

S.A. GLOBAL PRIVATE LIMITED

Regd. Office: Group Housing Site, Sector 77, SAS Nagar (Mohali), PB 140308
M: 9599240168, E-mail: saglobal16@gmail.com, CIN: U51225PB2016PTC052956

Date: 27.11.2021

To
The Joint Director,
Ministry of Environment, Forest & Climate Change,
Regional Office (North),
Government of India,
Bay No. 24-25, Sector-31A,
Chandigarh 160030.

Subject: Submission of six monthly compliance report for period ending 30.09.2021 for the project namely "Homeland Regalia"(formerly known as Homeland Residences) located at Sector 77, Distt. SAS Nagar (Mohali), Punjab by M/s. S.A. Global Pvt. Ltd.

Sir,

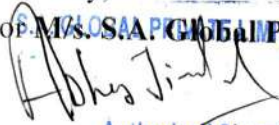
With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 30.09.2021 for the above said project in soft copy in compact disk (CD) of the compliance report for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you.

Sincerely,

For **M/s. S.A. Global Pvt. Ltd.**


Authorised Signatory
(Authorized Signatory)

Name:

Contact No.:

Designation:

E-mail:

CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019.

Site Address:

Group Housing Site, Sector 77, SAS Nagar (Mohali), PB 140308

2021

SIX MONTHLY COMPLIANCE REPORT

(Period ending 30.09.2021)

F
OR

For

“HOMELAND RESIDENCIES”

Gillco Valley, Sector 127, Kharar,
Distt. S.A.S. Nagar (Mohali), Punjab

Project By:

M/s S.A. GLOBAL PVT. LTD.

Sector-77, Distt. SAS Nagar (Mohali), Punjab

Prepared by:



Eco Laboratories and Consultants Private Limited

E-207, Industrial Area, Phase-VIII B (Sector-74), S.A.S Nagar (Mohali)
Punjab

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Phone: 0172-4616225, 8872043178



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**New Ministry of Environment, Forest and Climate Change
Northern Regional Office,
Chandigarh-160030**

DATA SHEET

1.	Project Type	Group Housing Project
2.	Name of the Project	“Homeland Regalia” (formerly known as Homeland Residences)
3.	Clearance letter (s)/O.M No. & dates	Environment Clearance is granted by MoEF&CC vide Letter F. No. 21-110/2020-IA-III dated 23.02.2021. Copy of the EC letter is attached along as Annexure 1 .
4.	Location	Sector-77,
	a) District (s)	SAS Nagar (Mohali)
	b) State (s)	Punjab
	c) Latitudes/ Longitudes	30°41'47.96"N and 76°42'19.16"E
5.	Address for correspondence	Mr. Abhey Jindal (Director) 9653100007 ceo@homelandgroup.org M/s. S.A. Global Pvt. Ltd. Site No. 252, Airport Road, Opp. Brew Bros, S.A.S Nagar (Mohali)
6.	Salient features	
	a) of the project	As per the Environment Clearance, the total plot area of the project is 18,536.082 sq. m. and the built up area of the project is 1,00,287.509 sq. m. The project comprises of 6 residential towers (303 residential flats) and 18 shops.
	b) of the environmental management plans	As per the Environment Clearance, the total water requirement for the project will be 122 KLD and same will be met by 92 KLD of fresh water from GMADA Supply and 30 KLD of recycled water. The total wastewater generation from the project will be 98 KLD which will be treated in STP of capacity 150 KLD. The total quantity of solid waste generation from the project will be 580 kg/day.
7.	Break-up of the project area	

	a) Submergence area: Forest and Non-forest	Not applicable																								
	b) Others	Not applicable																								
8.	Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not applicable																								
	a) SC/ST/Adivasis	Not applicable																								
	b) Others <i>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)</i>	Not applicable																								
s9.	Financial details:																									
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	Original planned project cost: Rs. 300 Crores																								
	b) Allocations made for environmental management plans with item wise and year wise break up.	<p>Rs. 166 Lakhs has been planned to be reserved for EMP during construction phase as capital cost. While, Rs. 12 Lakhs and 12.6 Lakhs has been planned to be reserved for EMP during construction and operation phase as recurring cost per annum respectively.</p> <p>During construction phase:</p> <table><tr><th>S. No.</th><th>Title</th><th>Capital Cost (in Lakhs)</th><th>Recurring Cost (in Lakhs/Annum)</th></tr><tr><td>1.</td><td>Air Pollution Control</td><td>5</td><td>0.5</td></tr><tr><td>2.</td><td>Water Pollution Control/ STP</td><td>35</td><td>1.5</td></tr><tr><td>3.</td><td>Noise Pollution Control</td><td>1</td><td>0.5</td></tr><tr><td>4.</td><td>Landscaping</td><td>20</td><td>3</td></tr><tr><td>5.</td><td>Solid Waste Management</td><td>10</td><td>2</td></tr></table>	S. No.	Title	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs/Annum)	1.	Air Pollution Control	5	0.5	2.	Water Pollution Control/ STP	35	1.5	3.	Noise Pollution Control	1	0.5	4.	Landscaping	20	3	5.	Solid Waste Management	10	2
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5.	Solid Waste Management	10	2																							

