

Date: 15-Dec-2020

To,
The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest & Climate Change,
North Eastern Regional Office
Law-U-Sib, Lumbatngen
Near MTC Workshop, Shillong-793021

SUB.: Construction of Commercial-cum-residential project 'Buildwell India LLP' at R.G Baruah Road, Village - Japorigog, Mouza - Beltola, District - Guwahati, Assam.

REF.: ENVIRONMENTAL CLEARANCE LETTER F. No. - 21-158/2011-IA.III, Dated July 18th, 2012.

Dear Sir,

With reference to the Environmental Clearance obtained from MoEF we are hereby enclosing the six monthly Compliance Report for the period **APRIL' 2020 to SEPTEMBER' 2020** of Environmental Clearance issued to us.

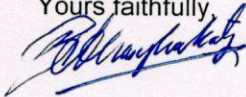
In accordance with the requirement, please find enclosed herewith following documents for Post EC Compliance report for your kind perusal.

1. EC Compliance Report
2. Annexure-I - (GROUND WATER and SOIL ANALYSIS REPORT)
3. Annexure-II - (AIR MONITORING REPORT)

I hope that you will find it in order and do the needful.

Thanking You.

Yours faithfully,



For M/s. Buildwell India LLP

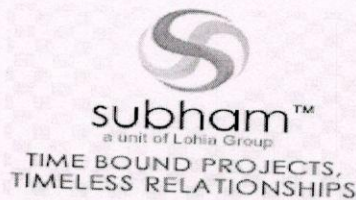
Copy to:

1. Member Secretary, Pollution Control Board Assam,
Bamunimaidam, Guwahati- 21
2. The Regional Director
Zonal Office Central Pollution Control Board, Shillong.
"TUM_SIR" Lower Motinagar
Near Fire Brigade H.Q- Shillong-793014

**COMPLIANCE REPORT OF ENVIRONMENTAL
CLEARANCE**

**FOR THE PERIOD OF 1ST APRIL-2020 TO
30TH SEPTEMBER-2020**

F.No. 21-158/2011-IA.III



SUBMITTED BY-

**M/S. BUILDWELL INDIA LLP
5TH FLOOR, SUBHAM VELOCITY
HONURAM BORO PATH, OPP. WALFORD,
GUWAHATI-5**

Name of The Company: M/s. Buildwell India LLP (Formerly known as Buildwell India Pvt. Ltd.)

Project : Construction of Commercial-cum-residential project 'Subham Buildwell' at R.G Baruah Road, Village Japorigog, Mouza Beltola, District Guwahati, Assam.

Environmental Clearance Letter : F. No. 21-158/2011-IA.III, Dated July 18th, 2012.

PART A - SPECIFIC CONDITIONS

I. Construction Phase

SN.	EC CONDITIONS	COMPLIANCE STATUS
(i)	"Consent for Establishment" shall be obtained from Assam Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	"Consent for Establishment" was obtained from Assam pollution control Board vide letter No. WB/GUW/T-2182/11 12/301/1598 dated 20/11/2012 Under Air and Water Act.
(ii)	The total height of the building is 31 m. The guidelines issued by the Ministry of Environment & Forests for High Rise Building vide O.M. No. 21-270/2008-IA.III dated 07.02.2012 shall be followed strictly for the project.	The guideline issued by the Ministry of Environment & Forest is followed for the building height.
(iii)	The Ground water level is high, hence the foundation work will involve dewatering and proper water proofing, and permission shall be obtained for de watering from the competent authority.	Complied with.
(iv)	Enhance the circulation plan with proper divider at entry and exist and increase width of the road at the corners so as to enable free turning of trucks.	Width of the entry road is increased.
(v)	The project proponent shall be responsible for the maintenance of STP and SWM facilities till the Society takes over the responsibility. Proponent shall submit an undertaking to this effect.	STP & SWM facilities are being maintained by Project proponent till the society takes over the responsibilities.
(vi)	The storm water drainage shall be worked out after analyzing the contour levels of the site and the surrounding area and the capacity of storm water drainage.	The storm water drainage was worked during EIA study.
(vii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Necessary infrastructure was provided to the labour during construction phase. Now this phase is over.
(viii)	A First Aid Room will be provided in the project both during construction and operation of the project.	A first aid room is provided during construction phase.
(ix)	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	All the excavated topsoil was used in landscape development within the project site.



