

# KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD

(A Government of Karnataka Undertaking)

# 49, 4th & 5th Floors, 'East Wing', Khanija Bhavan, Race Course Road, Bengaluru - 560 001

Phone : 080-22265383 Fax : 080-22267901

Website : www.kiadb.in email: ceoemkiadb@gmail.com

No.KIADB/JDTP/FCN:20456/5693/2021-22

Date: 13/08/2021

To,

**State Level Environment Impact Assessment Authority (SEIAA)**

Room No. 706, 7th Floor,

4th Gate, M. S. Building,

Bengaluru -560001, Karnataka.

Respected Sir/ Madam,

**Subject:** Submission of Half yearly point wise Environmental Compliance report for all the conditions stipulated in the Environmental Clearance issued with respect to Establishment of Doddaballapura Industrial Area, 3rd Phase, KIADB at Obdenahalli Village, Doddaballapura taluk, Bangalore Rural District to an extent of 696.45 Acres.

- Ref.:**
1. ToR issued by SEIAA on 14<sup>th</sup> March 2013.
  2. Environmental Public Hearing held on 11<sup>th</sup> November 2014.
  3. Environmental Clearance reference no.: SEIAA 35 IND 2012 dated 28<sup>th</sup> March 2016.
  4. General Condition imposed in the Environmental Clearance for submission of Half yearly Compliance @ Condition No. 5.

\*\*\*\*\*

With reference to above subject, it is to be informed that SEIAA has issued Environmental Clearance for Establishment of Doddaballapura Industrial Area, 3rd Phase, KIADB at Obdenahalli Village, Doddaballapura taluk, Bangalore Rural District to an extent of 696.45 Acres, after finalizing the ToR issued by SEIAA on 14th March and after conducting the public hearing on 11th November 2014.

In the said Environmental Clearance at the General Condition No. 5, it is stipulated that KIADB has to submit half yearly compliance report to all the conditions stipulated in the EC issued on 28<sup>th</sup> March 2016.

Hence, the detailed point wise compliance report to all the conditions stipulated in the Environmental Clearance issued to Doddaballapura Industrial Area, 3rd Phase is being submitted to SEIAA and the same is attached for your kind perusal and for information.

Kindly acknowledge the same.

Yours faithfully,

Chief Engineer-1  
KIADB, Bengaluru

**Half Yearly Environmental Compliance Report for all the Conditions Stipulated in the Environmental Clearance issued with respect to Establishment of Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District.**

**For**

**KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD (KIADB)**

#49, 4th & 5th Floors, 'East Wing', Khanija Bhavan, Race Course Road,  
Bengaluru – 560001.

**Submission to**

**The APCCF, Regional office,  
Ministry of Environment, Forest and Climate Change (MoEF&CC)**

Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block,  
Bangalore- 560 034.

**Prepared by**

**ROBUST MATERIALS TECHNOLOGY PRIVATE LIMITED**

(A MoEF&CC, DSIR-Recognized | FSSAI, ISO 45001:2018-Certified | NABL-Accredited | Drugs Control  
Department- Approved Company.)

Plot No.94, Thirumala Complex, 2nd Floor, NGEF Layout, Nagarabhavi Main Road,  
Bengaluru - 560 072.

## TABLE OF CONTENTS:

Sl.No.	List of Contents	Page No.
1.0	Project Details.	1
2.0	Location Map.	2
3.0	Half yearly Compliance reports with stipulated EC Conditions.	3-15
4.0	Environmental Monitoring Details:	16-19
4.1	Ambient Air Monitoring reports.	16
4.2	Ambient Noise Monitoring reports.	17
4.3	Surface/ Ground Water Analysis reports.	18
4.4	Soil Analysis reports.	19

## LIST OF ANNEXURES:

Annexure	List of Contents
Annexure-1	Copy of Environmental Clearance.
Annexure-2	“Consent for Establishment” obtained from KSPCB.
Annexure-3	Copy of Newspaper Advertisement.
Annexure-4	Ambient Air Quality Monitoring reports.
Annexure-5	Ambient Noise Quality Monitoring reports.
Annexure-6	Water Quality Monitoring reports.
Annexure-7	Soil Quality Monitoring reports.
Annexure-8	Copy of Public Hearing.

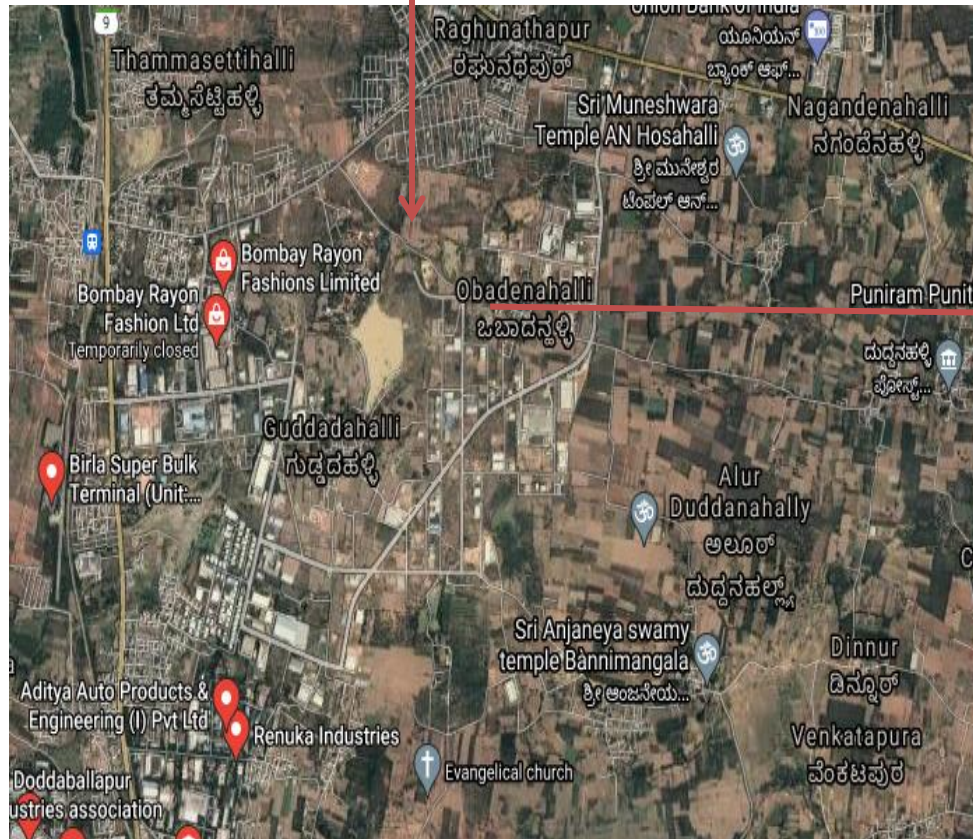
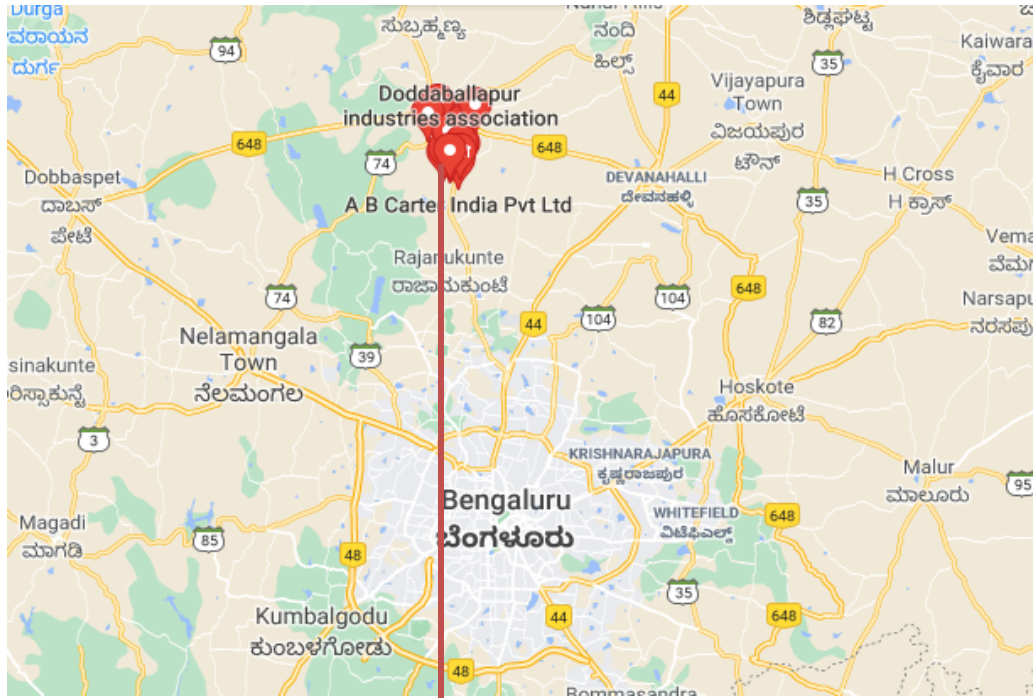


## **1.0. PROJECT DETAILS:**

- 1) Name of the Project:** Establishment of Doddaballapura Industrial Area, 3rd Phase at Arehalliguddadahalli, Varadanahalli, Kolipura, Obadenahalli, Raghunathapura, Sunnaghatta villages of Devanahalli & Doddaballapura Taluk, Bangalore Rural District.
- 2) Environmental Clearance reference no.:** SEIAA 35 IND 2012 dated 28th March 2016.
- 3) Total Plot Area:** 696.45 Acres (281.84 Ha).
- 4) ToR issued:** Issued by SEIAA on 14th March 2013.
- 5) Public Hearing:** Public Hearing held on 11th November 2014.
- 6) Category of Industries:** Orange and Green category.
- 7) Total Water requirement for the Industrial area:** 9 MLD (Domestic: 1.9 MLD + Industrial: 7.1 MLD) will be met by BWSSB.
- 8) Total Wastewater generation:** 7.22 MLD (Domestic effluent: 1.52 MLD + Industrial effluent: 5.7 MLD)
- 9) Total Power requirement:** 49 MW will be sourced from BESCOM.
- 10) Project Cost:** 450 crores.
- 11) Schedule & Category:** 7 (C) & B category
- 12) Address of the Correspondence:**

Chief Development Officer & Chief Engineer,  
Karnataka Industrial Areas Development Board (KIADB),  
#49, 4<sup>th</sup> & 5<sup>th</sup> floors,  
Khanija Bhavan, Race Course road,  
Bengaluru- 560 001.

## 2.0. LOCATION MAP:



**Doddaballapura  
Industrial Area  
(3rd Phase)**

**Fig.1:** Map showing Doddaballapura Industrial Area (3rd Phase).

**3.0. Half Yearly Environmental Compliance Report for all the Conditions Stipulated in the Environmental Clearance issued with respect to Establishment of Doddaballapura Industrial Area, 3<sup>rd</sup> Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District. (Ext-696.45 Acres).**

Sl. No.	CONDITIONS STIPULATED IN THE EC	COMPLIANCE STATUS
<b>A</b>	<b>SPECIFIC CONDITIONS</b>	
<b>I</b>	<b>Construction Phase</b>	
1	"Consent for Establishment" shall be obtained from Karnataka State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Karnataka before start of any construction at the site.	Noted. Consent for Establishment from Karnataka State Pollution Control Board under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, has been obtained on 17 <sup>th</sup> August 2016. Copy has been submitted to SEIAA, Karnataka.
2	Set up an Environment Management cell with appropriate lab facility shall be created as the project starts. It shall monitor all necessary parameters and activities during construction and operational phases from day one. The cell also ensures that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc.	Complied. KIADB has already setup an Environment management cell with necessary facilities and qualified personnel to look after the Environmental aspects to maintain all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt area etc.
3	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.	Complied. All necessary infrastructure facilities and basic sanitary facilities will be provided to the workers in the site during the construction phase of the industrial area.
4	A First Aid room should be provided in each of the three proposal project areas both during construction and operation phase.	Noted.
5	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Noted. All necessary infrastructure facilities and basic sanitary facilities will be provided for all the construction workers during the construction phase. The safe disposal of wastewater and solid wastes generated during the construction phase will be ensured as per the CFE conditions.

6	Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures and facilities. The housing maybe in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.	Complied. Mostly construction labourers/ workers from the surrounding villages will be hired during the construction phase so that it is not required to provide temporary housing and Temporary Labour camps will be provided with basic sanitary facilities and water supply.
7	Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.	Noted. Required infrastructure facility and fuel will be provided to all the labourers for cooking during construction phase.
8	All the labourers to be engaged for constructions should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.	Noted.
9	For dis-infection of wastewater which is not meant for recycling for toilet flushing, use ultraviolet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.	Noted. During the operation phase of the industrial area, individual Industrial units will be advised to adopt these methods wherever possible for water conservation.
10	All the topsoil excavated during the construction activities should be stored for use in horticulture/ landscape development within the project site.	Complied. The topsoil excavated will be used for landscaping, levelling and plantation purposes within the project site.
11	Disposal of muck construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted and complied. The construction debris will be reused / recycled for backfilling and for construction of roads and when necessary the debris is disposed in safe and secure manner as per the Construction and Demolition rules 2016.
12	Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and the reports should be submitted to SEIAA.	Noted. All necessary precautions will be taken to ensure that there is no contamination of soil and ground water.



13	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Noted. All the construction debris generated during the construction phase will be used for filling up of low lying area. However, all the construction and hazardous waste generated during the operation phase of industries will be directed to store in safe and secure manner after carrying out proper segregation of each category of waste and disposed scientifically, to prevent the contamination of the ground water.
14	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Noted. The fuel used in individual DG sets used during construction phase will use low sulphur diesel and it is ensured that air and noise emissions will be within the prescribed norms, so that there was no disturbance created due to operation of DG sets. DG sets with acoustic enclosures only will be used to comply with the norms.
15	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	Complied. All the required Necessary precautions will be taken to store diesel in safe and secure manner, so that there are no accidents or harm to the environment. Individual industries in the notified area are also advised to take necessary precautions and to obtain clearances from competent authority for the safe storage of diesel.
16	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Individual vehicle owners will be directed to keep the hired vehicles in good condition and emission documents will be maintained by the vehicle owner which conforms to the prescribed standards and the workers will be advised to use the vehicles during the non-peak hours as per the guidelines of Honourable High court of Karnataka in WP. No. 1958/2011 (LB-RES-PIL) on 04.12.2012 for different activities involved in construction work.
17	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	Contractor & all the Construction workers at the Project site will be advised to take necessary precautions and measures to reduce the noise and air emission levels, contributed during construction and adequate measures were taken to keep the emission within the stipulated standards.

18	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.	Noted. As far as possible Fly ash should be used as building material during the construction phase. The individual Industrial units will be directed to strictly follow the provisions of Fly ash notification and use the fly ash products for building and construction purposes.
19	Ready mixed concrete must be used in building construction.	Noted.
20	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Noted.
21	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.	Noted.
22	No ground water is to be drawn without permission from the Central/ State Ground Water Authority.	Noted. Necessary permission will be obtained by KIADB for digging the new Borewell from Central Ground Water Authority and no ground water will be drawn without permission from the Central/ State Ground Water Authority. Also during the operation phase, industries will also be informed about the same.
23	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Noted and Industries operating in the area will be informed to provide dual plumbing system wherever possible for efficient use of water.
24	Treatment of 100% grey water by decentralized treatment should be done.	Noted. The issue will not arise during the construction phase, during the operation phase, Individual industries will be treating the wastewater generated in the in-house Wastewater treatment plant installed as per the requirement and it is ensured that the treated water shall meet to prescribed norms notified by competent authority.
25	The provision of Energy Conservation Building code 2006 shall be fully complied with.	Noted and will be adopted wherever possible. During the operation phase, individual industries will be provided directions before allotting the plots, so as to comply with the Energy conservation measures as per ECBC, 2006 and its amendments.

26	Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.	Noted and during the operation phase, Individual industries will adapt wherever possible as per ECBC, 2007 and its amendments.
27	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Noted and during the operation phase, individual industries will be informed to adopt wherever possible.
28	The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.	Complied. Construction materials such as stones, jelly and other construction material will be re obtained from the approved quarries and construction materials shall also be procured from the authorized agencies/traders.
29	The proponent shall obtain approval from the competent authorities for structural safety of the buildings due to earthquake, adequacy of fire fighting equipment's, etc. as per National Building Code including protection measures from lightening etc.	Noted and the same will be informed to the industries before allotment of the plots.
30	The project authority shall ensure that no water bodies are polluted due to project activities.	Noted. As suggested in the EC and industrial plots allotted in the Industrial area will be advised to take care of the water bodies as part of their Corporate Environment Responsibility. No alterations of natural drainage pattern will be done during the Project Construction activities. Sufficient buffer as per eth zoning regulations of local bodies will be kept around the water bodies to prevent pollution of any water body and required area will be left untouched for natural conservation.
31	Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.	Noted and followed.
32	The project Authorities shall ensure that the National Building Code, 2005 is complied with and adhered to.	Noted. Individual industries will also be advised to follow the same as per instructions in NBC, 2005 and its amendments.
33	The project authorities shall not use Kharab land if any, for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land arid shall be afforested and maintained as green belt only.	Agreed. No such land is used by KIADB for the project proposed and green belt is developed wherever possible.

34	The authorities should include the condition while issuing plots to the prospective individual industries that they should develop greenbelt of at least 33 % of the plot area.	Noted and greenbelt is developed as per the EC conditions and the condition will be included in the agreement during the allotment of plots for the projects.
35	The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and KSPCB/CPCB.	Noted. Each industrial unit are advised to comply with the same. All industries shall follow the conditions & norms laid down by the Competent Authority.
36	The project authorities shall strictly adhere to the commitments made with regard to establishment of STP/CETP, buffer zone, green belt, conditions to be incorporated in the lease document while allotting plots to individual industries, environment safety aspects etc.	Agreed and complied as suggested with regard to establishment of STP/CETP, buffer zone, green belt. Each industrial unit was informed about the conditions with laid down with respect to Environment safety and protection and the conditions are incorporated in the lease document as well during the allotment of plots.
37	The project Authorities shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011, (LB - RES - PIL) on 04.12.2012 for different activities involved in construction work.	Noted.
38	The existing water body canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer of 15 meter around maintained under tree cover.	Noted. No alterations are made in case of existing natural drainage patterns, water bodies, rajakaluve etc. and the buffer zone are provided in the required areas.
39	The project authorities shall leave 30 mtrs buffer from the boundary of lake and 15 meters on either side of the channel/nala and other water bodies if, any around shall be free from any permanent structures. The buffer so maintained shall be planted with indigenous tree species such as Neem, Akash Mallige, Mahagony, Honge, Kadamba Ficus, etc. and maintained as green belt.	Noted. It is proposed to develop 15 m green belt all along the boundary of the industrial area. During the construction and development of the industrial area, plantation will be undertaken in a phased manner. Green belt is developed with the local tree and shrub species. Avenue plantation has done along the adjoined roads of the project site. Also individual industrial units are also advised to maintain green belt for 33% of the allotted plot area as applicable.
40	The natural sloping pattern of the project site shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.	Noted. No alterations of natural drainage pattern will be done during the Project Construction activities.



41	Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.	Noted. All the required protective/conservative measures are taken so that there will be no harm to the natural environment which are existing before the project.
42	The project Authority will undertake all relevant measures, as indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area.	Noted. The suggestions/observations and concerns made during the public hearing will be duly considered and all required measures are being taken to improve the socio-economic conditions of the project and surrounding area.
43	The project Authority shall earmarked 2.98 Acres of land for solid waste management within the project area as committed.	Noted.
<b>II Operation Phase</b>		
1	The Project Authority shall implement all the recommendations made in the Environmental Impact Assessment /EMP report and risk assessment report.	Noted and complied with all the recommendations made in the Environmental Management Plan and applicable mitigation measures are adapted wherever required.
2	The installation of the Sewage Treatment Plant (STP)/ Effluent Treatment Plant (ETP) shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Treated effluent emanating from STP/ ETP shall be recycled, reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed. Necessary measures should be made to mitigate the odour problem from STP/ETP.	Noted. ETP and STP of required capacity will be provided in the proposed industrial area. Required land area has already been allotted for establishment of ETP and STP at the site. At present as there are limited number of industries which are generating waste water. Once industrial area is completely occupied by all the industries and there is a sufficient load, the treatment plants will be installed. The industries transporting wastewater to CETP is also less as individual industries have agreed to install in-house STP/ ETP to treat the wastewater generated within the industry. The industries are also advised to adapt Zero Liquid discharge technology wherever possible/ applicable for efficient treatment of wastewater, so that the treated water conform to the norms and standards prescribed by KSPCB/CPCB and also so that there is zero discharge of effluent from the industry & 100% reuse/recycle of the treated water.