		<table><tr><td>6.</td><td>Rain water Recharging</td><td>15</td><td>0.5</td></tr><tr><td>7.</td><td>Energy Conservation</td><td>80</td><td>2</td></tr><tr><td>8.</td><td>Environmental Monitoring</td><td>-</td><td>2</td></tr><tr><td colspan="2">Total</td><td>166</td><td>12</td></tr></table>	6.	Rain water Recharging	15	0.5	7.	Energy Conservation	80	2	8.	Environmental Monitoring	-	2	Total		166	12														
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Total		Rs. 12.6 Lakhs/annum																														
c) Benefit cost ratio/internal rate of return and the year of assessment																																
d) Whether (c) includes the cost of environmental management as shown in b) above.																																
e) Actual expenditure incurred on the project so far.																																
f) Actual expenditure incurred on environmental management plans so far.																																
10.	Forest land requirement:																															

	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable.
	b) the status of clear felling, if any	Not Applicable.
	c) the status of compensatory afforestation, if any.	Not Applicable.
	d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far.	Not Applicable.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information	Not applicable
12.	Status of construction:	Construction of the project is yet to start. Photographs are attached along as Annexure 2.
	a) Date of commencement (actual and/or planned)	Actual date of commencement- January, 2021
	b) Date of completion (actual and/or planned)	Planned date of completion- December, 2024
13.	Reasons for the delay, if the project is yet to start	Not applicable

**Compliance Report on conditions imposed in Environmental Clearance for Period ending
30.09.2021**

PART-A- Specific Conditions

S. No.	Conditions	Reply
1.	Explore the possibility of 100% utilization of excess of treated water. The PP should consider diverting the excess treated water for use in nearby construction sites. The PP should approach GMADA for the purpose.	Agreed. Treated water from STP will be reused for flushing, green area development and excess will be disposed to GMADA sewer or nearby construction activities.
2.	PP should explore enhancing energy conservation up to at least 5%.	Agreed. Energy Conservation Building Code will be followed to conserve the energy.
3.	As committed, no groundwater abstraction shall be done during construction as well as operation phase of the project.	Agreed. No groundwater abstraction will be done during construction as well as operation phase of the project. Water requirement during operational phase will be met through GMADA supply.
4.	Fresh water requirement from local authority shall not exceed 92 KLD during operational phase.	Agreed. Fresh water requirement from GMADA will not exceed 92 KLD during operational phase.
5.	Trees cutting/ transplantation shall be subject to prior permission from the concerned local Authority. Compensatory plantation in the ratio of 1:10 (i.e., planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).	Agreed
6.	Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/ greenery will be 2,855.16 sq. m. As proposed, at least 240 trees to be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 sq.m of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be	Agreed. Adequate green area will be provided within the project premises.

	ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	
7.	As proposed, waste water shall be treated in an onsite STP of total 150 KLD capacity. The treated water from the STP shall be recycled and reused for flushing (at least 30 KLD) and for gardening (at least 16 KLD).	Agreed. STP of 150 KLD capacity will be installed within the project. The treated water from the STP will be recycled and reused for flushing and for gardening purpose.
8.	The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	Agreed. It will be complied
9.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, five RWH pits shall be provided for rain water harvesting after filtration.	Agreed. Adequate number of rain water recharging pits will be provided within the project premises to recharge groundwater.
10.	The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste. As committed, biodegradable waste shall be composted by use of Composter. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.	Agreed. Solid waste will be segregated at the source as biodegradable and non-biodegradable components. The recyclable waste will be sold to resellers. Bio-degradable waste will be composted by mechanical composter and inert waste will be dumped to authorized dumping site. Solid waste generated will be handled & disposed off as per the Solid Waste Management Rules, 2016.
11.	The PP shall also provide electric charging points in the parking areas for e-vehicles as committed.	Agreed.

12.	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals / clearances under any other Acts/ Regulations or Statutes as applicable to the project.	Noted.
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PART-B- Standard Conditions:

1. Statutory compliance:

S. No.	Conditions	Reply
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Agreed. All necessary permissions are being obtained simultaneously. Further, construction will be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Agreed. The building will be designed by approved Structural engineer as per the NBC guidelines and seismic zone IV. Further, Structural safety Certificate will be obtained.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The project does not fall in eco-sensitive zone of bird or wildlife sanctuary. Thus, NBWL clearance is not required
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Agreed. Consent to Establish will be obtained prior to start of construction of project.

6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Not Applicable as water requirement will be met through GMADA supply.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Agreed and same will be complied.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	The statutory clearances are being obtained as & when required. Approval has been filled from Airport Authority of India; copy of same is attached along as Annexure-3 .
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	Agreed. The same will be complied.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly	Agreed. It will be complied.

2. Air quality monitoring and preservation:

1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Agreed. The same will be complied during construction phase of the project.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	All necessary steps will be taken to reduce the air pollution and to improve the air quality during construction phase.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/ criterion parameters relevant to the	Ambient air quality monitoring has been done. Test Reports for ambient air quality

	main pollutants released (e.g. PM ₁₀ and PM _{2.5}) covering upwind and downwind directions during the construction period.	monitoring are attached along as Annexure 4
4.	Diesel power generating sets proposed as source of backup power 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 of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Agreed. DG sets with adequate stack height conforming to rules made under the Environment (Protection) Act, 1986 will be provided.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/ tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Agreed. All necessary steps like barricading sheets around construction area, tarpauling sheets for covering vehicles carrying construction materials etc. will be followed to reduce the air pollution during construction phase.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Noted. The same will be complied once the construction of the project starts.
7.	Wet jet shall be provided for grinding and stone cutting.	Agreed.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Regular water sprinkling will be done to suppress dust during construction phase.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and	Agreed. The construction waste will be managed as per Construction and Demolition Rules, 2016.

	construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	
10.	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Agreed. Diesel generator sets to be used during construction phase will be low Sulphur diesel type.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Agreed. Adequate stack height as well as acoustic enclosure will be provided with DG sets as per CPCB norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed. NBC will be followed in the project.

