

**COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE**  
**FOR THE PERIOD OF OCTOBER-2014 TO MARCH-2015**

**Name of The Company** : M/s. Meghmallar Estates and Services Pvt. Ltd.  
**Project** : Construction of group housing project "City Centre Residency" at Japorigog, Tarun Nagar, Guwahati, Assam.  
**Environmental Clearance Letter** : No. 21-17/2012-IA.III Dated 26<sup>th</sup> July, 2012.

**PART A - SPECIFIC CONDITIONS:**

**I. Construction Phase:**

NO.	CONDITIONS	COMPLIANCE STATUS
(i)	"Consent for Establishment" shall be obtained from Assam State 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" is obtained from Assam State Pollution Control Board vide letter no. WB/GUW/T-2533/13-14/975/604 dated 23/08/2013 and already submitted to the Ministry.
(ii)	Guidelines of CPCB on reuse of treated wastewater shall be complied.	Point is noted.
(iii)	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.	Storm Water drainage and its capacity is worked out based on contour levels & Rain fall.
(iv)	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.	The work at present is stopped in the site due to some unavoidable reasons. Once our construction starts all necessary provision will be made available to construction labours.
(v)	A First Aid Room will be provided in the project both during construction and operation of the project.	First aid room is already provided, it will be functional once our project works restarts.
(vi)	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	All the topsoil excavated during construction activities has been stacked and covered with polythene for use in landscaping.
(vii)	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.	Solid wastes generated in the form of muck during construction phase were disposed taking the necessary precautions like (water & soil is tested etc.) for general safety and health aspects of

NO.	CONDITIONS	COMPLIANCE STATUS
		neighboring people.
(viii)	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 samples are being tested. Analysis reports of the same is enclosed as <b>Annexure-I</b> .
(ix)	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.	Construction spoils are dumped at a distant place from bore wells to avoid any contamination.
(x)	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms.	Hazardous waste if any generated will be disposed as per applicable rules and norms.
(xi)	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.	<ul style="list-style-type: none"> <li>- Air &amp; noise monitoring were conducted within site to confirm parameters within standards norms.</li> <li>- Monitoring results are enclosed in <b>Annexure-II</b>.</li> </ul>
(xii)	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.	Diesel required for the operating DG sets is procured from nearby petrol pump as and when required and is stored in barrels.
(xiii)	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.	At present no construction activities are done within the site. Once the construction activities start all guidelines will be followed.
(xiv)	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.	<ul style="list-style-type: none"> <li>- Ambient noise level and ambient air quality is being monitored regularly.</li> <li>- Monitoring reports is enclosed as <b>Annexure-II</b>.</li> <li>- Once operation of the project starts adequate measures will be adopted to reduce ambient air and noise pollution in the site.</li> </ul>
(xv)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Rain water harvesting plan is already proposed and will be constructed accordingly.
(xvi)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mixed concrete is being used in building construction to reduce water demand.
(xvii)	Permission to obtain water shall be obtained from the competent Authority prior to construction/ operation of the project.	As location of the project site falls in safe category based on Ground Water Resource Estimation (GWRE) 2009,

NO.	CONDITIONS	COMPLIANCE STATUS
		Permission to draw ground water is not required as per the Guidelines/Criteria for evaluation of proposals/ requests for ground water abstraction (with effect from 15/11/2012) of Central Ground Water Authority, however application was submitted to CGWA/SGWB vide letter no. dtd 22/05/2014 to obtain permission for the abstraction of ground water. Reply not yet received.
(xviii)	Separation of grey and black water should be done by the use of duel plumbing line for separation of grey and black water.	Duel plumbing line will be installed for the separation of grey and black water.
(xix)	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.	Necessary arrangements will be done to control flow of showers, toilet flushing and drinking water fixtures.
(xx)	Use of glass may be reduced by up to 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality low E value glass.	Will be complied.
(xxi)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Will be complied.
(xxii)	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all airconditioned spaces while it is aspirational for non-airconditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Will be complied.
(xxiii)	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.	<ul style="list-style-type: none"> <li>- An application for approval was submitted on 12/12/2013 to Centre for Assam Engineering College Consultancy, Assam Engineering College, Guwahati-13 for structural safety of the buildings due to earthquake and is in now process for Approval. Approval of State Fire Service Organization, Assam, Guwahati is conveyed vide letter no. SFSSO/FPW/1195/1152/08, dated 17.04.2008 for the adequacy of fire fighting equipments etc.</li> <li>- Lighting arrestor will be provided as per the guidelines.</li> </ul>

NO.	CONDITIONS	COMPLIANCE STATUS
(xxiv)	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.	Regular supervision is being carried out.
(xxv)	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.	EC is already received vide MOEF Letter No:F.No.21-17/2012-IA.III dtd the 26 <sup>th</sup> July, 2012.

