Multi effect evaporation and then concentrate from MEE will be utilized in Incineration fired boiler as a fuel along with Coal/ Husk. Other effluent treatment: MEE condensate, Blow downs of CT, Boiler, Floor washing etc. will be treated in CPU and treated water will be recycled back to process and cooling in

		Distillation & CT.

11. The project proposal falls under Category "B" and Schedule - 5 (g) of EIA Notification, 2006 (as amended). Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 28-08-2020 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held 17-09-2020 and decided to grant the Environmental Clearance for proposed project along with subject to the effective implementation of the following conditions:-

I. Statutory compliance:

1. 45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record.
2. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. In view of this the committee decided that the certified compliance report should be submitted within 03 months.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
6. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
7. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
8. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules , 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

II. Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s in reference to PM emission , and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind direct ions. (case to case basis small plants: Manual; Large plants: Continuous).
3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugit ive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
6. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control

particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. *Water quality monitoring and preservation:*

1. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
4. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
5. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
7. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

IV. *Noise monitoring and prevention:*

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. *Energy Conservation measures:*

1. The energy sources for lighting purposes shall preferably be LED based.

VI. *Waste management:*

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. The company shall undertake waste minimization measures as below :-
   i. Metering and control of quantities of active ingredients to minimize waste .
   ii. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
   iii. Use of automated filling to minimize spillage.
   iv. Use of Close Feed system into batch reactors.
   v. Venting equipment through vapour recovery system.
   vi. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. *Green Belt:*

1. Green belt shall be developed in an area equal to 33% of the plant area with a native tree

State Level Expert Appraisal Committee Member Secretary U.P. Lucknow

species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

VIII. Safety, Public hearing and Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
4. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
6. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished produc ts, and no parking to be allowed outside on public places

IX. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildli fe norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter lev el, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous:

1. If the proposed project is situated in notified area of ground water extraction, where creation of new wells for ground water extraction is not allowed, requirement of fresh water shall be met from alternate water sources other than ground water or legally valid source and permission from the competent authority shall be obtained to use it.
2. The project proponent shall ensure that the distillery shall be on ZLD basis with incineration of spent wash in slop boiler. As proposed treated waste water should be completely recycled /reused and ZLD should be achieved. Under no circumstances treated waste water and effluent shall be discharged to any drain/sewer line/ inland surface water/Nala etc.
3. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's

Member Secretary
State Level Authority ★ U.P. Lucknow ★

website permanently.

5. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
6. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
7. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
8. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
9. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10. The project proponent 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, commencing the land development work and start of production operation by the project.
11. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
12. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
13. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
14. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
15. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
16. The Ministry reserves the right to stipulate additional conditions if found necessary.
17. The Company in a time bound manner shall implement these conditions.
18. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
19. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
20. Any appeal against this EC 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.

Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Muzaffarnagar. In case of violation; it would not be effective and would automatically be stand cancelled.

The project proponent has to ensure that the proposed site in not a part of any no- development zone as required/prescribed/indentified under law. In case of the violation this permission shall automatically deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically deemed to be cancelled.

The project proponent has to mandatorily submit the compliance of specific conditions no- 1, 3, 4 & 5

given in E.C. letter within 3 months, falling which the Clearance shall automatically deemed to be cancelled.

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

(Ashish Tiwari)
Member Secretary, SEIAA

No...../Parya/SEAC/5764-5646/2019 Dated: As above

Copy with enclosure for Information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate Muzaffarnagar.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE

Office & Laboratory : 2/261, Vishwas Khand, Gomti Nagar, Lucknow - 226 010 (U.P.)
Email : ETRCLTH@YAHOO.IN, Web.: www.etrcindia.com
(ISO 9001:2015, ISO 45001:2018 (OH&S) ISO 14001:2015)
An approved laboratory from Ministry of Environment, Forest and Climate change, Govt. of India under EPA 1986

ETRC/PM09/TEST-REP/FT/45

TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/0710/14971/2024	**Date of Report:** 07/10/2024
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	ETRC
				Sample Collection date	03.10.2024
3	Sample received date	03.10.2024	7	Analysis Start Date	03.10.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	07.10.2024

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**396.4**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**52.8**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.34**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**32.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**280.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**252.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.10**	0.05 - 20	0.3	No Relaxation

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Test Report Ref No.: ETRC/0710/14971/2024

22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.05**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.2**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

..... END OF REPORT.....

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Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge

Environmental And Technical Research Centre ★ CHECKED

Authorized Signatory
(Ritu Garg)
QM

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/0710/14972/2024	**Date of Report:** 14/11/2024
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	ETRC
				Sample Collection date	11.11.2024
3	Sample received date	11.11.2024	7	Analysis Start Date	11.11.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	14.11.2024

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**404.6**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**48.0**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**26.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**288.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**244.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.15**	0.05 - 20	0.3	No Relaxation

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22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.04**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.58**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

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Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge

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(Ritu Garg)
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TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/1712/14973/2024	**Date of Report:** 17/12/2024
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	ETRC
				Sample Collection date	17.12.2024
3	Sample received date	17.12.2024	7	Analysis Start Date	17.12.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	21.12.2024

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**396.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**284.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**256.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.09**	0.05 - 20	0.3	No Relaxation

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22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.06**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.56**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
	Microbiological Parameters						
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

..... END OF REPORT.....

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/1101/14974/2025	**Date of Report:** 11/01/2025
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	Industry Self
				Sample Collection date	08.01.2025
3	Sample received date	08.01.2025	7	Analysis Start Date	08.01.2025
4	Sample Quantity	5.0 liters	8	Analysis End Date	11.01.2025

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**394.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**51.2**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**30.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.36**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**32.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**284.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**252.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.13**	0.05 - 20	0.3	No Relaxation

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22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.02**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.64**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

..... END OF REPORT.....

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(Sandeep Kr Verma)
Lab-Incharge

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Ritu garg

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ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/0702/14975/2025	**Date of Report:** 07/02/2025
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	Industry Self
				Sample Collection date	04.02.2025
3	Sample received date	04.02.2025	7	Analysis Start Date	04.02.2025
4	Sample Quantity	5.0 liters	8	Analysis End Date	07.02.2025

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.5**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**377.6**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**29.16**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**28.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.39**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**30.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**280.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**256.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.14**	0.05 - 20	0.3	No Relaxation

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Test Report Ref No.: ETRC/0702/14975/2025

22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.04**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.58**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

..... END OF REPORT.....

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT
WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/1203/14976/2025	**Date of Report:** 12/03/2025
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	**Borewell**	6	Sample Collected by	ETRC
				Sample Collection date	06.03.2025
3	Sample received date	06.03.2025	7	Analysis Start Date	06.03.2025
4	Sample Quantity	5.0 liters	8	Analysis End Date	12.03.2025

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
	Physico-chemical Parameters						
1	**Colour**	Hazen	IS: 3025 (Part - 04): 2021	**<5.0**	5 - 30	5	15
2	**Odour**	-	IS: 3025 (Part - 05): 2018	**Agreeable**	Qualitative	Agreeable	Agreeable
3	**pH**	-	APHA 24th Ed. 2023 - 4500 H^+	**7.6**	1 - 14	6.5-8.5	No Relaxation
4	**Turbidity**	NTU	APHA 24th Ed. 2023 - 2130 B	**BDL**	2 - 40	1	5
5	**Total Dissolved Solids (TDS)**	mg/l	APHA 24th Ed. 2023 - 2552 A+B	**396.0**	10 - 5000	500	2000
6	**Ammonia (as total ammonia-N)**	mg/l	IS: 3025 (Part - 16): 2023	**BDL**	0.5 - 2	0.5	No Relaxation
7	**Anionic Detergents (as MBAS)**	mg/l	APHA 24th Ed. 2023 - 4500-NH_3 F	**BDL**	0.05 - 0.5	0.2	1.0
8	**Calcium as Ca**	mg/l	APHA 24th Ed. 2023 - 5540 C	**54.4**	2.0 - 600	75	200
9	**Magnesium as Mg**	mg/l	IS: 3025 (Part - 40): 1991 Reaffirmed: 2019	**30.13**	0.1 - 200	30	100
10	**Chloride as Cl**	mg/l	APHA 24th Ed. 2023 - 3500 Mg, B	**26.0**	2.0 - 2000	250	1000
11	**Fluoride as F**	mg/l	APHA 24th Ed. 2023 - 4500-Cl^- B	**0.34**	0.02 - 5.0	1.0	1.5
12	**Free Residual Chlorine**	mg/l	APHA 24th Ed. 2023 - 4500 F^- C	**BDL**	0.1 - 5.0	0.2	1.0
13	**Nitrate as NO_3**	mg/l	IS: 3025 (Part - 26): 1986 Reaffirmed: 2019	**BDL**	1.0 - 70	45	No Relaxation
14	**Phenolic Compound (as C_6H_5OH)**	mg/l	IS: 3025 (Part - 34): 1986 Reaffirmed: 2019	**BDL**	0.001 - 0.005	0.001	0.002
15	**Sulphate as SO_4**	mg/l	APHA 24th Ed. 2023 - 5530 C	**28.0**	1.0 - 500	200	400
16	**Alkalinity as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 4500- SO_4^{2-}	**292.0**	2.0 - 1000	200	600
17	**Total Hardness as $CaCO_3$**	mg/l	APHA 24th Ed. 2023 - 2320 B	**260.0**	5.0 - 800	200	600
18	**Aluminium as Al**	mg/l	APHA 24th Ed. 2023 - 2340 C	**BDL**	0.015 - 5.0	0.03	0.2
19	**Boron as B**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.05 - 2.0	0.5	1.0
20	**Copper as Cu**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 10	0.05	1.5
21	**Iron as Fe**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.10**	0.05 - 20	0.3	No Relaxation

Test Report Ref No.: ETRC/1203/14976/2025

22	**Manganese as Mn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.03**	0.02 - 5.0	0.1	0.3
23	**Zinc as Zn**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**0.42**	0.05 - 15	5	15
24	**Cadmium as Cd**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.003 - 2.0	0.003	No Relaxation
25	**Lead as Pb**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.01 - 10	0.01	No Relaxation
26	**Mercury as Hg**	µg/l	APHA 24th Ed. 2023 - 3112 B	**BDL**	0.5 - 1000	1.0	No Relaxation
27	**Nickel as Ni**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 5.0	0.02	No Relaxation
28	**Arsenic as As**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.02 - 2	0.01	0.05
29	**Total Chromium**	mg/l	APHA 24th Ed. 2023 - 3120 B (ICP-OES)	**BDL**	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	**E. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	**T. coli**	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	**Absent**	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

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ETRC/PM09/TEST-REP/FT/42

TEST REPORT
AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1203/14977/2025		**Date of Report:** 12/03/2025	
Name /Address/Type of Industry		**M/s Indian Potash Limited Unit: Rohana Kalan (Distillery Division) P.O.: Rohana Mill, Block: Charthawal Tehsil: Muzzaffarnagar District: Muzaffarnagar (U.P.) - 251202**	
Monitored by		**ETRC, Lucknow**	
Location of Sampling point		**Near Project Site**	
Sr. No.	**GENERAL OBSERVATIONS**	**DETAILS-PM_{10}**	**DETAILS-$PM_{2.5}$**
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	52	52
(d)	Average ambient temperature (^{o}C)	28	28
(e)	Time of Sampling Started (Hours)	08:46 am (05.03.2025)	08:46 am (05.03.2025)
(f)	Time of Sampling completed (Hours)	08:31 am (06.03.2025)	08:31 am (06.03.2025)
(g)	Total time of sampling (Minutes)	24 hour (1420 minutes)	24 hour (1420 minutes)
2	Average sampling rate for PM (m^3/minute)	1.145	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	**TOTAL VOLUME OF AIR SAMPLED** • PM (m^3) • GAS (liter)	 • 1626.129 • 710.1	 • 23.671

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**76.9**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**47.65**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxide (SO_2)**	IS: 5182 (Part-2): 2001 Reaffirmed: 2022	µg/m^3	**12.04**	5.0 - 1050	For 24 hour =80
4	**Nitrogen Dioxide (NO_2)**	IS: 5182 (Part-6): 2006 Reaffirmed: 2022	µg/m^3	**17.28**	6.0 - 750	For 24 hour =80

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ETRC/PM09/TEST-REP/FT/42

TEST REPORT
AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1203/15081/2025		**Date of Report:** 12/03/2025	
Name /Address/Type of Industry		**M/s Indian Potash Limited Unit: Rohana Kalan (Distillery Division) P.O.: Rohana Mill, Block: Charthawal Tehsil: Muzzaffarnagar District: Muzaffarnagar (U.P.) - 251202**	
Monitored by		**ETRC, Lucknow**	
Location of Sampling point		**Saidpur**	
Sr. No.	**GENERAL OBSERVATIONS**	**DETAILS-PM_{10}**	**DETAILS-$PM_{2.5}$**
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	54	54
(d)	Average ambient temperature (°C)	31	31
(e)	Time of Sampling Started (Hours)	10:36 am (05.03.2025)	10:36 am (05.03.2025)
(f)	Time of Sampling completed (Hours)	10:20 am (06.03.2025)	10:20 am (06.03.2025)
(g)	Total time of sampling (Minutes)	24 hour (1403 minutes)	24 hour (1403 minutes)
2	Average sampling rate for PM (m^3/minute)	1.155	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	**TOTAL VOLUME OF AIR SAMPLED** • PM (m^3) • GAS (liter)	 • 1620.927 • 701.7	 • 23.386

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**78.6**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**48.06**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxide (SO_2)**	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m^3	**16.12**	5.0 - 1050	For 24 hour =80
4	**Nitrogen Dioxide (NO_2)**	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m^3	**20.83**	6.0 - 750	For 24 hour =80

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TEST REPORT
AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1203/15082/2025		**Date of Report:** 12/03/2025	
Name /Address/Type of Industry		**M/s Indian Potash Limited Unit: Rohana Kalan (Distillery Division) P.O.: Rohana Mill, Block: Charthawal Tehsil: Muzzaffarnagar District: Muzaffarnagar (U.P.) - 251202**	
Monitored by		**ETRC, Lucknow**	
Location of Sampling point		**Khampur**	
Sr. No.	**GENERAL OBSERVATIONS**	**DETAILS-PM_{10}**	**DETAILS-$PM_{2.5}$**
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	54	54
(d)	Average ambient temperature (°C)	30	30
(e)	Time of Sampling Started (Hours)	10:33 am (06.03.2025)	10:33 am (06.03.2025)
(f)	Time of Sampling completed (Hours)	10:20 am (07.03.2025)	10:20 am (07.03.2025)
(g)	Total time of sampling (Minutes)	24 hour (1405 minutes)	24 hour (1405 minutes)
2	Average sampling rate for PM (m^3/minute)	1.160	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	**TOTAL VOLUME OF AIR SAMPLED** • PM (m^3) • GAS (liter)	 • 1630.032 • 702.6	 • 23.418

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**76.4**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**46.86**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxide (SO_2)**	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m^3	**12.23**	5.0 - 1050	For 24 hour =80
4	**Nitrogen Dioxide (NO_2)**	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m^3	**17.27**	6.0 - 750	For 24 hour =80

..... END OF REPORT.....