3	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Noted. During the construction phase, all the solid wastes generated from construction activity will be collected systematically in a safe and secured manner and will be disposed to authorized vendors/ disposers. Industries are informed to follow the guidelines issued by KSPCB/ CPCB or the local authority.
4	Diesel power generating sets proposed as source of back-up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG-sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Karnataka State Pollution Control Board.	Noted. The fuel used in individual DG sets during construction phase will have low sulphur content and it will be ensured that the air and noise emissions will be within the prescribed norms, so that there was no disturbance created due to use of DG sets. The industries are advised to install Pollution Control Equipment's wherever necessary and acoustic enclosures are provided to DG sets to reduce the environmental pollution (Air and Noise) as per the guidelines of KSPCB/ CPCB. Stack height for DG sets are provided as per CPCB/ KSPCB norms.
5	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noted. Each individual industry will be informed to maintain the noise levels as per the CPCB/KSPCB norms.
6	The project proponent shall ensure development of a minimum of 33% of the project area which shall include the buffer zone and green belt developed by industries. The project authority may undertake compensatory green belt development through avenue plantation in the adjoining roads and in the civic amenity area if there is any shortfall within the project site in the unavoidable circumstances.	Agreed. It is proposed to develop 15 m green belt all along the boundary of the industrial area. Avenue plantation in the adjoining roads can also be seen in the project site and the individual industries have also been advised to do the same in the allotted plot area. Also individual industrial units are also advised to maintain green belt for 33% of the allotted plot area as applicable.
7	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Noted and weep holes will be provided as suggested. Individual industries are advised to do the same.

8	Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5mts. above the highest ground water table.	Noted. The project area and the industries proposed to operate within the area will be informed to provide with rain water harvesting systems and the industries will be advised to adapt pre-treatment facility as per the guidelines set by KSPCB/CPCB. The rainwater recharge well of sufficient capacity will be dug as per the guidelines.
9	The ground water level and its quality should - be monitored regularly in consultation with Central Ground Water Authority.	Noted. Necessary approvals will be obtained from competent authority and CGWA guidelines will be followed to monitor ground water level and its quality. No permission will be provided by KIADB for new Borewell drilling without the prior approval from Central Ground Water Authority.
10	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Noted. Depending on the roadways surrounding the project site and traffic conditions in the proposed area, entry and exit points have been provided and the roads inside the project area will be well built to avoid any kind of traffic congestion. Individual industries are strictly advised to provide parking facilities only in the allotted plot areas and not to use public space.
11	A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc. and submit to the Ministry in three months' time.	Noted.
12	Energy conservation measures- like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	Energy conservation measures will be adopted wherever possible. Necessary safety measures will be taken for the disposal of CFLs and TFLs or any type of waste which can lead to contamination. Solar panels will be used wherever possible. Industries units in the project area will also be advised to do the same.
13	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP/ ETP.	Noted and will be followed. Necessary steps will be taken to prevent odour problem. Individual industries will also be informed to do the same.

14	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Noted and complied as suggested. Individual industries are also advised to do the same.
15	The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. All transportation of Hazardous Chemicals shall be as per the MVA, 1989. Authorization from the KSPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	Noted. Necessary approvals from the competent authority will be obtained for the safe disposal of hazardous waste as per the applicable rules and regulations.
16	The project authorities must strictly comply with rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the KSPCB must be obtained for collection/treatment/ storage/disposal of Hazardous wastes.	Noted. Necessary authorization will be obtained by individual industries and they will be advised to strictly follow the rules and regulations made under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 & Solid Waste Management Rules, 2016. Hazardous wastes will be collected in safe and secure manner and will be disposed to authorized disposers/ recyclers /vendors etc. for safe disposal.
17	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision of solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.	Noted. Solar energy will be used wherever possible for lighting and heating systems and the industries established in the project area will also be advised to use solar energy wherever applicable/possible.
18	The individual industries shall take all necessary clearances including Environment clearance in accordance with the law. The project Authority shall incorporate such condition in the lease/ sale deed/ Agreement.	Noted. Industries will be informed regarding the said condition and the condition will be mentioned in the lease or sale deed while allotting plots to the proposed projects.
19	The project authorities shall bifurcate the industrial plots and residential plots, if any with a thick and tall vegetative green belt.	Noted.
20	The project-Authority shall incorporate a condition in the prospective lease/sale deed/Agreement with individual industries that they also shall abide by the conditions of this E.C.	Noted.

<b>B</b>	<b>GENERAL CONIDITIONS:</b>	
1	The Project authorities shall strictly adhere to the stipulations made by Karnataka State Pollution Control Board (KSPCB).	Noted. All stipulations made by the KSPCB shall be strictly followed.
2	No further expansion or modifications of the industrial area shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be.	Noted. Prior approval will be obtained from the competent authority before any modification or expansion of the project.
3	The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.	Agreed. All protection measures and steps will be taken for Environmental protection.
4	The implementation of the project vis-a-vis environmental action plans shall be monitored by MoEF, Regional office at Bangalore/ KSPCB/CPCB and the Department of Environment & Ecology, Bangalore. A six monthly compliance status report shall be submitted to monitoring agencies.	Noted.
5	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective, Regional Office of MoEF, the respective Zonal Office of and the KSPCB.	Noted and will be complied.
6	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also seen at website of the Authority at <a href="http://seiaa.Kar.nic.in">http://seiaa.Kar.nic.in</a> , <a href="http://seiaa.Karnataka.gov.in">http://seiaa.Karnataka.gov.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of same shall be forwarded to the MoEF Regional office at Bangalore/ KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore.	Noted and complied.
7	The Project authorities shall inform the MoEF, Regional Office, Bangalore/ KSPCB/ CPCB and the department of Ecology and Environment, Bangalore, the date of financial closure and final approval from the competent authorities and the date of start of the project.	Noted and will be informed as suggested.

8	The SEIAA, Karnataka may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Noted.
9	The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted.
10	The above conditions will be enforced, inter-alia under the provisions of the water (Prevention & Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance act, 1991 along their amendments and rules.	Noted.
11	The issue of Environment Clearance doesn't confer any right to the project proponent to operate/ run the project without obtaining statutory clearances/ sanctions from all other concerned Authorities.	Noted. All necessary approvals will be obtained from the concerned authorities before the operation of the project and the same shall be informed to the industrial units.
12	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (protection) Act, 1986.	Noted.
13	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
14	Officials from the Department of Environment and Ecology, Bangalore/ Regional office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the CCF, Regional office of MoEF, Bangalore / Department of Ecology and Environment, Bangalore/ Regional Office, KSPCB Bangalore.	Noted. Required Full cooperation, facilities & all the necessary documents will be provided during the inspection and whenever required by the concerned authorities. As suggested complete set of all the required documents has been submitted to Regional Office-MoEF&CC at Bangalore.
15	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this authority.	Noted. Any changes in the project approved, will be made as a fresh appraisal in front of the Competent Authority.

16	The authority reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
17	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted. All the necessary approvals and clearances applicable will be obtained from the concerned authorities. Industrial units in the project area are also strictly informed to do the same before starting any kind of activities.
18	The 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.	Noted.
19	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	Noted. No such activities will be carried out without the prior approval from the concerned authorities.



#### **4.0. Environmental Monitoring Details:**

The MoEF&CC/ SEIAA has made mandatory to submit Six- monthly Compliance reports for everyone who has obtained Environmental Clearance. For this purpose of preparing Compliance report and Environmental Monitoring, the KIADB has provided the work to M/s. Robust Materials Technology Pvt. Ltd. to carry out Environmental Monitoring for Industrial Areas.

#### **4.1. Ambient Air Quality Monitoring:**

The Ambient Air Quality Monitoring is carried out for parameters such as Respirable Particular Matter (PM 10), Fine Particulate Matter (PM 2.5), Sulphur Dioxide (SO<sub>2</sub>) and Nitrogen Dioxide (NO<sub>2</sub>) at 8 Locations and the detailed reports are attached as **Annexure-4**.

The monitoring results reveal the following pollutant concentration with respect to PM, SO<sub>x</sub> and NO<sub>x</sub>:

Sl. No.	Parameters	Limits (As Per NAAQS) for 24hrs	Minimum Value	Maximum Value	Average Value
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	100	58.6	63.4	60.5
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	60	17.3	24.7	20.6
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	80	17.5	22.1	19.6
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	80	8.7	13.4	11.0

The above table reveals that all the monitored values are within the standards prescribed under National AAQM Standards notified on 18.09.2002.



**4.2. Ambient Noise Level Monitoring:**

The monitoring results reveal the following ambient noise concentration at different locations:

Sl. No.	Locations	Noise level in dB(A) Leq		CPCB Standard	
		Day	Night	Lday (Ld)	LNight (Ln)
1	Near Bashetihalli Village- KIADB Lab-Project Site	62.1	52.2	55	45
2	Near Varadanahalli Village	53	42.7	55	45
3	Near Obdenahalli Village- StellisBiopharma- Project Site	60.6	56.1	55	45
4	Near AdinarayanaHosahalli Village	52.3	42.7	75	70
5	Near ArehalliGuddadahalli Village	52.5	40.7	75	70
6	Near KIADB office- Department of Handloom and textiles	61.1	55.9	55	45
7	Near Juttanahalli Village	52.1	42.1	55	45
8	Near Doddaballapura Textile Integrated Park (Project Site)	62.8	59.6	55	45

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB (A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB (A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB (A) (During night time).

The above table reveals that all the monitored values are within the standards prescribed under Noise Rules, 2000.

Ambient Noise Level is monitored and the detailed reports are attached as **Annexure-5**.

**4.3. Water Quality Monitoring:**

Water quality in the industrial area is monitored. The Ground and Surface water samples are collected and analyzed for water quality parameters. The Compiled test reports are attached as **Annexure-6**.

The water quality monitoring was carried out at 8 bore wells (different villages) spread across the study area and the following table gives the details of Maximum, Minimum and Average concentrations of different water quality parameters and the analysis reports reveals that all the parameters are well within the standards prescribed under IS 10500.

Sl. No.	Parameters	Minimum Value	Maximum Value	Average Value
1	Color (hazen units)	<2.0	<2.0	<2.0
2	Odour	Agreeable	Agreeable	Agreeable
3	pH Value	7.66	8.5	8.0
4	Turbidity, NTU	0	18.2	4.0
5	Chloride as Cl, mg/L	34.49	282.3	138.4
6	Total hardness as CaCO <sub>3</sub> , mg/L	80	529.7	307.0
7	Calcium as Ca, mg/L	12.01	115.0	57.1
8	Magnesium as Mg, mg/L	11.6	55.6	32.1
9	Total dissolved Solids, mg/L	116	742	427.8
10	Sulphate as SO <sub>4</sub> , mg/L	10.98	94.81	48.8
11	Nitrate as NO <sub>3</sub> , mg/L	1.9	11.1	5.5
12	Fluoride as F, mg/L	0.52	1.08	0.8
13	Iron as Fe, mg/L	0.06	0.42	0.2
14	Lead as Pb, mg/L	BDL	BDL	BDL
15	Copper as Cu, mg/L	BDL	BDL	BDL
16	Zinc as Zn, mg/L	0.23	0.23	0.23
17	Chromium as Cr, mg/L	BDL	BDL	BDL
18	Dissolved oxygen, mg/L	5.1	6.8	6.19

**4.4. Soil Quality Monitoring:**

Soil quality in the industrial area is monitored. The soil samples are collected and analysed for different parameters. The compiled test reports are attached as **Annexure-7**.

The soil quality monitoring was carried out at 8 locations (different villages) spread across the study area and the following table gives the details of Maximum, Minimum and Average concentrations of different soil quality parameters and the analysis reports reveals that all the parameters are well within the standards prescribed.

Sl. No.	Soil Parameters	Minimum Value	Maximum Value	Average Value
1	pH (20% Suspension)	6.83	8.3	7.5
2	Conductivity, $\mu\text{mhos/cm}$	74	944	277.9
3	Chloride as Cl, mg/Kg	190.7	793.7	504.4
4	Moisture, %	0.82	7.8	2.8
5	Organic Matter, %	0.9	3.5	2.5
6	Calcium as Ca, mg/Kg	18	970.9	504.0
7	Magnesium Mg, mg/Kg	68.4	253.7	131.5
8	Colour	Brown	Brown	Brown
9	Sulphur as S, mg/Kg	15.1	111.4	42.6
10	Nitrogen as N, %	0.008	0.08	0.019
11	Phosphorous as P, mg/Kg	2.2	39.9	10.3
12	Potassium as K, mg/Kg	15.8	72.5	39.8
13	Copper as Cu, mg/Kg	7.6	35.2	19.5
14	Chromium as Cr, mg/Kg	10.4	156.8	38.1
15	Zinc as Zn, mg/Kg	13.03	35.03	22.3
16	Lead as Pb, mg/Kg	6.2	16.7	12.6
17	Nickel as Ni, mg/Kg	3.6	52.3	15.4
18	Cadmium as Cd, mg/Kg	<0.1	<0.1	<0.1



## State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 35-IND 2012

Date: 28-03-2016

To,

The CEO & Executive Member,  
Karnataka Industrial Area Development Board (KIADB)  
#49, 4<sup>th</sup> & 5<sup>th</sup> Floors, Khanija Bhavan, East Wing  
No.49, Race Course Road, Bengaluru- 560 001

Sir,

Sub: Establishment of industrial area at Doddaballapura industrial area 3<sup>rd</sup> Phase at Arehalliguddadahalli, Varadanahalli, Kolipura, Obadenahalli, Raghunathapura, Surnaghatta villages of Devanahalli & Doddaballapura Taluk, Bengaluru Rural District by Karnataka Industrial Area Development Board (KIADB) - Issue of Environmental Clearance- reg.

\*\*\*\*\*

This has reference to your applications dated 19<sup>th</sup> December 2012 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC, Karnataka seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application in Form 1, prefeasibility report and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC), Karnataka. SEAC has recommended for issue of Environmental Clearance in its meetings held on 27<sup>th</sup> & 28<sup>th</sup> January 2016.

2. It is, inter-alia, noted that M/s. Karnataka Industrial Area Development Board (KIADB), have proposed for establishment of Doddaballapura industrial area 3<sup>rd</sup> Phase, Industrial Area for establishment of Orange and Green category industries on a Total plot area of 696.45 Acres (281.84 Ha) [Details of the land is enclosed as Annexure-I]. Out of 696.45 Acres, 336.70 Acres area is for Industrial area, 18.69 Acres area is for Amenities, 16.12 Acres area is for utility, 9.09 Acres area is for Commercial, 71.9 Acres area is for Residential, 71.64 Acres area earmarked for Park, 48 Acres area earmarked for Buffer zone, 34.81 Acres area is for Truck parking and 89.50 Acres area earmarked for Roads [The site plan is



State Level Environment Impact Assessment Authority-Karnataka  
(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 35 IND 2012

Establishment of industrial area at Doddaballapura industrial area 3<sup>rd</sup> Phase  
by Karnataka Industrial Areas Development Board (KIADB)

enclosed as Annexure-II]. Total water requirement for the industrial area is 9 MLD (Domestic: 1.9MLD + Industrial: 7.1 MLD) will be met from BWS&SB. Total waste water generated is 7.22 MLD (Domestic effluent: 1.52 MLD + Industrial effluent: 5.7 MLD). Domestic waste water will be treated in STP of capacity 1.6MLD. The industrial effluent will be treated and reused in the individual industry on the bases of advance zero discharge concepts. Total power requirement is 49MW will be sourced from BESCOM. The total project cost is Rs.450 Crores.

3. The project proposal has been considered by SEAC on 14<sup>th</sup> & 15<sup>th</sup> February 2013 and ToRs were issued on 14<sup>th</sup> March 2013 for conducting Environment Impact Assessment Study. The EIA has been conducted by M/s. ABC Techno Labs India Private Limited who is accredited from NABET vide No. NABET/EIA/1316/RA001, Rev 09, August 2011 Valid up to 15<sup>th</sup> November 2016. Public consultation was held on 11<sup>th</sup> November 2014. The final combined EIA report has been submitted on 17<sup>th</sup> August 2015.

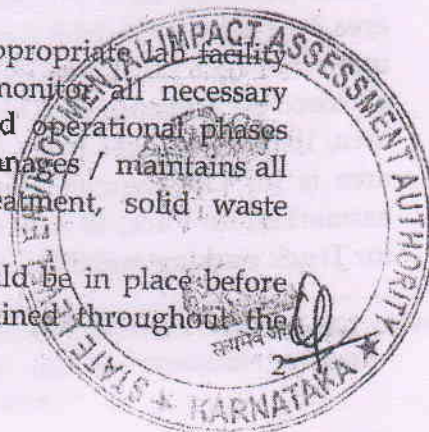
4. Based on the information submitted by you and presentation made by Environmental consultant, M/s. ABC Techno Labs India Private Limited, No.2 2nd Street, Thangam Colony, Anna Nagar West, Chennai Tamil Nadu -600 040. The State Level Expert Appraisal Committee (SEAC) examined the proposal in the meeting held on 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> January 2016 and 27<sup>th</sup> & 28<sup>th</sup> January 2016 and has recommended for issue of Environmental Clearance.

5. The State Environmental Impact Assessment Authority (SEIAA) Karnataka has considered the project in its meeting held on 8<sup>th</sup> February 2016 and after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC and decided to accord Environmental Clearance in accordance with the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and conditions:-

**A- SPECIFIC CONDITIONS**

**I. Construction Phase:**

1. "Consent for Establishment" shall be obtained from Karnataka State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Karnataka before start of any construction work at the site.
2. Set up an environment management cell with appropriate Lab facility shall be created as the project starts. It shall monitor all necessary parameters and activities during construction and operational phases from day one. The cell also ensures that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc.
3. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the



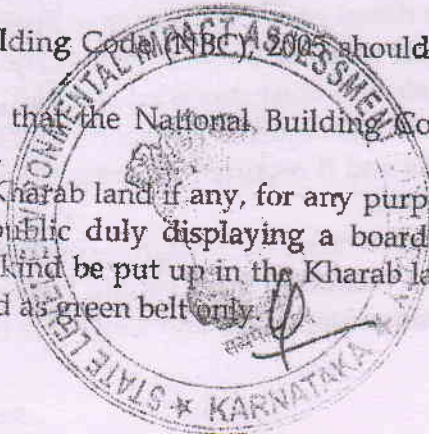


construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.

4. A First Aid Room should be provided in each of the three proposal project areas the Project both during construction and operation phase.
5. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
6. Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.
7. Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.
8. All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.
9. For dis-infection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.
10. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
11. Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
12. Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.
13. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
14. The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.
15. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
16. Vehicles hired for bringing construction material to the site should be in good condition and should conform to the applicable air and noise emission standards and should be operated only during non-peak hours.



17. Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
18. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.
19. Ready mixed concrete must be used in building construction.
20. Storm water control and its re-use as per CGWB and BIS standards for various applications.
21. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.
22. No ground water is to be drawn without permission from the Central/State Ground Water Authority.
23. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
24. Treatment of 100% grey water by decentralized treatment should be done.
25. The provision of Energy Conservation Building code, 2006 shall be fully complied with.
26. Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.
27. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
28. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
29. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of firefighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
30. The project authority shall ensure that no water bodies are polluted due to project activities.
31. Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.
32. The project Authorities shall ensure that the National Building Code, 2005 is complied with and adhered to.
33. The project authorities shall not use Kharab land if any, for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.