3. Water quality monitoring and preservation:

1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Agreed. It will be made sure that no Natural drainage is affected during construction or the operational phase of the project.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Agreed. Total fresh water use will not exceed the proposed requirement.

4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Agreed. Records of fresh water usage, water recycling and rainwater harvesting will be maintained. The record will be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Agreed. Approval for water supply has been obtained from GMADA vide letter no. GMADA/CE/2020/1957. Copy of approval is attached along as Annexure 5
6.	At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Agreed. It will be complied.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Agreed. Dual plumbing system will be provided within the project for reuse of treated wastewater for flushing as well as green area.
8.	Use of water saving devices/fixtures (viz. low flow flushing system; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.	Agreed. Low flow fixtures will be provided for the reduction of the use of water.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Agreed. Dual plumbing system will be provided within the project.
10.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	Agreed. Curing agents as well as other best practices will be used during

		construction work for reducing water demand.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/ storage tanks shall be provided for ground water recharging as per the CGWB norms.	Agreed. Adequate nos. of rain water recharging pits will be provided to recharge groundwater.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Agreed. Rain water harvesting system will be designed as suggested. Adequate nos. of rain water recharging pits will be provided to recharge groundwater. Fresh water demand will be met through GMADA supply.
13.	All recharge should be limited to shallow aquifer.	Agreed. It will be complied.
14.	No ground water shall be used during construction phase of the project.	Agreed. No ground water will be used for construction. Only treated water will be used for construction activities.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Agreed.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Agreed. Records of fresh water usage, water recycling and rainwater harvesting will be maintained. The record will be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.

17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Agreed. STP of 150 KLD capacity will be installed within the project site for treatment of wastewater to be generated during operation phase. Treated water from STP will be recycled for flushing, landscaping, etc.
18.	No sewage or untreated effluent water would be discharged through storm water drains.	Agreed. No sewage or untreated effluent water will not be discharged directly without treatment. Wastewater generated from operation phase will be treated in STP and treated water will be recycled for flushing, landscaping, etc.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Agreed. STP of 150 KLD capacity will be installed within the project site for treatment of wastewater to be generated during operation phase. Treated water from STP will be recycled for flushing, landscaping, etc.
20.	Periodically monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Treated sewage will be regularly monitored once treatment facility is provided within the project.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Agreed. STP sludge generated from proposed STP will be utilized for landscaping within the project only.

4. Noise monitoring and prevention:

1.	Ambient noise levels shall conform to residential area/ commercial area/ industrial area/ silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Ambient noise levels will be regularly monitored and maintained regularly during construction phase. Recent test report is enclosed as Annexure-4 .
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Ambient noise levels will be regularly monitored and maintained regularly during construction phase. Recent test report is enclosed as Annexure-4 .
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Acoustic enclosure for DG set and ear plugs to construction labors will be provided.

5. Energy Conservation measures:

1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Agreed. ECBC guidelines will be followed in the project
2.	Outdoor and common area lighting shall be LED.	Agreed. LED lighting will be provided within the project.

3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Agreed. ECBC guidelines will be followed in the project.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Agreed. Adequate energy conservation measures will be followed in the project to conserve energy.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.	Agreed. The same will be complied.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Agreed. Solar lights shall be provided within the project for illumination of common areas.

6. Waste Management:

1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S. W. generated from project shall be obtained.	Solid waste will be collected, stored and disposed off as per Solid Waste Management Rules, 2016. Permission from GMADA regarding solid waste disposal has been obtained and copy of same is enclosed as Annexure-5 .
2.	Disposal of muck during construction phase shall 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.	Agreed. No major muck will be generated from construction site and will be disposed in an environmentally safe manner
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Agreed. Separate wet and dry bins will be provided for segregation of solid waste.
4.	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg / person/ day must be installed.	Mechanical composter will be installed for management of biodegradable waste.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Agreed. The same will be complied.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Agreed.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed	Agreed. Fly ash bricks and fly ash based cement will be used in the construction of the project.

	earth blocks, and other environment friendly materials.	
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Agreed. Fly ash based cement will be used for construction purpose to the maximum extent possible.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Agreed. The construction waste will be managed as per Construction and Demolition Rules, 2016.
10.	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.	Agreed.

7. Green Cover:

1.	No tree can be felled/ transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Agreed
2.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Agreed. The top soil excavated during construction activities will be used for landscaping within the project premises to the maximum possible extent.

8. Transport:

1.	<p>A comprehensive mobility plan, as per Mo-JD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none">• Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.• Traffic calming measures.• Proper design of entry and exit points.• Parking norms as per local regulation.	Agreed. The same will be complied.
2.	<p>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 be operated only during non-peak hours.</p>	Agreed. The same will be complied once construction starts.
3.	<p>A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components</p>	Agreed. The same will be complied.

	of the plan which involve the participation of these departments.	
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9. Human health issues:

1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Agreed. Personal Protection Equipment (PPE) will be provided to workers for safety.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed. NBC will be followed for ventilation provision.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted
4.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed. All necessary facilities like housing, fuel for cooking, medical checkup, mobile toilets etc. will be provided to the construction labors at project site.
5.	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed. Health check-up of the workers will be done on regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.	Agreed. First aid room will be provided at construction site and will also be maintained during operation phase.