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TEST REPORT
AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1203/15083/2025		**Date of Report:** 12/03/2025	
Name /Address/Type of Industry		**M/s Indian Potash Limited Unit: Rohana Kalan (Distillery Division) P.O.: Rohana Mill, Block: Charthawal Tehsil: Muzzaffarnagar District: Muzaffarnagar (U.P.) - 251202**	
Monitored by		**ETRC, Lucknow**	
Location of Sampling point		**Baheri**	
Sr. No.	**GENERAL OBSERVATIONS**	**DETAILS-PM_{10}**	**DETAILS-$PM_{2.5}$**
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	54	54
(d)	Average ambient temperature (°C)	30	30
(e)	Time of Sampling Started (Hours)	10:45 am (06.03.2025)	10:45 am (06.03.2025)
(f)	Time of Sampling completed (Hours)	10:26 am (07.03.2025)	10:26 am (07.03.2025)
(g)	Total time of sampling (Minutes)	24 hour (1405 minutes)	24 hour (1405 minutes)
2	Average sampling rate for PM (m^3/minute)	1.165	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	**TOTAL VOLUME OF AIR SAMPLED** • PM (m^3) • GAS (liter)	 • 1637.058 • 702.6	 • 23.420

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	**Particulate matters size less than 10 µm (PM_{10})**	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m^3	**72.4**	5.0 - 1200	For 24 hour =100
2	**Particulate matters size less than 2.5 µm ($PM_{2.5}$)**	IS: 5182 (Part-24): 2019	µg/m^3	**43.28**	2.0 - 500	For 24 hour =60
3	**Sulphur Dioxide (SO_2)**	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m^3	**11.64**	5.0 - 1050	For 24 hour =80
4	**Nitrogen Dioxide (NO_2)**	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m^3	**16.22**	6.0 - 750	For 24 hour =80

..... END OF REPORT.....

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- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Complain register is available in our laboratory.

Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge

Environmental And Technical Research Centre ★ CHECKED

Authorized Signatory
(Ritu Garg)
QM

ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE

Office & Laboratory : 2/261, Vishwas Khand, Gomti Nagar, Lucknow - 226 010 (U.P.)
Email : ETRCLTH@YAHOO.IN, Web.: www.etrcindia.com
(ISO 9001:2015, ISO 45001:2018 (OH&S) ISO 14001:2015)
An approved laboratory from Ministry of Environment, Forest and Climate change, Govt. of India under EPA 1986

ETRC/PM09/TEST-REP/FT/43

TEST REPORT
STACK EMISSION MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1203/14978/2025	**Date of Report:** 12/03/2025
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**
Monitored by	**ETRC, Lucknow**

Sr. No.	GENERAL INFORMATION	DETAILS
1.(a)	Date of monitoring	06.03.2025
(b)	Stack material	RCC
(c)	Height of stack from ground level	70.0 mts
(d)	Source to which stack attached	Boiler
(e)	No of boiler attached with capacity	01 No. (22.0 TPH)
(f)	Type and quantity of fuel used	Slop & Bagasse
(g)	Details of APCS installed	ESP
2.	**PARAMETERS**	**VALUES**
(a)	Ambient temperature (^{o}C)	30.0
(b)	Stack gas temperature (^{o}C)	132.0
(c)	Stack gas velocity (m/sec)	11.87
(d)	Flow rate (LPM)	16
(e)	Sampling time (minutes)	58
(f)	Volume of air sampled (liters)	1020

TEST RESULT

Sr. No.	Parameter	Unit	Protocol	Result	Range of Testing / Limit of Detection	Standard (as per CPCB)
1	**Particulate Matter**	mg/Nm^3	IS: 11255 (Part-1): 1985 Reaffirmed: 2019	**42.4**	2.0 - 1000	150

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ETRC/PM09/TEST-REP/FT/44

TEST REPORT
AMBIENT NOISE MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1203/14979/2025		**Date of Report:** 12/03/2025
Name /Address/Type of Industry		**M/s Indian Potash Limited Unit: Rohana Kalan (Distillery Division) P.O.: Rohana Mill, Block: Charthawal Tehsil: Muzzaffarnagar District: Muzaffarnagar (U.P.) - 251202**
Monitored by		**ETRC, Lucknow**
Sr. No.	**GENERAL INFORMATION**	**DETAILS**
(a)	Date of monitoring	05/03/2025 (06:00 AM) to 06/03/2025 (06:00 AM)
(b)	Sample Description	Ambient Noise
(c)	Sampling Location	Near Project Site
(d)	Environmental Condition	Normal

TEST RESULT

Ambient Noise Level				
Sr. No.	**Parameter**	**Unit**	**Results DAY TIME (6:00 AM - 10:00 PM)**	**Results NIGHT TIME (10:00 PM - 6:00 AM)**
1	**Equivalent sound level**	**dB(A)**	54.46	46.25

Noise Standards as per CPCB Schedule rule 3(1) and 4(1)			
Area Code	Category of Area/Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

..... END OF REPORT.....

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ETRC/PM09/TEST-REP/FT/46

TEST REPORT
SOIL ANALYSIS

Test Report Ref No.: ETRC/1203/14980/2025	**Date of Report:** 12/03/2025
Name /Address/Type of Industry	**M/s Indian Potash Limited** **Unit: Rohana Kalan (Distillery Division)** **P.O.: Rohana Mill, Block: Charthawal** **Tehsil: Muzzaffarnagar** **District: Muzaffarnagar (U.P.) - 251202**

SAMPLE DETAILS

1	Sampling Location	Near Project Site	5	Packing Condition	Sealed
2	Sample Description	**Soil Sample**	6	Sample Collected By	Industry self
3	Sample received date	06.03.2025	7	Analysis Start Date	06.03.2025
4	Sample Quantity	500 gm	8	Analysis End Date	12.03.2025

TEST REPORT

Sr. No.	Test Parameter	Unit	Protocol/ Test Method	Result	Range of testing /limit of detection
1	pH	-	IS: 2720 (Part-26): 1987 Reaffirmed: 2021	**7.4**	1 - 14
2	Electrical Conductivity	µmhos/cm	IS: 14767:2000 Reaffirmed 2021	**288.0**	1.0 - 40000
3	Moisture content	%	IS: 2720 (Part -2): 1973 Reaffirmed: 2020	**3.08**	1.0 - 50
4	Sulphur	Kg/Hec	IS: 14685: 1999 Reaffirmed: 2019	**12.85**	5.0 - 100
5	Boron	mg/kg	Method Manual of Soil Testing in India	**BDL**	4.0 - 100
6	Copper	mg/kg	Method Manual of Soil Testing in India	**0.36**	0.3 - 500
7	Zinc	mg/kg	Method Manual of Soil Testing in India	**5.26**	1.0 - 500
8	Iron	mg/kg	Method Manual of Soil Testing in India	**96.2**	5.0 - 500
9	Manganese	mg/kg	Method Manual of Soil Testing in India	**8.2**	5.0 - 500

BDL= Below Detection Limit

..... END OF REPORT.....

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Environmental And Technical Research Centre ★ CHECKED

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(Ritu Garg)
QM

Forbes Marshall

INDIAN POTASH LIMITED DISTILLERY UNIT

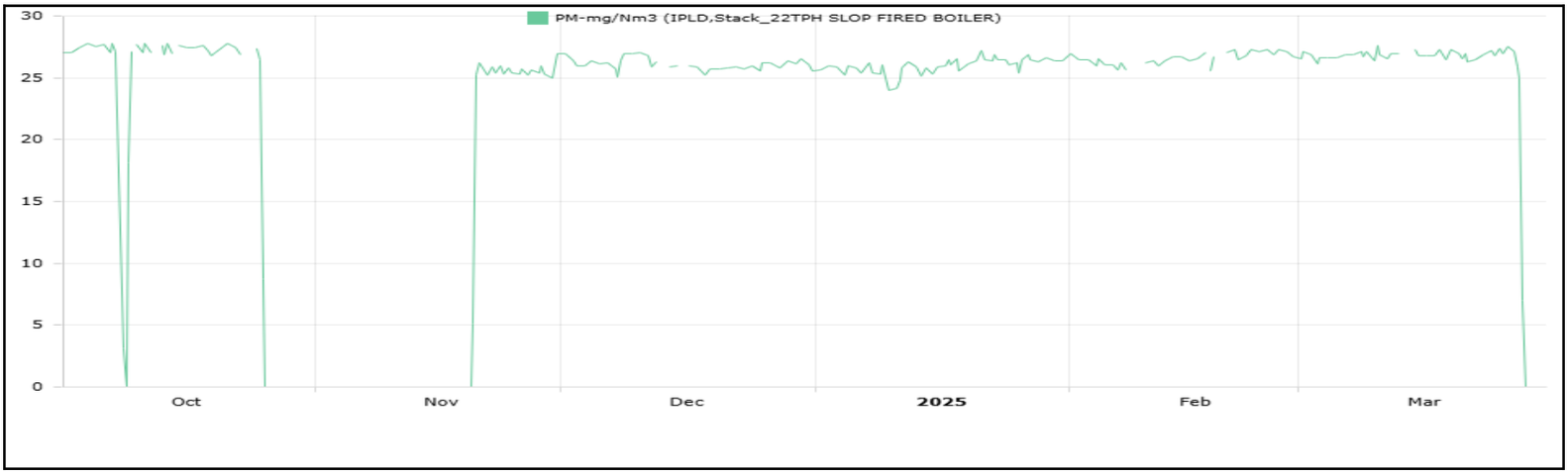
Rohana Kalan, Vilage: Bahedi, P.O.: Rohana Mill, Block-
Charthawal, & District: Muzaffarnagar (U.P.) , Pin-251202, MUZAFFARNAGAR,251202,
Charthawal, & District: Muzaffarnagar (U.P.) , Pin-251202, MUZAFFARNAGAR,251202,

Station Report

Station: Stack_22TPH SLOP FIRED BOILER

From : 01-10-2024 07:10:00 **To :** 31-03-2025 09:10:00

Interval : 8 Hours **Function :** Average



Flag legends:	< - Average with less data, C - Calibration mode, M - Maintenance mode, S - Data under scrutiny, B - Bad data, H - High permissible limit crossed, L - Low permissible limit crossed, P - Processed Data, V - Corrected Data, D - Delayed Data,R- Analyzer drift