State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

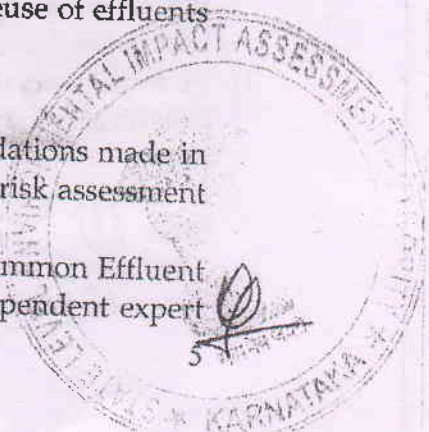
SEIAA 35 IND 2012

Establishment of industrial area at Doddaballapura industrial area 3<sup>rd</sup> Phase  
by Karnataka Industrial Areas Development Board (KIADB)

34. The authorities should include the condition while issuing plots to the prospective individual industries that they should develop greenbelt of at least 33 % of the plot area.
35. The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and KSPCB/CPCB.
36. The project authorities shall strictly adhere to the commitments made with regard to establishment of STP/CETP, buffer zone, green belt, conditions to be incorporated in the lease document while allotting plots to individual industries, environment safety aspects etc.
37. The project Authorities shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011 (LB - RES - PIL) on 04.12.2012 for different activities involved in construction work.
38. The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
39. The project authorities shall leave 30 mtrs buffer from the boundary of lake and 15 meters on either side of the channel / nala and other water bodies if any and this shall be free from any permanent structures. The buffer so maintained shall be planted with indigenous tree species such as Neem, Akash Mallige, Mahagoni, Honge, Kadamba Ficus, etc. and maintained as green belt.
40. The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.
41. Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.
42. The project Authority will undertake all relevant measures, as indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area.
43. The project Authority shall undertake development strictly in accordance with Notification No. FEE 215 ENV 2000 Dated 10.11.2003 issued by Government of Karnataka for the protection of Thippagondanahalli Reservoir catchment area.
44. The project Authority shall allow only the Orange and Green category industries and strictly as proposed in the layout plan.
45. The project proponent shall impose a condition to the prospective allottees of industrial plots to undertake treatment and reuse of effluents on the bases of advance zero discharge concepts.

**II. Operation Phase.**

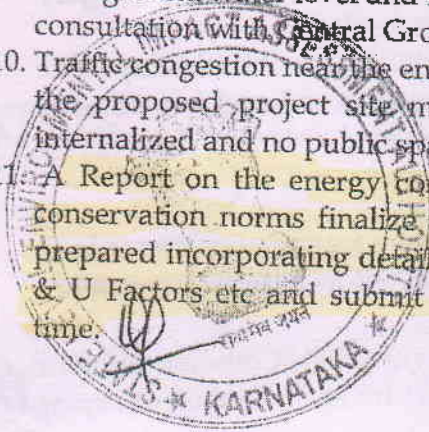
1. The Project Authority shall implement all the recommendations made in the Environmental Impact Assessment / EMP report and risk assessment report.
2. The installation of the Sewage Treatment Plant (STP)/Common Effluent Treatment Plant (CETP) shall be got certified by an independent expert





and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Treated effluent emanating from STP/CETP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed. Necessary measures should be made to mitigate the odour problem from STP/CETP.

3. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
4. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Karnataka State Pollution Control Board.
5. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
6. The project proponent shall ensure development of a minimum of 33% of the project area which shall include the buffer zone and green belt developed by individual industries. The project Authority may undertake compensatory green belt development through avenue plantation in the adjoining roads and in the civic amenity area if there is any shortfall within the project site in the unavoidable circumstances.
7. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
8. Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
9. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
11. A Report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA, Karnataka in three months time.





State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 35 IND 2012

Establishment of industrial area at Doddaballapura industrial area 3rd Phase  
by Karnataka Industrial Areas Development Board (KIADB)

12. Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.
13. Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP/ETP.
14. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
15. The project authorities shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 for management of hazardous wastes and prior permission from KSPCB shall be obtained for collection/treatment/ storage/disposal of solid / hazardous waste to the TSDF. The concerned authority shall undertake measures for firefighting facilities in case of emergency.
16. The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. all transportation of Hazardous Chemicals shall be as per the MVA, 1989. Authorization.
17. Project Authorities shall ensure transportation, segregation and composting is done in accordance with the Municipal Solid Wastes (Management and Handling) Rules 2000.
18. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.
19. The individual industries shall take all necessary clearances including Environment clearance in accordance with the law. The project Authority shall incorporate such condition in the lease/ sale deed/ Agreement.
20. The project authorities shall bifurcate the industrial plots and residential plots, if any with a thick and tall vegetative barrier green belt.
21. The project Authority shall incorporate a condition in the prospective lease/sale deed/ Agreement with individual industries that they also shall abide by the conditions of this E.C.

**B. GENERAL CONDITIONS:**

1. The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB).
2. No further expansion or modifications of the industrial area shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be.
3. The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.



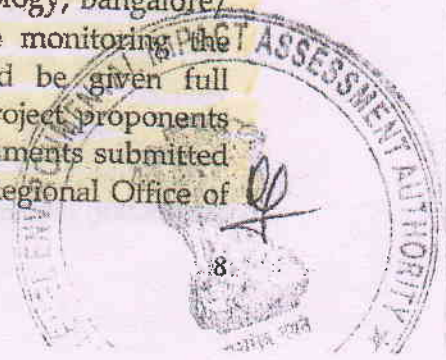


State Level Environment Impact Assessment Authority-Karnataka  
(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 35 IND 2012

Establishment of industrial area at Doddaballapura industrial area 3<sup>rd</sup> Phase  
by Karnataka Industrial Areas Development Board (KIADB)

4. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF, Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore. A six monthly compliance status report shall be submitted to monitoring agencies.
5. The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at Website of the Authority at <http://www.seiaa.kar.nic.in>, <http://seiaa.karnataka.gov.in> or <http://environmentclearance.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore.
6. The project authorities shall inform the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Ecology and Environment, Bangalore, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
7. The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
8. The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
9. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
10. The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.
11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
12. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
13. Officials from the Department of Environment and Ecology, Bangalore/ Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the CCF, Regional Office of





MoEF, Bangalore/ Department of Ecology and Environment, Bangalore/  
Regional Officer, KSPCB Bangalore.

14. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
15. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
16. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
17. 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.
18. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.

Yours faithfully,

  
(RAMACHANDRA) 28/2/16  
Member Secretary,  
SEIAA, Karnataka.

Copy to:

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi - 110 003.
2. The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
3. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bengaluru - 560 034.
4. Guard File.

ಫ್ಯಾಕ್ಸ್ / Fax : 080-25586321  
ಈಮೇಲ್ / E-mail : ho@kspcb.gov.in  
ವೆಬ್‌ಸೈಟ್ / Website : http://kspcb.gov.in



☎ 25581383, 25589112  
25588151, 25588270  
25588142, 25586520

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
**Karnataka State Pollution Control Board**

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ  
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka INDIA

KIADB-Doddaballapura  
NO. PCB/238/CNP/14/

DATE:

/ BY REGD. POST WITH ACK. DUE /

(THIS ORDER CONTAINS 08 PAGES INCLUDING 08 PAGES OF ANNEXURE-A)

To  
The Development Officer-3 & Executive Engineer,  
Karnataka Industrial Area Development Board,  
No. 14/3, 1<sup>st</sup> Floor, Maharishi Arvind Bhavan,  
N.T. Road,  
BENGALURU - 560 001.

Sir,

Sub: Consent for establishment to develop Industrial Area 3<sup>rd</sup> phase for establishment of Orange & Green category industries in an extent of 696.45 Acres (281.84 Hectares) located at various Sy. Nos. of villages of Arehalli Guddadahalli, Nagedanahalli, Adinarayana Hosahalli, Obedanahalli, Hosahalli, Varadanahalli of Doddaballapura Taluk, Bengaluru Rural District by M/s Karnataka Industrial Area Development Board.

- Ref: 1. Application for consent for establishment received at Regional Office, KSPCB, Doddaballapura on 18.07.2014.  
2. Inspection of the proposed project site by Officer of the Regional Office, KSPCB, Doddaballapura on 26.08.2014.  
3. E.C. issued vide No. SEIAA 35 CON 2012 dated 28.03.2016.  
4. Proceedings of the consent committee meeting held on 29.06.2016.  
5. Hon'ble NGT Order dated 04.05.2016 in respect of OA 222/2014.

<<<<<<>>>>>

With reference to the above, it is to be informed that this Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974 to develop Industrial Area 3<sup>rd</sup> phase for establishment of Orange & Green category industries on a Total Plot area of 696.45 Acres (281.84 Ha). Out of 696.45 Acres, 336.70 Acres area is for industrial area, 18.69 Acres is for Amenities, 16.12 Acres are is for utility, 9.09 Acres area is for Commercial, 71.9 Acres area is for Residential, 71.64 Acres area earmarked for Park, 48 Acres area earmarked for Buffer zone, 34.81 Acres area is for Truck

Senior Environmental Officer

"ಪ್ಲಾಸ್ಟಿಕ್ ಬಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರ ಹಾನಿ ತಡೆಗಟ್ಟಿ"

AVOID USE OF PLASTICS- BE 'ECO' FRIENDLY



Parking and 89.50 Acres area earmarked for Roads located at various Sy. Nos. of villages of Arehalli Guddadahalli, Nagedanahalli, Adinarayana Hosahalli, Obedanahalli, Hosahalli, Varadanahalli of Doddaballapura Taluk, Bengaluru Rural District (The proposed Sy. Nos. of the villages submitted by the KIADB are enclosed in Annexure-A) by M/s Karnataka Industrial Area Development Board, subject to the following conditions.

1. Environmental Aspects and Management during the course of construction:
  - a) The applicant should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants should not spill to the surroundings.
  - b) The applicant shall arrange services like housing facility, water supply, sewage facilities on a temporary basis at construction site and same shall be maintained without any adverse impact on the environment.
  - c) The applicant shall control the movement of vehicles carrying construction materials in order to avoid noise pollution in the surrounding.
  - d) The project proponent shall strictly adhere to the conditions stipulated in the Environmental clearance issued from the State Level Environment Impact Assessment Authority-Karnataka vide No. SEIAA 35 CON 2012 dated 28.03.2016.
  - e) The project proponent shall strictly adhere to the directions issued in the Judgement given by Hon'ble National Green Tribunal with respect to OA 222 of 2014 dated 04.05.2016.
  - f) The applicant shall strictly maintain 75 Mtrs as green belt / buffer zone from the periphery of any Lake as per NGT order dtd-04.05.2016 in case of OA 222 of 2014. The buffer/Green zone would be treated as no construction zone for all intent and purpose.
  - g) The applicant shall maintain 50m from the edges of the primary Rajakaluves, 35m from the edges in the case of Secondary Rajakaluves & 25m from the edges in the case of tertiary Rajakaluves.
  - h) The applicant shall leave clear buffer zone towards any lake and Nala as per NGT Order dated 04.05.2016 in respect of OA 222/2014.
  - i) The applicant shall submit final approved plan from competent authority to the Board before taking up any construction activities.
  - j) The applicant shall seek extension through a letter 45 days in advance of the expiry of validity period of CFE/CFExpn order with proper reasons for seeking such extension if required.

Senior Environmental Officer



k) The applicant to maintain 5 rows of plantation along the boundaries of the industrial area and to see that only green category industries are allotted towards the adjoining village limits.

1. This consent for establishment shall be valid for a period of Five years from the date of issue of this Order.
2. The applicant shall maintain natural nallah and other such feature as in the Revenue Survey map.
3. The applicant shall not take expansion/diversification without the prior consent of the Board.
4. The applicant shall obtain necessary licence/clearance from their relevant agencies before taking up construction.
5. The applicant shall obtain NOC from the Board before handing over of apartment to residents Association.
6. The applicant shall maintain utilities including STP for a minimum period of five years.
7. The applicant shall use treated sewage for secondary purposes including construction.
8. This CFE is issued only from the point of water pollution control only and does not have any relevance over land dispute, any pending cases with any Departments/Hon'ble Courts.
9. Sewage Treatment Plant (STP) and Solid waste-processing facility (for organic) shall be provided and operated satisfactorily by the project proponent himself before it is handed over to Association/Company.

#### II. WATER CONSUMPTION:

1. The project authorities shall use BWSSB tertiary treated water for construction works.
2. The water consumption shall not exceed 9 MLD [Domestic: 1.9 MLD + Industrial : 7.1 MLD] will be met from BWSSB.
3. No ground water is to be drawn without permission from the Central/State Ground Water Authority.

#### III. WATER POLLUTION CONTROL:

1. The quantity of sewage shall not exceed 7.22 MLD (Domestic effluent : 1.52 MLD + Industrial effluent: 5.7 MLD). Domestic waste water will be treated in STP of capacity 1.6 MLD. and shall be treated in the sewage treatment plant (STP) of capacity with the treatment scheme as submitted in the STP proposal to meet the standards stipulated below before utilizing for Urban Reuse viz., landscape irrigation, vehicle washing, toilet flushing building construction use in fire protection and commercial air conditioners. STP shall be constructed on modular basis to cater to phase-wise development.

Senior Environmental Officer

Sl. No	Parameter	Parameters Limit
01.	pH	6.5 – 9.0
02.	BOD (mg/l)	Not more than 10
03.	COD (mg/l)	Not more than 50
04.	TSS (mg/l)	Not more than 20
05.	NH4-N (mg/l)	Not more than 5
06.	N-Total (mg/l)	Not more than 10
07.	Fecal Coliform (MPN/100 ml)	Less than 100

2. Applicant shall add appropriate disinfectant to treated sewage to ensure some residual chlorine preferably in the range of 1 mg/l. to 3 mg/l.
3. If the treatment plant do not achieve the effluent standards stipulated under conditions (1) above or if it is found to be inadequate, then the applicant shall have to modify the units so as to meet the standards with prior consent of the Board.
4. All the treatment units shall be made impervious and there shall not be any discharge of sewage outside the premises.
5. The applicant shall provide separate energy meter to liquid waste treatment plant and STP and also shall provide flow meters as per Water Cess Act, 1977. A log book of readings shall be maintained.
6. The applicant should make provisions for dual piping system to use the treated sewage water for toilet flushing, gardening and other purposes.
7. The applicant shall dispose excess treated sewage i.e. left after using for secondary purposes. The applicant shall maintain log book and vehicle details in this regard.

#### IV. AIR POLLUTION CONTROL:

1. The applicant during construction shall ensure that the Ambient Air Quality in its premises shall conform to the National Ambient Air Quality Standards specified in Environment (Protection) Rules.
2. The applicant shall provide acoustic measures to the DG Sets as per SI. No. 94 in Schedule-I of Environment (Protection) Rules.
3. The applicant shall provide dust suppression systems with water sprinkling system during construction period.

#### V. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels and ambient air quality within its premises during construction and after construction shall not exceed the limits specified in the Environment (Protection) Rules, i.e. 55 dB(A) Leq during day time and 45 dB(A) Leq during night time during and after construction.

Senior Environmental Officer



2. The applicant shall maintain the ambient noise standards as prescribed below during construction and after construction.

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

#### VI. SOLID WASTE & HAZARDOUS WASTE DISPOSAL:

1. The applicant shall collect, treat and dispose off all solid waste generated during construction i.e. Muck, and Garbage after construction if any in such manner so as not to cause environmental pollution.
2. The applicant shall apply and obtain authorization for management & handling of waste oil under Hazardous & other Waste (Management & Transboundary Movement) Rules, 2016.
3. The applicant shall earmark sufficient place for segregation and processing and convert the bio-degradable solid waste generated from unit into compost within their premises with scientific method.
4. The applicant shall strictly follow the Government Notification No. FEE 17 EPC 2012 Bangalore dated 11.03.2016-with regard to plastics ban.
5. The applicant shall strictly follow Construction & Demolition Waste Management Rules, 2016.
6. The applicant shall earmark minimum of 5 acres and maximum of 25 acres of land for the purpose of establishing CETP, Hazardous Waste and Municipal Solid waste collection centers in the industrial area.

#### VII. HEALTH & SAFETY:

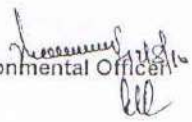
1. The applicant shall provide all necessary healthcare facilities to workers and shall carry out routine health survey among workers.
2. The applicant shall provide all safety measures including personal protective equipments to workers during construction.

#### VIII. GENERAL :

1. The applicant shall adhere to the Zonal Regulations norms of competent authority.
2. The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and Board.

Senior Environmental Officer

3. The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
4. The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.
5. Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.
6. The project Authority shall allow only the Orange and Green category industries and strictly as proposed in the layout plan.
7. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling, after recovering recyclable material.
8. The project proponent shall ensure development of a minimum of 33% of the project area which shall include the buffer zone and green belt developed by individual industries. The project authority may undertake compensatory green belt development through avenue plantation in the adjoin roads and in the civic amenity area if there is any shortfall within the project site in the unavoidable circumstances.
9. The provision of Energy Conservation Building code, 2006 shall be fully complied with.
10. The project authority shall ensure that no water bodies are polluted due to project activities and the nala/water bodies if any within the project areas are well protected with sufficient buffer.
11. The project authorities shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
12. The authorities should include the condition while issuing plots to the prospective individual industries that they should develop greenbelt of 33% of the plot area allotted for them.
13. The project proponent shall ensure that the greenery of the area is maintained. Further 33% of the project area shall be dedicated for green belt development. The local Forest Department shall be associated for this purpose and requisite budget earmarked.
14. Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.

  
Senior Environmental Officer



15. The project authorities shall bifurcate the industrial plots and residential plots with a thick and tall vegetative barrier green belt.
16. The project authority shall incorporate a condition in the prospective lease/sale deed/Agreement with individual industries that they also shall abide by the conditions of this E.C.
17. The applicant shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977.
18. The applicant must create structure/storage facility for rain water harvesting and ground water recharge.
19. The applicant should make provisions for dual piping system to use the treated sewage water for toilet flushing, gardening and other purposes.
20. The applicant shall arrange for alternate power supply in the form of D.G.Set to run and operate the essential units of sewage treatment plant, in event of brake down of regular supply from Electricity Board.
21. The applicant shall implement the Environmental Management Plan during construction and after construction as given under EMP report.
22. The applicant shall not change or alter (a) building plan (b) the quality, quantity or rate of discharge/ emissions and (c) install/replace/alter the water or air pollution control measures without the prior approval of the Board.
23. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc., in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.
24. Exact date of commissioning of the sewage treatment plant shall be informed to this Board 45 days in advance so as to make necessary inspection of the plant and the pollution control measures provided by the applicant.
25. The applicant shall appoint a qualified Environmental Engineer/ Scientist for the Management of Environmental aspects and also establish Environmental Cell to oversee the operation of STP.
26. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
27. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.

Senior Environmental Officer

28. The application shall adopt Eco-sanitation system in the project.

29. ~~The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.~~

30. The project authorities shall dispose scientifically Bio-Medical waste and electronic waste to authorized common disposal facility and authorized recyclers respectively by entering into agreement as per new Bio Medical Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.

31. The project authorities shall adopt green building concept.

32. The project authorities shall establish Environmental Cell during operation phase to comprehensively manage environment related issues.

33. Suitable local tree species shall be selected for greenery and minimum three rows of plant saplings shall be planted all-along the periphery of the site.

34. The CFE is issued without prejudice to the Court case pending in any Hon'ble Court.

Please note that separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance to the completion of construction work of project. Issue of consent will be considered only after completion of Water pollution control measures, solid waste management facilities and installing air pollution control measures.

The receipt of this letter may please be acknowledged.

For and on behalf of  
Karnataka State Pollution Control Board  
Sd/-

Senior Environmental Officer

**COPY TO:**

1. The Environmental Officer, KSPCB, Regional Office, Doddaballapura for information. He is directed to inspect the site and submit quarterly compliance report.
2. Master copy (CFE-Cell).
3. Master copy (Dispatch).
4. Office copy.