## II. Operation Phase:

NO.	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 effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Assam State Pollution Control Board.	-Report of certified Sewage Treatment Plant (STP) will be prepared & submitted after installation. -Treated effluent will be recycled/ reused for the flushing and gardening purpose. Regular maintenance of STP will be carried out to mitigate odour problem.
(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 will be properly collected and segregated through different coloured dust bins. - Biodegradable waste will be composted and used as manure for the plantation. - Dry/inert solid waste will be disposed through Guwahati Municipal Corporation.
(iii)	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 Assam State Pollution Control Board.	- Adequate height of stacks will be provided to ensure better dispersion of emission if any, however DG will be used standby arrangement only in case of power cut. - Low sulphur diesel will be used as a fuel. - The location of the DG set will be decided with in consultation with Assam Pollution Control Board.
(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.	- Silent generator set with acoustic enclosure will be used to control noise levels. -Regular noise monitoring will be carried out.
(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	Will be complied.

NO.	CONDITIONS	COMPLIANCE STATUS
	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.	Will be complied.
(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 bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	Will be complied.
(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 regularly.
(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.	Will Comply with.
(x)	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 Ministry in three months time.	Will be complied.
(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. Used 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.	Will be complied.
(xii)	Central air-conditioning energy efficient system having at least 3 star rating of BEE may be provided for the proposed housing complex.	Central air-conditioning will not be provided to residential units. If any AC is provided then it will be ensured that it meets the given criterion.
(xii)	Effort may be made to use solar energy to the maximum extent possible.	We are exploring the technical feasibility.
(xiii)	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	Will be complied during operation phase.
(xv)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Adequate distance has been maintained in the design of the Building.

**PART - B. GENERAL CONDITIONS:**

NO.	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.	- Six monthly compliance reports along with monitored data are being submitted regularly to monitoring agencies.
4.	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 MOEF, Shillong.	- We ensure to provide full cooperation, facilities and documents/data required by the Officials from the Regional Office of MOEF, Shillong during their inspection. - A complete set of all the documents submitted to MoEF is forwarded to the CCF, Regional office of MOEF, Shillong already.
5.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the Ministry.	Agreed with.
6.	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.
7.	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.	Statutory clearances like, - An approval for storage of diesel from Chief Controller of Explosives will be obtained, if applicable. - Approval of Fire Department will be obtained before operation of the project.
8.	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.
9.	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 Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . 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	- Public notice regarding Environmental clearance was published in the two local Newspapers widely circulated in the region i.e. <b>“The Assam Tribune”</b> dated <b>7/08/2012</b> and <b>“Daink Assam”</b> dated <b>08/08/2012(copies of the News paper notification</b>

NO.	CONDITIONS	COMPLIANCE STATUS
	Regional office of this Ministry at Shillong.	<p><b>cutting were provided to the concerned authority earlier).</b></p> <ul style="list-style-type: none"> <li>- A copy of the clearance letter is forwarded to the Regional office of Ministry at Shillong.</li> </ul>
10.	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.
11.	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.	<ul style="list-style-type: none"> <li>- A copy of the clearance letter was sent by us to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO but reply is not yet received.</li> <li>- Clearance letter is placed on the company's website i.e. <b>www.meghmallar.in</b>.</li> </ul>
12.	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 <sub>2</sub> , NO <sub>x</sub> (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.	<ul style="list-style-type: none"> <li>- Status of compliance of the stipulated EC conditions, including results of monitored data is uploaded on our website i.e. <b>www.meghmallar.in</b> and being updated periodically.</li> <li>- Simultaneously it is being regularly sent to the Regional Office of MoEF at Shillong and the Assam Pollution Control Board.</li> </ul>
13.	The environmental statement for each financial year ending 31 <sup>st</sup> 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 BC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Environmental Statement will be submitted to Assam Pollution Control Board after obtaining Consent to Operate after completion of the project.

