



AADHAAR DEVELOPERS

Kh 48/8, V.P.O. WADALA BHITTEWADH, RAM TIRATH ROAD, AMRITSAR.

Ref. No.....

Dated.....

Date: 29.05.2023

To
The Joint Director
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Bays Nos. 24-25, Sector 31 A,
Dakshin Marg,
Chandigarh – 160030

Subject: Submission of Six Monthly Compliance Report for period ending 31.03.2023 for the Affordable residential colony (Plotted) project namely “Aadhaar Enclave” located at Ram Tirath Road, Village WadalaBhittewad, Distt. Amritsar, Punjab by M/s Aadhaar Developers.

Sir,

With reference to the EIA Notification & its amendments for six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 31.03.2023 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely,

For Aadhaar Developers

Name: Paramjit Singh Chavala

Designation: Partner

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Email- aadhaardevelopers@gmail.com

CC to:

Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019 (Uploaded on parivesh portal)

2023

SIX MONTHLY COMPLIANCE REPORT

(Period ending 31.03.2023)

For

Affordable residential colony (Plotted) project “Aadhaar Enclave”

**Located at Ram Tirath Road, Village Wadala
Bhittewad, Distt. Amritsar, Punjab**

Project by:

M/s Aadhaar Developers

**Kh. 48//8, V.P.O. Wadala Bhittewad,
Amritsar, Ram Tirath Road,
Punjab.**

Prepared by:



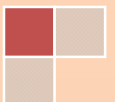
**Eco Paryavaran Laboratories and Consultants
Private Limited**

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Ministry of Environment, Forests & Climate Change
Northern Regional Office
Chandigarh-160 030

Data sheet

1.	Project Type	Building and Construction Project
2.	Name of the Project	Affordable Residential colony (Plotted) “Aadhaar Enclave” by M/s Aadhaar Developers
3.	Clearance letter (s) O.M. No. & Date	Environmental Clearance has been granted vide EC Identification No. EC22B038PB151099 dated 05.01.2022 and the copy of the same is attached along as Annexure-1 .
4.	Location	Ram Tirath Road, Village Wadala Bhattewad,
a.	District(s)	Amritsar
b.	State (s)	Punjab
5.	Address for correspondence	Kh. 48//8, V.P.O. Wadala Bhattewad, Amritsar, Ram Tirath Road, Punjab
6.	Salient features	
a.	of the Project	As per Environmental Clearance, the total plot area of the project is 40,468.56 s.qm. (10 acres) and the built-up area of the project is 50,501.52 sq.m. The project consists of 208 residential plots, 24 EWS plots, Community center, 12 booths along with associated facilities. The total cost of project is Rs. 14.34 Crores.
b.	of the environment	<p>The total water requirement is 476 KLD out of which, net fresh water requirement will be 316 KLD which will be fulfilled by borewell and remaining flushing water requirement 160 KLD will be met through recycling of treated wastewater.</p> <p>Total 381 KLD of wastewater will be generated from the project which will be treated in proposed STP of capacity 450 KLD.</p> <p>The project proponent has proposed to use 160 KLD of treated wastewater for flushing purpose, 16 KLD (maximum during summer season) will be used for irrigation for green area and</p>

		<p>remaining 212 KLD (maximum during rainy season) will be utilize in other pockets of super mega projects.</p> <p>The total quantity of solid waste generation will be 1,466 kg/day. Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable, non- biodegradable. A separate area has been earmarked for segregation of solid waste in the layout plan. Biodegradable waste will be converted to manure by use of Mechanical Composter of capacity 700 kg/day. Recyclable waste will be recycled through authorized recyclers. Inert waste will be disposed at own cost to approved dumping site. STP sludge will be dried and used as manure for green area development within the project.</p> <p>The total load of electricity required for project will be 942.05 KVA which will be met from PSPCL.</p>
7.	Break up of the Project Area	--
a.	Submergence area	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 laborers/land landless laborers / artisans.	Not applicable
a.	SC/ST/ Adivasis	Not applicable
b.	Others (Please indicate whether these figures are base 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)	Not applicable
9.	Financial details	