Senior Environmental Officer

Details of land of the proposed Doddaballapura Industrial Area 3<sup>rd</sup> Phase

Villages	Arehalli,Guddadahalli,Varadanahalli,Kolipura,Obadenahalli,Raghunathapura,Sunnaghatta.
Taluk	Doddaballapura
District	Bangalore Rural

S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
1.	ArehalliGuddadahalli	105/1	0-18
		105/2	1-20
		106/1	1-05
		106/2	2-01
		106/3	1-23
		106/4	1-20
		106/5	1-00
		106/6	1-00
		106/7	1-00
		107	7-31
		108/1	3-08
		108/2	3-35
		109/1	5-01
		109/2	2-04
		110/1	3-11
		110/2	2-11
		111	2-29
		112	6-11
		113/1	3-01
		113/2	2-06
		114	0-30
		115/4	0-30
		115/5	5-26
		116	1-00
		117/2	1-00
		120	4-31
		121/1	0-39
		121/2	1-05
		121/3	1-04
		121/4	0-31
		122/1	0-16
		122/2	0-22
		122/3	0-21
		122/4	0-13
		123/1	0-37
		123/2	0-27
		123/3	0-31

HA



S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
		123/4	1-19
		123/5	0-21
		123/6	1-34
		124/1	2-21
		124/2	2-15
		125	5-22
		126	2-24
		127	2-17
		129/1	2-28
		129/2	2-39
		129/3	0-05
		130/1	1-20
		131/1	3-34
		131/2-1	1-29
		132/1-1	1-00
		132/2	1-19
		133/3	9-27
		133/4	2-39
	Total		122-11
VARADANAHALLI			
2	Varadanahalli	10	1-03
		12/3	1-05
		12/4	1-05
		13	2-03
		14/1	2-22
		14/2A	1-25
		14/2B	1-36
		15/1	1-01
		15/2	1-34
		15/3	2-01
		15/4	1-16
		15/5	0-32
		15/6	0-35 1/2
		15/7	0-32 1/2
		16/1	3-24
		16/2	3-21
		17/1	1-27
		17/2	1-38
		69	4-00
		70/1	2-23
		70/2	5-09
		70/3	2-19
		71	2-22
		72	5-33
	Total		53-27

110



S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
3	Kolipura	9/1	1-07
		10/2	3-27
		11	4-19
		13	3-35
		14/1A	2-00
		14/1B	1-08
		14/2	1-27
		21	5-28
		22	10-31
		23	3-16
		24	6-01
		25/1	3-17
		25/2	1-19
		26	6-23
		27	4-08
		28	8-16
		29	8-24
		30	6-02
	Total		82-28
OBADENAHALLI			
4	Obadenahalli	2/1	1-01
		3	4-22
		4/1	1-33
		4/2	3-08
		5	2-38
		7	7-07
		8	3-30
		9/1	4-13
		9/2	1-30
		10/1	4-15
		10/2	0-38
		10/3	0-18
		11/1	4-03
		11/2	1-11
		11/3	2-08
		12	1-37
		13/1	2-18
		13/2	3-06
		14/1	3-19
		14/2	0-17
		14/3	0-21
		14/4	1-29
		14/5	1-12
		15/1	1-12

S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
		15/2	0-18
		15/3	1-28
		15/4	1-39
		15/5	0-32
		16	3-38
		17/1	0-32
		17/2	0-34
		17/3	1-00
		17/4	1-15
		17/5	2-20
		18	3-01
		19/1	3-00
		19/2	1-22
		20	3-12
		21/1	1-02
		21/2	0-38
		21/3	0-31
		21/4	2-28
		22	2-34
		23/1	1-09
		23/2-1	1-06
		24/1	0-25
		24/2	0-25
		25/1	2-12
		25/2	2-05
		26/2A	2-06
		26/2B	0-22
		27	3-07
		28/1	0-21
		28/2	1-08
		28/3	1-02
		28/4	1-05
		28/5	0-37
		28/6	0-33
		29/1	0-36
		29/3	1-33
		32/1	1-36
		32/2	0-31
		32/3	1-15
		33/1	1-01
		33/2	0-36
		33/3	1-37
		34/1	1-09
		34/2	2-24
		35/1	1-05
		35/2	3-02

112

S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
		36/1	4-06
		36/2	1-30
		36/3	1-05
		37/1	2-25
		37/2	2-25
		37/3	0-39
		37/4	0-29
		37/5	0-29
		38/1	2-20
		38/2	3-29
		39	6-15
		40/1	1-12
		40/2	1-00
		40/3	1-07
		40/4	1-10
		41	3-33
		42/1	0-24
		42/2	0-15
		42/3	3-04
		43/1	0-25
		43/2	0-32
		43/3	1-15
		43/4	0-30
		43/5	1-07
		44/1	3-38
		44/2	2-01
		44/3	1-02
		45/1	1-00
		45/2	2-18
		47	3-03
		49	2-21
		50	4-09
		51	1-09
		52	3-18
		53	1-02
		54/1	1-28
		54/2	0-21
		56	6-00
		57	6-11
		58	3-23
		59	9-27
		61	5-30
		63	1-14
		64	6-25
		65	45-11
		67	5-01

lll



S.no	Name of the Village	Survey No.	Extent in Acre-Guntas
		68/1	2-27
		68/2	3-15
		69/1	1-09
		69/2	1-04
		69/3	1-14
		70	1-00
		71/1	1-10
		71/2	1-06
	<b>Total</b>		<b>309-38</b>
<b>RAGHUNATHAPURA</b>			
5	Raghunathapura	52/1	2-16
		52/2	2-15
		53	4-10
		54/1	1-25
		54/2	2-04
		55	11-36
		56	5-03
		61/1	1-10
		61/2	1-22
		61/3	2-37
		62/1	2-03
		62/2	3-32
	<b>Total</b>		<b>41-13</b>
<b>SUNNAGHATTA</b>			
6	Sunnaghatta	45/1	0-30
		45/2	0-36
		45/3	0-35
		46/1	2-00
		46/2	1-32
		47	3-25
		48	1-15
		49/1	0-33
		49/2	1-32
		49/3	1-09
		50	0-05
		69/1	2-25
		69/2	0-28
		70	2-34
		71/1	2-10
		71/2	3-16
		72	1-26
		73	2-33
		74	0-20
		75/1	0-17

10



S.no	Name of the Village	Survey No.	Extent in Acre - Guntas
		75/2	1-08
		75/3	0-02
		76	0-16
		77	2-22
		78/1	0-18
		78/2	1-02
		78/3	0-26
		79/1	3-34
		79/2A	1-19
		79/2B	1-22
		84	3-36
		86/1	3-27
		86/2	3-18
		87	7-35
		88	25-20
		89/1	2-37
		89/2	2-19
		90	1-24
		94	5-01
		95/1	0-19
		95/2	1-26
		95/3	1-08
		95/4	1-02
		95/5	0-24
		96	1-06
		97	2-18
		98	1-09
		99/1	0-18
		99/2	0-04
		99/3	0-18
		99/4	1-08
		99/5	0-07
		99/6	0-08
		99/7	0-20
		99/8	1-18
		99/9	0-01
		99/1	0-24
		100	2-17
		101	1-08
		102	0-02
		103	2-39
		104	1-13
Total			126-09

wa

Summary:

S.no	Villages	Extent in Acres-Guntas
1	Arehalli Guddadahalli	122-11
2	Varadanahalli	53-27
3	Kolipura	82-28
4	Obadenahalli	309-38
5	Raghunathapura	41-13
6	Sunnaghatta	126-09
	Total	736-06 or 736.15 Acres

Total land Acquired = 736 Acres 06 Guntas .Out of which 27.82 Acres of Land Allotted for Development of NH-207 and BMRDA Road and 11.88 Acres of Land was left out, since it was Gomala Land. Therefore the Total Area for the development of Doddaballapura Industrial Area 3<sup>rd</sup> Phase is 696.45 Acres.

Sd/-

Signature

DEVELOPMENT OFFICER  
& EXECUTIVE ENGINEER-3

No. 14/3, KIADB, Zonal Office,  
CFC Building, Maharshi, Aravinda Bhavan  
1st Floor, N.T. Road, Bangalore-560 001



# Combined national Tote pools in offering

(4) ಪಾಂಕ್ರಿ ಬಡ್ ತೆರೆಯುವ ಬಿಸಾಂಕ:

(5) ಆರ್ಥಿಕ ಬಡ್ ತೆರೆಯುವ  
ಗಿ (ಸಾಧ್ಯವಾದಲ್ಲಿ ಮಾತ್ರ). ಬಾಕಿ ಉಳಿದ  
ಗಿ ಬದಲಾವಣೆ ಇರುವುದಿಲ್ಲ. ಹೆಚ್ಚಿನ  
a.gov.in ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಹಾಗೂ ಈ

ಸಹಿ/- ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್,  
ಲಾಡ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಕಾರವಾರ

## RAVARI NIGAM LIMITED

(Karnataka Enterprise)  
Executive Engineer,  
Project Division, Ranebennur.

**Madhapura Corrigendum-3/  
dtd: 19-03-2018**

### CORRIGENDUM-3

Notification No. 3944/017-18  
Corrigendum -1 Notification  
-2018 3) This office  
4447 dtd: 03-03-2018

Notations cited at Ref (1) to (3)  
work of "Survey, Investigation,  
Testing and Commissioning of  
d Works consisting of Intake  
m pump house, Power supply  
transmission lines, Rising Main,  
and Construction of Gravity  
structure for lifting of water from  
ankaranahalli village to fill the  
Taluk Havrei Districts. including  
for a period of 5 years after  
completion of scheme on Turn-  
apura Lift Irrigation Scheme in  
st, Karnataka" was called and  
insted of Guddada Madhapura  
( Madlur ) LIS works's drawings  
fence the Drawings of Guddada  
endum for the above said work  
Further details are remains  
tender notification and its  
made in the said Corrigendum,  
1 will be published in the  
23-03-18 in the news papers. Further  
the office of the undersigned  
No. (08373) - 267071. and

NL. U.T.P. Division, Ranebennur.

Sd/- Executive Engineer, Project (West) Division

**"Pay development charges, help to develop Bengaluru"**



## KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD

(A Government of Karnataka Undertaking)  
No. 49, East Wing, 4<sup>th</sup> & 5<sup>th</sup> Floor, Khanija Bhavan, Race Course  
Road, Bengaluru - 560 001, Ph.: 22265383  
Fax: 080-22267901 website: www.kiadb.in  
e-Mail: cdoce@kiadb.in

### PUBLIC ANNOUNCEMENT

(Through GoK e-Procurement Portal Only)

KIADB has obtained Environmental Clearance from MoEF&CC/SEIAA  
for the following Industrial Areas. The Copies of the Environmental  
Clearances are available on the website of MoEF&CC (<http://moef.nic.in>)/SEIAA (<http://seiaa.karnataka.gov.in>).

#### A. Environmental Clearance from MoEF&CC

1. Sompura Industrial Area, 1&2 Stage, Nelamangala Taluk, Bengaluru Rural District.
2. Vasanthanarasapura Industrial Area, 2<sup>nd</sup> & 3<sup>rd</sup> Phase, Tumakuru District.
3. Gowribidanur, 1<sup>st</sup> & 2<sup>nd</sup> Stage Industrial Area, Chikkaballapura District.
4. Kadechuru Industrial Area, Kadechuru Village, Yadgiri Taluk & District.
5. Chamarajanagara Industrial Area, Badanakuppe and Kallambelli villages, Chamarajanagara Taluk & District.
6. Harohalli Industrial Area, 2<sup>nd</sup> & 3<sup>rd</sup> Phase, Ramangara District
7. Jakanasandra Industrial Area, Jakasandra village, Malur Taluk, Kolar District.

#### B. Environmental Clearance from SEIAA

- 1) Malur Industrial Area, 4<sup>th</sup> Phase, Malur Taluk, Kolar District.
- 2) Narasapura Industrial Area, 1<sup>st</sup> Stage, Kolar District.
- 3) IT/BT Park, Gamanagatti, Tarihal Village, Dharwad District.
- 4) Bidadi Industrial Area, 2<sup>nd</sup> Phase, Ramanagara District.
- 5) Vemagal Industrial Area, Kolar District.
- 6) Vasanthanarasapura Industrial Area, 1<sup>st</sup> Stage, Tumakuru Taluk & District.
- 7) Hi-Tech Defence & Aerospace Components, Devanahalli Taluk, Bengaluru Rural District.
- 8) Doddaballapura Industrial Area, 3<sup>rd</sup> Phase, Obdenahalli, Doddaballapura Taluk, Bangalore Rural District.
- 9) Kittur Industrial Area, Bailahongal Taluk, Belagavi District.
- 10) Nandur Kesaratagi Industrial Area, 2<sup>nd</sup> Phase, Kalaburagi Taluk & District.

Sd/- Chief Development Officer & Chief Engineer

ಸಂಪನ್ಮೂಲ  
ಉಳಿದಂತೆ

ಸಂಪರ್ಕಿಸಿ  
ಸಂಪರ್ಕಿಸಿ

MINOR I  
DEPART  
MINOR II

PH N

No.EE /MID  
SHC

Executive  
Developn  
item rate  
Portal Sys  
1. Constr  
Ankalagi  
Rs.99.99  
period is  
the worl  
Division (C  
up to C  
<https://e>  
upto 16.  
on 07-04  
all the D  
a Notar  
Enginee  
such Tec

DIP/BGM/R

Ban



**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00123
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00123
	Date of Receipt	: 06/02/2021
	Analysis Start date	: 08/02/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
Sample Location: Near Bashetihalli Village- KIADB Lab- Project Site.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	60.2	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	23.8	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.1	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	10.9	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech AAS-217 NL	Envirotech AAS 127-mini
Sl. No.	18-J-739	18-J-889
Calibrated on date	17-03-2020	21-01-2021
Calibration due date	16-03-2021	20-01-2022

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00125
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00125
	Date of Receipt	: 06/02/2021
	Analysis Start date	: 08/02/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
Sample Location: Near Varadanahalli Village.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	59.4	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	20.8	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.2	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	11.5	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460 BL	Envirotech APM-550
Sl. No.	2475-DTJ-2012	1406-DTJ-2013
Calibrated on date	12-11-2020	07-11-2020
Calibration due date	11-11-2021	06-11-2021

-----END OF THE REPORT-----

  
 12/2/21  
 Verified by

  
 12/2/21  
 Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00127
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00127
	Date of Receipt	: 06/02/2021
	Analysis Start date	: 08/02/2021
<b>Sample Particulars:</b> Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Location:</b> Near Obadenahalli Village- Stellis Biopharma- Project Site.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	58.8	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	19.0	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.1	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	13.4	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-550	Envirotech APM-550
Sl. No.	2476-DTJ-2012	1159-DTG-2012
Calibrated on date	17-03-2020	17-03-2020
Calibration due date	16-03-2021	16-03-2021

-----END OF THE REPORT-----

  
 12/2/21  
 Verified by

  
 12/02/21  
 Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00129
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00129
	Date of Receipt	: 06/02/2021
	Analysis Start date	: 08/02/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
Sample Location: Near Adinarayana Hosahalli Village.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	59.6	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	17.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	18.6	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	10.3	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Ecotech AAS 217 NL	Ecotech AAS 217
Sl. No.	20-I-932	20-I-1165
Calibrated on date	16-12-2020	16-12-2020
Calibration due date	15-12-2021	15-12-2021

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00131
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00131
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 08/02/2021
<b>Sample Particulars:</b> Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Location:</b> Near Arehalli Guddadahalli Village.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	60.9	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	19.7	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	17.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	11.2	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards.

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Ecotech AAS-217 NL	Ecotech AAS 217
Sl. No.	20-I-933	20-I-1166
Calibrated on date	16-12-2020	16-12-2020
Calibration due date	15-12-2021	15-12-2021

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00133
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00133
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 08/02/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
Sample Location: Near KIADB office- Department of Handloom and textiles.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	62.8	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	21.8	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.0	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	9.6	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards.

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech AAS-217 NL	Envirotech AAS 127-mini
Sl. No.	18-J-739	18-J-889
Calibrated on date	17-03-2020	21-01-2021
Calibration due date	16-03-2021	20-01-2022

-----END OF THE REPORT-----

12/2/21  
Verified by

12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00135
Report date	: 12/02/2021
Ref.	: Test Request Form
Date of Sampling	: 06/02/2021 to 07/02/2021
Job Order No	: RE/2021/00135
Date of Receipt	: 07/02/2021
Analysis Start date	: 08/02/2021
Analysis Completed date	: 12/02/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

**Sample Location:** Near Juttanahalli Village.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	58.6	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	17.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	18.4	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	8.7	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

**Details of Equipment used for monitoring**

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-550	Envirotech APM-550
Sl. No.	2476-DTJ-2012	1159-DTG-2012
Calibrated on date	17-03-2020	17-03-2020
Calibration due date	16-03-2021	16-03-2021

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00137
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00137
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 08/02/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.		Analysis Completed date : 12/02/2021
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
Sample Location: Near Doddaballapura Textile Integrated Park (Project Site).		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	63.4	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	24.7	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	22.1	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	12.6	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460 BL	Envirotech APM-550
Sl. No.	2475-DTJ-2012	1406-DTJ-2013
Calibrated on date	12-11-2020	07-11-2020
Calibration due date	11-11-2021	06-11-2021

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00124
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00124
	Date of Receipt	: 06/02/2021
	Analysis Start date	: 12/02/2021
Analysis Completed date		: 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Particulars:</b> Noise Monitoring for 24 hrs.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00124	Near Bashetihalli Village- KIADB Lab- Project Site.	6:01 AM to 10:00 PM	55.4	69.5	62.1
		10:01 PM to 6:00 AM	41.7	65.4	52.2

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
------------------	--

-----END OF THE REPORT-----

12/02/21  
Verified by

12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00126
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00126
	Date of Receipt	: 06/02/2021
Analysis Start date		: 12/02/2021
Analysis Completed date		: 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Particulars:</b> Noise Monitoring for 24 hrs.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00126	Near Varadanahalli Village	6:01 AM to 10:00 PM	50.0	56.2	53.0
		10:01 PM to 6:00 AM	38.6	47.1	42.7

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
<p style="text-align: center;">-----END OF THE REPORT-----</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  12/2/21 Verified by </div> <div style="text-align: center;">  12/02/21 Authorized Signatory </div> </div>	

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00128
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 05/02/2021 to 06/02/2021
	Job Order No	: RE/2021/00128
	Date of Receipt	: 06/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).	Analysis Start date	: 12/02/2021
	Analysis Completed date	: 12/02/2021
<b>Sample Particulars:</b> Noise Monitoring for 24 hrs.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00128	Near Obadenahalli Village- Stellis Biopharma- Project Site	6:01 AM to 10:00 PM	55.3	66.5	60.6
		10:01 PM to 6:00 AM	51.6	61.1	56.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	As per CPCB Standards, <b>Report Status:</b> - The measured values for the above locations are within the standards.
------------------	---

-----END OF THE REPORT-----

12/2/21  
Verified by

12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00130
Report date	: 12/02/2021
Ref.	: Test Request Form
Date of Sampling	: 05/02/2021 to 06/02/2021
Job Order No	: RE/2021/00130
Date of Receipt	: 06/02/2021
Analysis Start date	: 12/02/2021
Analysis Completed date	: 12/02/2021

**Name of the Industrial Area:** Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

**Sample Particulars:** Noise Monitoring for 24 hrs.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00130	Near Adinarayana Hosahalli Village	6:01 AM to 10:00 PM	49.3	55.5	52.3
		10:01 PM to 6:00 AM	40.2	45.3	42.7

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

**INFERENCE**

**As per CPCB Standards,**

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00132
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00132
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 12/02/2021
		Analysis Completed date : 12/02/2021

**Name of the Industrial Area:** Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

**Sample Particulars:** Noise Monitoring for 24 hrs.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00132	Near Arehalli Guddadahalli Village	6:01 AM to 10:00 PM	49.5	55.7	52.5
		10:01 PM to 6:00 AM	37.5	44.2	40.7

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	As per CPCB Standards, <b>Report Status:</b> - The measured values for the above locations are within the standards.
------------------	---

-----END OF THE REPORT-----

12/2/21  
Verified by

12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00134
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00134
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 12/02/2021
	Analysis Completed date	: 12/02/2021

**Name of the Industrial Area:** Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

**Sample Particulars:** Noise Monitoring for 24 hrs.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00134	Near KIADB office- Department of Handloom and textiles	6:01 AM to 10:00 PM	55.6	67.1	61.1
		10:01 PM to 6:00 AM	45.9	68.2	55.9

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

<b>INFERENCE</b>	As per CPCB Standards, <b>Report Status:</b> - The measured values for the above locations are within the standards.
------------------	---

-----END OF THE REPORT-----

  
12/2/21  
Verified by

  
12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

**TEST REPORT**





<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00136
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00136
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 12/02/2021
		Analysis Completed date : 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Particulars:</b> Noise Monitoring for 24 hrs.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00136	Near Juttanahalli Village	6:01 AM to 10:00 PM	49.1	55.3	52.1
		10:01 PM to 6:00 AM	39.7	44.6	42.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
<p style="text-align: center;">-----END OF THE REPORT-----</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             12/2/21            Verified by         </div> <div style="text-align: center;">             12/2/21            Authorized Signatory         </div> </div>	

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00138
	Report date	: 12/02/2021
	Ref.	: Test Request Form
	Date of Sampling	: 06/02/2021 to 07/02/2021
	Job Order No	: RE/2021/00138
	Date of Receipt	: 07/02/2021
	Analysis Start date	: 12/02/2021
		Analysis Completed date : 12/02/2021
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).		
<b>Sample Particulars:</b> Noise Monitoring for 24 hrs.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00138	Near Doddaballapura Textile Integrated Park (Project Site).	6:01 AM to 10:00 PM	55.4	71.3	62.8
		10:01 PM to 6:00 AM	52.4	67.8	59.6

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
------------------	--

-----END OF THE REPORT-----

12/2/21  
Verified by

12/02/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00107
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00107
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Lake Water – Near Arehalli guddadahalli Village.