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TIME BOUND PROJECTS,
TIMELESS RELATIONSHIPS

EC COMPLIANCE REPORT FOR THE PERIOD APRIL '2020 TO SEPTEMBER '2020

SN.	EC CONDITIONS	COMPLIANCE STATUS
(x)	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	Muck generated during construction phase was used for filling of low lying areas.
(xi)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil and Ground water sample is being tested. Reports are referred as Annexure-I .
(xii)	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.	Bituminous materials are not used in our project. Since it is a Real Estate project hazardous waste is not generated.
(xiii)	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Assam State Pollution Control Board.	Hazardous waste is not generated in our case. If generated it will be disposed through ASPCB norms.
(xiv)	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.	Diesel generator set with proper acoustic enclosure, stack of proper height & port hole is installed. Monitoring reports are enclosed vide Annexure-II .
(xv)	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.	DG set is operated only during power cut. Diesel required to run the DG set is procured from nearest petrol pump. NOC is not required.
(xvi)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Good condition vehicles were used during construction phase.
(xvii)	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 should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB.	Ambient noise level is monitored as per CPCB guidelines. Monitoring reports are referred as Annexure-II . Monitoring values are within the prescribed limit.
(xviii)	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 27 th August, 2003.	Fly ash containing bricks, cements were used in building construction.
(xix)	Ready mixed concrete must be used in building construction.	Ready mixed concrete were used during construction.
(xx)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water drain is planned by integrating rain water harvesting and over flow water is connected to the main drain of the road.



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EC COMPLIANCE REPORT FOR THE PERIOD APRIL '2020 TO SEPTEMBER '2020

SN.	EC CONDITIONS	COMPLIANCE STATUS
		Further all roof-top water is collected through proper channel.
(xxi)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand was reduced by using pre mixed concrete, curing agent etc.
(xxii)	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	To draw ground water we had applied CGWA for permission. However we are purchasing water from an outside agency.
(xxiii)	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Separation of grey and black water is being carried out by installing dual plumbing line. The entire waste water is directed to STP.
(xxiv)	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Low flow devices are being used for showers, toilet flushing etc.
(xxv)	Use of glass may be reduced by up-to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality low E value glass.	Sizes of the windows are being reduced to reduce electricity consumption.
(xxvi)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	White tiles are installed on the roof for energy conservation.
(xxvii)	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Walls are also made as per requirement of Energy Conservation Building code.
(xxviii)	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc.	The approval has been obtained from Assam Engineering College for the structural safety of the buildings due to earthquake & adequacy of firefighting equipment.
(xxix)	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Complied with.
(xxx)	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Agreed with.

II. Operation Phase

SN.	EC CONDITIONS	COMPLIANCE STATUS
(i)	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Assam State Pollution Control Board.	It is being complied. STP is installed at the site. STP water is reused for flushing and green belt development.
(ii)	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.	Solid waste is segregated at source. Wet garbage is collected and mixed with dry leaves from the garden and sent to organic waste composting plant which is installed at site. Dry waste is being disposed of through Govt. NGO and GMC (Guwahati Municipal Corporation).
(iii)	Diesel power generating sets proposed as source of backup power for 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 dapped with in consultation with Assam State Pollution Control Board.	Diesel generator is being used as source of back up of power supply. Monitoring reports of DG stack and noise are referred as Annexure II .
(iv)	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.	Ambient Noise level is monitored and Monitoring reports are referred as Annexure II .
(v)	The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	Green belt has been developed around the periphery of the site to provide protection against particulates and noise.
(vi)	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Complied with.
(vii)	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 5 mts. above the highest ground water table.	Rain water harvesting structure has been developed. Before recharging pre-treatment is done then harvested water is sent for ground water recharge.
(viii)	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Ground water quality is being monitored. Monitoring reports are referred as

EC COMPLIANCE REPORT FOR THE PERIOD APRIL '2020 TO SEPTEMBER '2020

SN.	EC CONDITIONS	COMPLIANCE STATUS
		Annexure I.
(ix)	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.	Parking is fully internalized no public space is used.
(x)	A Report on the energy conservation measures confirming to energy conservation norms finalize 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.	Point is noted.
(xi)	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 clone to the extent possible.	We have used LED light in the lobby, street, garden and other areas of the project for conservation of energy.
(xii)	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	Regular maintenance of STP is being carried out.
(xiii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Adequate distance is maintained between the building.