10. Miscellaneous:

1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/ SEIAA website where it is displayed.	Advertisement have been published in the local newspapers. Copy of advertisement is enclosed as Annexure-6
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Agreed.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Agreed. Status of compliance of the stipulated environment clearance conditions, including results of monitored data will be uploaded once the company's website is created.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed. Six monthly compliance reports of the stipulated EC conditions including results of monitored data will be regularly submitted to the respective offices. Also, same will be uploaded on environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or	Agreed. Environment policy shall be implemented.

	shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Agreed. Environment Management Cell will be formed for the monitoring of environment related aspects.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six Monthly Compliance Report.	Agreed. The same will be complied.
8.	The project proponent shall submitted the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed as under the environment (protection) Rule, 1986 as amended subsequently and put on the website of the company.	Agreed. It will be complied.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Agreed.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed. Stipulations made by the State Pollution Control Board and the State Government will be strictly followed.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during	Agreed. The commitments made in the EMP report will be adhered.

	their presentation to the Expert Appraisal Committee.	
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Agreed. No changes will be made without prior permission from the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
14.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
15.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.	Agreed. Full cooperation will be extended to the officer of the Regional Office and PPCB by furnishing the requisite data/ information/ monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Honable Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted.

18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
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F. No. 21-110/2020-IA-III

Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 3
Tel: 011-24695301 Email: lk.bokolia@nic.in

Date: 23rd February, 2021

To,

Director**M/s S.A. Global Pvt. Ltd.**

Unit No. 14, Plot No. 31,
Lower Ground Floor, Road No. 44,
Vikas Tower Building, Rani Bagh,
Community Center, Pitampura, New Delhi,
Saraswati Vihar, North West Delhi-110034
Email: homelandresidences123@gmail.com

Subject: Environmental Clearance for Development of Group Housing Project namely "Homeland Residences" with built-up area of 1,00,287.509 sqm at Sector 77 (opposite Gurudwara Mata Sundar Kaur), Distt. SAS Nagar (Mohali), Punjab by M/s S.A. Global Pvt. Ltd.-regarding.

Sir,

This has reference to your Application/ Proposal No. IA/PB/MIS/189419/2020; received on 23rd December, 2020 through Parivesh Portal for grant of Environmental Clearance (EC) Environmental Clearance for Development of Group Housing Project namely "Homeland Residences" with built-up area of 1,00,287.509 sqm at Sector 77 (opposite Gurudwara Mata Sundar Kaur), Distt. SAS Nagar (Mohali), Punjab, by M/s S.A. Global Pvt. Ltd.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006; as amended and notified under the Environment (Protection) Act, 1986 (29 of 1986), the above-mentioned project/activity is covered under category 'B' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Punjab, the proposal required appraisal at Central level by sectoral EAC.
3. Accordingly, the above mentioned proposal for grant of Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) its 59th meeting held on 8th January, 2021.
4. The details of the project, as per the Application and documents submitted by the project proponent, and also as informed during the above-mentioned

meetings of EAC (Infra-2) are as under: -

- i. The project is located at Sector 77 (opposite Gurudwara Mata Sundar Kaur), Distt. SAS Nagar (Mohali), Punjab with the coordinates - 30°41'47.96"N Latitude and 76°42'19.16"E Longitude.
- ii. The project is new. The details of building are as follows:

S. No.	Tower details	Store y	Ground coverag e (in sq.m.)	FAR (in sq.m.)	Non-FAR except Balcony (in sq.m.)	Service FAR (in sq.m.)	No. of Dwellin g units
1.	Tower T1	S+24	755	9,008.005	533.110	1,182.37 9	48
2.	Tower T2	S+24	755	9,008.004	533.110	1,182.37 9	48
3.	Tower T3	S+23	755	8,639.942	533.110	1,182.37 9	69
4.	Tower T4	S+23	755	8,639.942	533.110	1,182.37 9	46
5.	Tower T5	S+23	755	8,639.942	533.110	1,182.37 9	46
6.	Tower T6	S+23	755	8,639.943	533.110	1,182.37 9	46
7.	Booth Site	B+G	725	8,39.916	399.767	131.385	18 shops
8.	Guard Room (2 Nos.)	G	-	-	-	18	-
9.	Basement - 1 Area	-	-	-	14,055.02 0	-	-
10.	Basement - 2 Area	-	-	-	15,284.85 0	-	-
Total		-	5,255	53,415.6 9	32,938.29	7,243.65	303 DU + 18 Shops

- iii. The total plot area is 18,536.082 sqm., FSI area is 53,415.692 sqm and total proposed construction (Built-up) area of project is 1,00,287.509 sqm. The project will comprise of six (06) residential towers (303 residential flats) and 18 shops. Maximum height of building will be 60 m.
- iv. During construction phase, total water requirement is expected to be 14 KLD; which will be met by treated water from STP of PP's existing project situated opposite to this proposed project; namely, Homeland Heights. During the construction phase, septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- v. During operational phase, total water requirement of project is expected to be 122 KLD and same will be met by 92 KLD of fresh water from Greater Mohali Area Development Authority (GMADA) supply and 30 KLD of recycled water. Wastewater generated (98 KLD) will be treated

in a STP of capacity 150 KLD. 46 KLD of treated wastewater will be recycled and re-used for flushing (30 KLD) and gardening (16 KLD). About 50 KLD will be disposed to GMADA sewer / nearby construction activities / water body within the project.