Sl. No.	Tests	Results	Protocol
Description: Colorless liquid.			
1	Color (hazen units)	<2.0	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	8.5	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	12.6	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	64.06	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	80.0	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	13.7	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	11.6	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	116.0	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	10.98	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	1.9	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.52	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.42	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	IS 3025 (Part – 49): 1994 Reaff 2019

*[Signature]*  
18/02/2021  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00107
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00107
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Lake Water – Near Arehalli guddadahalli Village.

Sl. No.	Tests	Results	Protocol
17	Chromium as Cr, mg/L	BDL	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.7	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

-----END OF THE REPORT-----

*[Signature]*  
18/02/2021  
Verified by

*[Signature]* 18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00108
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00108
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Lake Water – Near Obadenahalli Village.

Sl. No.	Tests	Results	Protocol
Description: Colorless liquid.			
1	Color (hazen units)	<2.0	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	7.66	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	18.2	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	34.49	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	176.0	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	31.3	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	24.3	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	124	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	12.41	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	2.1	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.58	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.37	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	IS 3025 (Part – 49): 1994 Reaff 2019
<div> <div>   18/02/21  Verified by </div> <div>   18/02/21  Authorized by </div> </div>			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00108
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00108
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Lake Water - Near Obadenahalli Village.

Sl. No.	Tests	Results	Protocol
17	Chromium as Cr, mg/L	BDL	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	5.68	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00109
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00109
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Arehalli guddadahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	8.09	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.0	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	108.41	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	280.2	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	72.5	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	24.3	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	402.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	32.92	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	3.5	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.8	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.18	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

*Pankaj*  
18/02/21  
Verified by

*S. J. N*  
18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00109
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00109
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Arehalli guddadahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	5.1	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]*  
18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00110
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00110
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Obadenahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	8.12	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.3	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	282.3	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	529.7	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	12.01	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	55.6	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	742.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	80.95	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	4.85	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.8	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.06	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

*[Signature]*  
Verified by

*[Signature]*  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00110
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00110
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Obadenahalli Village

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.8	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Parth*  
18/02/21  
Verified by

*S. S. S.* 18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00111
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00111
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Juttanahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
<b>Description:</b> Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	7.85	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.4	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	215.4	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	420.5	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	115.01	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	32.3	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	620.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	60.58	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	9.5	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.7	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.08	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

*[Signature]*  
18/02/21  
Verified by

*[Signature]*  
18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00111
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00111
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Juttanahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.1	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Franky S*  
18/02/21  
Verified by

*S. S. S. S.*  
05/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00112
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00112
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Yellupura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	7.94	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.0	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	52.6	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	224.8	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	56.6	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	20.2	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	318.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	34.2	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	2.8	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	1.08	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

*[Signature]*  
Verified by

*[Signature]* 18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00112
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00112
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Yellupura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.35	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Pankaj S*  
18/02/21  
Verified by

*S. B. S*  
18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00113
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00113
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water – Near Varadanahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
<b>Description:</b> Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	7.86	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.0	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	157.7	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	348.3	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	78.5	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	37.9	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	532.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	63.2	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	8.0	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	1.02	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

*[Signature]*  
18/02/21  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00113
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00113
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Varadanahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.06	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]*  
18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00114
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00114
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Adinarayanahosahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	8.31	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.6	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	192.2	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	396.3	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	76.9	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	50.6	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	568.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	94.81	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	11.1	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.73	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	0.2	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	0.23	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

*[Signature]*  
18/02/21  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00114
Report date	: 18/02/2021
Reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00114
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One sample of Borewell Water - Near Adinarayana hosahalli Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	6.73	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb:0.01, Zn:0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F:0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*[Signature]*  
Verified by

*[Signature]* 18/02/21  
Authorized by

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

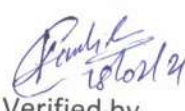
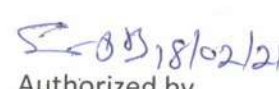
4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00115
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00115
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Arehalli guddadahalli Village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	7.9	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	262.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	430.2	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	1.4	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	3.5	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	858.0	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	140.4	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Verified by </div> <div style="text-align: center;">  Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT

### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00115
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00115
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Arehalli guddadahalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	34.4	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.014	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	8.5	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	72.5	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	20.9	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	21.5	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	22.1	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	13.5	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	12.5	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	BDL	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Pratik*  
18/02/21  
Verified by

*S. R. S.* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b>		Report No.	: RE/2021/00116
4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.		Report date	: 18/02/2021
		reference	: Test Request Form
		Sample receipt date	: 06/02/2021
		Job Order No	: RE/2021/00116
		Date of Sampling	: 06/02/2021
		Analysis start date	: 08/02/2021
		Analysis completion date	: 18/02/2021
		Sampling Protocol	: E/WP/77
Sample Qty : 1kg			
Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).			
Sample Particulars: One Soil Sample- KIADB Lab – Near Bashettihalli Village.			

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	8.3	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	186.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	190.7	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	1.23	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	3.4	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	708.0	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	70.8	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  Verified by </div> <div style="text-align: center;">  Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00116
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00116
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- KIADB Lab – Near Bashettihalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	15.1	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.009	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	8.2	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	45.1	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	15.7	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	26.3	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	35.03	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	12.1	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	11.1	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*[Signature]*  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00117
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00117
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Doddaballapura Textile Integrated Park- Project Site.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	6.83	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	350.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	543.8	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	4.0	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	3.5	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	722.0	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	68.4	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Verified by </div> <div style="text-align: center;">  Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT

### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00117
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00117
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Doddaballapura Textile Integrated Park- Project Site.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	59.0	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.08	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	6.1	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	38.4	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	29.6	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	21.8	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	24.8	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	11.9	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	8.8	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Paula*  
Verified by

*OB 18/02/21*  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00118
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00118
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Yellupura village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	7.24	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	944.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	793.7	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	0.82	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	0.9	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	19.2	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	253.7	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Verified by </div> <div style="text-align: center;">  Authorized by </div> </div>			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00118
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00118
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Yellupura village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	111.4	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.009	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	39.9	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	42.2	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	8.9	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	17.6	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	16.3	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	11.6	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	6.1	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).


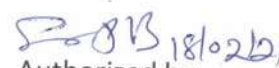
4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00119
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00119
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Stellis Biopharm- Obadenahalli -Project site.

Sl. No.	Test	Result	Protocol
<b>Description:</b> Brown Colored Soil.			
1	pH (20% Suspension)	7.9	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	115.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	411.1	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	7.8	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	1.2	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	970.9	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	80.4	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   <b>Verified by</b> </div> <div style="text-align: center;">   <b>Authorized by</b> </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00119
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00119
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Stellis Biopharama- Obadenahalli - Project site.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKVK Bengaluru
9	Sulphur as S, mg/Kg	34.4	Practical Manual for Hands on training GKVK Bengaluru
10	Nitrogen as N, %	0.011	Practical Manual for Hands on training GKVK Bengaluru
11	Phosphorous as P, mg/Kg	3.4	Practical Manual for Hands on training GKVK Bengaluru
12	Potassium as K, mg/Kg	55.6	Practical Manual for Hands on training GKVK Bengaluru
13	Copper as Cu, mg/Kg	28.3	Practical Manual for Hands on training GKVK Bengaluru
14	Chromium as Cr, mg/Kg	38.5	Practical Manual for Hands on training GKVK Bengaluru
15	Zinc as Zn, mg/Kg	29.6	Practical Manual for Hands on training GKVK Bengaluru
16	Lead as Pb, mg/Kg	16.7	Practical Manual for Hands on training GKVK Bengaluru
17	Nickel as Ni, mg/Kg	24.7	Practical Manual for Hands on training GKVK Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKVK Bengaluru

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]*  
18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)


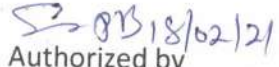
No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b>		Report No.	: RE/2021/00120
4th & 5th Floor, East Wing, Khanija Bhavan,		Report date	: 18/02/2021
Race Course Road, Bengaluru,		reference	: Test Request Form
Karnataka 560 001.		Sample receipt date	: 06/02/2021
		Job Order No	: RE/2021/00120
		Date of Sampling	: 06/02/2021
		Analysis start date	: 08/02/2021
		Analysis completion date	: 18/02/2021
		Sampling Protocol	: E/WP/77
<b>Sample Qty</b> : 1kg			
<b>Name of the Industrial Area:</b> Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).			
<b>Sample Particulars:</b> One Soil Sample- Near Juttanahalli Village.			

Sl. No.	Test	Result	Protocol
<b>Description:</b> Brown Colored Soil.			
1	pH (20% Suspension)	7.58	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	74.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	747.8	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	0.82	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	3.4	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	18.0	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	140.4	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   18/02/21  Verified by </div> <div style="text-align: center;">   18/02/21  Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00120
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00120
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Juttanahalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	19.4	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.012	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	7.9	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	20.7	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	9.82	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	10.4	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	13.03	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	6.2	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	3.6	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Kalya*  
18/02/21  
Verified by

*S. B. S.* 18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).


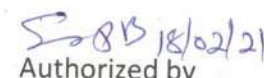
4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00121
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00121
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Varadanahalli Village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	7.4	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	202.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	612.3	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	2.27	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	1.2	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	369.3	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	135.6	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   Verified by </div> <div style="text-align: center;">   Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00121
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00121
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Varadanahalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	41.6	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.008	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	6.1	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	28.2	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	7.6	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	11.5	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	14.0	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	13.9	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	4.01	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*[Signature]*  
18/02/21  
Verified by

*[Signature]*  
18/02/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**Robust**  
innovative solution for mankind

# ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00122
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00122
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Adinarayanahosahalli Village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	6.9	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu$ hos/cm	90.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	305.6	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	4.2	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	2.5	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	366.8	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	162	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  18/02/21 Verified by </div> <div style="text-align: center;">  18/02/21 Authorized by </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





**Robust**  
innovative solution for mankind

## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00122
Report date	: 18/02/2021
reference	: Test Request Form
Sample receipt date	: 06/02/2021
Job Order No	: RE/2021/00122
Date of Sampling	: 06/02/2021
Analysis start date	: 08/02/2021
Analysis completion date	: 18/02/2021
Sampling Protocol	: E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Doddaballapura Industrial Area, 3rd Phase, Obadenahalli, Doddaballapura taluk, Bangalore Rural District, Karnataka. (Ext-696.45 A).

Sample Particulars: One Soil Sample- Near Adinarayanahosahalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	25.7	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.010	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	2.2	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	15.8	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	35.2	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	156.8	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	23.7	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	14.6	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	52.3	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*[Signature]*  
Verified by

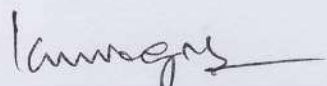
*[Signature]*  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

①

PROCEEDINGS OF ENVIRONMENTAL PUBLIC HEARING HELD AT SY No. 122/1, 2, 3 & 4 OF AREHALLI GUDDADAHALLI VILLAGE OF DODDABALLAPUR TALUK, BANGALORE RURAL DISTRICT ON 11.11.2014 AT 11.30 AM IN RESPECT OF ESTABLISHMENT OF 3RD PHASE (OBEDANAHALLI) INDUSTRIAL AREA BY KIADB IN VARIOUS SURVEY NUMBERS OF VILLAGES OF AREHALLI GUDDADAHALLI, OBEDANAHALLI, VARADANAHALLI, RAGHUNATHAPURA, KOLIPURA OF DODDABALLAPURA TALUK, AND SUNNAGATTA OF DEVANAHALLI-TQ BANGALORE RURAL DISTRICT.

1. Venue of Public Hearing : Sy No. 122/1, 2, 3 & 4 of Arehalli  
Guddadahalli Village  
Doddaballapur Taluk,  
Bangalore Rural District
2. Officers Present : 1. Smt. Salma K. Fahim  
Deputy Commissioner,  
Bangalore Rural District and Chairman of  
Public hearing committee  
2. Sri. K. M. Nagaraj  
Regional Senior Environmental Officer  
Karnataka State Pollution Control Board  
Bangalore north, Bangalore .  
3. Sri. K. S. Manjunath  
Environmental Officer,  
KSPCB, Doddaballapura  
4. Smt. Vani. A  
Assistant Environmental Officer,  
KSPCB, Doddaballapura.  
5. Smt. Vasanthashree C.N  
Assistant Environmental Officer,  
KSPCB, Peenya.
3. Representatives of the Project : 1. Sri Ramu  
Development Officer KIADB  
2. Sri. Mohankumar  
Deputy Development Officer, KIADB  
3. Sri. Thammaiah  
Asst Engineer KIADB  
4. Sri. Shivegowda  
SLAO-2, KIADB
4. Consultant Details : 1. Dr. Jayasheelan  
Representative of ABC Techno labs India  
Pvt Ltd  
2. Smt. Manjula,  
Representative of ABC Techno labs India  
Pvt Ltd
5. Name of the Public Participants : Annexure - I





(2)

2

KARNATAKA INDUSTRIAL AREA DEVELOPMENT BOARD has proposed the project of Establishment of Doddaballapura 3<sup>rd</sup> phase (Obedanahalli) Industrial Area at various survey numbers of Arehalli Guddadahalli, Obedanahalli, Raghunathapura, Kolipura of Doddaballapura tq, and Sunnagatta of Devanahalli-tq Bangalore Rural Dist, Karnataka. The project proponent has to obtain Environment clearance for its proposed 3<sup>rd</sup> phase Industrial Area Development project from State Level Environment Impact Assessment Authority, Karnataka as per notification of Ministry of Environment and Forest, Government of India, dated 14.09.2006 and is required to go thorough Environmental public hearing .

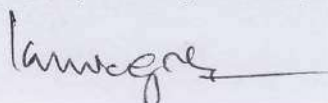
As per, State Level Environment Impact Assessment Authority, Karnataka , terms of reference letter no: KSEAC/MEETING/2013 dated 14.03.2014 and request of project proponent vide letter dated 27.03.2014 and letter of Deputy Commissioner , Bangalore Rural Dist , Bangalore dated 25.09.2014 the public hearing was arranged on 11.11.2014.

In view of the above, the Project proponents have prepared REIA report and Executive Summary of the said Project in Kannada and English version which has been submitted to Karnataka State Pollution Control Board, Bangalore in accordance with EIA notification.

The Environmental Public Hearing notification was published in leading newspapers of Karnataka State i.e. "Vijayakarnataka" (Kannada), "Deccan Herald" (English) on 12.10.2014 regarding the Project, by inviting suggestions, views, comments and objections of interested bonafide residents, environmental groups and others located at project site and likely to be affected by the proposed project within 30 days from the date of publication of the Notification. Paper notification enclosed vide annexure-2

Also, the draft Rapid Environment Impact Assessment (REIA) report and Executive Summary were kept in the following designated places.

1. Deputy Commissioner Office, Bangalore Rural District, Bangalore,
2. Chief Executive Officer, Zilla Panchayat, Bangalore Rural District,
3. District Industries Centre, Bangalore Rural District, Bangalore,
4. Village Panchayat Office, Bashettihalli ( Since the Arehalli Guddadahalli village coming under Bashettihalli gram panchayat limits), Doddaballapur Taluk, Bangalore Rural District,
5. Regional Office, Karnataka State Pollution Control Board, Doddaballapura, Urban Eco Park, 100 Feet Road, 3<sup>rd</sup> Stage, Peenya Industrial Area, Bangalore – 560058,
6. South Zone Office, MOEF, No. E-3/240, Kendriya Sadan, 4<sup>th</sup> Floor, E & F Wings, 17<sup>th</sup> Main Road, 2<sup>nd</sup> Block, Koramangalore, Bangalore.



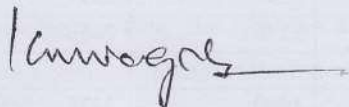
7. Karnataka State Pollution Control Board, Head Office, Parisara Bhawana, No. 47, church Street, Bangalore – 560 001
8. City Municipal council, Doddaballapura

The Environmental Public Hearing was conducted on 11.11.2014 at Sy No. 122/1, 2,3 &4 of Arehalli Guddadahalli Village of Doddaballapura Tq, Bangalore Rural District, Sri K.S.Manjunath, Environmental Officer, Karnataka State Pollution Control Board, Doddaballapura welcomed Deputy Commissioner, Bangalore Rural District, Senior Environmental Officer, Karnataka State Pollution Control Board ( KSPCB), all the public, all the officials of various concerned departments, elected representatives and members and staff of the project.

Sri. K.M. Nagaraj, Senior Environmental Officer, Karnataka State Pollution Control Board, Bangalore North Region, has briefly explained the need for Environmental Clearance from State Level Environment Impact Assessment Authority and Environmental Public hearing as per EIA Notification. He informed that publicity was given in the news papers and explained the procedure of the public hearing and the documents kept for public access. He requested the Deputy Commissioner to chair the public hearing meeting. Deputy Commissioner informed the KIADB authorities to give presentation on the above said project.

Smt. Manjula representative of M/s ABC Techno labs India Private Limited (Consultant of KIADB) gave presentation about the project, brought out the details of the proposed development activity and made power point presentation, and highlighted the following details.

1. Location of the project: The project site is located Doddaballapura tq, Bangalore rural dist. The area lies in the northern latitude of  $13^{\circ} 16' 33.2''$ N and eastern longitude of  $77^{\circ} 34' 43.2''$ E.  
The proposed area covers the land in the village limits of Arehalli guddadahalli, Obedanahalli, Raghunathapura, Varadanahalli, Kolipura of Doddaballapura tq & Sunnaghatta of Devanahalli –tq. Nearby high way is NH-207 and S.H-9. Total area acquired for the project is 696.24 Acres (281.84Hactres).
2. Total cost of the project: 553.13 Crores.





4

3. The project land use details is as under:

Sl. No.	Description	Acres	Hectares	% of land use
1	Industrial	312.36	126.4	44.85
2	CA	34.81	14.08	5.0
3	utility	23.77	9.61	3.41
4	Commercial	9.09	3.67	1.31
5	Residential	71.9	29.09	10.32
6	Park Area	71.64	28.98	10.29
7	15 mt Buffer zone	48.0	19.42	6.89
8	Truck parking area	34.81	14.08	5.0
9	Roads	89.5	36.21	12.85
Total		696.45	281.84	100

4. Water Requirement and Supply:

The current source of water is from BWSSB of Yelahanka, and during construction stage the water is drawn from BWSSB of Devanahalli. The estimated water requirement is 9.0MLD, out of which 7.1MLD will be for industrial purposes and 1.9MLD for domestic purpose. There is discharge of 5.7MLD as trade effluent and 1.52MLD of Domestic Sewage. KIADB is proposed to set up a STP of 1.6 MLD for treatment of sewage effluent. The respective Industries have to set up their own treatment systems on zero liquid concepts for treatment of trade effluents. The treated effluent will be recycled for industries and for gardening purposes. The average water requirement for the proposed project will be 250KLD during construction and 9MLD during the operations phase as estimated. Water conservation and rain water harvesting plan will also be implemented to conserve the resources.