a.	Project cost as originally planned and subsequent revised estimates and the year of price reference.	Rs. 14.34 Crores.																																
b.	Allocations made for environmental management plan with item wise and year of assessment.	As per EMP, proposed expenditure on environment protection measures as below: Construction Phase: <table><tr><th rowspan="2">S. No.</th><th rowspan="2">Title</th><th colspan="2">Construction Phase</th><th>Operation Phase</th></tr><tr><th>Capital Cost (in Lakhs)</th><th>Recurring Cost (in Lakhs per Annum)</th><th>Recurring Cost (in Lakhs per Annum)</th></tr><tr><td>1.</td><td>Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)</td><td>10</td><td>1</td><td>0.5</td></tr><tr><td>2.</td><td>Water Pollution Control/ STP (STP of 450 KLD based on MBBR followed by UF)</td><td>50</td><td>2</td><td>6</td></tr><tr><td>3.</td><td>Noise Pollution Control including landscaping</td><td>10</td><td>1.5</td><td>2.5</td></tr><tr><td>4.</td><td>Solid Waste Management</td><td>30</td><td>1.5</td><td>3</td></tr></table>					S. No.	Title	Construction Phase		Operation Phase	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)	1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	10	1	0.5	2.	Water Pollution Control/ STP (STP of 450 KLD based on MBBR followed by UF)	50	2	6	3.	Noise Pollution Control including landscaping	10	1.5	2.5	4.	Solid Waste Management	30	1.5	3
S. No.	Title	Construction Phase		Operation Phase																														
		Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)																														
1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	10	1	0.5																														
2.	Water Pollution Control/ STP (STP of 450 KLD based on MBBR followed by UF)	50	2	6																														
3.	Noise Pollution Control including landscaping	10	1.5	2.5																														
4.	Solid Waste Management	30	1.5	3																														

			(Mechanical composter of 700 kg)			
		5.	Rain water Recharging (10 pits)	15	2	0.5
		6.	Energy Conservation (LED lights in common areas, solar street lights, etc.)	8	1	1
		7.	Miscellaneous (Appointment of Consultants & Management of Environment Cell)	9	2	2
		Total		132	11	15.5
c.	Benefit cost ratio/Internal rate of return and year of assessment.	Will be calculated and submitted separately.				
d.	Whether (c) includes the cost of environmental management as shown in (b) above.	Yes, the cost benefit ratio will be worked out considering the cost of environment management.				
e.	Actual expenditure incurred on the project so far.	Expenditure incurred on the project is approx. Rs. 1.40 Crore till 31.03.2023.				
f.	Actual expenditure incurred on the environmental management plans so far.	Approx. Rs. 40 Lakhs has been spent on project till 31.03.2023.				
10.	Forest lands requirement:					

a.	The status of approval for diversion of forest land for non-forestry use.	NOC for diversion of 0.0056 ha. forest land has been obtained for approach road and copy of the same has already been submitted.
b.	The status of clear felling.	Not Applicable.
c.	The status of compensatory a forestation programmer 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	35% of development work has been done till 31.03.2023; photographs showing the same is enclosed as Annexure-2 .
a.	Date of commencement (actual and /or planned).	February, 2022.
b.	Date of completion (actual and / or planned).	December, 2023 (Planned date of completion)
13.	Reasons for the delay if the project is yet to start:	Not Applicable

Compliance to conditions imposed in Environmental Clearance of project “Aadhaar Enclave” for period ending 31.03.2023

1. Additional Conditions:

S. No.	Conditions	Reply
1.	The project proponent shall obtain and submit a copy of the forest clearance under the provisions of the Forest (Conservation) Act, 1980, for the diversion of 0.0056 ha of forest land for approach road to residential colony, within 2 months.	NOC for diversion of 0.0056 ha. forest land has been obtained for approach road vide file no. 9-PBB467/2021-CHA dated 22.07.2022. Copy of the same has already been submitted.
2.	The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.	Agreed. It is made sure that no natural drainage is affected during construction or the operational phase of the project.
3.	The Project Proponent shall obtain statutory permission from Competent Authority for discharging not more than @ 212 KLD of treated wastewater into MC sewer. As proposed, no possession will be given without obtaining the sewer connection.	Permission has been obtained from MC, Amritsar for disposal of excess treated wastewater. Copy of NOC has already been submitted. Further, it is to ensure you that no possession will be given before obtaining the sewerage connection.

2. Statutory compliance:

1.	The project proponent shall obtain all necessary clearances/ 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 bye laws.	<ul style="list-style-type: none"> NOC for diversion of 0.0056 ha. forest land has been obtained for approach road vide file no.9-PBB467/2021-CHA dated 22.07.2022. Copy of the same has already been submitted. Extension in Consent to Establish has been obtained from PPCB vide certificate no. CTE/Deemed Approval/Extension/ASR/2022 /20029287 dated 23.10.2022 which is valid till 22.10.2023. Copy of grant certificate is attached along as Annexure-3.
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		<ul style="list-style-type: none"> Permission has been obtained from MC, Amritsar for disposal of excess treated wastewater. Copy of NOC has already been submitted.
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.	Being a plotted project, proponent's role is limited to development of external services. However construction will be carried out by individual plot owners who will obtain the necessary structural safety approvals.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	NOC for diversion of 0.0056 ha. forest land has been obtained for approach road vide file no.9-PBB467/2021-CHA dated 22.07.2022. Copy of the same has already been submitted.
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.	Extension in Consent to Establish has been obtained from PPCB vide certificate no. CTE/Deemed Approval/Extension /ASR/2022 /20029287 dated 23.10.2022 which is valid till 22.10.2023. Copy of grant certificate is attached along as Annexure-3 .
6.	The project proponent shall obtain the necessary permission for abstraction of ground water/ surface water required for the project from the competent authority.	Fresh water requirement will be fulfilled by borewell. Approval has also been obtained from Punjab Water Regulatory Development Authority (PWRDA).
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	All the requisite approvals are being obtained as and when required and further respective approvals will be obtained by the individual plot owner.
9.	The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.	As it is a residential project, no major hazardous waste is being generated. Only spent oil from DG set will be generated which will be given to the approved recyclers by PPCB. A separate area has already been earmarked for segregation of solid waste in the layout plan. Biodegradable waste will be composted by use of one Mechanical Composter of 700 kg. Recyclable waste will be recycled through authorized recyclers. Inert waste will be disposed at our own cost to approved dumping site, While, domestic hazardous waste will be handed over to authorized vendors approved by PPCB at our own cost. Thus, solid waste will be managed as per provision of Solid Waste Management Handling Rules, 2016 & amendments thereof.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Agreed and same will be complied.
11.	The project site shall confirm to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Depts. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.	As per Proposed Landuse Plan of Amritsar, project site falls within the mixed landuse zone. However, Change in land use (CLU) has been obtained by Town & Country Planning, Amritsar vide Memo No. 73 STP (A)/ADA dated 12.01.2021 and copy of the same has already been submitted.
12.	Besides above, the project proponent shall also comply with siting criteria / guidelines' standard operating practices, code of practice and guidelines if any prescribed by the	Agreed and the same is being complied.