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
01-10-2024 07:10:00	27.06 <					
01-10-2024 15:10:00	27.19 <					
01-10-2024 23:10:00	27.12 <					
02-10-2024 07:10:00	27.02 <					
02-10-2024 15:10:00	27.27 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
02-10-2024 23:10:00	26.87 <					
03-10-2024 07:10:00	27.47 <					
03-10-2024 15:10:00	27.54 <					
03-10-2024 23:10:00	27.58 <					
04-10-2024 07:10:00	27.77 <					
04-10-2024 15:10:00	27.51 <					
04-10-2024 23:10:00	27.69 <					
05-10-2024 07:10:00	27.49 <					
05-10-2024 15:10:00	27.51 <					
05-10-2024 23:10:00	27.48 <					
06-10-2024 07:10:00	27.69 <					
06-10-2024 15:10:00	27.33 <					
06-10-2024 23:10:00	27.03 <					
07-10-2024 07:10:00	27.75 <					
07-10-2024 15:10:00	27.15 <					
07-10-2024 23:10:00	27.23 <					
08-10-2024 07:10:00	27.45 <					
08-10-2024 15:10:00	3.15 <					
08-10-2024 23:10:00	0.00 <					
09-10-2024 07:10:00	18.13 <					
09-10-2024 15:10:00	27.13 <					
10-10-2024 07:10:00	27.72 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
10-10-2024 15:10:00	27.61 <					
10-10-2024 23:10:00	27.07 <					
11-10-2024 07:10:00	27.76 <					
11-10-2024 15:10:00	27.57 <					
11-10-2024 23:10:00	27.02 <					
12-10-2024 07:10:00	26.98 <					
12-10-2024 15:10:00	26.74 <					
13-10-2024 07:10:00	27.57 <					
13-10-2024 15:10:00	26.83 <					
13-10-2024 23:10:00	27.74 <					
14-10-2024 07:10:00	27.51 <					
14-10-2024 15:10:00	26.93 <					
15-10-2024 07:10:00	27.63 < D					
15-10-2024 15:10:00	27.47 < D					
15-10-2024 23:10:00	27.34 < D					
16-10-2024 07:10:00	27.45 <					
16-10-2024 15:10:00	27.39 <					
16-10-2024 23:10:00	27.28 <					
17-10-2024 07:10:00	27.42 <					
17-10-2024 15:10:00	27.43 <					
17-10-2024 23:10:00	27.25 <					
18-10-2024 07:10:00	27.61 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
18-10-2024 15:10:00	27.59 <					
18-10-2024 23:10:00	27.23 <					
19-10-2024 07:10:00	26.76 <					
19-10-2024 15:10:00	26.69 <					
19-10-2024 23:10:00	27.15 <					
20-10-2024 07:10:00	27.31 <					
20-10-2024 15:10:00	27.48 <					
20-10-2024 23:10:00	27.28 <					
21-10-2024 07:10:00	27.81 <					
21-10-2024 15:10:00	27.52 <					
21-10-2024 23:10:00	27.58 <					
22-10-2024 07:10:00	27.44 <					
22-10-2024 15:10:00	27.36 <					
22-10-2024 23:10:00	26.84 <					
23-10-2024 07:10:00	26.75 <					
23-10-2024 15:10:00	27.08 <					
24-10-2024 23:10:00	27.34 < D					
25-10-2024 07:10:00	26.44 < D					
25-10-2024 15:10:00	8.76 < DR					
25-10-2024 23:10:00	0.00 < R					
29-10-2024 23:10:00	0.00 < R					
30-10-2024 07:10:00	0.00 < R					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
30-10-2024 15:10:00	0.00 < R					
30-10-2024 23:10:00	0.00 < R					
31-10-2024 07:10:00	0.00 < R					
31-10-2024 15:10:00	0.00 < R					
31-10-2024 23:10:00	0.00 < R					
01-11-2024 07:10:00	0.00 < R					
01-11-2024 15:10:00	0.00 < R					
01-11-2024 23:10:00	0.00 < R					
02-11-2024 07:10:00	0.00 < R					
02-11-2024 15:10:00	0.00 < R					
02-11-2024 23:10:00	0.00 < R					
03-11-2024 07:10:00	0.00 < R					
03-11-2024 15:10:00	0.00 < R					
03-11-2024 23:10:00	0.00 < R					
04-11-2024 07:10:00	0.00 < R					
04-11-2024 15:10:00	0.00 < R					
04-11-2024 23:10:00	0.00 < R					
05-11-2024 07:10:00	0.00 < R					
05-11-2024 15:10:00	0.00 < R					
05-11-2024 23:10:00	0.00 < R					
06-11-2024 07:10:00	0.00 < R					
06-11-2024 15:10:00	0.00 < R					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
06-11-2024 23:10:00	0.00 < R					
07-11-2024 07:10:00	0.00 < R					
07-11-2024 15:10:00	0.00 < R					
07-11-2024 23:10:00	0.00 < R					
08-11-2024 07:10:00	0.00 < R					
08-11-2024 15:10:00	0.00 < R					
08-11-2024 23:10:00	0.00 < R					
09-11-2024 07:10:00	0.00 < R					
09-11-2024 15:10:00	0.00 < R					
09-11-2024 23:10:00	0.00 < R					
10-11-2024 07:10:00	0.00 < R					
10-11-2024 15:10:00	0.00 < R					
10-11-2024 23:10:00	0.00 < R					
11-11-2024 07:10:00	0.00 < R					
11-11-2024 15:10:00	0.00 < R					
11-11-2024 23:10:00	0.00 < R					
12-11-2024 07:10:00	0.00 < R					
12-11-2024 15:10:00	0.00 < R					
12-11-2024 23:10:00	0.00 < R					
13-11-2024 07:10:00	0.00 < R					
13-11-2024 15:10:00	0.00 < R					
13-11-2024 23:10:00	0.00 < R					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
14-11-2024 07:10:00	0.00 < R					
14-11-2024 15:10:00	0.00 < R					
14-11-2024 23:10:00	0.00 < R					
15-11-2024 07:10:00	0.00 < R					
15-11-2024 15:10:00	0.00 < R					
15-11-2024 23:10:00	0.00 < R					
16-11-2024 07:10:00	0.00 < R					
16-11-2024 15:10:00	0.00 < R					
16-11-2024 23:10:00	0.00 < R					
17-11-2024 07:10:00	0.00 < R					
17-11-2024 15:10:00	0.00 < R					
17-11-2024 23:10:00	0.00 < R					
18-11-2024 07:10:00	0.00 < R					
18-11-2024 15:10:00	0.00 < R					
18-11-2024 23:10:00	0.00 < R					
19-11-2024 07:10:00	0.00 < R					
19-11-2024 15:10:00	0.00 < R					
19-11-2024 23:10:00	0.00 < R					
20-11-2024 07:10:00	5.10 < RD					
20-11-2024 15:10:00	25.25 < D					
20-11-2024 23:10:00	26.19 < D					
21-11-2024 07:10:00	26.17 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
21-11-2024 15:10:00	25.86 <					
21-11-2024 23:10:00	25.23 <					
22-11-2024 07:10:00	25.57 <					
22-11-2024 15:10:00	25.84 <					
22-11-2024 23:10:00	25.36 <					
23-11-2024 07:10:00	25.70 <					
23-11-2024 15:10:00	25.95 <					
23-11-2024 23:10:00	25.34 <					
24-11-2024 07:10:00	25.63 <					
24-11-2024 15:10:00	25.77 <					
24-11-2024 23:10:00	25.36 <					
25-11-2024 07:10:00	25.74 <					
25-11-2024 15:10:00	25.67 <					
25-11-2024 23:10:00	25.29 <					
26-11-2024 07:10:00	25.68 <					
26-11-2024 15:10:00	25.68 <					
26-11-2024 23:10:00	25.18 <					
27-11-2024 07:10:00	25.67 <					
27-11-2024 15:10:00	25.81 <					
27-11-2024 23:10:00	25.30 < D					
28-11-2024 07:10:00	25.37 < D					
28-11-2024 15:10:00	25.96 < D					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
28-11-2024 23:10:00	25.31 < D					
29-11-2024 07:10:00	25.66 < D					
29-11-2024 15:10:00	25.11 <					
29-11-2024 23:10:00	24.96 < D					
30-11-2024 07:10:00	25.34 <					
30-11-2024 15:10:00	26.92 <					
30-11-2024 23:10:00	26.92 <					
01-12-2024 07:10:00	26.94 <					
01-12-2024 15:10:00	26.91 < D					
01-12-2024 23:10:00	26.90 < D					
02-12-2024 07:10:00	26.62 <					
02-12-2024 15:10:00	26.39 <					
02-12-2024 23:10:00	25.97 < D					
03-12-2024 07:10:00	26.18 < D					
03-12-2024 15:10:00	26.31 <					
03-12-2024 23:10:00	25.97 < D					
04-12-2024 07:10:00	26.01 < D					
04-12-2024 15:10:00	26.38 < D					
04-12-2024 23:10:00	26.33 < D					
05-12-2024 07:10:00	26.17 <					
05-12-2024 15:10:00	26.09 < D					
05-12-2024 23:10:00	26.17 < D					

Calender	PM Avg					
Units Range	mg/Nm3 0 - 150					
06-12-2024 07:10:00	26.18 < D					
06-12-2024 15:10:00	26.25 < D					
06-12-2024 23:10:00	26.09 < D					
07-12-2024 07:10:00	26.24 < D					
07-12-2024 15:10:00	25.69 <					
07-12-2024 23:10:00	25.08 < D					
08-12-2024 07:10:00	26.38 <					
08-12-2024 15:10:00	26.91 <					
08-12-2024 23:10:00	26.91 <					
09-12-2024 07:10:00	26.90 <					
09-12-2024 15:10:00	26.96 <					
09-12-2024 23:10:00	26.88 <					
10-12-2024 07:10:00	27.20 <					
10-12-2024 15:10:00	27.03 < D					
10-12-2024 23:10:00	26.93 < D					
11-12-2024 07:10:00	26.70 < D					
11-12-2024 15:10:00	26.78 < D					
11-12-2024 23:10:00	25.90 < D					
12-12-2024 07:10:00	26.19 < D					
12-12-2024 15:10:00	26.31 <					
12-12-2024 23:10:00	25.96 < D					
13-12-2024 07:10:00	26.14 < D					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
14-12-2024 07:10:00	25.86 <					
14-12-2024 15:10:00	25.96 <					
14-12-2024 23:10:00	25.67 <					
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Range	0 - 150					
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Range	0 - 150					
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Units	mg/Nm3					
Range	0 - 150					
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Range	0 - 150					
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Range	0 - 150					
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Units	mg/Nm3					
Range	0 - 150					
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30-03-2025 23:10:00	0.00 < R					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 150					
31-03-2025 07:10:00	0.00 < R					

Report Summary

Average	22.38					
Maximum	27.81					
Minimum	0.00					
Std.Deviation	9.48					
Geom.Mean	26.03					
Median	26.24					
Mode	0.00					
Total Active Duration						

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC019222

VALID FROM 19/11/2022 TO 18/11/2027

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202211000294			
Name of the Owner	RAKESH KUMAR		
Designation **पद**	MANAGER HR & LEGAL	**Company Name** **कंपनी का नाम**	M/s INDIAN POTASH LIMITED DISTILLERY UNIT
Company Address **कंपनी का पता**	ROHANA KALAN,VILL. BAHEDI,MUZAFFARNAGAR	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Rohana Kalan, Vill. Bahedi, P.O. Rohana Mill, Block Charthawal , Muzaffarnagar U.P.	**Application No.**	MZFN1122NIN0141
Date of Submission	10/11/2022	**Specimen Signature**	
Location Particulars			
District	Muzaffar Nagar	**Block**	CHARRTHAVAL
Plot No./Khasra No.	ROHANA KALAN,VILL. BAHEDI,MUZAFFARNAGAR	**Municipality/Corporation**	No
Ward No./Holding No.			N/A
Particular of the Proposed Well and Pumping Device			
Date of Construction/Sinking of the Well	22/11/2022		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	120.00
Purpose of well	Industrial	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	15.00
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	50.00
Date of Energization (In Case of Electric Pump)		28/11/2022	
Maximum Allowable Rate of Withdrawal (m^3/hr.):	50.00	**Maximum Allowable Running Hours Per Day:**	6.00
Maximum Allowable Annual Extraction of Ground Water:	105000	**Recharge Required**	52500.00

- This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at SI. (2) for extraction of ground water at a rate not exceeding that as shown at SI. (3j), for Running Hours per day as shown at SI. (3k), and for maximum allowable annual extraction of ground water as shown at SI. (3k) and is valid subject to the observance of the conditions stated overleaf.
- Holder of this NOC is hereby directed to assure annual recharge of 52500.00 cubic meter, as specified under the application form within the given time period.

GENERAL CONDITIONS:

- Holder of this NOC is hereby directed to fill from 1(A) for registering his/her well within 90 days as mentioned in application form shall only started after registration of his/her NOC.
- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- All Users abstracting ground water in excess of 100 m3/d shall be required to submit impact assessment report prepared by an accredited consultant from CGWA and National Accreditation Board for Education and Training (NABET). The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc. within three months of completion of the same to Ground Water Department Uttar Pradesh. The list of accredited Individuals/ Institutions is available on the official web-portal of CGWA.
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
  - A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
  - Any other site specific requirement regarding safety and access for measurement may be taken care of.
- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:

- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC)/ PHD Chamber of Commerce & Industries / Laghu Udyog Bharati certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**27/11/2022**

Place:**Muzaffar Nagar**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC029021

VALID FROM 19/11/2022 TO 18/11/2027

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202211000293			
Name of the Owner	RAKESH KUMAR		
Designation **पद**	MANAGER HR & LEGAL	**Company Name** **कंपनी का नाम**	M/s INDIAN POTASH LIMITED DISTILLERY UNIT
Company Address **कंपनी का पता**	ROHANA KALAN,VILL. BAHEDI,MUZAFFARNAGAR	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Rohana Kalan, Vill. Bahedi, P.O. Rohana Mill, Block Charthawal , Muzaffarnagar U.P.	**Application No.**	MZFN1122NIN0140
Date of Submission	10/11/2022	**Specimen Signature**	
Location Particulars			
District	Muzaffar Nagar	**Block**	CHARRTHAVAL
Plot No./Khasra No.	ROHANA KALAN,VILL. BAHEDI,MUZAFFARNAGAR	**Municipality/Corporation**	No
Ward No./Holding No.			N/A
Particular of the Proposed Well and Pumping Device			
Date of Construction/Sinking of the Well	20/11/2022		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	120.00
Purpose of well	Industrial	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	15.00
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	50.00
Date of Energization (In Case of Electric Pump)		27/11/2022	
Maximum Allowable Rate of Withdrawal (m^3/hr.):	50.00	**Maximum Allowable Running Hours Per Day:**	6.00
Maximum Allowable Annual Extraction of Ground Water:	105000	**Recharge Required**	52500.00

- This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at SI. (2) for extraction of ground water at a rate not exceeding that as shown at SI. (3j), for Running Hours per day as shown at SI. (3k), and for maximum allowable annual extraction of ground water as shown at SI. (3k) and is valid subject to the observance of the conditions stated overleaf.
- Holder of this NOC is hereby directed to assure annual recharge of 52500.00 cubic meter, as specified under the application form within the given time period.