5. Power Requirement and Supply:

The total estimated power requirement for the project development is 52.2MVA and 5.6Ac provided for substation. The source of power will be BESCOM

6. Estimated solid waste quantity:

The estimated quantity of generation of solid waste on the basis of population and land use characteristics is as follows:

Sl No.	Solid waste	Bio-degradable in kg/day	Recyclable in kg/day	Non-Biodegradable in kg/day	Total waste from different phases in kg/day
1	Industrial Waste	266	71	254	591
2	Municipal waste	1199	320	1146	2665
3	STP sludge	160			
Total solid waste in kg/day		1625	391	1400	3416

*Kmug*

7. Air Environment: Ambient air quality monitoring will be done once in three months. That includes analysis of  $PM_{10}$ ,  $PM_{2.5}$ ,  $SO_2$ ,  $NO_x$  and  $CO$ .

8. Noise Monitoring: Monitoring of DG set will be once in three months.

AS per the Environmental management plan,- The quality of the soil is normal, Quality of ground water is fit for the drinking purposes, and air quality will be as per the KSPCB standards.

9. Topo map showing the project site and surround details

10. Proposed project falls under Category : B

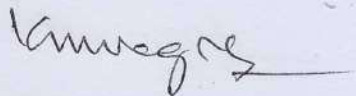
11. Environmental Setting of the study area:

- The project site is at an elevation of 900m above Mean Sea Level.
- Max and Mini temperature is  $34.0^{\circ}C$  and  $15.0^{\circ}C$  respectively.
- There are no Archaeologically important places , National Parks and Reserved/ Forests nearby
- The nearby water bodies are: Shivapura Lake, KG Kuntanahalli Lake, Doddaballapura Lake, Hesaraghatta Lake, Bannimangala Lake, and Kollur Lake.
- There are no defense installations within 10km radius.

12. Environmental Management Plan:

- Air Pollution Control measures: Air Pollution due to incinerator, boilers and other unit operations shall be done by installation of Scrubber, Bag house and stack of suitable heights etc.,
- Noise Pollution: The protective measures for the noise pollution include installation of silencers, anti vibration pads, enclosures and ear plugs for the workers.
- Water Pollution: In order to mitigate the impacts on the water environment, infrastructural facilities like provision of adequate storm water drains, effluent collection and conveyance including treatment shall be provided
- Solid and Hazardous waste management: With respect to the hazardous waste, industries will store in temporary onsite storage facilities. The disposal of hazardous waste is under taken by entering into an agreement with the Common hazardous waste treatment and disposal facility.

The Deputy Commissioner, Bangalore Rural Dist addressed the gathering and informed that KIADB has proposed Doddaballapura 3<sup>rd</sup> Phase Indl Area which will provide job opportunities, economic improvement among the localities and revenue increase to the Government. Further the Deputy Commissioner indicated that the Industrial Development is necessary and on the contrary the





Environment protection is also of prime importance. The Deputy Commissioner appealed to the people to express their views, queries, suggestions, and comments, regarding proposed project. It was also brought into the notice of the public present in the venue, that the audio and video of entire proceedings of public hearing will be recorded and sent to the SEIAA for further consideration.

Following are the opinions/objections and the suggestions expressed by the gathered public:

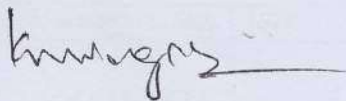
**1. Sri. Seetharam, Ardeshalli, Doddaballapura Tq: The points raised is as under**

- He informed that the figures regarding the generation of solid waste as indicated in presentation is on lower side. It requires re-estimation.
- At present the solid wastes from the existing industrial area is being dumped in an unscientific manner. He urged that the infrastructure for managing the Solid Waste and other wastes should be made in proposed industrial area before the setting up of industries
- The waste water treatment systems should not be set up near the lakes/water bodies.
- He requested action on the people who are dumping wastes on road sides and vacant lands

**2. Sri. Muniyappa, Taluk Panchayath member,** expressed that the existing CETP is not working since long time resulting in the pollution of lakes nearby, and the same may be put into commission immediately. Based on this he suggested to provide the basic amenities prior to the establishment of industrial area. Apart from the environmental issues he requested to reserve the jobs for people who lost their land for the purpose of the development of new industrial area. Also the entrepreneur should give first preference to the local people, SC/ST's while giving jobs. He urged to take immediate action for establishment of ESI hospital in Apparel park since large number of employees are working in the area.

The Deputy Commissioner asked the KIADB development officer to furnish the information for the above question. The Development Officer Sri Ramu, of KIADB has asked the public to give the list of family members along with the details of educational qualification so that they can direct the industrialists to provide jobs. Further with respect operation of CETP he informed that CETP will be handed over to the Industrial Association for operation and maintenance.

**3. Sri. Munisubbaih, Obedanahalli,** Pointed out that major portion of land acquired by the KIADB belongs to Obedanahalli which has high population of SC/ST's. He asked to revise the land rates.



4. Sri. ChannaKrishnappa, School Teacher urged that KIADB, should evaluate the cost for the plantations which are cut under the project, and to release the compensation at the earliest to those whose lands have been acquired

Replying to the above the KIADB Officer informed that valuations have already been done and compensation will be given shortly.

5. Sri. Gopi, Bisuvanahalli, opined that the Industries are polluting the lakes, so the first preference should be given to the proper treatment of waste water. Earlier it was proposed to give the water supply to Bisuvanahalli-village but the same has not materialized till date. In this regard concerned authority should give importance for water supply facility to Bisuvanahalli-village.

6. Sri. Arun Kumar, Sunaghatta village, suggested, not to give permission to the chemical industries and to industries which generate large quantity of solid waste and waste water. He requested to provide jobs for local people, playground and burial ground at Sunaghatta village.

7. Sri. Manjunath, Doddaballapura, expressed that since there is a lot of scarcity of water in Doddaballapura Tq, he requested not to permit the establishment of textile industries as it consumes large quantity of water. Only less water consuming units should be allowed.

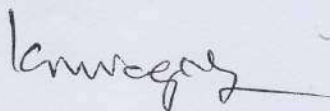
8. Sri Ramanjunathappa, suggested to provide plantations with guards and proper drainage system in the proposed industrial area.

9. Sri. Sandeshkumar, Ardeshanahalli, expressed the following views

- To take action to provide a system which prevents flow of waste water from proposed indl area towards Ardeshanalli Village, since it is located on downstream side of proposed area.
- Plantation work has to be done
- Job for those who lost land

The Deputy Commissioner, insisted KIADB officers to take action to provide suitable jobs, for local people who lost the land for the project. In this regard KIADB authorities informed that the conditions will be stipulated in the site allotment letter to give suitable jobs to local people based on their qualification. Many people intervening in the matter demanding to provide suitable jobs even for farmers who have not studied/literate.

In this contest the Deputy Comissioner opined that, to provide suitable/necessary industrial training for illiterate people to make them fit for jobs in the industries.





10. Sri. Vijaykumar, Doddaballapura: He expressed and highlighted the following points.

1. The KIADB has submitted application for conducting public hearing 27.03.2014 but public hearing conducted after 7 months time. He claimed that public hearing date shall be announced within 7 days of request made by the project proponent and not after 7 months, thereby there is lot of delay in following the procedure for public notification. The Board has failed to provide the necessary information regarding the development of 3<sup>rd</sup> phase industrial area to the public in time.

2. He further opined that the entire project area is falls in T.G halli catchment area and is near to Nandi hills and is considered as eco sensitive area. Only green category industries are allowed in T.G halli catchment area as per notification. KIADB has considered the project under B category, however since the project proposed falls in T.G halli Catchment area the project falls under A category and clearance is to obtained from Central Government. In the report the exact extent of land is not reflected and is more than what it is indicated, and falls in sensitive zone, hence KIADB is required to obtain Environmental Clearance from MOEF Govt of india considering the project is under A category and not under B category, as informed.

3. As per notification the project or activities shall require prior environmental clearance certificate from the regulatory authority before any construction work or preparation of land by the project management is started on the project.

But the KIADB is conducting the public hearing after acquisition of land and completion of developmental works in the proposed area. He expressed his views that this is a clear violations of guide lines.

4. Discrepancies in the REIA report:

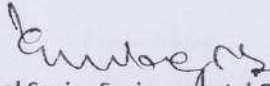
- In paper notification on the places of availability of the REIA report and executive summary is wrongly mentioned with respect to Village Panchayth of Arehalli guddadahalli Village. He stated that there is no such office, but Village panchayath is located in the Bashettihalli.
- Wrongful and misrepresentation of facts of the project are submitted. Also he expressed that the EIA report prepared by the KIADB is incomplete and not informative in respect of locations of various features and technical aspects.
- There are printing mistakes in the Kannada version of Executive summary, i.e. Dabaspete 3<sup>rd</sup> phase instead of Doddaballapura 3<sup>rd</sup> phase.

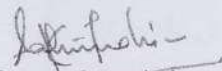
*[Signature]*

- The project report which is available in the website includes some details of Udupi rural district reports and the Dabaspete project site has been shown in the TOPO sheet similarly Drainage Topo sheet of Dabaspete has been shown instead of Doddaballapura hence misguiding the public.
- The noise level graph representation in the report is different from the actual values.
- The actual distances of Nandi Hills, BIAL, IAF Base at yalahanka are not indicated in the topo sheet and Hesaraghatta tank shown in the NW direction is wrong
- The existing water bodies in and around the site were not indicated in report.

As a conclusion he expressed his opinion that there are many violations and hence the matter should be viewed seriously, before further action is taken by the competent authority.

KIADB officer concluded the meeting by thanking Deputy Commissioner, Bangalore Rural District, Mr. K.M. Nagaraj, Senior Environmental Officer and local people/participants.

  
Regional Senior Environmental Officer 10/12  
Karnataka State Pollution Control Board  
Bangalore North, Bangalore

  
Deputy Commissioner  
Bangalore Rural District



OFFICERS PRESENT DURING THE PUBLIC HEARING,  
CONDUCTED ON 11-11-2014 AT 11:30 AM AT  
IN RESPECT OF ESTABLISHMENT OF KIADIS INDU AREA, 3<sup>rd</sup> PH  
DODDABALLAPURA.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪರಿಸರ ಮತ್ತು ಹಳ್ಳಿಗಳ ಸಚಿವರು

ಅಧ್ಯಕ್ಷರು

1. Deputy Commissioner.  
Bengaluru Rural - Dist -  
Bengaluru.

*[Signature]*

2. Senior Environmental Officer.  
K.S.P.C.B., Bengaluru North

*[Signature]*  
11.11.2014

3. Assistant Environmental Officer.  
K.S.P.C.B., Peenya

Vasanthashree C.N.  
11.11.2014.

4. Assistant Environmental Officer  
K.S.P.C.B. R.O. Doddaballapura

*[Signature]*  
11.11.2014





HN Menge in CAC 2 KANON. (K)  
 1.0. vorgezeichnet. Das me. Inhaltli. Qualit. d. G. me. in

Estimappa, Assistant Engineer (cler)  
B. H. B. Singh

P. m... ..  
... ..  
... ..  
... ..  
... ..  
... ..  
... ..

On the 2nd of Dec. 1897  
 6th of Dec. 1897

D.N-78 ek  $\Delta$  = 30%  $\Delta$   $\Delta$

[illegible]

ॐ नमो भगवते वासुदेवाय,  
 कृष्णाय नमः  
 श्रीकृष्णाय नमः

இந்தியாவில், மத்திய அரசு,  
உள்ளூர் அரசுகள்

Prinț Reșor  
reșor-jurpru

Dr. L. J. Jones

Chas. J. Dor.  
11/11/14,  
A. A. E. E.

~~Class~~ 11/11/14

11/11/2014

5. Chief  
of the 1st/4

(B)

சென்னை  
தென்மேல்  
தென்மேல்

சென்னை

சென்னை  
தென்மேல்  
தென்மேல்

சென்னை

N. சென்னை  
தென்மேல்  
தென்மேல்

சென்னை

சென்னை  
தென்மேல்

சென்னை

G. R. சென்னை  
தென்மேல்

சென்னை

தென்மேல் தென்மேல் தென்மேல் தென்மேல்

சென்னை  
தென்மேல் (v)  
தென்மேல் (v)  
தென்மேல் (v)

சென்னை

தென்மேல்  
தென்மேல்  
தென்மேல் (p)  
தென்மேல் (v)

தென்மேல்



Ein Haumather Geseel  
 Hordthm Gwoldenhalt  
 mit den

Gilt sel

on wood ore dtd

19

ಪರಿಸರಮಾಲಿನ್ಯ ಸಾರ್ವಜನಿಕ ಸಭೆಗೆ ಅಕ್ಷೇಪಣೆಗಳು

ದೊಡ್ಡಬಳ್ಳಾಪುರ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ ೩ನೇ ಹಂತ

ದೊಡ್ಡಬಳ್ಳಾಪುರ ತಾಲ್ಲೂಕು

ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ

ತಾ|| ೦೪-೦೦-೨೦೦೪

ಇವರಿಗೆ,

ಮಾನ್ಯ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು,

ಸಭಾಧ್ಯಕ್ಷರು,

ಪರಿಸರಮಾಲಿನ್ಯ ಸಾರ್ವಜನಿಕ ಸಭೆ ಸಮಿತಿ,

ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ

ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧

ಗೌರವಾನ್ವಿತ ಸಭಾಧ್ಯಕ್ಷರು,

23257  
KSPCB, Bangalore

ತಾವುಗಳು ನಮಗೆ ತಾ|| ೦೧-೦೧-೨೦೦೪ ರಂದು ನಡೆದ ಪರಿಸರಮಾಲಿನ್ಯ ಸಾರ್ವಜನಿಕ ಸಭೆಯಲ್ಲಿ ಉದ್ದೇಶಿತ ದೊಡ್ಡಬಳ್ಳಾಪುರ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ ೩ನೇ ಹಂತ, ದೊಡ್ಡಬಳ್ಳಾಪುರ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ ಸ್ಥಾಪನೆ ಬಗ್ಗೆ ನಮ್ಮ ಅಕ್ಷೇಪಣೆಗಳನ್ನು / ಅಹವಾಲುಗಳನ್ನು ಹೇಳಿಕೊಳ್ಳಲು ಅವಕಾಶ ಮಾಡಿಕೊಟ್ಟಿದ್ದಕ್ಕಾಗಿ ಧನ್ಯತಾಭಾವದಿಂದ ತುಂಬಾ ಧನ್ಯವಾದಗಳನ್ನು ತಿಳಿಸಲು ಇಚ್ಛಿಸುತ್ತೇವೆ.

ನಾವುಗಳು, ಪರಿಸರವಾದಿಗಳಾಗಿ, ಸ್ವಯಂಸೇವಾ ಸಂಸ್ಥೆಗಳು, ಮುಖಂಡರು ಮತ್ತು ರೈತರಾಗಿ ತಿಳಿಯಪಡಿಸುವುದೆಂದರೆ, ಉದ್ದೇಶಿತ ಯೋಜನೆಯು ಪ್ರಕೃತಿಯ ಸಂಪನ್ಮೂಲಗಳ ಅತೀ ಬಳಕೆಯಿಂದ ವಿಶೇಷವಾಗಿ ಸುತ್ತಮುತ್ತ ಹಳ್ಳಿಗಳ ಜನರಿಗೆ ಮತ್ತು ಸಾರ್ವಜನಿಕವಾಗಿ ಬೆಂಗಳೂರು ಪ್ರಾಂತ್ಯದ ಜನರಿಗೆ ಅನುಕೂಲಕ್ಕಿಂತ ಹೆಚ್ಚು ಅನಾನುಕೂಲವಾಗಿ ಪರಿಣಮಿಸುತ್ತದೆಂದು ಭಾವಿಸುತ್ತೇವೆ.

ನಾವುಗಳು ತಮ್ಮ ಗಮನಕ್ಕೆ ತರುವ ವಿಷಯವೆಂದರೆ, ಸಂಬಂಧಪಟ್ಟ ಯೋಜನಾ ಪ್ರತಿಪಾದಕರು ಮತ್ತು ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳು ಈ ವಿಷಯವಾಗಿ ಮಾಡಿರುವ ಉಲ್ಲಂಘನೆಗಳು / ಕಾನೂನುಬಾಹಿರಗಳು ನಮ್ಮ ಸುತ್ತಮುತ್ತ ಪ್ರದೇಶಗಳು / ಹಳ್ಳಿಗಳು ಸಂಪೂರ್ಣವಾಗಿ ನಾಶ ಮಾಡಿ, ಫಲವತ್ತಾದ ಕೃಷಿ ಭೂಮಿಗಳು ಕಮ್ಮಿಯಾಗಿ, ಈ ಪ್ರದೇಶದಲ್ಲಿ ವಾಸಿಸುವ ಜನರ ಏಕೈಕ ಜೀವನಾಧಾರವನ್ನು ಕಸಿದುಕೊಳ್ಳುತ್ತದೆ. ಈ ಪ್ರದೇಶದ ಮೂಲ ಕಸುಬು ಕೃಷಿ ಮತ್ತು ಇಲ್ಲಿನ ವಾತಾವರಣ ಕೃಷಿ / ತೋಟಗಾರಿಗೆ ಮತ್ತು ಹೈನುಗಾರಿಗೆ ಅನುಕೂಲಸಿಂಧು.

ತಮ್ಮಲ್ಲಿ ಕಳಕಳಿಯಿಂದ ಕೇಳಿಕೊಳ್ಳುವುದೆಂದರೆ, ಸಂಬಂಧಪಟ್ಟ ಕಾಯ್ದೆಗಳ ಸಾಂವಿಧಾನಿಕ ಅಧಿನಿಯಮಗಳು ಮತ್ತು ಸರ್ಕಾರ ನೀಡಿದ ಸೂಚನೆಗಳ ಸಂಪೂರ್ಣ ಉಲ್ಲಂಘನೆ ಆಗಿರುವ ಈ ಪ್ರದೇಶದಲ್ಲಿ ಎಲ್ಲಾ ರೀತಿಯ ಚಟುವಟಿಕೆಗಳನ್ನು ನಿಲ್ಲಿಸುವಂತೆ ಮತ್ತು ಈ ಪ್ರದೇಶದ ರೈತರ ಜೀವನಾಡಿಯಂತಿರುವ ಕೃಷಿ ಭೂಮಿಯನ್ನು ಕಾಪಾಡಬೇಕೆಂದು ನಮ್ಮ ಮನವಿ.

೧. ಸಾರ್ವಜನಿಕ ಸಭೆಯ ಮುಂದುವರಿದ ಭಾಗವಾಗಿ, ಸಭಾಸ್ಥಳದಲ್ಲಿ ಲಿಖಿತ ದೂರು ಪಡೆದುಕೊಳ್ಳದಿದ್ದರಿಂದ, ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ನಮ್ಮ ಅಹವಾಲು ಮತ್ತು ಅಕ್ಷೇಪಣೆಗಳನ್ನು ತಮ್ಮ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಪರಿಗಣನೆಗೆ ನಾವುಗಳು ಇಲ್ಲಿ ಮುಖ್ಯವಾದವುಗಳನ್ನು ಹೆಸರಿಸುತ್ತಿದ್ದೇವೆ. ಅಂತೆಯೇ, ತಮ್ಮಲ್ಲಿ ವಿನಂತಿಸಿಕೊಳ್ಳುವುದೆಂದರೆ, ಅಂದು ಸಭಾಸ್ಥಳದಲ್ಲಿ ನಡೆದ ನಡವಳಿಕೆಗಳ ದಾಖಲಾತಿ ಅಂದರೆ, ವೀಡಿಯೋ ಚಿತ್ರೀಕರಣದ ಪ್ರತಿ ಮತ್ತು ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳ ವರದಿ ಮತ್ತು ತಮ್ಮ ಕಛೇರಿಯಿಂದ ಕ್ರಮ ತೆಗೆದುಕೊಂಡ ವರದಿಗಳ ವಿವರ, ಇವುಗಳನ್ನು ನೀಡಬೇಕೆಂದು ಪ್ರಾರ್ಥನೆ.