	SPCB/ CPCB/ MoEF&CC for such type of projects'	
13.	The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is being granted.	The layout plan has been already approved by Country and Town Planner, Amritsar.

3. 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 mitigation measures for construction activities are being implemented in the project. Regular water sprinkling is done and the soil is kept covered for dust suppression.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Agreed. All necessary steps are being taken to reduce the air pollution and to improve the air quality.
3.	The project proponent shall install system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Agreed. The same will be complied. Ambient air quality emissions are being monitored. Recent monitoring has been carried out and all the parameters are within the permissible limit. Test Reports for ambient air quality 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	Agreed. As it is a plotted residential colony, so DG set with adequate stack height and low Sulphur diesel will be provided by individual plot owners depending upon their requirement.

	with in consultation with State Pollution Control Board.	
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 or 1/3 rd of the building height and maximum up to 10m). 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 tarpaulin sheets for covering vehicles carrying construction materials, etc. will be followed to reduce the air pollution during construction phase.
6.	No Excavation of soil shall be carried out without adequate dust mitigation measures in place.	Agreed. No excavation of soil is being carried out at the moment and in future proper care will be taken and all dust suppression methods will be adopted.
7.	No loose soil or sand or construction & demolition waste or any other construction Material that causes dust shall be left uncovered	Agreed. No Excavation of soil is being carried out at the moment and in future proper care will be taken and all dust suppression methods will be adopted.
8.	No uncovered vehicles carrying construction material and waste shall be permitted	Agreed. All necessary steps like tarpaulin sheets for covering vehicles carrying construction materials, etc. are being followed to reduce the air pollution during construction phase.
9.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site	Agreed. The topsoil excavated during construction activities will be stored and will be used for development of green area within the project premises.
10.	Grinding and cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting	Agreed.

11.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Water sprinkling is being done regularly to suppress dust during construction phase.
12.	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.	Agreed. As it is a plotted residential colony, so no major construction and demolition debris will be generated. Further, construction waste will be stored at earmarked area within the project.
13.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.	Agreed. As it is a plotted residential colony, so DG set with adequate stack height and low Sulphur diesel will be provided by individual plot owners depending upon their requirement.
14.	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.	Adequate stack height as well as acoustic enclosure will be provided with DG sets as per CPCB norms during the operational phase also.
15.	For indoor air quality the ventilation provisions as per National Building Code of India shall be complied with.	NBC is being followed in the project.
16.	Roads leading to or at construction site must be paved and blacktopped (i.e., metallic roads should be built and used).	Agreed.
17.	Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.	Agreed and the same is being complied.

18.	Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site	As it is a plotted residential colony, so no major construction and demolition debris will be generated. Further water sprinkling is being done regularly to suppress dust during construction phase.
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4. Water quality monitoring and preservation:

1.	The natural drain system should be maintained for ensuring unrestricted flow of water.	Agreed.										
2.	No construction shall be allowed which obstructs the natural drainage through the site, in 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 is made sure that no natural drainage is affected during construction or the operational phase of the project.										
3.	Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.	Agreed.										
4.	The total water requirement for the project will be 476 KL/day, out of which fresh water demand of 316 KL /day shall be met through own tube wells and remaining 160 KL/day through recycling of treated wastewater from STP of capacity 450 KL/day to be installed within the project site. Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Agreed. The total fresh water quantity will not be exceeded beyond the approved quantity.										
5.	<div>a) The total wastewater generation from the project will be 381 KL/day, which will be treated in STP of capacity 450 KL/day on MBBR followed by Ultra Filtration technology within the project premises. As proposed,37KLD treated wastewater available at outlet of STP will be as reutilized as under: -<table><tr><th>S.No.</th><th>Season</th><th>For Flushing purposes (KLD)</th><th>Green area (KLD)</th><th>Utilize in other pockets of Super</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table></div>	S.No.	Season	For Flushing purposes (KLD)	Green area (KLD)	Utilize in other pockets of Super						<div>a) Total 381 KLD wastewater will be generated which will be treated in proposed STP of capacity 450 KLD to be installed within the project.</div>
S.No.	Season	For Flushing purposes (KLD)	Green area (KLD)	Utilize in other pockets of Super								