GENERAL CONDITIONS:

- Holder of this NOC is hereby directed to fill from 1(A) for registering his/her well within 90 days as mentioned in application form shall only started after registration of his/her NOC.
- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- All Users abstracting ground water in excess of 100 m3/d shall be required to submit impact assessment report prepared by an accredited consultant from CGWA and National Accreditation Board for Education and Training (NABET). The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc. within three months of completion of the same to Ground Water Department Uttar Pradesh. The list of accredited Individuals/ Institutions is available on the official web-portal of CGWA.
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
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Date :**01/12/2022**

Place:**Muzaffar Nagar**

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Photographs of Chemical Handling Training

INDIAN POTASH LIMITED, DISTILLERY UNIT ROHANA KALAN

MUZAFFARNAGAR

DISTILLERY PERMANENT EMPLOYEES LIST

S.No.	Employees Name	Father's Name	Designation	D.O.B	D.O.J.	Address
1	Mr. Ramesh Kumar Sharma	Dr. Shyam Kumar Sharma	General Manager	30-06-1972	17-12-2021	B 45, AKSHARDHAM COLONY ROORKEE ROAD MODIPURAM, MAWANA, MEERUT 250110
2	Mr. Mohit Kumar	Shri Chandravir Singh	Sr. Officer(Safety & Environment)	01-07-1986	01-06-2021	VPO Dhindhawali, Post- Titawi, Distt.- Muzaffarnagar 251318
3	Mr. Waseem Ahmad	Mohd Mohsin	Mechanical Maintenance I/c	03-05-1992	22-11-2021	549, BHOOT KHANA,BHULLANSHAH, DEOBAND, SAHARANPUR 247554
4	Mr. Manoj Kumar	Shri Jai Singh	Instrumentation Maintenance I/c	01-10-1976	26-11-2021	VILL & POST- LISARH, SHAMLI 247776
5	Mr. Vivek Pal	Shri Brahmpal Singh	Instrument Mechanic	21-07-1987	26-11-2021	12, VILLAGE DAURALA, DAYANANDPURI DAURALA, MEERUT 250221
6	MR. Rajeev Kumar	Shri Ashok Kumar	Lab Chemist	25-04-1978	07-12-2021	Village & Post- Chokra, Distt. Muzaffarnagar(U.P.
7	Mr. Anuj Kumar	Shri Raghunath Singh	Officer (Ethanol Sales)	12-07-1992	17-01-2022	Village- Murtajapur Bulaki Urf Peda, Bijnor 246701
8	Mr. Vishvajeet Tyagi	Shri Tazendra Tyagi	Junior Officer(Store)	02-12-1994	01-02-2022	Vill & Post- Baheri, Muzaffarnagar 251202
9	Mr. Vivek Kumar Sharma	Shri Virendra Sharma	Electrical Incharge	19-05-1992	10-02-2022	Village & Post Badhai, Muzaffarnagar
10	Mr. Shahzad Ahamad	Shri Meeru Hasan	Distillation Operator	08-08-1986	01-03-2022	Niralsi Urf Kadargarh, Shamli 247772
11	Mr. Mohit Kumar	Shri Om Prakash	Distillation Operator	13-11-1989	04-03-2022	187, Ghanti, Un, Shamli 247778
12	Mr. Rajendra Pal	Shri Ram Singh	Fermentation Operator	01-08-1970	10-03-2022	Sikanderpur Kalan, Muzaffarnagar 251201
13	Mr. Ahsaan Ahmad	Shri Niyaz Ahmad Ansari	Electrician	30-06-1993	14-03-2022	9, Sisai, PO Belha, Balrampur 271201
14	Mr. Mohit Kumar	Shri Satpal	Instrument Technician	10-04-1992	14-03-2022	Village Rahmatpur, Post- Bhopa, Muzaffarnagar 251308
15	Mr. Lokesh Kumar	Shri Pundev	Electrician	01-06-1987	15-03-2022	109, Shekhpura, Khatauli 251201
16	Mr. Mohit Gaur	Shri Omvir Singh	Decanter Operator	08-07-1993	15-03-2022	Village & Post Meerpur, Meerut 250502
17	Mr. Sandeep Kumar	Late Shri Raj Kumar	Instrument Technician	24-07-1987	21-03-2022	Village & Post- Adarsh Colony, Noorpur, Deoband 247554
18	Mr. Pramod Kumar	Shri Mangeram	Fitter	20-09-1980	21-03-2022	House No. 1181, Adersh Colony Tower Wali Gali, Muzaffarnagar 251001
19	Mr. Harminder Singh	Shri Baljor Singh	WTP/PCTP Operator	02-02-1980	21-03-2022	Vill. Mahablipur, Post Charthawal, Muzaffarnagar, 251311
20	Mr. Vipin Kumar Kashyap	Shri Krishanpal	Lab Chemist	20-08-1987	11-04-2022	Ho. No. 791/26/08 Rampuri, Muzaffarnagar
21	Mr. Sanjeev Seth	Late Sh. Hans Raj Seth	Dy. Manager(Warehouse)	22-10-1967	26-06-2023	Railpar Punjab Colony, Shamli(U.P)
22	Mr. Devendra Kumar	Shri Madan Pal	Electrician	02-05-1986	26-06-2023	Vill Saidur Kalan, Post- Badhai Kalan, Muzaffarnagar
23	Mr. Ambuj Choudhary	Shri Pramod Kumar	Distillation Plant Operator	04-09-1997	11-08-2023	Village Salooni, Post- Sarsawa, Distt. Sharanpur
24	Mr. Ravi Saini	Shri Brahamjeet Saini	Fitter	01-01-1991	05-12-2023	Village Bhandoor, Post- Bhikki, Muzaffarnagar
25	Mr. Shadev Kumar	Shri Vinod Kumar Sharma	Multi Effect Evaporator Operator	02-05-1987	14-03-2024	Village & Post Tejalhera, Distt- Muzaffarnagar
26	Mr. Vaibhav Kumar	Shri Upendra Kumar	Lab Chemist	07-10-1999	03-05-2024	251 Alipur Kalan, Distt- Muzaffarnagar
27	Mr. Deepak	Shri Ram Kumar	Instrument Technician	18-10-2000	08-07-2024	Sukh Vihar, Almaspur, Muzaffarnagar
28	Mr. Ravi Kumar	Shri Mainpal	MEE Operator	05-08-1991	20-08-2024	Village & Post- Badhai Khurd, Muzaffarnagar
29	Mr. Ankush Kumar	Shri Samarpal Singh	Distillation Cum Evoprator Operator	04-03-2002	02-09-2024	Village Bhagian, Post- Mangolpura. Bijnor
30	Mr. Abhishek Kumar	Shri. Brijesh Kumar	Fermentation Optt.	26-06-1996	01-10-2024	Village Malakpur Post- Baghpat, Distt. Bagpat 250611

Ramesh Kumar Sharma
General Manager
INDIAN POTASH LTD.
(Distillary Unit)
Rohana Kalan,Muzaffarnagar (U.P.)

Dr. V.S. BENIWAL
Sr. Medical Officer
IPL Rohana Kalan
Reg. No. 30938

आबकारी निरीक्षक
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहना कलां
जिला–मुजफ्फरनगर (उ०प्र०)

सहायक आबकारी आयुक्त
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहनाकला
जिला–मुजफ्फरनगर (उ०प्र०)

संयुक्त आबकारी आयुक्त
अतिरिक्त प्रभार उप आबकारी आयुक्त,
सहारनपुर प्रभार

31	Mr. Shubham Agarwal	Shri Pawan Kumar Agarwal	Warehouse Asstt.	01-08-1992	01-10-2024	Mohalla- Brahamnan, Shiv Chowk, Bijnor 246701
32	Mr. Pradip Kumar	Shri Ram Dayal	Fitter	12-05-1987	11-11-2024	Vill Amki Deep Chandpur, Post Magal, Saharanpur
33	Mr. Arpit Saini	Shri Braham Singh	Shift Incharge	13-10-1997	27-11-2024	B/20 Lakshmi Puram,Modipuram, Meerut
34	Mr. Bhoopender Kumar	Shri Babu Ram	IBR Welder Cum Fitter	07-07-1992	13-12-2024	VILL SEVA JWALAPUR TEHSIL MEERGANJ, POST SHAHI, BAREILLY (U.P.)
35	Mr. Bharat Singh	Shri Satyapal Singh	Asstt. General Manager(Prod.)	05-07-1982	01-02-2025	Vill- Titarwala, Post- Ganjalpur, Bijnor
36	Mr. Pawan	Shri Ganga Dutt	Shift Incharge	10-010-1985	13-02-2025	Vill & Post Ahir Majra(Ganaur), Sonipat Haryana
37	Mr. Lalit Kumar	Shri Lakhan Singh	RO/DM Plant Operator	30-07-1992	21-02-2025	Village Jagaheri, Post Kazikhera, Muzaffarnagar
38	Mr. Devansh Kaushik	Shri. Suresh Chand Sharma	Store Clerk	15-02-1989	06-01-2021	Vill & Post- Sisauli, Muzaffarnagar 251319
39	Mr. Karamveer Singh	Shri. Bhonda Singh	Fitter	10-01-1980	11-03-2022	Village Kamal Nagar, Kukra, Muzaffarnagar 251001
40	Mr. Kapil Kumar Vaidwan	Shri. Mahesh Kumar	SBA	10-08-1992	01-04-2022	Muzaffarnagar
41	Mr. Anuj Kumar	Shri. Mahendra Singh	Ware House Optt.	05-10-1988	01-04-2022	752/2, Saket Colony, Muzaffarnagar
42	Mr. Sokindra Pal	Shri. Nahar Singh	Head Fitter	05-06-1974	25-11-2021	Village Mundbhar, Shamli
43	Mr. Gajendra Yadav	Shri. Ram Avtar	Store Boy	03-06-1986	15-12-2010	09, Krishana Bihar Colony, Tundla, Firozabad, Tundla (U.P.)
44	Mr. Amit Kumar	Shri. Chandra Pal Singh	Electrician	07-03-1978	27-10-2022	Bacchan Singh Colony Gali No. 2, Muzaffarnagar
45	Mr. Manoj Kumar	Shri. Mangal	Electrician	01-01-1984	06-12-2022	Village- Jandhir, Muzaffarnagar
46	Mr. Hariom Sharma	Shri. Janeshwar	Fitter Helper	10-08-1987	16-06-2022	Vill & Post- Kanhaheri, Muzaffarnagar
47	Mr. Aman Shukla	Shri. Rajesh Shukla	Weightmant Clerk	11-11-1998	28-04-2022	Nawli, Gaddipal Pura, Jaitpur, Agra(U.P.) 283114
48	Mr. Goutam Kumar	Shri. Jeet Singh	Fermantation	30-06-1987	22-04-2024	Village Bhandoor, Post Bhikki, Disti- Muzaffarnagar
49	Prabhanshu Chauhan	Shri. Gajendra Sngh	Lab Chemist	15-05-1993	12-11-2024	Sunder Nagar, Rampur Tiraha, Muzaffarnagar
50	Ravi kant Gautam	Sh. Satish Kumar Goutam	SBA	24-04-2001	13-01-2025	Manak Chowk, Manglour, Haridwar

संयुक्त आबकारी आयुक्त
अतिरिक्त प्रभार उप आबकारी आयुक्त,
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सहायक आबकारी आयुक्त
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहनाकला
जिला–मुजफ्फरनगर (उ०प्र०)

INDIAN POTASH LIMITED, DISTILLERY UNIT ROHANA KALAN

MUZAFFARNAGAR

DISTILLERY UNIT GANGOTRI MANPOWER DETAILS JOC & CASUAL

Sr No.	NAME	Father's Name	DESIGNATION	DOB	DOJ	Address
1	Sandeep Kumar	Mahaveer	Driver	02 February 1990	11 April 2022	500, ShahbuddinpurMuzaffarnagar
2	Akshay Kumar	Bhopal Singh Verma	Fitter Helper	30 August 1990	1 April 2022	Alipur Kalan,Lalukher iMuzaffarnagar
3	Ummed Singh	Krishan Kumar	Dm Plant oppt.	05 January 1995	21 May 2021	TEJALHERA Muzaffarnagar
4	Abhishek Sharma	Dharmendra Kumar Sharma	Fitter Helper	21 December 1992	13 April 2022	156 Adrarsh calony Muzaffarnagar
5	Vipin Kumar	Mukesh Kumar	Fitter Helper	01 January 1986	28 April 2022	Makundpur Muzaffarnagar
6	Tusar Tyagi	Dushyant	Decenter Helper	24 October 2002	2 May 2022	Ambehta Muzaffarnagar
7	Deepak Kumar	Gangaram	Fitter	11 August 1997	15 June 2023	Mansurpur Muzaffarnagar
8	Arpit Tyagi	Arvind Kumar	Mee Plant . Helper	10 November 2001	7 July 2022	Rohana Muzaffarnagar
9	Divyansh	Manoj Kumar	CPU Optt	04 June 1995	23 March 2022	Meerapur Khurd Muzaffarnagar
10	Harendra Kumar Pal	Raj Kumar	Helper	01.08.1998	03.02.2024	Adresh Caloni Muzaffarnagar
11	Hariom	Satish	Ware House	30 June 2002	01.02.2024	Shawali Muzaffarnagar
12	Sawan Kumar	Arvind Kumar Tyagi	Fermentation Helper	20 October 1997	2 May 2022	Muzaffarnagar
13	Harsh Kumar	Devendra Singh	Weighment Clerk	01 January 2001	28 April 2022	93s,Kachauli,Kachauli Muzaffarnagar
14	Dravesh Kumar	Narendar Kumar	Purchase Clerk	15 August 1989	8 November 2021	Jat Caloni Sarkular Road Muzaffarnagar
15	Ankit Kumar	Surendra	ME Helper	28 July 1999	1 September 2022	Deoband Sharanpur
16	Prashant	Brijveer Singh	Weighment Clerk	10 January 1990	1 September 2023	Muzaffarnagar
17	Ashok Kumar Tyagi	S.S Tyagi	Ps To Gm	01 July 1961	1 November 2022	Mawana kalan Meerut
18	Sunil Kumar	Khilari Singh	Lab Boy	05 August 1979	21 November 2022	Ghaloli Sharanpur
19	Arjun Singh	Balindar Kumar	ME Optt Hel.	13 March 1992	18.08.23	Akhlore Muzaffarnagar
20	Ankush Kumar	Sudeshpal	Lab Boy	04 December 2000	26 May 2022	Malira Muzaffarnagar
21	Shree Om	Bijendra Singh	Weighment Clerk	12 December 1988	5 October 2023	Doodhli Muzaffarnagar
22	Vikrant Chauhan	Vir Singh Chauhan	Compounder	04 July 1988	1 September 2024	Bulandshar

संयुक्त आबकारी आयुक्त
अतिरिक्त प्रभार उप आबकारी आयुक्त,
सहारनपुर प्रभार

GANGOTRI MANPOWER & SECURITY AGENCY
Authorised Signatory

Ramesh Kumar Sharma
General Manager
INDIAN POTASH LTD.
(Distillary Unit)
Rohana Kalan, Muzaffarnagar (U.P.)