## SOIL ANALYSIS REPORT



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Ref. Proj-ongoing/26/En-vision NE/Meghmallar/2015-16/S/09

09/04/2015


## TEST REPORT for Soil (150319\_14030101\_0 dated 19/03/2015)

<b>Name &amp; Address of Client</b>	Envision Enviro Technologies North East H/N-6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari Guwahati-781003, Assam, India		
<b>Name of the project or Sample ID</b>	M/S Meghmallar Estates and Services Pvt. Ltd, Rajgarh, Guwahati, Dist.: Kamrup (M), Assam.		
<b>Description of sample</b>	Soil		
<b>Date of Sampling</b>	19/03/2015	<b>Date of receipt of Sample</b>	19/03/2015
<b>Sample Collected by</b>	M/S En-vision Enviro Technologies North East		

S/N	PARAMETERS	UNIT	RESULT	REFERENCE METHOD	DETECTION LIMIT
1	pH	--	5.48	Potentiometric	0.01
2	Soil type	--	Loamy Sand	Hydrometer	--
	Sand	%	78.80	Hydrometer	0.01
	Clay	%	9.52	Hydrometer	0.01
	Silt	%	11.68	Hydrometer	0.01
3	Nitrogen	Kg/ha	304.00	Alkaline KMHO <sub>4</sub>	0.05
4	Phosphorus	mg/kg	44.20	Olsen Method	0.05
5	Potassium	mg/kg	36.05	NH <sub>4</sub> -acetate Extraction	0.01
6	EC	mS/cm	1.42	Conductivity Meter	0.01
7	WHC	%	38.50	Standard method	0.01
8	SOM	%	1.35	Titrimetric	0.01
9	Salinity	mS/cm	1.42	Conductometric	0.01
10	Iron	g/kg	40.25	Flame AAS	0.0001
11	Copper	mg/kg	33.55	Flame AAS	0.0001
12	Nickel	mg/kg	41.05	Flame AAS	0.0001
13	Manganese	mg/kg	302.50	Flame AAS	0.0001
14	Zinc	mg/kg	100.50	Flame AAS	0.0001
15	SAR	mol/kg	0.48	Computation	0.01
16	Chlorides	mg/kg	138.5	Argentometric	0.1

SAR Sodium Absorption ratio; WHC Water holding Capacity; SOM Soil Organic matter; EC Electrical Conductivity (both pH and EC for 1:5 soil-water suspension)

For EIA project, Gauhati University

  
K G Bhattacharyya, Coordinator  
(Coordinator, EIA project)

Coordinator  
EIA Project  
Gauhati University



## GROUND WATER ANALYSIS REPORT

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Coordinator, EIA Project

Ref. Proj-ongoing/26/En-vision NE/Meghmallar/2015-16/W/08  
09/04/2015

## TEST REPORT for Water (150319\_14030101\_0 dated 19/03/2015)

<b>Name &amp; Address of Client</b>	Envision Enviro Technologies North East H/N-6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari Guwahati-781003, Assam, India		
<b>Name of the project or Sample ID</b>	M/S Meghmallar Estates and Services Pvt. Ltd. Rajgarh, Guwahati, Dist.: Kamrup (M), Assam.		
<b>Description of sample</b>	Water		
<b>Date of Sampling</b>	19/03/2015	<b>Date of receipt of Sample</b>	19/03/2015
<b>Sample Collected by</b>	M/S En-vision Enviro Technologies North East		

Sl. No.	Water Quality PARAMETERS	UNIT	RESULT	REFERENCE METHOD	DETECTION LIMIT	IS 10500 : 2012	
						Acceptable limit	Permissible limit
1.	pH	--	7.74	Potentiometric	0.01	6.5-8.5	No relaxation
2.	Turbidity, Max	NTU	0.4	Nephelometric	0.1	1.0	5.0
3.	TDS, Max	mg/L	174.6	Dried at 185°C	0.1	500	2000
4.	Total hardness, Max	mg/L	162.5	EDTA Titrimetric	0.1	200	600
5.	Calcium, Max	mg/L	28.4	EDTA Titrimetric	0.1	75	200
6.	Magnesium, Max	mg/L	16.5	EDTA Titrimetric	0.1	30	100
7.	Total Alkalinity, Max	mg/L	184.6	Titrimetric	0.1	200	600