					Mega Projects	
	1	Summer	160	16	198	
	2	Winter	160	5	209	
	3	Rainy	160	2	212	
	<p>b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.</p> <p>c) During construction phase, the project proponent shall ensure that the waste water being generated from the labor quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation.</p>					<p>b) Storage tank of adequate capacity will be provided for the storage of treated wastewater. Also, during construction phase, treated water is being utilized for construction purpose.</p> <p>c) Agreed. Minimum waste water is being generated which is being disposed off in environment friendly manner.</p>
6.	The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.					Agreed. Adequate facilities will be provided for safe drinking water.
7.	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. The records of fresh water usage, treated water from STP will be maintained during operation phase and same will be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
8.	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					Fresh water requirement will be fulfilled by borewell. Approval has been obtained from Punjab Water Regulatory Development Authority (PWRDA) for abstraction of ground water and copy has been submitted.

	sources, ensuring that there is no impact on other users.										
9.	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 and same will be complied.									
10.	Dual pipe plumbing shall be installed 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, air conditioning etc.	Agreed. Dual plumbing system will be provided for reuse of treated wastewater for flushing as well as green area development.									
11.	Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.	Agreed. The same will be complied.									
12.	The project proponent shall also adopt the new/innovating technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals / twin flush cisterns/ sensor based alarm system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction.	Agreed. As it is a plotted residential colony so individual plot owners will be educated to use low flow fixtures for water conservation.									
13.	<p>The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will color code the different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:</p> <table border="1"> <thead> <tr> <th>S.No.</th><th>Nature of the stream</th><th>Color code</th></tr> </thead> <tbody> <tr> <td>a</td><td>Fresh water</td><td>Blue</td></tr> <tr> <td>b</td><td>Untreated wastewater from Toilets/urinal & from kitchen</td><td>Black</td></tr> </tbody> </table>	S.No.	Nature of the stream	Color code	a	Fresh water	Blue	b	Untreated wastewater from Toilets/urinal & from kitchen	Black	Agreed. Dual plumbing system will be provided for reuse of treated wastewater for flushing as well as green area and different color coding will be done on the pipelines.
S.No.	Nature of the stream	Color code									
a	Fresh water	Blue									
b	Untreated wastewater from Toilets/urinal & from kitchen	Black									

	c	Untreated wastewater from Bathing/shower area, handwashing (Washbasin / sinks) and from cloth washing	Grey	
	d	Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White	
	e	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green	
	f	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips	
	g	Storm water	Orange	
14.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and adopting other best practices.			Agreed. Curing agents as well as other best practices are being used during construction work for reducing water demand.
15.	The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of plot area and storage capacity of minimum one day of total fresh water requirement shall be			Agreed. Rain water harvesting system will be designed as suggested. Further, 10 Rain water recharging pits will be provided to recharge groundwater.

	provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent, 10 no. rain water recharge pits have been proposed for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.	
16.	All recharge should be limited to shallow aquifer.	Agreed. It will be complied.
17.	No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at site.	No ground water is being used for construction activities and only treated water is being used.
18.	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.	Fresh water requirement will be fulfilled by borewell. Approval has been obtained from Punjab Water Regulatory Development Authority (PWRDA) for abstraction of ground water and copy has been submitted.
19.	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.	The records of fresh water usage, treated water from STP will be maintained during operation phase and will be submitted to the Regional Office, MoEF&CC.
20.	Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal storm water drain.	Total 381 KLD wastewater will be generated which will be treated in proposed STP of capacity 450 KLD to be installed within the project and treated water will be recycled for flushing, landscaping, etc.
21.	No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment with capacity to treat 100% waste	Agreed. No sewage will be discharged directly without treatment. Wastewater generated from operation phase will be

	water will 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/ SEIAA before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	treated in STP and treated water will be recycled for flushing, landscaping, etc.
22.	Periodically monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.	Treated sewage will be regularly monitored once treatment facility is provided.
23.	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.	STP sludge generated from STP will be utilized as manure for green area development within the project.