- vi. About 0.58 TPD of solid waste will be generated in the project. The biodegradable waste (0.26 TPD) will be processed in one Mechanical Composter of 300 kg and the non-biodegradable waste and domestic hazardous waste generated (0.32 TPD) will be handed over to authorized local vendor.
- vii. The total power requirement during construction phase and operation phase will be 99 KW and 2089 KW respectively. It will be met from Punjab State Power Corporation Limited (PSPCL).
- viii. Five rain water recharging pits have been proposed.
- ix. Green area proposed will be 2,855.16 sqm. 240 trees are to be planted. Transplantation of two trees is required and these are proposed to be transplanted within the premises only.
- x. Parking facility for 703 ECS is proposed against the requirement of 694 ECS (according to local norms).
- xi. Proposed energy saving measures would save about 13.56% of power.
- xii. The project is not located in Critically Polluted area.
- xiii. The project is situated at a distance of approx. 8 km from City Bird Sanctuary. However, the project is located outside the eco-sensitive zone of the sanctuary as notified in final notification dated 4th January, 2017. Therefore, NBWL Clearance is not required as project is located outside eco-sensitive zone of the City Bird Sanctuary.
- xiv. Forest Clearance is not required.
- xv. No Court case is pending against the project.
- xvi. No activity on the project site has since been taken up.
- xvii. Expected timeline for completion of the project: December, 2024.
- xviii. Investment/Cost of the project is Rs 300 Crores.
- xix. Employment potential: 100 persons during construction phase and 100 persons during operation phase.
- xx. Benefits of the project: Providing comfortable and luxurious living facility along with beautifully designed green spaces and commercial space having 18 shops.

5. The EAC, based on information and clarifications provided by the project proponent and detailed discussions held on the issues, has recommended granting environmental clearance to the project. The aforesaid recommendation of EAC (Infra-2) is subject to certain specific conditions, as stipulated during its 59th meeting held on 8th January, 2021 and the standard EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said project/activity.

6. Based on recommendations of EAC (Infra-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project for 'Environmental Clearance for Development of Group Housing Project namely "Homeland Residences" with built-up area of 1,00,287.509 sqm at Sector 77 (opposite Gurudwara Mata Sundar Kaur), Distt. SAS Nagar (Mohali), Punjab by M/s S.A. Global Pvt. Ltd.', under the provisions of the EIA

Notification, 2006 and amendments/circulars issued thereon, and subject to the following specific and standard conditions:

A. Specific Conditions:

- i. Explore the possibility of 100% utilization of excess of treated water. The PP should consider diverting the excess treated water for use in nearby construction sites. The PP should approach GMADA for the purpose.
- ii. PP should explore enhancing energy conservation up to at least 5%.
- iii. As committed, no groundwater abstraction shall be done during construction as well as operation phase of the project.
- iv. Fresh water requirement from local authority shall not exceed 92 KLD during operational phase.
- v. Trees cutting/ transplantation shall be subject to prior permission from the concerned local Authority. Compensatory plantation in the ratio of 1:10 (i.e., planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).
- vi. Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 2,855.16 sqm. As proposed, at least 240 trees to be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- vii. As proposed, waste water shall be treated in an onsite STP of total 150 KLD capacity. The treated water from the STP shall be recycled and re-used for flushing (at least 30 KLD) and for gardening (at least 16 KLD).
- viii. The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
- ix. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, five RWH pits shall be provided for rain water harvesting after filtration.
- x. The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste. As committed, biodegradable waste shall be composted by use of Composter. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.
- xi. The PP shall also provide electric charging points in the parking areas

- for e-vehicles as committed.
- xii. The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.

B. Standard Conditions:

I. Statutory compliance:

- i. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

II. Air quality monitoring and preservation:

- i. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5}) covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets proposed as source of backup power 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 of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation:

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban

- drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - iii. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - vi. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 - vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
 - viii. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
 - x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - xi. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - xiii. All recharge should be limited to shallow aquifer.
 - xiv. No ground water shall be used during construction phase of the project.
 - xv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter.

Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.

- xvi. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xvii. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xviii. No sewage or untreated effluent water would be discharged through storm water drains.
- xix. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xx. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxi. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention:

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

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V. Energy Conservation measures:

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management:

- i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii. Disposal of muck during construction phase shall 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.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow

- bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 - ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
 - x. 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.

VII. Green Cover:

- i. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

VIII. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. 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 be operated only during non-peak hours.
- iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified

by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues:

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Miscellaneous:

- i. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- v. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The

company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- vi. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- vii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
- viii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- ix. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- x. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xi. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
- xiii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability

- Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

7. The Environmental Clearance is being granted to M/s. S.A. Global Pvt. Ltd for Development of Group Housing Project namely "Homeland Residences" with built-up area of 1,00,287.509 sqm at Sector 77 (opposite Gurudwara Mata Sundar Kaur), Distt. SAS Nagar (Mohali), Punjab

8. This issues with the approval of the Competent Authority.


(Lalit Bokolia)
Director(S)

Copy to:

1. Secretary, Department of Science & Technology and Environment, Government of Punjab, Punjab Civil Secretariat-2, 9A, Sector-9, Chandigarh-160009
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office (Northern Zone), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh - 160030
3. Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala- 147001, Punjab
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.