೨. ಶುರುವಿಗೆ, ಕಾರಣ ಮತ್ತು ಅಕ್ಷೇಪಣೆ ಏನೆಂದರೆ, ಉದ್ದೇಶಿತ ಯೋಜನೆಯು ಅರ್ಕಾವತಿ ನದಿಯ ದಾರಿಯಲ್ಲಿದ್ದು, ಅದರ ಹುಟ್ಟು ನದಿಬೆಟ್ಟದಲ್ಲಿ, ಕಾವೇರಿ ನದಿ ಪ್ರಾಂತ್ಯದ ಒಂದು ಭಾಗಕ್ಕೆ ಒಳಪಡುತ್ತದೆ. ಅಂತೆಯೇ, ಅರ್ಕಾವತಿ ನದಿಯು ತೊರಗಳಲ್ಲಿ ಒಂದಾಗಿ, ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯದಲ್ಲಿ ಕುಮುದ್ವತಿ ನದಿಯೊಂದಿಗೆ ಬೆರೆತು, ಬೆಂಗಳೂರು ಮತ್ತು ಸುತ್ತಮುತ್ತ ಪ್ರದೇಶಗಳಿಗೆ ಕ್ರಿ.ಶ. ೧೯೩೦ ರಿಂದ ಕುಡಿಯುವ ನೀರಿನ ಮೂಲವಾಗಿ, ನಂತರದಲ್ಲಿ ಕೆಳಭಾಗದಲ್ಲಿ ಕಾವೇರಿ ನದಿಯಲ್ಲಿ ಸೇರುತ್ತದೆ.



೩. ಈ ಯೋಜನೆಯು ಸಂಪೂರ್ಣವಾಗಿ ತೀವ್ರಗೊಂಡವರಲ್ಲಿ ಜಲಾಶಯದ ಜಲಾನಯನ ಪ್ರದೇಶದಲ್ಲಿದ್ದು, ಇದು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದವರ ನಂ. ಎಸ್‌ಎಸ್‌ಎಸ್ ೨೦೩ ಇವನಿವಿ ೨೦೦೦ ತಾ|| ೦೪-೦೧-೨೦೦೩ ರಲ್ಲಿ ಅತೀ ಸೂಕ್ತ ಪ್ರದೇಶವೆಂದು ಘೋಷಿಸಲ್ಪಟ್ಟಿದೆ. ಕೈಗಾರಿಕಾ ಚಟುವಟಿಕೆಗಳನ್ನು ನಿಲ್ಲಿಸದಿದ್ದಲ್ಲಿ, ಅರ್ಕಾಪತಿ ನದಿಯು ತಂತಾನೆ ನೈಸರ್ಗಿಕ ಸಾವನ್ನಪ್ಪಿ, ಭವಿಷ್ಯದಲ್ಲಿ ನೀರು, ದುರ್ಲಭ್ಯವಾದ ವಸ್ತುವಾಗಿ, ಜಗಳ/ದಾವೆಗಳನ್ನು ಹಾಕಲು ದಾರಿ ಮಾಡಿಕೊಡುತ್ತದೆ. ಆದುದರಿಂದ, ಅಮೂಲ್ಯವಾದ ನೀರನ್ನು ರಕ್ಷಿಸಿ.
೪. ಈಗಾಗಲೇ, ಈ ಪ್ರದೇಶದಲ್ಲಿ ಬೇಕಾದಷ್ಟು ಕೈಗಾರಿಕಾ ಪ್ರದೇಶಗಳಿದ್ದು, ತಪ್ಪಾಗಿ ಹಾಕುವ ಕಸದರಾಶಿ, ಅವೈಜ್ಞಾನಿಕವಾಗಿ ಪರಿತ್ಯಜ್ಯ, ಘನತ್ಯಜ್ಯ ಮತ್ತು ಅಪಾಯಕಾರಿ ತ್ಯಾಜ್ಯದ ಹೊರದೂಡುವಿಕೆ, ಪರಿಸರದ ಮೇಲೆ ಗಂಭೀರ ಗಾಯಮಾಡಿ, ಅದನ್ನು ಕಲುಷಿತಗೊಳಿಸಿ, ಗಾಳಿ - ಚರ್ಮರೋಗಕ್ಕೆ ದಾರಿಮಾಡಿ, ಮತ್ತು ನೀರು - ಕಲುಷಿತವಾದ ಅಂತರ್ಜಲ ಮತ್ತು ಕೆರೆ, ಪೆರು ಮತ್ತು ಜನರ ಕುಡಿಯುವ ನೀರಿನ ಮೂಲ, ಮತ್ತು ಭೂಮಿ - ಪರಿಷ್ಕರಿಸಿದ ಪರಿತ್ಯಜ್ಯದ ಒಳನುಸುಳುವಿಕೆಯಿಂದ ಭೂಮಿಯ ಫಲವತ್ತತೆಯ ಸಾಕು ಮತ್ತು ಕಲುಷಿತ ತರಕಾರಿಗಳು, ಜೀವರಾಶಿಗಳ ಜೀವನ ಕಷ್ಟಕರವಾಗಿಸಿದೆ.
೫. ಅಪರಲ್ ಪಾರ್ಕ್ ಹಂತ-೧ ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿರುವ ಹಾಲಿ ಎಸ್‌ಟಿಪಿ/ಸಿಇಟಿಪಿ ಯು ಸುಮಾರು ೩-೪ ವರ್ಷಗಳಿಂದ ಕೆಲಸ ಮಾಡುತ್ತಿಲ್ಲ ಮತ್ತು ಅಪರಲ್ ಪಾರ್ಕ್‌ನಿಂದ ತಯಾರಾದ ಪರಿತ್ಯಜ್ಯ / ಅಪಾಯಕಾರಿ ತ್ಯಾಜ್ಯ ಈ ಪ್ರದೇಶದ ಕೆಳಭಾಗದಲ್ಲಿರುವ ಕೆರೆಗಳನ್ನು ಕಲುಷಿತಗೊಳಿಸಿ, ಅಂದರೆ, ಬಾಚೆಟ್ಟಿನಲ್ಲಿ ಕೆರೆ, ವೀರಾಪುರ ಕೆರೆ, ಬೆಕ್ಕತುಮಕೂರು ಕೆರೆ, ಮುಂದೆ ಹೆಸರನ್ನಟ್ಟ ಕೆರೆ ಸೇರಿ, ತೀವ್ರಗೊಂಡವರಲ್ಲಿ ಜಲಾಶಯದಲ್ಲಿ ಕೊನೆಗೊಳ್ಳುತ್ತದೆ, ಇಲ್ಲಿಂದ ಬಿಡಬ್ಬುವ ಎಸ್‌ಎಸ್‌ಬಿ ಪತಿಯಿಂದ ಬೆಂಗಳೂರು ಮತ್ತು ಸುತ್ತಮುತ್ತ ಪ್ರದೇಶಗಳಿಗೆ ನೀರು ರವಾನೆಯಾಗುತ್ತದೆ.
೬. ಸಂಪೂರ್ಣ ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆಯು ಅಂತರ್ಜಲ ಕುಸಿತ ಮತ್ತು ಕಲುಷಿತದಿಂದಾಗಿ ಗಣಿ ಮತ್ತು ಭೂವಿಜ್ಞಾನ ಇಲಾಖೆಯವರು ಅತೀಯಾದ ಅಂತರ್ಜಲ ಬಳಕೆ ಪ್ರದೇಶವೆಂದು ಘೋಷಿಸಿದ್ದಾರೆ. ಅಂತೆಯೇ, ಅಂತರ್ಜಲದಲ್ಲಿ ಕ್ಲೋರೈಡ್, ಸ್ಫೋರೈಡ್ ಮತ್ತು ನೈಟ್ರೇಟ್‌ಗಳು ಗರಿಷ್ಠ ಮಿತಿ ಮೀರಿದೆಯೆಂದು ವರದಿಯಲ್ಲಿ ಉಲ್ಲೇಖಿಸಲಾಗಿದೆ.
೭. ಬೇಕಾದಷ್ಟು ಸಾರಿ ಪರಿತ್ಯಜ್ಯ / ಕಲುಷಿತ / ಪರಿಷ್ಕರಿಸಿದ ಅಪಾಯಕಾರಿ ತ್ಯಾಜ್ಯಗಳು ಕಾರ್ಖಾನೆಗಳಿಂದ ಉಕ್ಕಿಹರಿದ ಪ್ರಸಂಗವನ್ನು ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಯವರಿಗೆ ವರದಿ ನೀಡಿ ಮತ್ತು ಗಮನಕ್ಕೆ ತಂದರೂ ಏನೂ ಪ್ರಯೋಜನವಾಗಲಿಲ್ಲ. ಯಾವುದೇ ಕ್ರಮವನ್ನು ಕೈಗೊಳ್ಳದ ಪ್ರಯುಕ್ತ ಇಂತಹ ಅನಾಹುತಗಳು ಸಂಭವಿಸಿ ಕಲ್ಮಷವು ಅಂತರ್ಜಲದಲ್ಲಿ ಬೆರೆತು ಮತ್ತು ಆಹಾರಧಾನ್ಯ ಮತ್ತು ತರಕಾರಿಗಳ ಇಳುವರಿಯನ್ನು ಹಾಳುಮಾಡಿ ಪರಿಸರವನ್ನು ಶಾಶ್ವತವಾಗಿ ನಾಶಪಡಿಸಿದೆ.
೮. ಇಂತಹ ಪ್ರಕೋಪಗಳನ್ನು ತಡೆಯಲು ನಾವುಗಳೇ ಸ್ವತಃ ಸ್ವಂತ ಖರ್ಚಿನಿಂದ ನಮ್ಮ ಪ್ರದೇಶ ಮತ್ತು ನಮ್ಮ ಜೀವಗಳನ್ನು ಕಾಪಾಡಿಕೊಳ್ಳಲು ತಾತ್ಕಾಲಿಕ ಪರಿಹಾರಗಳನ್ನು ಮಾಡಿದ್ದೇವೆ. ಅದಕ್ಕೆ ಸಂದ ಪ್ರತಿಫಲ, ಕೆಲಜನರನ್ನು ಹೆದರಿಸಿ ಮತ್ತು ಕಷ್ಟಪಟ್ಟಲ್ಲಿ ಅವರನ್ನು ರಾಡ್‌ಗಳಂತೆ ಸ್ಥಳೀಯ ಪೋಲೀಸ್ ಸ್ಟೇಷನ್‌ನಲ್ಲಿ ದಾಖಲಿಸಿರುವುದು. ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಯವರ ನಿರ್ಲಕ್ಷ್ಯತೆಯು ಕ್ಷಮಿಸಲು ಅನರ್ಹ, ಈ ವಿಧ್ವಂಸಕದಿಂದ ನಮ್ಮ ಜೀವನ ಮತ್ತು ಜಾನುವಾರಗಳಿಗೆ ಶಾಶ್ವತವಾದ ಹಾನಿಯಾಗಿದೆ. ಈ ಉದ್ದೇಶಿತ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳ್ಳಬೇಕಾದುದರಿಂದ, ಆಗ ಈ ಪ್ರದೇಶದ ಜನರಿಗೆ ಭಯಾನಕ ಸ್ವಪ್ನವಾಗುತ್ತದೆ.
೯. ಅಂತೆಯೇ, ಕುರಿತ ಕೃಷಿ ಭೂಮಿಯಿಂದಾಗಿ ಮೇವಿನ ಕುಸಿತದಿಂದ ಹೈನುಗಾರಿಕೆಗೆ ಹಿನ್ನಡೆಯುಂಟಾಗಿದೆ ಮತ್ತು ಈ ವಿಪತ್ತಿನ ಜೊತೆಯಲ್ಲಿ, ಕೆರೆಯ ನೀರು ಕಲುಷಿತಗೊಂಡಿರುವುದರಿಂದ ಹಾಲಿನ ಉತ್ಪಾದನೆ ಕುರಿತಗೊಂಡು ಮತ್ತು ಹಾಲಿನ ಗುಣಮಟ್ಟ ಕುಸಿತ ಕಂಡು, ಪ್ರಾಣಿಗಳ ಕಾಯಿಲೆಗಳು ಉಲ್ಬಣಗೊಂಡು, ಅವುಗಳಲ್ಲಿ ಕೆಲವು ಹೊಸತು ಮತ್ತು ಕೆಲವು ಗೊತ್ತಿಲ್ಲದಂತಹವು, ಇವುಗಳನ್ನು ನಿಯಂತ್ರಣ ಮಾಡಲು ಮತ್ತು ಆರ್ಥಿಕವಾಗಿ ರೈತ ಸಮುದಾಯದವರು ಅಶಕ್ತರು.
೧೦. ಉದೇಶಿತ ಯೋಜನೆಯು ಅಕ್ಕಪಕ್ಕದ ಹಳ್ಳಿಗಳ ಕೆರೆಗಳು ಕಲುಷಿತಗೊಂಡ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಮೀನಿನ ಕೃಷಿಗೂ ಸಹ ಹಿನ್ನಡೆಯುಂಟಾಗಿ ಇದರಿಂದ ರೈತರ ಜೀವನ ಸಾಲಕೂಪಕ್ಕೆ ತಳ್ಳಲ್ಪಟ್ಟು ಮತ್ತು ನಷ್ಟವಾಗಿ ಅದರ ನಷ್ಟಭರ್ತಿಯೂ ಆಗಿಲ್ಲ. ಇತ್ತೀಚೆಗೆ, ಮಳೆಗಾಲದಲ್ಲಿ ಎಸ್‌ಟಿಪಿ/ಸಿಇಟಿಪಿ ಯಿಂದ ಹೊರಬಂದ

ಪರಿಷ್ಕರಿಸಿದ ಪರಿಶೋಧನೆ / ಅಪರಾಧಕಾರಿ ಶಾಸ್ತ್ರಜ್ಞರು ಹರಿದು ಕೆರೆಗಳಲ್ಲಿ ಸಾರಾಸಗಟಾಗಿ ಮೀನುಗಳ ಸಾಮಾಜಿಕ ಹತ್ಯೆಯುಂಟಾಯಿತು. ಈ ಪ್ರದೇಶದಲ್ಲಿ ಇದರ ನಿಯಂತ್ರಣವಿಲ್ಲದೆ ಮತ್ತು ನಿಯಮವಿಲ್ಲದೆ ಈ ಪ್ರಕ್ರಿಯೆಯು ಸರ್ವಸಾಮಾನ್ಯವಾಗಿದೆ.

೧೦. ಸುತ್ತಮುತ್ತ ಇರುವ ಪ್ರದೇಶವು ಫಾರ್ಮ್ಸ್, ಗುಲಾಬಿ ಮತ್ತು ಉಳ್ಳೇವಕ್ಕೆ ಪ್ರೋತ್ಸಾಹಿಸಿ ಕೃಷಿ ರಫ್ತು ವಲಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ. ಅಂತೆಯೇ, ಈ ಖಾತಾವರಣವು ತೋಟಗಾರಿಕೆಗೂ ಸಹ ಅನುಕೂಲಿಸಿದಂಥವಾಗಿದೆ.

೧೧. ಈ ಪ್ರದೇಶದ ಶಿಕ್ಷಣದ ಗುಣಮಟ್ಟ ತುಂಬಾ ಕನಿಷ್ಠ ಮತ್ತು ಪ್ರಾಥಮಿಕವಾದದ್ದು. ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಇವರ ಕೃಷಿ ಭೂಮಿಯನ್ನು ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡಿದ್ದೆಯಾದರೆ, ಅವರ ಜೀವನಾಂಶಕ್ಕೆ ಕೆಲಸ (ಕೃಷಿ)ವಿಲ್ಲದಂತಾಗುತ್ತದೆ, ಅದಾಗ್ಯೂ, ಸ್ಥಳೀಯ ಕೈಗಾರಿಕೆಗಳಲ್ಲಿ ಕೆಲಸಕ್ಕಾಗಿ ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಯವರಿಗೆ ಅನೇಕ ಬಾರಿ ಮನವಿಪತ್ರ ಸಲ್ಲಿಸಿದ್ದರೂ ಏನೂ ಮಾಡಿಲ್ಲ.

೧೨. ಅಂತೆಯೇ, ಸ್ಥಳೀಯರನ್ನು ಆದ್ಯತೆ ಮೇರೆಗೆ ಕೆಲಸಕ್ಕೊಡುವ ಬದಲಾಗಿ, ಸಂಬಂಧಪಟ್ಟ ಕೈಗಾರಿಕೆಗಳು / ಇಲಾಖೆಯವರು ಇದನ್ನು ಹೊರೆಯಂತೆ ದೃಷ್ಟಿಸಿದ್ದಾರೆ ಮತ್ತು ಸ್ಥಳೀಯರ ಕೆಲಸದ ಹಕ್ಕನ್ನು ಅಲ್ಲಗಳೆದಿದ್ದಾರೆ. ಈ ವಿಷಯವಾಗಿ ಮಾಡಿದ ಎಲ್ಲಾ ಮನವಿಗಳು ಮತ್ತು ಧರಣಿಗಳು ಅಪ್ರಯೋಜಕವಾಗಿ ಮತ್ತು ಜನರನ್ನು ನಿರಾಶಾಂಕರನ್ನಾಗಿಸಿ ಅವರವರ ಹೆಜ್ಜೆಬರಹಕ್ಕೆ ಕೈಚೆಲ್ಲಿದ್ದಾರೆ.

೧೩. ಯೋಜನೆಯ ಪ್ರತಿಪಾದಕರು, ಈ ಎಲ್ಲಾ ಅಂಶಗಳನ್ನು ಸ್ಥಳೀಯವಾಗಿ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶವನ್ನು ಸ್ಥಾಪಿಸುವ ಮೊದಲಿನಿಂದಲೂ ತಿಳಿದಿದ್ದರೂ ಸಹ, ಸಲ್ಲಿಸಿರುವ ವರದಿಯಲ್ಲಿ ಅಂಕಿ ಮತ್ತು ಅಂಶಗಳನ್ನು ಮುಚ್ಚಿಟ್ಟಿದ್ದಾರೆ ಮತ್ತು ಇದು ಸಂಪೂರ್ಣವಾಗಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಎಲ್ಲಾ ಸೂಚನೆಗಳನ್ನು ಮತ್ತು ಪರಿಸರ ರಕ್ಷಣಾ ಕಾನೂನುಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದ್ದಾರೆ. ಕೇವಲ ಮೊಳ್ಳು ಭರವಸೆ ಮತ್ತು ಆಶ್ವಾಸಗಳನ್ನು ಮಾತ್ರ ನೀಡಿದ್ದಾರೆ.

೧೪. ಸಾರ್ವಜನಿಕ ಸಭೆಯ ನಡವಳಿಕೆಗಳು ನಡೆದ ರೀತಿಯು ಸಹಾ ಪರಿಸರ ಪರಿಣಾಮದ ಪ್ರಮಾಣ (ಇಎಎ) ಅಧಿಸೂಚನೆ ೨೦೦೬ಕ್ಕೆ ವ್ಯತಿರೇಕವಾಗಿದೆ. ಅದರಲ್ಲಿರುವಂತೆ, ಯೋಜನೆಗೆ ಕುರಿತ ಮಾಹಿತಿಯನ್ನು ಬೇಡಿಕೆಪತ್ರ ಕೊಟ್ಟ ಏಳು(೭) ದಿನಗಳೊಳಗಾಗಿ ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳಲ್ಲಿ ಮತ್ತು ಅಂತರ್ಜಾಲದಲ್ಲಿ ನೀಡುವುದು ಮುಂಚಿತವಾದ ಖಡ್ಗಾಯ ಜರತ್ತು.

೧೫. ಯೋಜನಾ ಪ್ರತಿಪಾದಕರು ಮುಂಚಿತವಾಗಿ ಪರಿಸರವಿಮೋಚನಾ ಅನುಮತಿ ಪತ್ರವನ್ನು ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಯವರಿಂದ ಯೋಜನಾ ಸ್ಥಳ ಗುರುತಿಸಿದ ನಂತರ ಮತ್ತು ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಸ್ಥಾಪನೆಗಾಗಿ ಭೂಮಿಯನ್ನು ಅನುಪ್ರಮಾಡುವ ಮೊದಲು ಪಡೆಯುವುದು ಖಡ್ಗಾಯ, ಇದನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಉಲ್ಲಂಘಿಸಲಾಗಿದೆ. ಸಾರ್ವಜನಿಕ ಸಭೆಯ ಸಮಯದಲ್ಲಿ ಕಂಡಂತೆ, ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳ ಸರಿಯಾದ ಭೂ ಮಂಜೂರಾತಿಯಿಲ್ಲದೆ ಮತ್ತು ಭೂ ನಕ್ಷೆಯ ಅನುಮತಿಯಿಲ್ಲದೆ ಭೂಮಿಯನ್ನು ಪೂರ್ಣಶಃ ಅನುಪ್ರಮಾಡುವುದು ಸಂಪೂರ್ಣ ಕಾನೂನುಬಾಹಿರ.