PART - B. GENERAL CONDITIONS

SN.	EC CONDITIONS	COMPLIANCE STATUS
(i)	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 CPCB /SPCB.	Regularly we have submitted six monthly compliance reports along with monitoring data to Regional office of MoEF Shillong, CPCB Shillong and Pollution Control Board Assam. Last EC compliance for the period Oct'19 – March'20 was submitted on 26.05.2020
(ii)	Officials from the Regional Office of MoEF, Shillong 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 should be forwarded to the CCF, Regional office of	Agreed with.

	MOEF, Shillong.	
(iii)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Agreed with.
(iv)	The Ministry 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 Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed with.
(v)	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.	Agreed with. But not required in our case.
(vi)	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.	Agreed with.
(vii)	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Assam State Pollution Control Board and may also be seen on the website of Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Shillong.	Complied with.
(viii)	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Agreed with.
(ix)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent	It is being complied. EC letter is uploaded on our company's website i.e. www.subhamgroup.com



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EC COMPLIANCE REPORT FOR THE PERIOD APRIL '2020 TO SEPTEMBER '2020

(x)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Status of compliance of the stipulated EC conditions, including results of monitored data is uploaded on our website i.e. www.subhamgroup.com and being updated periodically. It is being regularly sent to the Regional Office of MoEF at Shillong and the Assam Pollution Control Board.
(xi)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Point is noted.

ANNEXURE-I

SOIL AND GROUND WATER ANALYSIS REPORT

Recognized by Pollution Control Board, Assam



NABL ACCREDITED

Certificate No. TC-7669

WATER ANALYSIS REPORT

Report No: 200929_14080059_0

Sample ID No: EETNE/Sept/08/20/D

Test Starting Date: 22/09/20

Date of Report: 29/09/20

Date of sample receipt: 22/09/20

Test completion Date: 29/09/20

Name & Address of Client	M/s. Buildwell India LLP R.G. Baruah Road, Village- Japorigog, Mouza-Beltola, Dist: Kamrup, Guwahati, Assam.				
Sample Description	Type: Ground Water			Source: Bore well	
Sample collected by	M/s. En-vision Enviro Technologies North East				
Sample Collection Particulars	Date 22/09/2020	Time 10:30 A.M	Temperature 30°C	Quantity Drawn:4L	Sampling Method: EETNE/SOP/02

Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
1	p ^H	---	7.95	APHA 23 rd Edition, 4500-H ⁺ , Page: 4-95	6.5-8.5	No relaxation
2	Turbidity	NTU	0.2	APHA 23 rd Edition, 2130, Page: 2-13	1.0	5.0
3	TDS	mg/L	130.8	APHA 23 rd Edition, 2540 C, Page: 2-69	500	2000
4	*Total hardness	mg/L	98.3	APHA 23 rd Edition, 2340 B, Page: 2-48	200	600
5	Calcium	mg/L	26.7	APHA 23 rd Edition, 3500-Ca B, Page: 3-69	75	200
6	*Magnesium	mg/L	16.4	APHA 23 rd Edition, 3500-Mg B, Page: 3-86	30	100
7	Total Alkalinity	mg/L	124.8	APHA 23 rd Edition, 2320 B, Page: 2-37	200	600
8	*Chloride	mg/L	18.5	APHA 23 rd Edition, 4500-Cl ⁻ B, Page: 4-75	250	1000
9	*Sulphate	mg/L	11.3	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E, Page: 4-199	200	400
10	*Nitrates	mg/L	2.8	APHA 23 rd Edition, 4500-NO ₃ ⁻ B, Page: 4-127	45	No relaxation
11	*Residual Chlorine	mg/L	BDL	APHA 23 rd Edition, 4500-Cl B, Page: 4-63	0.2	1.0