5. Noise monitoring and prevention:

1.	Ambient noise levels shall conform to residential area/commercial area 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 noise levels during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	Ambient noise and ambient air levels is being regularly monitored and maintained within the prescribed standards. Recent test report of ambient air & noise monitoring 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 are being regularly monitored and maintained within the prescribed standards. Recent test report of noise monitoring 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.	Ear plugs are being provided to construction labors.
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6. 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.	ECBC guidelines will be followed in the project.
2.	Outdoor and common area lighting shall be LED.	LED lightning will be provided in the common areas of 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.	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.	Use of LEDs is proposed in all common areas. Also, residents shall be educated about the huge savings in their electricity bills, if they use the LEDs.
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.	Solar street lights will be provided within the project premises.
6.	At least 30% of the roof top area shall be used for generating Solar power for lighting in the apartments so as 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	Agreed.

	commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher.	
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7. Waste Management:

1.	A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	A separate area has already been earmarked for segregation of solid waste in the layout plan. Biodegradable waste will be composted by use of one Mechanical Composter of 700 kg. Recyclable waste will be recycled through authorized recyclers. Inert waste will be disposed at our own cost to approved dumping site, While, domestic hazardous waste will be handed over to authorized vendors approved by PPCB at our own cost. Thus, solid waste will be managed as per provision of Solid Waste Management Handling Rules, 2016 & amendments thereof.
2.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and should be safely 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 is being generated from construction site and if any, it will be disposed off 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.	Separate wet and dry bins will be provided for segregation of solid waste during operation phase.
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 for treatment and disposal of the waste.	Biodegradable waste will be composted by use of one Mechanical Composter of 700 kg.

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. Inert waste will be disposed at our own cost to approved dumping site, While, domestic hazardous waste will be handed over to authorized vendors approved by PPCB at our own cost. Thus, solid waste will be managed as per provision of Solid Waste Management Handling Rules, 2016 & amendments thereof.
6.	Any hazardous waste generated during construction phase, shall be disposed of 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 earth blocks, and other environment friendly materials.	It is a plotted residential colony (Plotted) project and currently no Fly ash bricks is being used. Fly ash based cement is being used in the construction purposes.
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 is being 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.	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 or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Agreed. The same will be complied.

8. Green Cover:

1.	No naturally growing tree should be felled/transplanted unless exigencies demand.	No tree cutting is involved in the project.
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	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.	
2.	At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 510 trees (@1 tree/80 Sq. m. of Total Land Area) in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft. and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or Residents Welfare Association, as the case may be, even after three years. 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. The plantation should be undertaken as per SEIAA guidelines.	Agreed. Total no. of trees required (@ 1 tree per 80 sq.m. of plot area) comes out to be 506 trees. Thus, 510 no. of trees will be planted within the project premises. Current plantation photographs are attached as Annexure 2 .
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.	No tree cutting is involved in the project.
4.	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	Agreed. The topsoil excavated during construction activities will be used for development of green area within the project premises.

	reapplied during plantation of the proposed vegetation on site..	
5	The project proponent shall not use any chemical fertilizer /pesticides /insecticides And shall use only Herbal pesticides/insecticides and organic manure in the green area.	No chemical fertilizer / pesticides will be used in green area.
6	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial land use.	Agreed. Adequate green area will be provided within the project premises. 510 no. of trees will be planted within the project premises.

9. Transport:

1.	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.	Agreed. The same will be complied.
2.	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.	Agreed. Vehicles hired are in good condition and are regularly checked for Pollution under control. PUC Certificate of construction vehicles is attached as Annexure-5 .
3.	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	Agreed. The same will be complied.

	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.	
4	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Individual plot owners will be responsible for providing parking within their plot itself. However, for commercial area adequate parking will be made available for the vehicles within the project premises. No traffic congestion will take place near entry/exit.

10. 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 masks.	Agreed. Personal Protection Equipment (PPE) is being provided to workers for safety.
2.	For indoor air quality the ventilation provisions as per National Building Code of India should be followed.	Agreed. NBC is followed in the project.
3.	Emergency preparedness plan based on the Hazard identification and Risk 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. Laborers are hired from nearby areas and all the necessary facilities are provided to labors at the construction site.
4.	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed. Regular health check-up of the workers will be done.

5.	A First Aid Room shall be provided in the project both during construction and operations of the project.	First aid facility is being provided at the project site during construction phase and the same will be followed during operational phase also.
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11. Environment Management plan

1	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.	Agreed. Environment policy has been laid and submitted.
2	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 report directly to the head of the organization.	Agreed. Environment Management Cell will be formed for the monitoring of environment-related aspects.
4	Action plan for implementing EMP and environmental conditions along with the 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 accounts and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 132 Lacs towards the capital cost and Rs. 11 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs.	Agreed. The commitments made in the EMP report are being adhered. Approx. Rs. 40 Lakhs have been spent on Environmental Management Plan.