Dr. V.S. BENIWAL
Sr. Medical Officer
IPL Rohana Kalan
Reg. No. 30938

आबकारी निरीक्षक
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहना कलां
जिला–मुजफ्फरनगर (उ0प्र0)

सहायक आबकारी आयुक्त
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहना कलां
जिला–मुजफ्फरनगर (उ0प्र0)

Sr No.	NAME	Father's Name	DESIGNATION	DOB	DOJ	Address
23	Manoj Kumar	Mange Ram	Elect.Helper	25-12-1998	07/05/2022	Pura
24	Ashish Kumar	Dharmendra Singh	Trainee Lab Chemist	16 September 2002	1 January 2024	Simbhalki
25	Tinku Pal	Ramesh Chand	Fitter Helper	1 January 1993	8 January 2024	Khampur
26	Vijay Sharma	Dhramveer	SBA	7 August 1990	3 February 2024	Kolahari
27	Anurag Bhardwaj	Dhanprakash Sharma	ME Helper	25/12/1993	1 March 2024	Rankhandi
28	Jitendra Kumar	Ramesh Chand	Fermentation Helper	12.06.1990	2 March 2024	Rampuri
29	Sachin Kumar	Rajendra Kumar	Fermentation Helper	17.06.1997	2 March 2024	Rasulpur
30	Jony Kumar	Charan Singh	ME Helper	01.04.2001	1 March 2024	Bhadhai Kurdh
31	Ankit Kumar Sharma	Ram Bhajan Sharma	Decenter Helper	24-2-1994	1 March 2024	Rampuri Muzaffarnagar
32	Gagan Agarwal	Devendra Agarwal	Peon	23-02-1998	3 February 2022	Haridwar
33	Nitin Kumar	Rampal Singh	Fireman	9-3-1997	24 June 2024	Rankhandi Saharanpur
34	Abhishek	Satyaveer Singh	Fireman	15/06/2001	24 June 2024	Bhikki Muzaffarnagar
35	Sammlit Kumar	Netr pal	Fireman	10-6-1988	24 June 2024	Rampur Saharanpur
36	Vipin Kumar	Mukesh Kumar	Were House Helper	4-6-1999	1 January 2023	Deoband Sharanpur
37	Raj Kumar	Rajpal	SBA	06/101998	1 February 2025	Ramnagar Khatauli MUZAFFARNAGAR
38	Rishiraj	Phool Singh	Mali	1-1-1974	4-6-2022	Barkali MUZAFFARNAGAR
39	Manoj Kumar	Ilam Chand	Sweeper	01-Jan-1984	17-6-2020	BAHERI MUZAFFARNAGAR
40	Rustam Singh	Feru Singh	Sweeper	1-5-1990	1-1-2023	Bannagar MUZAFFARNAGAR
41	Rajesh	Mahaveer	Mali	1-1-1975	1-7-2023	Barkali MUZAFFARNAGAR
42	Akash	Rakesh Kumar	Sweeper	17-1-1995	1-7-2023	BAHERI MUZAFFARNAGAR
43	Karan	Suresh	Sweeper	26/04/2005	7-5-2024	BAHERI MUZAFFARNAGAR
44	Sanjeev Kumar	Paltu Singh	Mali	1-1-1986	1-8-2024	Barkali MUZAFFARNAGAR
45	Deepak Kumar	Sukhbeer	Mali	5-8-1992	08/082024	BAHERI MUZAFFARNAGAR

17/03/25

संयुक्त आबकारी आयुक्त
अतिरिक्त प्रभार उप आबकारी आयुक्त
सहारनपुर प्रभार

For GANGOTRI MANPOWER & SECURITY AGENCY
Piyush Sharma
Authorised Signatory

Ramesh Kumar Sharma
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जिला–मुजफ्फरनगर (उ०प्र०)

सहायक आबकारी आयुक्त
इण्डियन पोटाश लिमिटेड
डिस्टिलरी यूनिट रोहाना कलां
जिला–मुजफ्फरनगर (उ०प्र०)

Manpower Strength of National Security Services in IPL Distillery Unit, ROHANA KALAN (MUZAFFARNAGAR)

Sl. No.	Name (S/Shri)	Father's name (S/Shri)	DOB	DOJ	Designation	Address
1	Shri Pradeep Kumar Sharma	Sh. Ram kishan Sharma	15.02.1983	01.03.2020	Sr. Security Officer	V & PO- Nanheda Khurd, Post. Bahera, Distt. Saharanpur (UP)
2	" Bijendra Singh	" Ram Singh	01.04.1968	01.03.2023	Security Supervisor	V & PO- Bhora Khurd (Muzaffarnagar
3	" Satish	" Jay pal Singh	30.12.1978	21.01.2025	Security Supervisor	V & PO- Chirouw/Bhora , Distt.- Saharanpur (UP)
4	" Rishipal Singh	" Sarjit Singh	01.07.1967	25.11.2022	Security Supervisor	Mohalla-Mallhupura, Gangarampura, Muzaffarnagar (U.P.)
5	" Pankaj Kumar	" Nakul Singh	25.12.1986	16.02.2020	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
6	" Arjun Nayak	" Raj Kumar	23.01.2003	29.04.2023	Security Guard	V & PO- Rohana Khurd, Distt.-Muzaffarnagar (UP)
7	"Sandeep Sharma	" Shiv dutt Sharma	01.01.1973	27.01.2023	Security Guard	V & PO-Akhlor, Distt.- Muzaffarnagar (UP)
8	"Rajneesh Sharma	" Jagdish Prashad	01.07.1980	05.12.2022	Security Guard	Police Line, Muzaffarnagar (UP)
9	" Dheeraj Kumar	" Suresh Chand	03.08.1983	01.03.2023	Security Guard	V & PO- Rohana Kalan, Distt.- Muzaffarnagar
10	" Jagatsingh	" Rajpal Singh	01.01.1970	27.06.2012	Security Guard	V & PO-Badhai Kala - Distt.- Muzaffarnagar (UP)
11	" Mukesh Kumar	" Tellu Ram	01.01.1988	01.10.2022	Security Guard	V & PO-Rasullpur, Distt.-Saharanpur (UP)
12	" Sudhir Pundir	" Bhim Singh	15.04.1985	24.11.2023	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
13	" Ankit Kumar	" Shishpal	15.08.2002	25.11.2024	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
14	" Kunwarpal Singh	" Tikka Singh	01.02.1966	10.11.2023	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
15	" Devendra Kumar	" Balveer Singh	07.11.1994	29.02.2024	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
16	" Surender Singh	" Sipattar Singh	17.08.1970	15.10.2023	Security Guard	V & PO- Rankhandi, Distt.- Saharanpur (UP)
17	" Lucky Kumar	" Yogendra	20.07.2003	24.11.2024	Security Guard	V & PO- Rohana Khurd, Distt.- Muzaffarnagar
18	" Amit Kumar	" Omveer Singh	01.01.1987	05.11.2024	Security Guard	V & PO-Rasullpur Tak, PO Jaroda Jatt. Distt.-Saharanpur (UP)
19	" Rajat Kumar	" Soraj Singh	20.05.1998	07.11.2024	Security Guard	V & PO- Rohana Khurd, Distt.- Muzaffarnagar (U.P.P

Ramesh Kumar Sharma
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संयुक्त आबकारी आयुक्त
अति0प्रभार उप आबकारी आयुक्त
सहारनपुर प्रभार

सहायक आबकारी आयुक्त
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जिला–मुजफ्फरनगर (उ0प्र0)

Date:08-03-2025

TO WHOM SO EVER IT MAY CONCERN

This is to certify that I have examined 50 (Fifty) employees of M/s Indian Potash Ltd. Distillery Unit Rohana Kalan Distt-Muzaffarnagar (U.P) and found them mentally and physically fit without any contagious disease. List of examined employees for the year 2025-2026, is enclosed.

Dr. V.S. BENIWAL
Sr. Medical Officer
IPL Rohana Kalan
Reg. No. 30938

Date:08-03-2025

TO WHOM SO EVER IT MAY CONCERN

This is to certify that I have examined 64 (Sixty Four) contract labor of M/s Indian Potash Ltd. Distillery Unit Rohana Kalan Distt-Muzaffarnagar (U.P) and found them mentally and physically fit without any contagious disease. List of examined employees for the year 2025-2026, is enclosed.

Dr. V.S. BENIWAL
Sr. Medical Officer
IPL Rohana Kalan
Reg. No. 30938

INDIAN POTASH LIMITED
BIO-REFINERY, ROHANA KALAN, MUZAFFARNAGAR
Safety, Health and Environment Policy

Indian Potash Limited (Distillery Unit) Rohana Kalan, Muzaffarnagar considers the Health, Safety and Welfare of its employees and the Environment to be of prime importance to the company , essential to the operation of its undertaking and management responsivity of equal importance to other aspects of the business e.g., production and quality. As a result, the company is committed to achieving the heights standards of Health, Safety and Environment for all employees and other who may be affected by our Activities e.g., customers , contractors, visitors and public.

This is achieved by:

- **Ensuring that all hazards and risk are identified and properly controlled so that employees and other can be protected from danger and ensuring that injury and ill health are prevented.**
- **Providing adequate financial and physical resources to support the full implementation of the policy.**
- **Ensuring that all person is competent to curry out the duties asked to them, providing information , instructions , supervision , training as per required.**
- **Consulting all employees , safety representative and subcontractors in the development of our policy and encouraging them to participate in and contributes to improvement in the working environment.**
- **As a minimum standard , monitoring , reviewing and complying health , safety and pollution control legislation, regulation and other requirements that are relevant to our operations.**
- **Providing and maintaining safe plant and equipment and a safe working environment.**
- **Taking promote and effective action to address any problems identified through monitoring the implementation of safe working practices and procedures.**
- **Communicating openly with all persons working on behalf of the company in relation to health and safety matters.**
- **Minimising wastes and emissions , reuse and recycle materials and conserve energy and water to minimise our impact to the environment and also adhering to an effected waste management plan in practice at the factory.**

Indian Potash Limited (Distillery Unit) Rohana Kalan, Muzaffarnagar is committed to a protective approach to incident prevention in order to achieve continual improvement in Health, Safety and Environment. Management is responsible for ensuring that all employees understand the effect that good health , safety and environment protection performance can have on improving the company's business performance and their role in achieving the company's aims through the implementation of this policy. All employees are required to understand that they have a duty of care not just for their own safety but also for the health and safety of others.

Updated on 01-10-2021

Dr. P.S. Gahlaut
Managing Director

दैनिक अमर उजाला

खुलासे पर मुख्यमंत्री की मुहर, एसडीएम पर

अमर उजाला ने 23 नवंबर 2016 को किया था इस मामले का खुलासा, बुढ़ाना के एसडीएम कुमार भूपेंद्र को पदावनति कर तहसीलदार ब

अनुज मित्तल

मेरठ। सिवाया स्थित एक कालोनी में जमीन को लेकर हुए खेल और अमर उजाला द्वारा किए गए खुलासे पर अब मुख्यमंत्री योगी आदित्यनाथ ने कड़ा निर्णय लिया है। तत्कालीन एसडीएम जो कि इस समय मुजफ्फरनगर की बुढ़ाना तहसील में एसडीएम कुमार भूपेंद्र की पदावनति कर उन्हें तहसीलदार बनाने का आदेश दिया है।

ये था पूरा मामला

एनएच-58 पर ग्राम सिवाया के पास एक बिल्डर द्वारा वर्ष 2013 में कॉलोनी का निर्माण शुरू किया गया। इस दौरान बिल्डर ने सरधना के तत्कालीन एसडीएम को आवेदन पत्र दिया कि उसकी कॉलोनी के बीच में सरकारी पशुचर की जमीन आ रही है। ऐसे में इस जमीन को बिल्डर के नाम कर दिया जाए।

नियमों का उल्लंघन कर सेटिंग

इस आवेदन के बाद तत्कालीन एसडीएम ने जमीन 25 मार्च 2013 को बिल्डर के नाम दर्ज कर दी। नियमानुसार यह मामला शासन के पास प्रस्ताव बनकर जाना था और वहां से दिशा-निर्देश मिलने के बाद जमीन ट्रांसफर होनी थी। जब तत्कालीन डीएम नवदीप रिणवा से शिकायत हुई तो उन्होंने एसडीएम अखंड प्रताप सिंह को हटाकर अरविंद मिश्रा की तैनाती कर दी। अरविंद मिश्रा ने 11 फरवरी 2014 को पूर्व एसडीएम के आदेश निरस्त कर जमीन वापसी के आदेश दिए।

न शासन को रिपोर्ट, न अपील

नियमानुसार अपर आयुक्त के आदेश आने पर एसडीएम सरधना को पूरी रिपोर्ट बनाकर जिलाधिकारी को सौंपनी थी। डीएम के माध्यम से यह मामला शासन में जाता या फिर अपर

अफसर मेहरबान, 30 करोड़ की जमीन बिल्डरों के नाम

तहसील सरधना में हुआ खेल, एनएच-58 पर है चारागाह की जमीन

20,000

23 नवंबर, 2016 के अंक में प्रकाशित समाचार।

अपर आयुक्त के यहां आदेश खारिज

इस मामले में बिल्डरों ने कमिश्नर के यहां अपील दायर की। जिस पर अपर आयुक्त ने अपील स्वीकार करते हुए 27 अगस्त 2014 को एसडीएम अरविंद मिश्रा के आदेश निरस्त करते हुए पूर्व एसडीएम का आदेश बहाल कर दिया।