NABL ACCREDITED


Sample ID No: EETNE/Sept/08/20/D
Test Starting Date: 22/09/20

Date of sample receipt: 22/09/20
Test completion Date: 29/09/20

Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
12	*Fluoride	mg/L	0.29	APHA 23 rd Edition, 4500-F-D, Page: 4-90	1.0	1.5
13	*Copper	mg/L	0.025	APHA 23 rd Edition, 3111 B, Page: 3-20	0.05	1.5
14	*Iron(as Fe)	mg/L	0.142	APHA 23 rd Edition, 3111 B, Page: 3-20	0.3	No relaxation
15	*Cadmium	mg/L	BDL	APHA 23 rd Edition, 3111 B, Page: 3-20	0.003	No relaxation
16	*Lead(as Pb)	mg/L	BDL	APHA 23 rd Edition, 3111 B, Page: 3-20	0.01	No relaxation
17	*Zinc	mg/L	0.319	APHA 23 rd Edition, 3111 B, Page: 3-20	5	15
18	*Chromium Total	mg/L	0.003	APHA 23 rd Edition, 3111 B, Page: 3-20	0.05	No relaxation
19	*Manganese	mg/L	0.048	APHA 23 rd Edition, 3111 B, Page: 3-20	0.1	0.3
20	*Selenium	mg/L	BDL	APHA 23 rd Edition, 3114A, Page: 3-36	0.01	No relaxation
21	BOD	mg/L	2.9	APHA 23 rd Edition, 5210 B, Page: 5-6	--	--
22	COD	mg/L	7.6	APHA 23 rd Edition, 5220 B, Page: 5-18	--	--

NOTE: (BOD) Biochemical Oxygen Demand, (COD) Chemical Oxygen Demand, (BDL) Below Detection Limit.
For Envision Enviro Technologies North East


Rimpi Sarma
Environmental Chemist
Test Done By


Dr. Pranita Chakraborty
Quality Manager
Authorized Signatory

Note: i) The results relate only to the parameters tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.
iii) Parameter no.13 to 20 were analysed by Department of Chemistry, B. Borooah College as per our MOU.
iv) The test marked with an (*) are not accredited by NABL.

End of report

SOIL ANALYSIS REPORT

Rep.No: 200929_14080059_0

Date: 29/09/20

Name & Address of Client	M/S. . Buildwell India LLP R.G. Baruah Road, Village- Japorigog, Mouza-Beltola, Dist: Kamrup, Guwahati, Assam
Sample Description	Soil collected from Project site
Date of Sampling	22/09/20
Sample collected by	M/s En-vision Enviro Technologies North East

Sl No.	Soil Parameters	Unit	Result	Reference Method
1	p ^H	---	8.15	Potentiometric
2	Soil type	----	Loamy Sand	Hydrometer
	Sand	%	71.1	Hydrometer
	Clay	%	10.3	Hydrometer
	Silt	%	18.6	Hydrometer
3	Nitrogen	kg/ha	168.3	Alkaline KMnO ₄
4	Phosphorus	mg/kg	58.26	Olsen method
5	Potassium	mg/kg	52.19	NH ₄ -acetate extraction
6	Electrical conductivity	mS/cm	1.96	Conductivity Meter
7	Water holding capacity	%	34.65	Standard method
8	Organic matter	%	2.87	Titrimetric
9	Salinity	mS/cm	1.96	Conductometric
10	Iron	g/kg	11.82	Flame AAS (mg/kg)



SI No.	Parameters	Unit	Result	Reference Method
11	Copper	mg/kg	16.5	Flame AAS
12	Nickel	mg/kg	4.39	Flame AAS
13	Manganese	g/kg	8.64	Flame AAS (mg/kg)
14	Zinc	mg/kg	55.2	Flame AAS
15	Chlorides	mg/kg	113.5	Argentometric

For En-vision Enviro Technologies North East, Guwahati


(Quality Control Manager)

- Note: i) The results relate only to the parameter tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.
iii) Parameter no.4,10 to 15 are analysed by Department of Chemistry, B. Borooah College as per our MOU.