15.5 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost as per the details given as under: The project proponent shall spend the minimum amount of Rs. 106 Lakhs towards the capital cost and Rs. 12 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs. 15.1 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost as per the detail given as under:

Title	Construction Phase		Operation Phase
Description	Capital cost (in Lakhs)	Recurring Cost (in Lakhs/Ann um)	Recurring Cost (in Lakhs/Ann um)
Air Pollution Control (Tarpaulin sheets, barricading , water sprinklers, etc.)	10	1.0	0.5
Water Pollution Control/ST P	50	2.0	6.0
Noise Pollution Control including	10	1.5	2.5

	landscaping				
	Solid Waste Management (Mechanical composter of 700 kg)	30	1.5	3.0	
	Rain water Recharging (10 pits)	15	2.0	0.5	
	Energy conservation	8.0	1.0	1.0	
	Environmental Monitoring	9.0	2	2	
	TOTAL	132 Lakhs	11 Lakhs	Rs. 15.5 Lakhs/Annun	
	<p>The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.</p>				

12. Validity

1.	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	As per MoEF&CC office Memorandum dated 12.04.2022, EC validity has been extended up to 10 years. So, Environmental Clearance granted vide
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		EC Identification No. EC22B038PB151099 dated 05.01.2022 is valid up to 4 th January, 2032.
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13. Miscellaneous:

1.	The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.	Agreed. Completion certificate will be obtained and same will be submitted.
2	The project proponent shall comply with the conditions of CLU, if obtained	Change in land use (CLU) has been obtained by Town & Country Planning, Amritsar vide Memo No. 73 STP (A)/ADA dated 12.01.2021 and copy of the same has already been submitted.
3	The project proponent shall prominently advertise in at least 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 has been published in the two local newspapers. Copy of the advertisements has already been submitted.
4.	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 have to publicly display the same for 30 days from the date of receipt	Agreed.
5.	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 have been uploaded on company's website https://aadhaarenclave.com/ . Copy of snapshot showing the same is enclosed as Annexure-6 .
6.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website	Agreed. Six monthly compliance reports of the stipulated EC conditions including results of monitored data are being

	of the ministry of Environment, Forest and Climate Change at Environment Clearance portal and submit a copy of the same to SEIAA.	regularly submitted to the respective offices as well as uploaded on Parivesh portal.
7.	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 the same on the website of the company.	Agreed and same will be complied.
8.	The project proponent shall inform the Regional Office as well as SEIAA Punjab, 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.
9.	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.
10.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also those made to SEIAA / SEAC during their presentation.	Agreed. The commitments made in the EMP report is being adhered.
11.	No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed.
12.	The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions.	Agreed. Full cooperation will be extended to the officer of the Regional Office and PPCB during their visit by

	The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/information/monitoring reports.	furnishing the requisite data/information/ monitoring reports.
13.	This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.	Noted.

ENVIRONMENTAL
CLEARANCE

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Punjab)

To,

The PARTNER

RESIDENTIAL COLONY BELONGS TO AADHAAR DEVELOPERS AT
VILLAGE WADALA BHITTEWADHAT VILLAGE WADALA BHITTEWADH AMRITSAR RAMTIRATH ROAD
TEHSIL AMRITSAR 2 DISTRICT AMRITSAR -143001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/PB/MIS/230381/2021 dated 01 Oct 2021. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC22B038PB151099 |
| 2. File No. | SEIAAPB/MIS/2021/EC/18 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including
Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Affordable residential colony (Plotted)
project namely "Aadhaar Enclave" is
planned at Ram Tirath Road, village
Wadala Bhittewad, Distt. Amritsar, Punjab
by M/s Aadhaar Developers. |
| 7. Name of Company/Organization | RESIDENTIAL COLONY BELONGS TO
AADHAAR DEVELOPERS AT VILLAGE
WADALA BHITTEWADH |
| 8. Location of Project | Punjab |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

(e-signed)
Rajesh Dhiman, IAS
Member Secretary
SEIAA - (Punjab)

Date: 05/01/2022

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

This is a computer generated cover page.

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)*



This has reference to your online proposal no. SIA/PB/MIS/230381/2021 dated 01.10.2021 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority has examined the proposal of establishment of Affordable Residential Colony (Plotted) Project "Aadhaar Enclave" located at Ram Tirath Road, village Wadala Bhattewad, Distt. Amritsar, Punjab. The project is covered under category 'B2' of activity 8(a); 'Building and Construction projects' as per the schedule appended to the EIA Notification 14.09.2006 and its subsequent amendments and requires appraisal at State level.

3) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 on the basis of mandatory documents enclosed with application viz Form-1,1A, EMP and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

4) As per the report of Punjab Pollution Control Board sent by vide letter no. 3077 dated 18.10.2021, no construction activity pertaining to the project was started at the site except for securing the land. The project proponent has also obtained the Consent to Establish under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 which is valid up to 16.08.2022 with certain conditions including a special condition that colony will provide a buffer zone of 15 m towards the hot-mix plant.