೧೬. ವರದಿಯಲ್ಲಿ ಸಂಬಂಧವಿಲ್ಲದ ವಿವರಗಳನ್ನು ಅಂದರೆ ಭೂವಿವರಣೆಯೂ ಜಲ್ಲಘಟ್ಟ-ಕೋರಮಂಗಲ ಕಣಿವೆ, ಹೆಬ್ಬಳ ಮತ್ತು ದಾಬಸ್‌ಪೇಟೆ ಯೋಜನಾಸ್ಥಳದ ಸುತ್ತ ಇರುವ ಹಳ್ಳಿಗಳು ಅಂದರೆ, ಎಡೇಹಳ್ಳಿ, ಚಂದನಹೊಸಹಳ್ಳಿ, ಹೊನ್ನೇನಹಳ್ಳಿ, ಕೆಂಗಲಕೆಂಪೊಹಳ್ಳಿ, ಅವ್ವೇರಹಳ್ಳಿ, ಕೆ. ಜಿ. ಶ್ರೀನಿವಾಸಪುರ, ಬಿಲ್ಲನಕೋಟೆ, ನೆಲಮಂಗಲ ತಾಲ್ಲೂಕು ಇವುಗಳನ್ನು ಸಮೂಹಿಸಿದೆ.

೧೭. ತೋರಿಸಿರುವ ಒಳನುಸುಳುವಿಕೆಯ ನಕ್ಷೆಯು ಸಂಬಂಧವಿಲ್ಲದ ಯೋಜನಾಸ್ಥಳದ್ದಾಗಿದೆ. ಭೂವಿವರಣಾ ನಕ್ಷೆಯಲ್ಲಿ ಉದ್ದೇಶಿತ ಯೋಜನಾ ವಿಸ್ತೀರ್ಣ ಅರ್ಜಿಯಲ್ಲಿರುವುದಕ್ಕಿಂತ (೬೯೬.೪೫ ಎಕರೆ) ಹೆಚ್ಚು (ಸುಮಾರು ೧೩೦೦ ಎಕರೆ) ತೋರಿಸಿ ಅನುಮತಿ ಕೋರಲಾಗಿದೆ.

೧೮. ವರದಿಯಲ್ಲಿ ಟಿಎಸ್‌ಇಬಿ (ತಮಿಳುನಾಡು ವಿದ್ಯುತ್‌ಚಕ್ತಿ ಮಂಡಳಿ)ಯಲ್ಲಿ ವಿದ್ಯುತ್ ಕಡಿತವಾದರೆ ಸ್ಥಳೀಯ ಜನರೇಟರ್‌ಗಳನ್ನು ಜಾಲಿ ಮಾಡಿದಾಗ ಗಾಳಿ ಕಲುಷಿತಗೊಳ್ಳುತ್ತದೆ ಎಂದು ಹೇಳಿದೆ. ಅಂತೆಯೇ, ಸ್ಥಳೀಯವಾಗಿ ಉತ್ಪನ್ನವಾದ ಘನಶಾಶ್ವ ಕಸವನ್ನು ಮಹಾಬಲಿಪುರಂ ಪುರಸಭೆ (ತಮಿಳುನಾಡಿನಲ್ಲಿರುವುದು)ಯಲ್ಲಿ ಪರಿಷ್ಕರಿಸಲಾಗುತ್ತದೆ ಎಂದೂ ಸಹ ಹೇಳಿದೆ.



೨೦. ತೋರಿಸಿರುವ ಕೋಟೆ ಅಂತ್ಯಾದಿ ಲೆಕ್ಕಾಚಾರವು ಯೋಜನಾ ಗಾತ್ರಕ್ಕೆ ಮತ್ತು ಪಟ್ಟಿಯಲ್ಲಿ ಬಿಡುಗಡೆ ಮಾಡಿರುವುದಕ್ಕೂ ಹೊಂದಾಣಿಕೆಯಿಲ್ಲ. ಅಂತರ್ಜಾಲ ಮತ್ತು ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳಲ್ಲಿರುವ ವರದಿಗಳಲ್ಲಿ ಹೊಂದಾಣಿಕೆಯಿಲ್ಲ. ಈ ಸಂಪೂರ್ಣ ವರದಿಯು ವೈಜ್ಞಾನಿಕಾಧಾರವಿಲ್ಲದ ಕೇವಲ ಕಣ್ಗೋರಿನು ತಂತ್ರ ಮತ್ತು ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶಕ್ಕೆ ಅವಶ್ಯಕವಾದ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿಲ್ಲ.

೨೧. ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶವು ಸಂಪೂರ್ಣವಾಗಿ ಟೆಚ್‌ಆರ್ ಜಲಾನಯನ ಪ್ರದೇಶ. ಹಲಯ-೧ಕ್ಕೆ ಒಳಗೊಳ್ಳುತ್ತದೆ. ಫೋಪಿತ ಅತೀ ಸೂಕ್ಷ್ಮಪ್ರದೇಶವಾಗಿದ್ದು, ಇದರಲ್ಲಿ ಕೆಎಸ್‌ಪಿಸಿಬಿ ಮಾರ್ಗಸೂಚಿಯ ಜೊತೆ ಪರಿಗಣಿಸಿದಾಗ ಕೇವಲ ಹಸಿರು ವರ್ಗದ ಕೈಗಾರಿಕೆಗಳಿಗೆ ಮಾತ್ರ ಅನುಮತಿಯಿದೆ. ಏಕೆಂದರೆ ಯಾವುದೇ ಕೇಸರಿ ವರ್ಗದ ಕೈಗಾರಿಕೆಗಳಿಗೆ ಅತೀ ಸೂಕ್ಷ್ಮಪ್ರದೇಶದಲ್ಲಿ ಅನುಮತಿಯಿಲ್ಲ.

೨೨. ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶವು ಇತರೇ ಅತೀ ಸೂಕ್ಷ್ಮಪ್ರದೇಶಗಳಿಂದಲೂ ಸಹ ಆವೃತಗೊಂಡಿದೆ ಅಂದರೆ, ನಂದಿಬೆಟ್ಟ, ದೇವನಹಳ್ಳಿ ಕೋಟೆ, ಟಿಪ್ಪುವಿನ ಜನ್ಮಸ್ಥಳ, ಕೆಂಪೇಗೌಡ ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಮಾನನಿಲ್ದಾಣ, ಭಾರತೀಯ ವಾಯುಸೇನಾ ಕೇಂದ್ರ ಘಟಕ, ಹಸರಘಟ್ಟ ಕೆರೆ, ಮಧುರೈ ಶ್ರೀ ಶನಿದೇವಸ್ಥಾನ, ಹುಲಿಕುಂಟೆ ಕಾಡುಪ್ರದೇಶ, ಶ್ರೀ ಸುಬ್ರಹ್ಮಣ್ಯ ಘಾಟ ದೇವಸ್ಥಾನ ಮತ್ತು ಕಾಡುಪ್ರದೇಶ, ಬಿಲಾ ಮುಸೀದಿ-ಕೋಟೆ ಸಂಕೀರ್ಣ, ದೊಡ್ಡಬಳ್ಳಾಪುರ, ಕೆಲ ಹಸರುಗಳು, ಇವುಗಳನ್ನು ಯೋಜನಾ ಸ್ಥಳ ಅನ್ವಯಿಸುವುದರಿಂದ ಯಾವುದನ್ನೂ ಪರಿಗಣಿಸಿಲ್ಲ.

೨೩. ಕೆಎಸ್‌ಪಿಸಿಬಿ ಮಾರ್ಗಸೂಚಿ ಪ್ರಕಾರ, ಹೊಸ ಕೈಗಾರಿಕೆಗಳನ್ನು ಸ್ಥಾಪಿಸುವಾಗ ಅತೀ ಸೂಕ್ಷ್ಮಪ್ರದೇಶದಿಂದ ಕನಿಷ್ಠಪಕ್ಷ ೨೫ ಕಿ.ಮೀ. ದೂರವನ್ನು ಖಡಾಯವಾಗಿ ಬಿಡಬೇಕು. ಅಂತೆಯೇ, ಯೋಜನಾ ಪ್ರತಿಪಾದಕರಿಂದ ಪರ್ಯಾಯ ಸ್ಥಳ(ಗಳು)ದ ಯಾವುದೇ ಪ್ರಯತ್ನ ಮಾಡಲಾಗಿಲ್ಲ.

೨೪. ಫಲ ಸರ್ವೇಕ್ಷಣೆ ನ್ಯಾಯಾಲಯದ ಸೂಚನೆಗಳನ್ನು ಸಹ ಯೋಜನಾ ಪ್ರತಿಪಾದಕರು ಪಾಲಿಸಿಲ್ಲ, ಅದರಲ್ಲಿರುವಂತೆ, ಕೈಗಾರಿಕಾ ಪ್ರದೇಶದ ಅಭಿವೃದ್ಧಿಗಾಗಿ ಭೂಮಿಯನ್ನು ಭೂಸ್ವಾಧೀನಪಡಿಸಿಕೊಳ್ಳುವ ಮುಂಚೆ ಪರಿಸರಮಾಲಿನ್ಯ ವಿಮೋಚನಾ ಅನುಮತಿಪತ್ರವನ್ನು ಮುಂಚಿತವಾಗಿ ಪಡೆಯುವುದು ಖಡಾಯ. ಹಾಗೆಯೇ, ಸಂಬಂಧಪಟ್ಟ ಕಾನೂನು ಪೀಠಗಳು ನೀಡಿರುವ ಇತರ ಸೂಚನೆಗಳು ಮತ್ತು ಆದೇಶಗಳು ಅಂದರೆ, ರಾಷ್ಟ್ರೀಯ ಹಸಿರು ನ್ಯಾಯಾಧಿಕರಣ, ಇದರಲ್ಲಿ, ಪರಿಸರಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಗಳಿಗೆ ಸಂಬಂಧಪಟ್ಟ ಇಲಾಖೆಗಳ ಜಾಲನಾ ಅನುಮತಿಪತ್ರ ಇಲ್ಲದೆ ಎಲ್ಲಾ ತರಹದ ಕಾನೂನುಬಾಹಿರವಾಗಿ ನಡೆಸುತ್ತಿರುವ/ಜಾಲಿಯಿರುವ ಕೈಗಾರಿಕೆಗಳನ್ನು ಇಪ್ಪಿ ಮಾಡಲು ನಿರ್ದಿಷ್ಟ ಸೂಚನೆಯಿದೆ. (ಜಾಲನಾ ಅನುಮತಿಗೆ ಮುಂಚಿತವಾಗಿ ಸ್ಥಾಪನಾ ಅನುಮತಿ ಬೇಕು). ಆದುದರಿಂದ, ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಎಲ್ಲಾ ಚಟುವಟಿಕೆಗಳನ್ನು ನಿಷೇಧಿಸಬೇಕು.

೨೫. ಇವಿವಿ ಅಧಿಸೂಚನೆ ೨೦೦೬ರ ಪ್ರಕಾರ, ೨೦೦೯ರಲ್ಲಿ ಪರಿಷ್ಕರಿಸಲ್ಪಟ್ಟ, ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶವು ಅರ್ಜಿಯಲ್ಲಿ ಕೆಟೆಗರಿ 'ಬಿ' ಎಂದು ನಮೂದಿಸಿದ್ದರೂ ಸಹ ಅದು ಕೆಟೆಗರಿ 'ಎ' ಎಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ, ಮತ್ತು ಆದುದರಿಂದ, ಇದು ಕೇಂದ್ರಮಟ್ಟದಲ್ಲಿ ಎಮ್‌ಒಇಎಫ್ ರವರು ಅನುಮೋದಿಸಬೇಕೆ ಹೊರತು ಪರಿಮಿತಿ ವ್ಯಾಪ್ತಿಗೊಳಪಡದ ಎಸ್‌ಇವಿಎವಿ ನವರಲ್ಲ.

೨೬. ಒಟ್ಟಾರೆಯಾಗಿ, ಸಂಪೂರ್ಣ ಉದ್ದೇಶಿತ ಯೋಜನೆಯು ಸಂಬಂಧಪಟ್ಟ ಕಾರ್ಯಗಳ ಪೂರ್ಣ ಉಲ್ಲಂಘನೆಯಾಗಿದ್ದು ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರ ನೀಡಿದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಪಾಲಿಸಿಲ್ಲ. ಇದು ಸಂಪೂರ್ಣ ವೈಜ್ಞಾನಿಕಾಧಾರವಿಲ್ಲದ ಕೇವಲ ಕಾಲ್ಪನಿಕ ವರದಿ, ತಪ್ಪು ಮಾಹಿತಿ / ಹೇಳಿಕೆ ನೀಡಿದೆ ಮತ್ತು ವಾಸ್ತವಾಂಶಗಳನ್ನು ಮುಚ್ಚಿಟ್ಟಿದೆ. ಉದ್ದೇಶಿತ ಯೋಜನಾ ಪ್ರದೇಶ ಸ್ಥಾಪನೆಯು ಸಂಪೂರ್ಣವಾಗಿ ಕಾನೂನುಬಾಹಿರ. ಯೋಜನಾ ಪ್ರತಿಪಾದಕರ ಈ ಕೃತ್ಯವು ಪ್ರಕೃತಿ ಮಾತೆ ಮತ್ತು ಪರಿಸರದ ಮೇಲೆ ಎಲ್ಲೆಡೆ ಗೌರವವಿಲ್ಲದ ಪರಿಸರದ ಮೇಲೆ ಭಯೋತ್ಪಾದನೆ ಎಸಗಿದಂತಾಗಿದೆ.

೨೭. ಆದುದರಿಂದ, ತಮ್ಮಲ್ಲಿ ವಿನಂತಿಸಿಕೊಳ್ಳುವುದೆಂದರೆ, ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಎಲ್ಲಾ ಚಟುವಟಿಕೆಗಳನ್ನು ಸ್ಥಗಿತಗೊಳಿಸುವುದು ಮತ್ತು ಭೂಮಿಯನ್ನು ರೈತರಿಗೆ ಕಾನೂನಿನಂತೆ ಹಿಂತಿರುಗಿಸುವುದು, ಏಕೆಂದರೆ, ಭೂಸ್ವಾಧೀನ ಅಪೂರ್ಣವಾಗಿರುವುದು. ಕೆಲ ಭೂಮಿಗಳ ಒಡೆತನ ಪಡೆಯದೆ ಇರದಿರುವುದು ಮತ್ತು ರೈತರಿಗೆ ಪರಿಹಾರಧನ ನೀಡದೆ ಇರುವುದು.

23

ಸಾಂಪ್ರದಾಯಿಕ ತರಬೇತಿ ಸಲ್ಲಿಸಿರುವ ಅಧ್ಯಾಪಕರನ್ನು ಸ್ವೀಕರಿಸಿದ್ದಕ್ಕೆ ಪತ್ರ ನೀಡಬೇಕೆಂದು ತಮ್ಮಲ್ಲಿ ಪ್ರಾರ್ಥನೆ.  
ಹಾಗೆಯೇ, ಮುಂದೆ ಈ ಉದ್ದೇಶಿತ ಪ್ರದೇಶದ ವಿಜ್ಞಾನವಾಗಿ ಮನವಿಪತ್ರ, ಯಾವುದಾದರೂ ಇದ್ದಲ್ಲಿ, ಸಲ್ಲಿಸಲು  
ಅವಕಾಶ ಮಾಡಿಕೊಡಬೇಕೆಂದು ಕಳಕಳಿಯ ಪ್ರಾರ್ಥನೆ.



ವಿ.ಸೂ. ವಕೀಲ ಪ್ರತಿಭೆಯು ಶ್ರೀ ಹಾಗೂ, ನಿರಯ ವರದರ ಅಧಿಕಾರಿ, ಕೆಎಸ್‌ಪಿಸಿಬಿ,  
ಎಂ. ಇ. ಪರಿಸರ ಭವನ, ೧-೫ಎಂ ಮಹಡಿ,  
ಚರ್ಚೆ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೦

ಮಂದನೆಗಳೊಂದಿಗೆ,

ಇಂತಿ ತಮ್ಮ ವಿಶ್ವಾಸಿಗಳು,

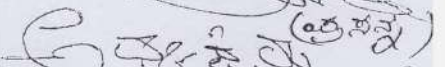
೧) Dr. Kanthimathi K.V.  
Gandhinagar  
Bodballapur  
Bangalore Rural  
KANTHI CLINIC  
561203.

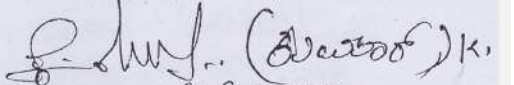
KANTHI CLINIC  
BODBALLAPUR - 561203

೨) M.L. Sulliam.  
(M.R. SEETHARAM)  
Secretary - AKNPS  
ALS Bhavanur  
RG Circle, Sheeshadripuram  
Bangalore

೩) B H ಸುಬ್ಬಯ್ಯ = ಸಂವತ್ಸರ  
ಸಮಮಾಂತ್ರ  
ಸಂವತ್ಸರ  
ಪ್ರತಿಭಾಪತಿ (ಶಿಕ್ಷಣ)  
ಜಿನ ಬ್ರಾಹ್ಮಣ ಸಂವತ್ಸರ

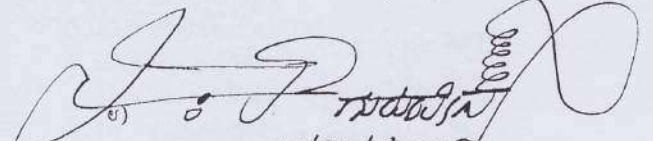
೪) Homaghatta mahesh  
Belli  
ಅಧ್ಯಕ್ಷರು ಕರ್ನಾಟಕ ಹಾಲ್ವೆಸ್ ಕ್ಲಬ್  
ಕೊನ್ಕ್ರೀಟ್  
ಕೊಡಗೇಬಳ್ಳಿ Post  
ಬಾಲ್ಯ ಬಳ್ಳಾಪುರ  
ಕೊನ್ಕ್ರೀಟ್ ಗ್ರಾಮಾಂಶ

೫)   
ಸಾಂಪ್ರದಾಯಿಕ ತರಬೇತಿ ಸಲ್ಲಿಸಿರುವ ಅಧ್ಯಾಪಕರನ್ನು ಸ್ವೀಕರಿಸಿದ್ದಕ್ಕೆ ಪತ್ರ ನೀಡಬೇಕೆಂದು ತಮ್ಮಲ್ಲಿ ಪ್ರಾರ್ಥನೆ.  
ಹಾಗೆಯೇ, ಮುಂದೆ ಈ ಉದ್ದೇಶಿತ ಪ್ರದೇಶದ ವಿಜ್ಞಾನವಾಗಿ ಮನವಿಪತ್ರ, ಯಾವುದಾದರೂ ಇದ್ದಲ್ಲಿ, ಸಲ್ಲಿಸಲು  
ಅವಕಾಶ ಮಾಡಿಕೊಡಬೇಕೆಂದು ಕಳಕಳಿಯ ಪ್ರಾರ್ಥನೆ.

೬)   
ಸಂವತ್ಸರ ಸಂವತ್ಸರ

ಕಲ್ಯಾಣೇಶ್ವರ ತುಂಗೇಶ್ವರ (Post)  
ಬಾಲ್ಯ ಬಳ್ಳಾಪುರ ಕೊನ್ಕ್ರೀಟ್ ಗ್ರಾಮಾಂಶ

೭) ಎಸ್. ಕಿಂತ್ರಾ ಮುಖಾರ್  
ಕೊಡಗೇಬಳ್ಳಿ ಕೊಡಗೇಬಳ್ಳಿ  
(ಕೊಡಗೇಬಳ್ಳಿ) ಕೊಡಗೇಬಳ್ಳಿ  
ಕೊಡಗೇಬಳ್ಳಿ, ಗ್ರಾಮಾಂಶ

  
ಕೊಡಗೇಬಳ್ಳಿ  
ಕೊಡಗೇಬಳ್ಳಿ  
ಕೊಡಗೇಬಳ್ಳಿ  
ಕೊಡಗೇಬಳ್ಳಿ