(Lalit Bokolia)
Director(S)

Photographs of the project site





By Regd Post

Tele: 011-25687194/ 7315

HQ Western Air Command, IAF
Subroto Park
New Delhi-10

WAC/S5016/2/ATS (27/21)

10 August 2021

Homeland Regalia,
Allotment Number-5469,
Group Housing Site,
Near Radha Swami Satsang Bhawan,
200 Ft Airport Road, Sector-77,
SAS Nagar, Mohali, Punjab
160071

NOC FOR CONSTRUCTION OF BUILDING

Sir,

1. Please refer your application dated 03 June 2021 on the subject.
2. The application has been examined under Gazette of India GSR 751 (E), Works of Defence Act 1903 and other relevant orders on the subject. This HQ has no objection for construction of **85 m** high building for group housing project named "Homeland Regalia" at allotment number-5469, group housing site, near Radha Swami Satsang Bhawan, 200 Ft. Airport Road, Sector-77, SAS Nagar, Mohali, Punjab **subject to following conditions:-**
 - (a) The NOC with respect to Air Force Station Chandigarh is for construction of the subject building and cannot be used as document for any other purpose/claim whatsoever including ownership of land.
 - (b) The applicant is responsible to obtain NOC/ all statutory clearance from the concerned authorities including approval of building plans. Clearance shall also be obtained separately from any other defence establishment in the vicinity of proposed construction.
 - (c) The site elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation of the proposed structure. However, at any stage, if it is established that the actual site elevation and site coordinates are different from those provided by the applicant, the NOC will be invalid.
 - (d) The issue of the NOC is further subject to the provisions of Section 5(2) of GSR 751 (E) read in conjunction with sub section (1) and clause (O) & clause (R) of sub section 2 of section 5 read with section 9 (A) of Aircraft Act 1934.
 - (e) Vertical extent (highest point) of the building proposed at coordinates mentioned overleaf **shall not exceed 399 m, AMSL or 85 m, AGL**. No extension or structure permanent or temporary (e.g. Cranes, Antennas, Mumtee, lightening Arresters, Lift machine room, Overhead water tank, Cooling towers, Sign boards, any attachment or fixtures of any kind) shall be permitted above the cleared height.

Corners	Latitude	Longitude	Site Elevation
A	30° 41' 47" N	76° 42' 18" E	313 m AMSL
B	30° 41' 43" N	76° 42' 21" E	313 m AMSL
C	30° 41' 45" N	76° 42' 25" E	314 m AMSL
D	30° 41' 48" N	76° 42' 23" E	314m AMSL
E	30° 41' 48" N	76° 42' 20" E	314 m AMSL

(f) Standard obstruction lightings as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards as stipulated in ICAO Annex-14 is to be provided by the company. The lights shall be kept 'ON' at all times. Provision shall be made for standby power supply to keep the lights 'ON' during power failure. Company shall carry out periodic maintenance of the lights to keep them in serviceable and visible condition.

(g) A proper garbage disposal system in accordance with the provisions of Solid Waste Management Rule, 2016 / Gazette Notification SO 1357 (E) (Para 4) or Environment (Protection) Act, 1986 including amendments shall be adhered to by the applicant for the purpose of avoiding bird activity.

(h) No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the airport shall be installed at the site at any time during or after the construction of the building.

(j) The commencement and completion of construction including installation of obstruction lights shall be intimated to Air Officer Commanding, AF Station Chandigarh. Failure to render these certificates within the stipulated time shall lead to cancellation of NOC.

(k) The NOC is valid for **Five years** from the date of its issue. If the building is not constructed and completed within this period, the applicant shall be required to obtain a fresh/ extension of NOC from Indian Air Force. Request for revalidation of NOC will not be entertained after the expiry of validity period.

Yours sincerely,



(Pooja Khanna)
Wing Commander
Command ATC Officer

Copy to:

Air HQ (VB) (Wg Cdr Ops ATS-IV)

AF Stn Chandigarh (SATCO)

Internal:

C Nav O



Eco Laboratories & Consultants Pvt. Ltd.

CIN : U74140PB2011PTC034739

TEST REPORT



ULR No. : TC747721000007058F		Test Report No. : EL161121NW002	
Type of Sample : Water (Ground Water)		Date of Reporting : 24/11/2021	
Customer	Homeland Regalia (Earlier Known as Homeland By M/s S.A. Global Pvt Ltd. Opp. Gurdwara Mata Sunder Kaur, Sector-77, Mohali(Punjab)	Work Order No. & Date	EL/HR/EMAIL/2399 Dt.: 09/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	IS:3025 (P-1) 1987 RA 2019	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/11/2021	Date of Receipt of Sample	16/11/2021
Sampling Location	From Borewell	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	16/11/2021 To 24/11/2021
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 250ml Glass Bottle Marked 'S/16/01'		

RESULTS

I -Chemical Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL(DL 5)	5	15	IS: 3025 (Part-4)Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.25	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL 1)	1	5	IS 3025 (Part-10)
6	Chloride as Cl.	mg/l	20	250	1000	APHA-23rd Ed -4500 B Argentometric Method
7	Iron as Fe	mg/l	0.19	1.0	No relaxation	IS: 3025 (Part-53)
8	Total hardness as CaCO ₃	mg/l	198	200	600	IS :3025 (Part-21)

II -Biological Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Checked by QA

Simranjit Kaur
Authorized Signatory-Biological

Tanu Sharma
Authorized Signatory-Chemical

Format No. F/7.8.2-W-01-18.06.20 Rev 05

ECO BHAWAN

E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

Page No. 1/2



ULR No. : TC747721000007058F

Test Report No. : EL161121NW002

Type of Sample : Water (Ground Water)

Date of Reporting : 24/11/2021

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

****End of Report****


Checked by QA

Format No. F/7.8.2-W-01-18.06.20 Rev 05


Simranjit Kaur
Authorized Signatory-Biological


Tanu Sharma
Authorized Signatory-Chemical

Page No. 2/2

TEST REPORT



ULR No. : TC747721000007059F		Test Report No. : EL161121NS001	
Type of Sample : Soil		Date of Reporting : 24/11/2021	
Customer	Homeland Regalia (Earlier Known as Homeland By M/s S.A. Global Pvt Ltd. Opp. Gurdwara Mata Sunder Kaur, Sector-77, Mohali(Punjab)	Work Order No. & Date	EL/HR/EMAIL/2399 Dt.: 09/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/11/2021	Date of Receipt of Sample	16/11/2021
Sampling Location	From Project Site	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	16/11/2021 To 24/11/2021
Sample Description Brown colored soil.			
Packing, Markings, Seal & Qty. 5 Kg Poly Bag Marked 'S/16/01'			