5) This is a new project. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

Sr. No.	Item	Details
1.	Name and Location of the project	"Aadhaar Enclave" located at Ram Tirath Road, village Wadala Bhattewad, Distt. Amritsar, Punjab.
	Project/activity	8 (a)
	Category as per EIA Notification, 2006	Category B2
2.	Classification/Land use pattern as per Master Plan	Mixed landuse zone. Change of land use (CLU) has been obtained from the Department of Town & Country Planning, Amritsar vide Memo No. 73 STP (A)/ ADA dated 12.01.2021 for an area of 10 acres.
3.	Cost of the project	Rs. 14.34 Crores
4.	Total Plot area, Built up Area and Green area	Total Land Area- 40,468.56 sqm (10 acres) Built-up area- 50,501.52 sqm Green Area- 2888.46 sqm

5.	Latitude & Longitude	A: 31°39'37.16"N and 74°47'3.77"E B: 31°39'36.42"N and 74°47'3.77"E C: 31°39'36.45"N and 74°47'3.19"E D: 31°39'35.64"N and 74°47'3.20"E E: 31°39'35.62"N and 74°47'1.74"E F: 31°39'23.24"N and 74°47'1.72"E G: 31°39'23.22"N and 74°47'4.53"E H: 31°39'29.83"N and 74°47'7.63"E I: 31°39'29.88"N and 74°47'6.77"E J: 31°39'32.26"N and 74°47'6.94"E K: 31°39'32.12"N and 74°47'4.61"E L: 31°39'33.67"N and 74°47'4.50"E M: 31°39'33.64"N and 74°47'4.18"E N: 31°39'37.05"N and 74°47'4.09"E			
6.	Project Details	Residential Plots	:	208 Nos	
		EWS plots	:	24 Nos	
		Community Centre	:	1 No	
		Booths along with associated facilities	:	12 Nos	
7.	Estimated Population	3852 persons			
8.	Water Requirements & source during Operation Phase	Break up of water requirement		Source	
		Fresh Water: 316 KLD Flushing Water: 160 KLD Total water demand: 476 KLD		Ground Water Treated Wastewater from STP	
9.	Disposal Arrangement of Waste water	Total 381 KLD wastewater will be generated which will be treated in the STP of capacity 450 KLD to be installed within the project premises. The details of the disposal arrangement of treated waste water of 374 KLD available at the outlet of STP is given as under:			
		Sr. No.	Season	Flushing (KLD)	Green Area (KLD)
		1.	Summer	160	16
		2.	Winter	160	5
		3.	Rainy	160	2
10.	Rain water recharging detail	10 nos. of recharging pits will be provided to recharge the rainwater of the building after			

		treatment through oil & Grease traps.
11.	Solid waste generation and its disposal	a) 1466 kg/day b) Solid waste will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non-biodegradable. A separate area has been earmarked for segregation of solid waste in the layout plan. c) Biodegradable waste will be composted by use of one Mechanical Composter of capacity 700 kg/day. d) Recyclable waste will be recycled through authorized recyclers. e) Inert waste will be disposed at own cost to approved dumping site.
12.	Hazardous Waste & E-waste	Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed of as per the E-waste (Management) Amendment Rules, 2018.
13.	Energy Requirements & Saving	a) 942.05 KVA energy will be required for the project which will be met from PSPCL. b) Energy will be saved by provision of LED lights, solar panels, etc.

6) As per the undertaking submitted by Project Proponent, the proposal does not require approval/clearance under the Wildlife (Protection) Act, 1972. Also, no litigation is pending in respect of the land on which the project is to be developed. The project proponent shall obtain clearance under the provision of Forest Conservation Act, 1980 for which application has already been filed for diversion of 0.0056 ha forest land for approach road to the proposed project.

7) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 209th meeting held on 27.11.2021. The SEAC noted that the project proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

8) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental

Clearance for establishment of Affordable Residential Colony (Plotted) project namely "Aadhaar Enclave" having built-up area 50,501.52 sqm in land area 40,468.56 sqm (10 acres) located at Ram Tirath Road, village Wadala Bhattewad, District Amritsar Punjab by M/s Aadhaar Developers as per the details mentioned in the Form 1, 1A, EMP, and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant.

9) The case was lastly considered by the SEIAA in its 195th meeting held on 14.12.2021 wherein SEIAA observed that the case stands recommended by SEAC. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same. Therefore, the Authority decided to grant the Environmental Clearance for establishment of Affordable Residential Colony (Plotted) project namely "Aadhaar Enclave" having built-up area 50,501.52 sqm in land area 40,468.56 sqm (10 acres) located at Ram Tirath Road, village Wadala Bhattewad, District Amritsar Punjab by M/s Aadhaar Developers as per the details mentioned in Form-1, 1A, EMP, additional documents and subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant subject to certain additional conditions as agreed by the project proponent and other conditions as proposed by SEAC in addition to the proposed measures.

10) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance of terms and conditions as follows:

I) Additional Conditions:

- (i) The project proponent shall obtain and submit a copy of the forest clearance under the provisions of the Forest (Conservation) Act, 1980, for the diversion of 0.0056 ha of forest land for approach road to residential colony, within 2 months.
- (ii) The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner
- (iii) The Project Proponent shall obtain statutory permission from Competent Authority for discharging not more than @ 212 KLD of treated wastewater into MC sewer. As proposed, no possession will be given without obtaining the sewer connection.