## GROUND WATER ANALYSIS REPORT

8.	Chloride, Max	mg/L	33.60	Argentometric	0.05	250	1000
9.	Sulphate, Max	mg/L	12.45	Turbidimetric	0.05	200	400
10.	Nitrates, Max	mg/L	4.10	Spectrophotometric	0.01	45	No relaxation
11.	Fluoride, Max	mg/L	0.55	SPADNS Method	0.01	1.0	1.5
12.	Residual chlorine, Min	mg/L	BDL	Iodometric	0.1	0.2	1.0
13.	Copper, Max	mg/L	0.0285	Atomic Absorption	0.0001	0.05	1.5
14.	Iron (as Fe), Max	mg/L	1.1405	Atomic Absorption	0.0001	0.3	No relaxation
15.	Cadmium, Max	mg/L	BDL	Atomic Absorption	0.0001	0.003	No relaxation
16.	Lead, Max	mg/L	0.0028	Atomic Absorption	0.0001	0.01	No relaxation
17.	Zinc, Max	mg/L	0.8805	Atomic Absorption	0.0001	5	15
18.	Chromium Total, Max	mg/L	0.0325	Atomic Absorption	0.0001	0.05	No relaxation
19.	Manganese, Max	mg/L	0.1008	Atomic Absorption	0.0001	0.1	0.3
20.	Selenium, Max	mg/L	0.0011	Atomic Absorption	0.0001	0.01	No relaxation
21.	Dissolved Oxygen	mg/L	4.4	Azide modification	0.1	--	--
22.	BOD	mg/L	8.3	3 Day incubation at 27°C	0.1	--	--
23.	COD	mg/L	16.8	Dichromate Reflux	0.1	--	--

All the measurement methods conform to IS 10500 : 2012 and World Health Organization (WHO) Guidelines.

For EIA Project, Gauhati University,



K G Bhattacharyya  
Coordinator

Coordinator  
EIA Project  
Gauhati University

## AMBIENT AIR ANALYSIS REPORT

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Technologies for better tomorrow

Recognized by Pollution Control Board, Assam

## AMBIENT AIR ANALYSIS REPORT

Rep.No. 150319\_14010018\_01\_758/187

Date: 19/03/2015

## Name &amp; Address:

M/s. Meghmaliar Estates  
and Services Pvt. Ltd.  
Japorigog, Tarun Nagar,  
Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/SOURCE	WEATHER	PARAMETERS			
				PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
i)	16/03/15	Near Main Gate	Clear	70.3	38.1	15.4	9.6
ii)		Near Centre Point		68.5	33.7	12.2	8.8

Remarks: - Parameters are within the permissible limit.

## NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air
			Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	24 hours	80
2	Nitrogen Dioxide (NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	24 hours	80
3	Particulate Matter (PM <sub>10</sub> ), $\mu\text{g}/\text{m}^3$	24 hours	100
4	Particulate Matter (PM <sub>2.5</sub> ), $\mu\text{g}/\text{m}^3$	24 hours	60

Envision Enviro Technologies North East, Guwahati



(Quality Control Manager)

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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## DG NOISE REPORT

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Enviro Technologies North East

Technologies for better tomorrow

Recognized by Pollution Control Board, Assam.

**D.G SET NOISE LEVEL MEASUREMENT REPORT**

Rep.No. 150319\_14010018\_06A\_759/107

Date: 19/03/2015

**Name & Address:**

M/s. Meghmallar Estates  
and Services Pvt. Ltd.  
Japorigog, Tarun Nagar,  
Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL In dB(A)Leq
i)	16/03/15	125 KVA - DG Set.	68.4

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

**DG Set Noise Standards:**

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

Envision Enviro Technologies North East, Guwahati.

(Quality Control Manager)

Note: i) The results relate only to the parameters tested  
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## AMBIENT NOISE REPORT

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## AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 150319\_14010018\_06A\_761/187

Date:19/03/2015

## Name &amp; Address:

M/s. Meghmallar Estates  
and Services Pvt. Ltd.  
Japorigog, Tarun Nagar,  
Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	16/03/15	Near Main Gate	53.0
ii)		Near Centre Point	50.5

Remarks: Noise level are carried out during day time.

## 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

Envision Enviro Technologies North East, Guwahati.


  
(Quality Control Manager)

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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## STACK ANALYSIS REPORT

# en-vision

Enviro Technologies North East

Technologies for better tomorrow

Recognized by Pollution Control Board, Assam

## STACK ANALYSIS REPORT

Rep.No. 150319\_14010018\_02\_760/1807

Date: 19/03/2015

### Name & Address:

M/s. Meghmallar Estates  
and Services Pvt. Ltd.  
Japorigog, Tarun Nagar,  
Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	16/03/15	Stack attached to DG set - 125 KVA	0.157	0.157 is within the permissible limit

### Emission Standards for Diesel Engine for generator set :

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

Envision Enviro Technologies North East, Guwahati



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