RESULTS

I. Chemical Testing

1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	7.48	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.298	IS:14767
3	Moisture Content	%	10	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	1.49	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy Loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.49	IS: 2720 (Part-7)

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
 Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Checked by QA

Umesh Kumar
 Authorized Signatory-Chemical

TEST REPORT



TC-7477

ULR No. : TC747721000007063F		Test Report No. : EL171121NA001	
Type of Sample : Ambient Air Quality		Date of Reporting : 24/11/2021	
Customer	Homeland Regalia (Earlier Known as Homeland By M/s S.A. Global Pvt Ltd. Opp. Gurdwara Mata Sunder Kaur, Sector-77, Mohali(Punjab))	Work Order No. & Date	EL/HR/EMAIL/2399 Dt.: 09/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/11/2021	Date of Receipt of Sample	17/11/2021
Sampling Location	At Project Site	Period of Analysis	17/11/2021 To 24/11/2021
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Clear sky
Testing Location	On Site & Permanent Facility		

RESULTS

I-Chemical Testing

1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m ³	96	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m ³	57	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO ₂)	µg/m ³	15	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO ₂)	µg/m ³	33	80	IS: 5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m ³	22	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O ₃)	µg/m ³	26	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO)	mg/m ³	0.88	04	IS: 5182 (Part-10), NDIR Method

Remarks : NA

OTHER INFORMATION

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Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Checked by QA

Umesh Kumar
Authorized Signatory-Chemical

TEST REPORT



TC-7477

ULR No. : TC747721000007064F		Test Report No. : EL171121NN001	
Type of Sample : Ambient Noise		Date of Reporting : 24/11/2021	
Customer	Homeland Regalia (Earlier Known as Homeland By M/s S.A. Global Pvt Ltd. Opp. Gurdwara Mata Sunder Kaur, Sector-77, Mohali(Punjab))	Work Order No. & Date	EL/HR/EMAIL/2399 Dt.: 09/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	IS 9989-1989, RA 2008	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/11/2021	Date of Receipt of Sample	17/11/2021
Sampling Location	At Project Site	Period of Analysis	17/11/2021 To 17/11/2021
Testing Protocol	IS 9989-1989, RA 2008.		
Testing Location	On Site & Permanent Facility		

RESULTS

I- Chemical Testing

1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	52.5	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

OTHER INFORMATION

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Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Tamil
Checked by QA

Umesh Kumar
Authorized Signatory-Chemical



GREATER MOHALI AREA DEVELOPMENT AUTHORITY,
PUDA BHAWAN, SECTOR-62, SAS NAGAR (MOHALI)

To

S.A. Global Pvt. Ltd.
Unit No. 14, Plot No. 31, LGF
Vikas Tower Building, Pitampura
New Delhi.

No. GMADA/CE/2020/1957
Dated: 22-12-2020

Sub: Confirmation regarding the supply of water, sewerage connection and waste disposal for Group Housing Site, Opp Mata Sundar Kaur Gurdwara, 200 ft Airport Road, SAS Nagar (Mohali).

Ref: Your office letter No. Nil dated 19-12-2020 and Memo No. 46711 Dated 20-11-2020 of EO(P), GMADA, Mohali

Please refer to the office Memos as above.

It is brought in to your notice that since you were the successful bidder for the Group Housing Site, Sec-77 (opposite Gurudwara Mata Sundar Kaur, at junction Sec 71, 70, 76 & 77) during the Auction held by GMADA vide your Auction ID 2463, GMADA is bound to handover the site in fully developed Sector, meaning there by that trunk water supply, Sewerage and Storm Water Drainage line will be provided by GMADA outside the site in question allotted to you. However, being a Bulk Waste Generator, you will have to make your own arrangements for the Solid Waste Management, as per the Solid Waste Management Rules notified by Government.


22/12
Chief Engineer,
GMADA

It is for the information of General Public that M/s S.A. Global Pvt. Ltd. has been granted Environmental Clearance by MoEF & CC for development of Group Housing Project namely "Homeland Residences" comprising of 6 Residential Towers and 18 Shops located at Sector-77, Distt. S.A.S. Nagar (Mohali) Punjab vide F.No. 21-110/2020-IA-III dated 23.02.2021 through our Environmental Consultant "M/s Eco Laboratories & Consultants Pvt. Ltd., Mohali". The copy of the Environmental Clearance along with the conditions to be complied is available with Environmental Clearance portal and with the Project proponent. The interested person can contact either of the two.