आयुक्त के आदेश के खिलाफ उच्च न्यायालय या राजस्व परिषद में अपील करनी थी। जहां से फैसला होता। क्योंकि पशुचर या सरकारी जमीन के मामले में तहसील या जिला स्तर से फैसले का अधिकार नहीं है। लेकिन तहसील सरधना के अधिकारी आदेश दबाकर बैठ गए। जब जिलाधिकारी पंकज यादव का ट्रांसफर हुआ और नए डीएम के रूप में जगत राज त्रिपाठी आए, तभी जमीन 11 अगस्त 2016 को बिल्डरों के नाम कर दी।

समाचार प्रकाशित होने पर हुई ए

इस मामले का खुलासा अमर उजाला ने किया तो तत्कालीन डीएम बी. चंद्रकला ने इस पर जांच कराई। जांच में म सही पाए जाने पर बिल्डर सहित तत्कालीन और पूर्व एसडीएम सहित लेखपाल व दो अन्य के खिलाफ सर थाने में एफआईआर दर्ज कराते हुए रिपोर्ट शासन को थी। लेकिन इसके बाद मामला ठंडे बस्ते में चला गया

एक केंद्रीय मंत्री से जुड़ा है मामल

जिस बिल्डर ग्रुप को जमीन दी गई थी, वह एक केंद्री हालांकि पहले केंद्रीय मंत्री का नाम इस बिल्डर ग्रुप में है। ऐसे में माना जा रहा था कि मामला दब जाएगा। लगातार शिकायत के बाद फाइल फिर से तलब हुई व चारागाह आदि की जमीन को लेकर चल रहे मामले कार्रवाई हुई। माना जा रहा है कि इस मामले में अभी कर्मचारियों पर भी गाज गिरना तय है।

एक और मामला मुख्यमंत्री के द

चारागाह की जमीन बिल्डर को देने का एक और मा सामने आया है। यह मामला पल्हैड़ा गांव का है। इस स्तर पर हो चुकी है। लेकिन इसमें अभी तक कोई क मामला भी पिछले दिनों मुख्यमंत्री दरबार में पहुंच चु कार्रवाई होने की चर्चा है।

न्यूज डायरी

महावीर चौक पर चला चेकिंग अभियान

बुढ़ाना। एसपी देहात ने पुलिस बल के साथ कस्बे के महावीर तिराहे पर चेकिंग अभियान चलाया। एसपी देहात सोमवार को शाम करीब पांच बजे कस्बे के महावीर चौक पर पहुंचे। इंस्पेक्टर और सीओ बुढ़ाना भी मौके पर पुलिस बल के साथ पहुंच गए। पुलिस ने कस्बे के महावीर तिराहे पर सघन चेकिंग अभियान चलाया। चेकिंग के दौरान महिला पुलिस कर्मी भी मौजूद रही। इंस्पेक्टर ने बताया कि विभिन्न अनियमितताओं के कारण कई वाहनों का चालान भी किया गया। संवाद

यूट्यूब फिल्म चालबाजी के गाने की हुई शूटिंग

बुढ़ाना। मिशन शक्ति अभियान पर आधारित यूट्यूब की फिल्म चालबाजी के गाने की शूटिंग क्षेत्र के भैसाना गांव के जंगल में हुई। फिल्म के प्रोड्यूसर नसीम कुरैशी ने बताया कि काफी समय की यूट्यूब की यह फिल्म लड़कियों व महिला के साथ छेड़खानी घटनाओं पर आधारित है। फिल्म में महिला सशक्तिकरण पर बल दिया गया है। यह फिल्म जनता को जागरूक करेगी। संवाद

कांवड़ मार्ग पर बाइक गड्ढे में गिरी, चार लोग घायल

चोपा। सिकेड़ा क्षेत्र के गांव मंदौड़ निवासी प्रवेश सोमवार को रिश्ते की दो भाभी रेखा व संगीता और भतीजी तीन साल की अन्नू को लेकर बाइक से घर लौट रहा था। जौली व कटका नहर पुल के बीच पहुंचा, अचानक पहिया सड़क पर बने गड्ढे में गिरने से बाइक अनियंत्रित होकर पलट गई। हादसे में बाइक सवार सभी परिजन सड़क पर गिरकर गंभीर रूप से घायल हो गए। राहगीरों की सूचना पर पहुंची एंबुलेंस ने सभी घायलों को सीएचसी ले जाकर भर्ती कराया, जहां से तीन साल की अन्नू को जिला अस्पताल के लिए रेफर कर दिया गया। संवाद

दो घरों से लाखों का सामान चोरी

मास्टर कॉलोनी में चोरी के बाद बिखरा पड़ा सामान। संवाद

संवाद न्यूज एजेंसी

बुढ़ाना। बेखौफ बदमाशों ने रविवार देर रात मास्टर कॉलोनी में दो घरों से लाखों का कीमती सामान चोरी कर लिया।

कस्बे की मास्टर कॉलोनी निवासी जितेंद्र उर्फ टीटू रविवार को अपनी पत्नी व बच्चों के साथ शादी समारोह में भाग लेने के लिए अपनी रिश्तेदारी में गया हुआ था। घर पर ताला लगा हुआ था। देर रात बदमाश मकान का ताला तोड़कर अंदर घुस गए। बदमाशों ने घर के अंदर रखे अलमारी, बक्सा व संदूक का ताला तोड़ दिया। बदमाशों ने अलमारी के अंदर रखी एक लाख रुपये की नगदी, छह तोला सोने की दो चेन, 500 ग्राम चांदी के जेवरात चुरा लिए। सोमवार को सुबह जितेंद्र कुमार अपनी पत्नी व बच्चों के साथ घर पहुंचा तो हैरान रह गया। घर का ताला टूटा पड़ा था। घर के अंदर सामान बिखरा हुआ था। घटना की सूचना मिलते ही पुलिस भी मौके पर पहुंची तथा घटना के संबंध में जानकारी प्राप्त की। घटना की तहरीर जितेंद्र कुमार ने पुलिस को दी है। दूसरी घटना में बदमाशों ने इसी कॉलोनी के निवासी नरेश चंद शर्मा के मकान को अपना निशाना बनाया। चोरों ने मकान के अंदर घुसकर सबमर्सिबल पंप की मोटर व तांबे का केबल चुरा लिया। एक ही रात में चोरी की दो घटनाओं से मास्टर कॉलोनी व कस्बे में चोरों का आतंक व्याप्त है। इंस्पेक्टर मगन वीर सिंह गिल ने बताया कि पीड़ित की तहरीर पर मुकदमा दर्ज कर लिया गया है।

मिल कर्मचारी पर हमला

चरथावल। अकबरगढ़ में त्रिवेणी शुगर मिल के सुपरवाइजर पर मनोज सैनी ने एक युवक पर हमला कर घायल कर दिया। आरोप है कि सुपरवाइजर पर खेत में सर्वे के दौरान गन्ना का रकबा नहीं बढ़ाने पर गुस्साए किसान ने हमला किया, जिसमें सिर में गंभीर चोटें आई। पीड़ित ने आरोपी के खिलाफ थाने में तहरीर दी। पुलिस ने उसे अस्पताल में भर्ती कराया है। संवाद

पुलिस ने युवक को दबोचा

खतौली। कोतवाली क्षेत्र के गांव चित्तोड़ा पमनावली निवासी भूपेंद्र राणा ने सात अगस्त को मोहल्ला सैनीनगर निवासी आशुतोष उर्फ मिंटू मोतला पर अपने ऑफिस पहुंचकर फिरौती मांगने के आरोप में रिपोर्ट दर्ज कराई थी, तभी से आरोपी आशुतोष फरार चल रहा था। इंस्पेक्टर एचएन सिंह ने बताया कि आरोपी थाने का टॉप-टेन बदमाश भी है, जिसे रविवार देर रात मुठभेड़ के दौरान गगनहर स्थित चांतल कट के पास से गिरफ्तार कर लिया। आरोपी के कब्जे से तमंचा-कारतूस के साथ ही एक संदिग्ध कार भी बरामद की गई है। कार के कागजात न मिलने पर उसे सीज कर दिया गया है। आरोपी से पूछताछ के बाद उसे जेल भेज दिया गया है। संवाद

प्रेमी संग विवाह कर कोतवाली पहुंची युवती

बुढ़ाना। क्षेत्र के एक गांव निवासी 27 वर्षीय युवती अपने ही गांव के दूसरी बिरादरी के युवक से शादी करने के बाद पति संग कोतवाली पहुंच गई। दोनों पति-पत्नी ने अपनी आयु व शादी के सभी दस्तावेज पुलिस को दिखाए। कोतवाली में बयान देने के बाद दोनों वापस चले गए। युवती ने माता ने कोतवाली में बेटी की गुमशुदगी दर्ज करवाई थी।

तहसील क्षेत्र के एक गांव निवासी युवती छह नवंबर को बुढ़ाना आई थी। वह अपने घर नहीं लौटी। युवती की माता ने कोतवाली में बेटी की गुमशुदगी की रिपोर्ट दर्ज करवाई। जांच अधिकारी जयवीर सिंह ने बताया कि युवती अपने प्रेमी के साथ फरार हो गई थी। दोनों प्रेमी युगल एक ही गांव के रहने वाले हैं। युवती व युवक दोनों अलग-अलग बिरादरी के हैं। पुलिस ने बताया कि दोनों ने अंतरजातीय विवाह कर लिया है। विवाह के बाद फरार हुई युवती अपने प्रेमी पति के साथ सोमवार को कोतवाली पहुंची। दोनों ने अपनी आयु व विवाह के दस्तावेज पुलिस को दिखाए। युवती ने पुलिस को बताया कि वे दोनों बालिग हैं। उन्होंने अपनी मर्जी से विवाह किया है। जांच अधिकारी ने बताया कि बयान देने के बाद दोनों प्रेमी युगल पति-पत्नी चले गए। संवाद

कार्यालय नगर पंचायत बुढाना, मुजफ्फरनगर

पत्रांक –437/न0पं0बु0/2020–21 दिनांक–23.11.2020

विज्ञापन विनियमन व नियंत्रण उपविधि वर्ष 2020 संशोधन सूचना

इस कार्यालय के पत्रांक 19/न0पं0बु0/2018–19 दिनांक 08.01.2019 के द्वारा नगर पालिका अधिनियम 1916 (2) की धारा 296(2) सूची–1 एच0एफ0 के अधीन नगर पंचायत, बुढाना, जनपद मुजफ्फरनगर ने अपनी सीमा के अन्तर्गत विज्ञापन सम्बन्धी उपनियम बनाये जाने के पश्चात उनका प्रकाशन समाचारपत्र अमर उजाला व हिन्दुस्तान मेरठ के अंक दिनांक 10.01.2019 को उपनियमों के सम्बन्ध में आपत्ति एवं सुझाव प्रकाशन की तिथि से 30 दिन के भीतर आमन्त्रित किये जाने के उद्देश्य से कराया गया था। नियत अवधि मे प्राप्त आपत्तियों का निस्तारण किये जाने के पश्चात पुनः समाचारपत्र हिन्दुस्तान व पश्चिम ज्योति के अंक दिनांक 17.10.2019 मे नगरपालिका अधिनियम 1916 की धारा 142 के अधीन प्रकाशन कराकर धारा 143 के अन्तर्गत 30 दिवस के भीतर आपत्तियाँ एवं सुझाव आमन्त्रित करने हेतु प्रकाशित कराई गई थी। नियत अवधि में कोई आपत्ति एवं सुझाव नगर पंचायत कार्यालय मे प्राप्त नहीं हुई थी। अपरिहार्य कारणों से उक्त उपविधि का प्रकाशन सरकारी गजट में नहीं हो पाया था। वित्तीय वर्ष परिवर्तित हो जाने के कारण उक्त उपविधि को सरकारी गजट मे प्रकाशित कराये जाने से पूर्व संशोधित किया गया है। अतः उक्त उपविधि को "विज्ञापन विनियमन व नियंत्रण नियमावली वर्ष 2019" के स्थान पर "विज्ञापन विनियमन व नियंत्रण उपविधि वर्ष 2020" पढ़ा जाये।

(ओम गिरि)
अधिशासी अधिकारी
नगर पंचायत बुढाना

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दैनिक जनवाणी

सार संक्षेप

पुलवामा में ग्रेनेड से हमला 12 नागरिक घायल

श्रीनगर। जम्मू कश्मीर के पुलवामा जिले में बुधवार को सुरक्षा बलों के एक दल पर आतंकवादियों द्वारा किए गए ग्रेनेड हमले में 12 नागरिक घायल हो गए। यह जानकारी पुलिस ने दी। पुलिस के एक अधिकारी ने बताया यह घटना पुलवामा के काकपोरा इलाके में हुई। उन्होंने कहा कि ग्रेनेड का निशाना चूक गया और ग्रेनेड सड़क पर फट गया। अधिकारी ने बताया कि विस्फोट में 12 नागरिक छर्रे लगने से घायल हो गए। उन्होंने बताया कि घायलों को एक नजदीकी अस्पताल ले जाया गया। अधिकारी ने कहा कि इस क्षेत्र की घेराबंदी कर ली गई है और हमलावरों को पकड़ने के लिए एक अभियान शुरू किया है।