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TIME BOUND PROJECTS,
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EC COMPLIANCE REPORT FOR THE PERIOD APRIL'2020 TO SEPTEMBER'2020

ANNEXURE-II

AIR MONITORING REPORTS



Recognized by Pollution Control Board, Assam

NABL ACCREDITED

Certificate No. TO-7000

AMBIENT AIR ANALYSIS REPORT

TEST REPORT

Rep.No. AAAR_13010037_01_364
Sample ID: EETNE/SEPT/07/20

Date: 12/09/2020
ULR NO.: TC766920000000165F

Issued to : M/s. Buildwell India LLP, R.G. Baruah Road, Vill: Japorigog, Mouza: Beltola, Dist: Kamrup, Guwahati, Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 08/09/2020 TO 12/09/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : NO

SL. NO.	DATE OF SAMPLING	LOCATION/SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	NO ₂ (µg/m ³)	SO ₂ (µg/m ³)
i)	08/09/20	Near North West Side	Clear	57.4	34.0	19.7	10.5
ii)		Near South West Side		55.1	31.8	15.2	8.6

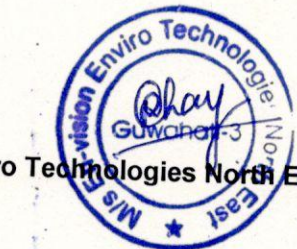
Remarks: - Parameters are within the permissible limit.
:- Sampling were done under the annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Weighted Average	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 Part-II/ CPCB	Annual	50
2	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 Part-VI/ CPCB	Annual	40
3	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 Part-XXIII/ CPCB	Annual	60
4	Particulate Matter (PM _{2.5}), µg/m ³	EETNE/SOP/01/2017	Annual	40
			24 hours	80
			24 hours	80
			24 hours	100
			24 hours	60

Utpal
Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested
ii) The test report shall not be reproduced except in full, without written approval of laboratory

Recognized by Pollution Control Board, Assam

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. 200912_13010037_06A_365

Date: 12/09/2020

Name & Address:

M/s. Buildwell India LLP
R.G. Baruah Road,
Vill: Japorigog, Mouza: Beltola,
Dist: Kamrup, Guwahati, Assam.


SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A) Leq
i)	08/09/20	250 KVA - DG Set	59.2	71.8	71.55

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

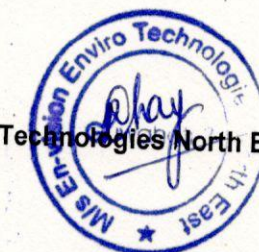
Method of analysis : CPCB July 2015
Sampling Instrument Used : HTC SL 1350

DG Set Noise Standards:

Noise limit viz. 75 dB(A) at 1m distance.


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested
ii) The test report shall not be reproduced except in full, without written approval of laboratory

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Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 200912_13010037_06A_366 *366*

Date: 12/09/2020

Name & Address:

M/s. Buildwell India LLP
R.G. Baruah Road,
Vill: Japorigog, Mouza: Beltola,
Dist: Kamrup, Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	08/09/20	Near Main Gate	53.8
ii)		Near DG Station	49.2

Remarks: Noise level is carried out during 75% of the Day Time.
Method of analysis : CPCB July 2015
Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Utpal
Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Pranita
Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_13010037_02_367/20
 Sample ID: EETNE/SEPT/07/20

Date: 12/09/2020
 ULR NO.: TC766920000000165F

Issued to : M/s. Buildwell India LLP, R.G. Baruah Road, Vill: Japorigog, Mouza: Beltola,
 Dist: Kamrup, Guwahati, Assam.

Sample Drawn By : UTPAL BEZBARUAH
 Sampling Plan & Procedure : EETNE/SOP/01
 Analysis Duration : 08/09/2020 TO 12/09/2020
 Sampling Instrument Used : STACK KIT/FLUE GAS ANALYZER
 Pollution Control Device, if any : NO

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (g/kwhr)
i)	08/09/20	Stack attached to DG set - 250 KVA	0.18

REMARKS - Data is within the permissible limit
 - Method of analysis : IS 11255 Part-I

Emission Standards for Diesel Engine for generator set :

Engine Power(P)	Parameter	Standards
75KW < P ≤ 800KW	Particulate Matter	0.2 g/kwhr

Utpal
 Utpal Bezbaruah
 (Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Pranita Chakraborty
 Dr. Pranita Chakraborty
 (Quality Manager)
 (Authorized Signatory)

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