1. M/s. S.A. Global Pvt. Ltd. Unit No. 14, Plot No. 31, Lower Ground Floor, Road No. 44, Vikas Tower Building, Rani Bagh, Community Center, Pitampura, New Delhi. Saraswati Vihar, North West Delhi- 110034

2. M/s. Eco Laboratories & Consultants Pvt. Ltd. E-207, Industrial Area, Phase VIII-B, Sector-74, Mohali, Punjab

सार्वजनिक सूचना

यह आम जनता की जानकारी के लिए है कि मैसर्ज एस.ए. ग्लोबल प्राइवेट लिमि. में हमारे एन्वायरनमेंट कंसल्टेंट, मैसर्ज ईको लैबोरेट्रीज एंड कंसल्टेंट्स प्राइवेट लिमि. मोहाली के माध्यम से एफ नं. 21-110/2020-1ए-III तिथि 23.02.2021 के अनुसार सेक्टर-77, जिला एसएस नगर (मोहाली) पंजाब में स्थित ग्रुप हाऊसिंग प्रोजेक्ट नामतः "होमलैंड रेजीडेंसिस" सम्मिलित 6 रेजीडेंशियल टावर्स और 18 दुकानों के विकास के लिए एमओईएफ और सीसी से एन्वायरनमेंट क्लीयरेंस प्राप्त की है। एन्वायरनमेंटल क्लीयरेंस की कापी के साथ-साथ अनुपालन की जाने वाली शर्तें एन्वायरनमेंटल क्लीयरेंस पोर्टल पर और प्रोजेक्ट प्रोपोनेंट के साथ उपलब्ध है। इच्छुक व्यक्ति चाहे दोनों से, 1. मैसर्ज एम.ए. ग्लोबल प्राइवेट लिमि., यूनिट नं. 14 प्लॉट नं. 31, लोअर ग्राऊंड फ्लोर रोड नं. 44 विकास टावर, बिल्डिंग, रानी बाग कम्युनिटी सेंटर, पीतमपुरा, नई दिल्ली सरस्वती विहार नार्थ वेस्ट दिल्ली-110034, 2. मैसर्ज ईको लैबोरेट्रीज एंड कंसल्टेंट प्राइवेट लिमि. ई-207, इंडस्ट्रीयल एरिया फेस VIII-बी, सेक्टर 74, मोहाली, पंजाब में सम्पर्क कर सकता है।

ਪਬਲਿਕ ਨੋਟਿਸ

ਆਮ ਜਨ ਸਧਾਰਨ ਨੂੰ ਸੂਚਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਮੈਸ ਐਸ.ਏ. ਗਲੋਬਲ ਪ੍ਰਾ. ਲਿਮ. ਨੂੰ ਗਰੁੱਪ ਹਾਊਸਿੰਗ ਪ੍ਰਜੈਕਟ “ਹੋਮਲੈਂਡ ਰੈਜੀਡੈਂਸੀ” ਜਿਸ ਵਿੱਚ 6 ਰਹਾਇਸ਼ੀ ਟਾਵਰ ਅਤੇ 18 ਦੁਕਾਨਾਂ ਸਥਿਤੀ ਸੈਕਟਰ 77, ਜ਼ਿਲ੍ਹਾ ਐਸ.ਏ.ਐਸ. ਨਗਰ (ਮੋਹਾਲੀ) ਪੰਜਾਬ ਰਾਹੀਂ ਐਫ ਨੰ. 21-110/2020-IA-III ਮਿਤੀ 23.02.2021 ਰਾਹੀਂ ਸਾਡੇ ਇੰਵਾਇਰਮੈਂਟ ਕੰਸਲਟੈਂਟ “ਮੈਸ ਈਕੋ ਲੈਬੋਰੇਟਰੀਜ਼ ਐਂਡ ਕੰਸਲਟੈਂਟਜ਼ ਪ੍ਰ. ਲਿਮ. ਮੋਹਾਲੀ”, ਲਈ ਐਮਓਈਐਫ ਐਂਡ ਸੀਸੀ ਵੱਲੋਂ ਇੰਨਵਾਇਰਮੈਂਟ ਕਲੀਅਰੈਂਸ ਦੇ ਦਿੱਤੀ ਗਈ ਹੈ। ਇੰਨਵਾਇਰਮੈਂਟ ਕਲੀਅਰੈਂਸ ਦੀ ਕਾਪੀ ਸਮੇਤ ਬਰਤਾਂ ਅਤੇ ਪ੍ਰਜੈਕਟ ਪ੍ਰਸਤਾਵ ਇੰਨਵਾਇਰਮੈਂਟ ਕਲੀਅਰੈਂਸ ਪੋਰਟਲ 'ਤੇ ਉਪਲਬਧ ਹਨ। ਚਾਹਵਾਨ ਵਿਅਕਤੀ ਹੇਠ ਲਿਖੇ ਦੋਨਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਨੂੰ ਵੀ ਸਪਰੰਕ ਕਰ ਸਕਦਾ ਹੈ:

1. ਮੈਸ ਐਸ.ਏ. ਗਲੋਬਲ ਪ੍ਰਾ. ਲਿਮ. ਯੂਨੀਟ ਨੰ. 14, ਪਲਾਟ ਨੰ. 31, ਲੋਅਰ ਗਰਾਉਂਡ ਮੰਜ਼ਿਲ, ਰੋਡ ਨੰ. 44, ਵਿਕਾਸ ਟਾਵਰ ਬਿਲਡਿੰਗ, ਰਾਣੀ ਬਾਗ, ਕਮਿਊਨਿਟੀ ਸੈਂਟਰ, ਪੀਤਮਪੁਰਾ, ਨਿਊ ਦਿੱਲੀ, ਸਰਸਵਤੀ ਵਿਹਾਰ, ਉਤਰ ਪੱਛਮ ਦਿੱਲੀ 110034

2. ਮੈਸ ਈਕੋ ਲੈਬੋਰੇਟਰੀਜ਼ ਐਂਡ ਕੰਸਲਟੈਂਟ ਪ੍ਰਾ. ਲਿਮ. ਈ-207, ਇੰਡਸਟਰੀਜ਼ ਏਰੀਆ, ਫੇਜ਼ 8-ਬੀ, ਸੈਕਟਰ 74, ਮੋਹਾਲੀ, ਪੰਜਾਬ