शराब पीने से तीन की मौत का मामला, तीन पुलिसकर्मी निलंबित

फिरोजाबाद। जनपद के शेखपुरा में मंगलवार को शराब सेवन से हुई मौत के मामले में वरिष्ठ पुलिस अधीक्षक सचिंद्र पटेल ने थानाध्यक्ष सहित तीन पुलिसकर्मियों को निलंबित कर दिया है। वरिष्ठ पुलिस अधीक्षक कार्यालय से मिली जानकारी के अनुसार खैरगढ़ के थानाध्यक्ष मुस्तकीम अली, एसआई विजेंद्र सिंह एवं कॉन्स्टेबल संजीव कुमार को तत्काल प्रभाव से निलंबित कर दिया गया है। गौरतलब है कि जिले के थाना खैरगढ़ के क्षेत्र शेखपुरा में मंगलवार को तीन व्यक्तियों की शराब सेवन से मौत हो गयी थी। पुलिस अधीक्षक (ग्रामीण) राजेश कुमार ने मंगलवार को बताया था कि थाना खैरगढ़ के क्षेत्र शेखपुरा निवासी 30 वर्षीय नबी चंद एवं 32 वर्षीय संजय उर्फ संजू यादव आपस में रिश्ते में चाचा भतीजे लगते हैं। परिजनों के अनुसार इन दोनों ने सोमवार शाम को शराब पी थी और मंगलवार सुबह इनकी हालत बिगड़ी और बाद में इनकी मौत हो गई थी। उन्होंने बताया कि परिजनों ने दिल का दौरा पड़ने से मौत की बात बताई थी। मंगलवार को एक अन्य व्यक्ति अवधेश की भी मौत हो गई थी।

योगी ने दी छठ की बधाई

मुख्यमंत्री ने की छठ पर्व घर पर ही मनाने की अपील

● लखनऊ, भाषा

उत्तर प्रदेश के मुख्यमंत्री योगी आदित्यनाथ ने राज्य की जनता को छठ पर्व की बधाई दी है। उन्होंने अपने बधाई संदेश में कहा कि प्रकृति के प्रति वंदनीय भाव के प्रतीक लोक आस्था के महापर्व छठ पूजा के प्रथम व्रत नहाए-खाए की आप सभी को शुभकामनाएं। इसके साथ ही मुख्यमंत्री ने पूर्व के त्योहारों की भांति छठ पर्व भी घर पर ही मनाने की अपील की। उन्होंने कहा कि कोरोना वायरस अभी पूरी तरह समाप्त नहीं हुआ है बल्कि कमजोर हुआ है। बचाव ही इसका सर्वोत्तम उपाय है।

योगी आदित्यनाथ ने बुधवार को ट्वीट कर कहा कि प्रकृति के प्रति वंदनीय भाव के प्रतीक, लोक आस्था के महापर्व छठ पूजा के प्रथम व्रत नहाए-खाए की आप सभी को शुभकामनाएं। कोरोना अभी पूरी तरह समाप्त नहीं हुआ है, कमजोर हुआ है। बचाव ही सर्वोत्तम उपाय है। पूर्व के त्योहारों की भांति छ्ठ भी घर पर ही मनाने का प्रयास करें। जय छठी मईया। एक सरकारी प्रवक्ता के मुताबिक छठ पूजा के अवसर पर घाटों

पर कड़ी सुरक्षा व्यवस्था किए जाने के साथ ही महिलाओं को यह पर्व घर पर मनाने के संबंध में प्रेरित करने के निर्देश दिए गए हैं। इसके अलावा घाटों के किनारे पारंपरिक स्थानों पर अर्घ्य दिए जाने के समुचित प्रबंध किए जाने के साथ ही पानी के बहाव के समुचित प्रबंध किए जाने के भी निर्देश दिए गए हैं। घाटों पर निगरानी के लिए सीसीटीवी कैमरे लगाने के निर्देश भी दिए गए हैं।

सहायक अध्यापकों की भर्ती मामले में न्यायालय के निर्णय का स्वागत

लखनऊ, भाषा: उत्तर प्रदेश के मुख्यमंत्री योगी आदित्यनाथ ने सहायक अध्यापकों की भर्ती के प्रकरण में सर्वोच्च न्यायालय के निर्णय का स्वागत किया है। उन्होंने कहा कि उत्तर प्रदेश सरकार के निर्णय पर सर्वोच्च न्यायालय ने अपनी मुहर लगाई है। एक सरकारी बयान के मुताबिक मुख्यमंत्री ने कहा कि ऐसे शिक्षामित्र जिन्हें मौका नहीं मिला है, उनको राज्य सरकार द्वारा एक और अवसर दिया जाएगा। उन्होंने बेसिक शिक्षा विभाग को निर्देशित किया है कि शीघ्र ही भारत निर्वाचन आयोग की अनुमति लेकर सहायक अध्यापक के पद पर चयनित अभ्यर्थियों को नियुक्ति पत्र जारी करें। इससे पहले उच्चतम न्यायालय ने उत्तर प्रदेश सरकार को मई में घोषित परिणामों के आधार पर सहायक बेसिक शिक्षकों के 69,000 रिक्त पदों पर भर्ती करने की बुधवार को अनुमति दे दी।

भाजपा की गलत नीतियों से बर्बाद हुई कृषि अर्थव्यवस्था : अखिलेश

लखनऊ, भाषा: समाजवादी पार्टी (सपा) के

राष्ट्रीय अध्यक्ष एवं उत्तर प्रदेश के पूर्व मुख्यमंत्री अखिलेश यादव ने बुधवार को सत्तारूढ़ भाजपा पर कृषि अर्थव्यवस्था को बर्बाद करने का आरोप लगाया। अखिलेश ने यहां एक बयान में आरोप लगाया कि किसान प्राकृतिक आपदा से ज्यादा सरकारी रवैये से संकट में है और भाजपा की नीतियों से कृषि की अर्थव्यवस्था पूरी तरह बर्बाद हो गई है। उन्होंने आरोप लगाया कि किसानों की कर्ज माफी, उनकी आय दोगुनी करने तथा उपज की उत्पादन लागत का डेढ़ गुना दाम देने के 'झूठे' वादों से उनके वोट ले लिए और फिर कारपोरेट के पास उन्हें बंधक बनाने की साजिश को अंजाम दे दिया। अखिलेश ने आरोप लगाया कि आज बेमौसम बरसात और धान की खरीद में भ्रष्टाचार के चलते किसान बदहाली में हैं और सरकार उनके प्रति असंवेदनशील व्यवहार कर रही है। ऐसे में किसान आत्महत्या नहीं करें तो क्या करें?

रेवाड़ी में 12 सरकारी स्कूलो कोरोना संक्रमित, स्कूल दो

रेवाड़ी, एजेंसी: दिल्ली-एनसीआर के साथ ही हरि से बढ़ते जा रहे हैं। रेवाड़ी जिले में बुधवार को 12 सरक संक्रमित पाए जाने से हड़कंप मच गया है। इसके बाद ऐ को दो सप्ताह के लिए बंद कर दिया गया है।

हरियाणा के शिक्षा मंत्री कंवर पाल गुर्जर ने कहा। के मामले सामने आए थे, उन्हें दो सप्ताह के लिए बंद और सोशल डिस्टेंसिंग के मानदंडों का कड़ाई से पाल 19 के कारण पूरा सिस्टम बंद नहीं रह सकता। इस दौ किया जाएगा। नोडल अधिकारी ने कहा कि त्योहार होता है और लोग एक-दूसरे से मिलते हैं, इसलिए का टेस्ट किया था, जिनमें से 72 छात्र संक्रमित पाए ग पर अंकुश लगाने के लिए छात्रों का टेस्ट आगे भी जा

इससे पहले मंगलवार को जींद में भी 11 स्कूलों लोग कोरोना पॉजिटिव पाए गए थे। जींद के के स्वास्थ्य स्वास्थ्य टीमें सैंपलिंग के लिए रोजाना स्कूलों का दौरा के सभी स्कूलों में सैंपलिंग पूरी कर लेंगे।

विकास दुबे केस : 173 फाइलें गायब

एसआईटी रिपोर्ट पर कार्रवाई शुरू

● कानपुर, एजेंसी

यूपी के मोस्ट वांटेड हिस्ट्रीशीटर विकास दुबे समेत असलहा लाइसेंस की 173 फाइलें कलेक्ट्रेट के रिकॉर्ड रूम से गायब हैं। एसआईटी रिपोर्ट में इस मामले का खुलासा होने के बाद एसीएम द्वितीय के पेशकार और तत्कालीन सहायक शस्त्र लिपिक को चार्जशीट दी गई है। पेशकार के खिलाफ कोतवाली थाने में रिपोर्ट भी दर्ज कराई जा चुकी है। एसआईटी ने विकास दुबे के असलहा लाइसेंस की फाइल तलब की तो खोजबीन शुरू की तो यह पता चला कि यहां तो कई फाइलें गायब हैं। प्रशासन ने तत्कालीन सहायक शस्त्र लिपिक और वर्तमान में एसीएम द्वितीय के पेशकार विजय रावत को नोटिस जारी की। न रिकार्ड मिला और न ही कोई जवाब आया तो रिपोर्ट दर्ज कराई गई। एसआईटी की रिपोर्ट आने के बाद आनन-फानन में जिला

जांच की हो चुकी संस्तुति

फाइल गायब होने के मामले में एसआईटी ने सीबीसीआईडी से जांच कराने की भी संस्तुति की है। जिसे जिला प्रशासन ने डीआईजी को भेजा है। एडीएम सिटी ने बताया कि सीबीसीआईडी जांच की संस्तुति डीआईजी के स्तर से होनी है, इसलिए उनको भेजा गया है।

प्रशासन भी कार्रवाई में जुट गया है। एडीएम सिटी अतुल कुमार ने बताया कि पेशकार को चार्जशीट दी गई है। फाइल गायब होने में उसकी लापरवाही मानी गई है। जवाब आते ही अब कार्रवाई होगी। पुलिस की कार्रवाई अलग चल रही है।

विकास दुबे समेत उसके परिजन व करीबियों ने फर्जी दस्तावेज और जानकारी छुपाकर असलहा लाइसेंस पास कराया था।

मेरी हत्या कराना चाहती है सरकार: मिश्रा

'बाहुबली' विजय मिश्रा ने अधिकारियों पर लगाया साजिश रचने का आरोप

मिर्जापुर, एजेंसी: भदोही की ज्ञानपुर सीट से विधायक विजय मिश्रा ने कहा है कि योगी सरकार हमारी हत्या कराना चाहती है। यही नहीं, उन्होंने भदोही पुलिस प्रशासन और अधिकारियों पर पैसा लेकर साजिश रचने का आरोप लगाया। विधायक विजय मिश्रा की बुधवार को मिर्जापुर कोर्ट में रंगदारी के मामले में पेशी थी। भारी सुरक्षा व्यवस्था के बीच उनको आगरा जेल से मिर्जापुर लाया गया था।

जानकारी के मुताबिक विंध्याचल के पूर्व प्रसाद अवनीश मिश्रा ने बाहुबली विधायक पर

रंगदारी मांगने का मुकदमा दर्ज कराया था। इसी मामले में बुधवार को आगरा से विधायक विजय मिश्रा को मिर्जापुर भारी सुरक्षा व्यवस्था के बीच लाया गया। उन्हें पुलिस लाइन में रखा गया था। वहां से कचहरी में कोर्ट लाया गया, जहां पर उनकी पेशी हुई। कोर्ट से बाहर निकलने के बाद विजय मिश्रा ने कहा कि प्रदेश सरकार मेरी हत्या कराना चाहती है।

इकबाल मिर्ची की 500 करोड़ रुपये की संपत्ति कुर्क

नई दिल्ली, भाषा: प्रवर्तन निदेशालय (ईडी) ने बुधवार को कहा कि मृत गैंगस्टर इकबाल मिर्ची की मुंबई में स्थित लगभग 500 करोड़ रुपये की संपत्ति को तस्करों, विदेशी मुद्रा की हेरफेर करने वालों और मादक पदार्थों से संबंधित दो केन्द्रीय कानूनों के तहत कुर्क कर लिया गया है। एजेंसी ने कहा कि मिर्ची की मुंबई के वर्ली इलाके में स्थित राबिया मेंशन, मरियम लॉज और सी व्यू नामक संपत्तियों को कुर्क किया गया है। मिर्ची को मादक पदार्थों की तस्करी और जबरन वसूली मामलों में वैश्विक आतंकवादी दाउद इब्राहिम का कथित रूप से दाहिना हाथ बताया जाता था।

ईडी ने मिर्ची और उसके सहयोगियों के खिलाफ सबूत एकत्रित किए थे, जिनके आधार पर तस्करों एवं विदेशी मुद्रा हेरफेर अधिनियम (सफेमा) और स्वापक नियंत्रण एवं मनः प्रभावी पदार्थ (एनडीपीएस) अधिनियम ने नौ नवंबर को संपत्ति कुर्क करने का आदेश जारी किया था। सक्षम प्राधिकारण एसएएफईएमए और एनडीपीएस के तहत दायर मामलों पर निर्णय लेता है। ईडी ने एक बयान में कहा कि आदेश के अनुसार उन संपत्तियों से संबंधित सभी हस्तांतरणों और लेन-देन को अमान्य घोषित किया गया है। धन शोधन निवारण

दैनिक अमर उजाला

खुलासे पर मुख्यमंत्री की मुहर, एसडीएम पर

अमर उजाला ने 23 नवंबर 2016 को किया था इस मामले का खुलासा, बुढ़ाना के एसडीएम कुमार भूपेंद्र को पदावनति कर तहसीलदार ब

अनुज मित्तल

मेरठ। सिवाया स्थित एक कालोनी में जमीन को लेकर हुए खेल और अमर उजाला द्वारा किए गए खुलासे पर अब मुख्यमंत्री योगी आदित्यनाथ ने कड़ा निर्णय लिया है। तत्कालीन एसडीएम जो कि इस समय मुजफ्फरनगर की बुढ़ाना तहसील में एसडीएम कुमार भूपेंद्र की पदावनति कर उन्हें तहसीलदार बनाने का आदेश दिया है।

ये था पूरा मामला

एनएच-58 पर ग्राम सिवाया के पास एक बिल्डर द्वारा वर्ष 2013 में कॉलोनी का निर्माण शुरू किया गया। इस दौरान बिल्डर ने सरधना के तत्कालीन एसडीएम को आवेदन पत्र दिया कि उसकी कॉलोनी के बीच में सरकारी पशुचर की जमीन आ रही है। ऐसे में इस जमीन को बिल्डर के नाम कर दिया जाए।

नियमों का उल्लंघन कर सेटिंग

इस आवेदन के बाद तत्कालीन एसडीएम ने जमीन 25 मार्च 2013 को बिल्डर के नाम दर्ज कर दी। नियमानुसार यह मामला शासन के पास प्रस्ताव बनकर जाना था और वहां से दिशा-निर्देश मिलने के बाद जमीन ट्रांसफर होनी थी। जब तत्कालीन डीएम नवदीप रिणवा से शिकायत हुई तो उन्होंने एसडीएम अखंड प्रताप सिंह को हटाकर अरविंद मिश्रा की तैनाती कर दी। अरविंद मिश्रा ने 11 फरवरी 2014 को पूर्व एसडीएम के आदेश निरस्त कर जमीन वापसी के आदेश दिए।

न शासन को रिपोर्ट, न अपील

नियमानुसार अपर आयुक्त के आदेश आने पर एसडीएम सरधना को पूरी रिपोर्ट बनाकर जिलाधिकारी को सौंपनी थी। डीएम के माध्यम से यह मामला शासन में जाता या फिर अपर आयुक्त के आदेश के खिलाफ उच्च न्यायालय या राजस्व परिषद में अपील करनी थी। जहां से फैसला होता। क्योंकि पशुचर या सरकारी जमीन के मामले में तहसील या जिला स्तर से फैसले का अधिकार नहीं है। लेकिन तहसील सरधना के अधिकारी आदेश दबाकर बैठ गए। जब जिलाधिकारी पंकज यादव का ट्रांसफर हुआ और नए डीएम के रूप में जगत राज त्रिपाठी आए, तभी जमीन 11 अगस्त 2016 को बिल्डरों के नाम कर दी।

23 नवंबर, 2016 के अंक में प्रकाशित समाचार।

अपर आयुक्त के यहां आदेश खारिज

इस मामले में बिल्डरों ने कमिश्नर के यहां अपील दायर की। जिस पर अपर आयुक्त ने अपील स्वीकार करते हुए 27 अगस्त 2014 को एसडीएम अरविंद मिश्रा के आदेश निरस्त करते हुए पूर्व एसडीएम का आदेश बहाल कर दिया।

समाचार प्रकाशित होने पर हुई ए

इस मामले का खुलासा अमर उजाला ने किया तो तत्‍... डीएम बी. चंद्रकला ने इस पर जांच कराई। जांच में... सही पाए जाने पर बिल्डर सहित तत्कालीन और पूर्व एसडीएम सहित लेखपाल व दो अन्य के खिलाफ सर... थाने में एफआईआर दर्ज कराते हुए रिपोर्ट शासन को ... थी। लेकिन इसके बाद मामला ठंडे बस्ते में चला गया।

एक केंद्रीय मंत्री से जुड़ा है मामल

जिस बिल्डर ग्रुप को जमीन दी गई थी, वह एक केंद्री... हालांकि पहले केंद्रीय मंत्री का नाम इस बिल्डर ग्रुप में ... है। ऐसे में माना जा रहा था कि मामला दब जाएगा। लगातार शिकायत के बाद फाइल फिर से तलब हुई ... व चारागाह आदि की जमीन को लेकर चल रहे ... कार्रवाई हुई। माना जा रहा है कि इस मामले में अभी कर्मचारियों पर भी गाज गिरना तय है।

एक और मामला मुख्यमंत्री के द

चारागाह की जमीन बिल्डर को देने का एक और मा... सामने आया है। यह मामला पल्हैड़ा गांव का है। इस... स्तर पर हो चुकी है। लेकिन इसमें अभी तक कोई क... मामला भी पिछले दिनों मुख्यमंत्री दरबार में पहुंच चु... कार्रवाई होने की चर्चा है।

न्यूज डायरी

महावीर चौक पर चला चेकिंग अभियान

बुढ़ाना। एसपी देहात ने पुलिस बल के साथ कस्बे के महावीर तिराहे पर चेकिंग अभियान चलाया। एसपी देहात सोमवार को शाम करीब पांच बजे कस्बे के महावीर चौक पर पहुंचे। इंस्पेक्टर और सीओ बुढ़ाना भी मौके पर पुलिस बल के साथ पहुंच गए। पुलिस ने कस्बे के महावीर तिराहे पर सघन चेकिंग अभियान चलाया। चेकिंग के दौरान महिला पुलिस कर्मी भी मौजूद रही। इंस्पेक्टर ने बताया कि विभिन्न अनियमितताओं के कारण कई वाहनों का चालान भी किया गया। संवाद

यूट्यूब फिल्म चालबाजी के गाने की हुई शूटिंग

बुढ़ाना। मिशन शक्ति अभियान पर आधारित यूट्यूब की फिल्म चालबाजी के गाने की शूटिंग क्षेत्र के भैंसाना गांव के जंगल में हुई। फिल्म के प्रोड्यूसर नसीम कुरैशी ने बताया कि कम समय की यूट्यूब की यह फिल्म लड़कियों व महिला के साथ छेड़खानी घटनाओं पर आधारित है। फिल्म में महिला सशक्तिकरण पर बल दिया गया है। यह फिल्म जनता को जागरूक करेगी। संवाद

कांवड़ मार्ग पर बाइक गड्ढे में गिरी, चार लोग घायल

सोपा। सिकेड़ा क्षेत्र के गांव मंदौड़ निवासी प्रवेश सोमवार को रिश्ते की ... भाभी रेखा व संगीता और भतीजी तीन साल की अन्नू को लेकर बाइक से घर लौट रहा था। जौली व काटका नहर पुल के बीच पहुंचा, अचानक पहिया सड़क पर बने गड्ढे में गिरने से बाइक अनियंत्रित होकर पलट गई। हादसे में बाइक सवार सभी परिजन सड़क पर गिरकर गंभीर रूप से घायल हो गए। राहगीरों की सूचना पर पहुंची एंबुलेंस ने सभी घायलों को सीएचसी से जाकर भर्ती कराया, जहां से तीन साल की अन्नू को जिला अस्पताल के लिए रेफर कर दिया गया। संवाद

दो घरों से लाखों का सामान चोरी


मास्टर कॉलोनी में चोरी के बाद बिखरा पड़ा सामान। संवाद

संवाद न्यूज एजेंसी

बुढ़ाना। बेखौफ बदमाशों ने रविवार देर रात मास्टर कॉलोनी में दो घरों से लाखों का कीमती सामान चोरी कर लिया।

कस्बे की मास्टर कॉलोनी निवासी जितेंद्र उर्फ टीटू रविवार को अपनी पत्नी व बच्चों के साथ शादी समारोह में भाग लेने के लिए अपनी रिश्तेदारी में गया हुआ था। घर पर ताला लगा हुआ था। देर रात बदमाश मकान का ताला तोड़कर अंदर घुस गए। बदमाशों ने घर के अंदर रखे अलमारी, बक्शा व संदूक का ताला तोड़ दिया। बदमाशों ने अलमारी के अंदर रखी एक लाख रुपये की नगदी, छह तोला सोने की दो चेन, 500 ग्राम चांदी के जेवरात चुरा लिए। सोमवार को सुबह जितेंद्र कुमार अपनी पत्नी व बच्चों के साथ घर पहुंचा तो हैरान रह गया। घर का ताला टूटा पड़ा था। घर के अंदर सामान बिखरा हुआ था। घटना की सूचना मिलते ही पुलिस भी मौके पर पहुंची तथा घटना के संबंध में जानकारी प्राप्त की। घटना की तहरीर जितेंद्र कुमार ने पुलिस को दी है। दूसरी घटना में बदमाशों ने इसी कॉलोनी के निवासी नरेश चंद शर्मा के मकान को अपना निशाना बनाया। चोरों ने मकान के अंदर घुसकर सबमर्सिबल पंप की मोटर व तांबे का केबल चुरा लिया। एक ही रात में चोरी की दो घटनाओं से मास्टर कॉलोनी व कस्बे में चोरों का आतंक व्याप्त है। इंस्पेक्टर मगन वीर सिंह गिल ने बताया कि पीड़ित की तहरीर पर मुकदमा दर्ज कर लिया गया है।

मिल कर्मचारी पर हमला

चरथावल। अकबरगढ़ में त्रिवेणी शुगर मिल के सुपरवाइजर पर मनोज सैनी ने एक युवक पर हमला कर घायल कर दिया। आरोप है कि सुपरवाइजर पर खेत में सर्वे के दौरान गन्ना का रकबा नहीं बढ़ाने पर गुस्साए किसान ने हमला किया, जिसमें सिर में गंभीर चोटें आई। पीड़ित ने आरोपी के खिलाफ थाने में तहरीर दी। पुलिस ने उसे अस्पताल में भर्ती कराया है। संवाद

पुलिस ने युवक को दबोचा

खतौली। कोतवाली क्षेत्र के गांव चित्तोड़ा पमनावली निवासी भूपेंद्र राणा ने सात अगस्त को मोहल्ला सैनीनगर निवासी आशुतोष उर्फ मिंटू मोतला पर अपने ऑफिस पहुंचकर फिरौती मांगने के आरोप में रिपोर्ट दर्ज कराई थी, तभी से आरोपी आशुतोष फरार चल रहा था। इंस्पेक्टर एचएन सिंह ने बताया कि आरोपी थाने का टॉप-टेन बदमाश भी है, जिसे रविवार देर रात मुठभेड़ के दौरान गगनहर स्थित चौतल कट के पास से गिरफ्तार कर लिया। आरोपी के कब्जे से तमंचा-कारतूस के साथ ही एक संदिग्ध कार भी बरामद की गई है। कार के कागजात न मिलने पर उसे सीज कर दिया गया है। आरोपी से पूछताछ के बाद उसे जेल भेज दिया गया है। संवाद

प्रेमी संग विवाह कर कोतवाली पहुंची युवती

बुढ़ाना। क्षेत्र के एक गांव निवासी 27 वर्षीय युवती अपने ही गांव के दूसरी बिरादरी के युवक से शादी करने के बाद पति संग कोतवाली पहुंच गई। दोनों पति-पत्नी ने अपनी आयु व शादी के सभी दस्तावेज पुलिस को दिखाए। कोतवाली में बयान देने के बाद दोनों वापस चले गए। युवती ने माता ने कोतवाली में बेटी की गुमशुदगी दर्ज करवाई थी।

तहसील क्षेत्र के एक गांव निवासी युवती छह नवंबर को बुढ़ाना आई थी। वह अपने घर नहीं लौटी। युवती की माता ने कोतवाली में बेटी की गुमशुदगी की रिपोर्ट दर्ज करवाई। जांच अधिकारी जयवीर सिंह ने बताया कि युवती अपने प्रेमी के साथ फरार हो गई थी। दोनों प्रेमी युगल एक ही गांव के रहने वाले हैं। युवती व युवक दोनों अलग-अलग बिरादरी के हैं। पुलिस ने बताया कि दोनों ने अंतरजातीय विवाह कर लिया है। विवाह के बाद फरार हुई युवती अपने प्रेमी पति के साथ सोमवार को कोतवाली पहुंची। दोनों ने अपनी आयु व विवाह के दस्तावेज पुलिस को दिखाए। युवती ने पुलिस को बताया कि वे दोनों बालिग हैं। उन्होंने अपनी मर्जी से विवाह किया है। जांच अधिकारी ने बताया कि बयान देने के बाद दोनों प्रेमी युगल पति-पत्नी चले गए। संवाद

कार्यालय नगर पंचायत बुढाना, मुजफ्फरनगर

पत्रांक –437/न0पं0बु0/2020–21 — दिनांक –23.11.2020

विज्ञापन विनियमन व नियंत्रण उपविधि वर्ष 2020 संशोधन सूचना

इस कार्यालय के पत्रांक 19/न0पं0बु0/2018–19 दिनांक 08.01.2019 के द्वारा नगर पालिका अधिनियम 1916 (2) की धारा 296(2) सूची–1 एच0एफ0 के अधीन नगर पंचायत, बुढाना, जनपद मुजफ्फरनगर ने अपनी सीमा के अन्तर्गत विज्ञापन सम्बन्धी उपनियम बनाये जाने के पश्चात उनका प्रकाशन समाचारपत्र अमर उजाला व हिन्दुस्तान मेरठ के अंक दिनांक 10.01.2019 को उपनियमों के सम्बन्ध में आपत्ति एवं सुझाव प्रकाशन की तिथि से 30 दिन के भीतर आमन्त्रित किये जाने के उद्देश्य से कराया गया था। नियत अवधि में प्राप्त आपत्तियों का निस्तारण किये जाने के पश्चात पुनः समाचारपत्र हिन्दुस्तान व पश्चिम ज्योति के अंक दिनांक 17.10.2019 में नगरपालिका अधिनियम 1916 की धारा 142 के अधीन प्रकाशन कराकर धारा 143 के अन्तर्गत 30 दिवस के भीतर आपत्तियाँ एवं सुझाव आमन्त्रित करने हेतु प्रकाशित कराई गई थी। नियत अवधि में कोई आपत्ति एवं सुझाव नगर पंचायत कार्यालय में प्राप्त नहीं हुई थी। अपरिहार्य कारणों से उक्त उपविधि का प्रकाशन सरकारी गजट में नहीं हो पाया था। वित्तीय वर्ष परिवर्तित हो जाने के कारण उक्त उपविधि को सरकारी गजट में प्रकाशित कराये जाने से पूर्व संशोधित किया गया है। अतः उक्त उपविधि को "विज्ञापन विनियमन व नियंत्रण नियमावली वर्ष 2019" के स्थान पर "विज्ञापन विनियमन व नियंत्रण उपविधि वर्ष 2020" पढ़ा जाये।

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