II) Statutory compliances:

- i) The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.
- 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 the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose is 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 the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.
- vi) The project proponent shall obtain the necessary permission for abstraction 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, Construction & Demolition Waste 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.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is being granted.

III) 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 undertake 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 would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and 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 m height or 1/3rd of the building height and maximum up to 10 m). 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) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

- xii) All construction and demolition debris shall be stored at the site within earmarked area and roadside storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.
- xiv) 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.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India shall be complied with.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e., metallic roads should be built and used).
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site

IV) Water quality monitoring and preservation

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in 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.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 476 KL/day, out of which fresh water demand of 316 KL /day shall be met through own tube wells and remaining 160 KL/day through recycling of treated wastewater from STP of capacity 450 KL/day to be installed within the project site. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- v) a) The total wastewater generation from the project will be 381 KL/day, which will be treated in STP of capacity 450 KL/day on MBBR followed by Ultra Filtration

technology within the project premises. As proposed, 374 KLD treated wastewater available at outlet of STP will be as reutilized as under: -

Sr. No.	Season	Flushing (KLD)	Green Area (KLD)	MC Sewer
1.	Summer	160	16	198
2.	Winter	160	5	209
3.	Rainy	160	2	212

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation.
- vi) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- vii) 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.
- viii) 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.
- ix) 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.
- x) Dual pipe plumbing shall be installed 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, air conditioning etc.
- xi) Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be

utilized by storing the same within the particular component or in a common place in the project premises.

- xii) The project proponent shall also adopt the new/innovating technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals / twin flush cisterns/ sensor based alarm system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction.
- xiii) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

Sr. No	Nature of the Stream	Color code
a)	Fresh water	Blue
b)	Untreated wastewater from Toilets/ urinal and from Kitchen	Black
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey
d)	Reject water streams from RO plants and AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White
e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips
g)	Storm water	Orange

- xiv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and adopting other best practices.
- xv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of plot 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. As per the proposal submitted by the project proponent, 10 no. rain water recharge pits have been proposed for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.
- xvi) All recharge should be limited to shallow aquifer.

- xvii) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at site.
- xviii) 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.
- xix) 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.
- xx) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal storm water drain.
- xxi) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment with capacity to treat 100% waste water will 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 / SEIAA before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiii) 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.

V) Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area/commercial area 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 noise levels 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.

VI) 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 LEDs for 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) At least 30% of the roof top area shall be used for generating Solar power for lighting in the apartments so as 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.

VII) Waste Management

- i) A certificate from the competent authority handling municipal solid waste, 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 should not create any adverse effect on the neighbouring communities and should be safely 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 for treatment and disposal of the waste.
- 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 of 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 Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VIII) Green Cover

- i) No naturally growing tree should be felled/transplanted 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.
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 510 trees (@1 tree/80 Sqm of Total Land Area) in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be

protected and maintained by the project proponent or Residents Welfare Association, as the case may be, even after three years. 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. The plantation should be undertaken as per SEIAA guidelines.

- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.
- iv) 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.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial land use.

IX) 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 regulations.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards and should 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.

- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

X) 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 masks.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India should be followed.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) Occupational health surveillance of the workers shall be done on a regular basis.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

XI) Environment Management Plan

- i) 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.
- ii) 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 report directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the 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 accounts and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 132 Lacs towards the capital cost and Rs. 11 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs. 15.5 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost as per the details given as under:

Sr. No.	Particulars	Construction Phase		Operation Phase
		Capital Cost (Rs in Lac)	Recurring Cost (Rs in Lac)	Recurring Cost (Rs in Lac)
1.	Air Pollution Control (Tarpaulin sheets, barricading, water sprinklers, etc.)	10	1.0	0.5
2.	Water Pollution Control/STP (STP of 450 KLD based on MBBR followed by UF)	50	2.0	6.0
3.	Noise Pollution Control including landscaping	10	1.5	2.5
4.	Solid Waste Management (Mechanical composter of 700 kg)	30	1.5	3.0
5.	Rain water Recharging (10 pits)	15	2.0	0.5
6.	Energy Conservation (LED lights in common areas, solar street lights, etc.)	8.0	1.0	1.0
7.	Miscellaneous (Appointment of Consultation & Management of Environment Cell)	9.0	2.0	2.0
	TOTAL	132	11	15.5

The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

XII) Validity

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.

XIII) Miscellaneous

- i) The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise in at least 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.
- iv) 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 have to publicly display the same for 30 days from the date of receipt.
- v) 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.
- vi) 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 and submit a copy of the same to SEIAA.
- vii) 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 the same on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, 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.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also those made to SEIAA / SEAC during their presentation.
- xi) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or

alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

- xii) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.
 - xiii) This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.
- 11) The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.
- 12) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 13) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- 14) The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein.
- 15) This issues with the approval of the Competent Authority.

(Rajesh Dhiman, IAS)
Member Secretary, SEIAA

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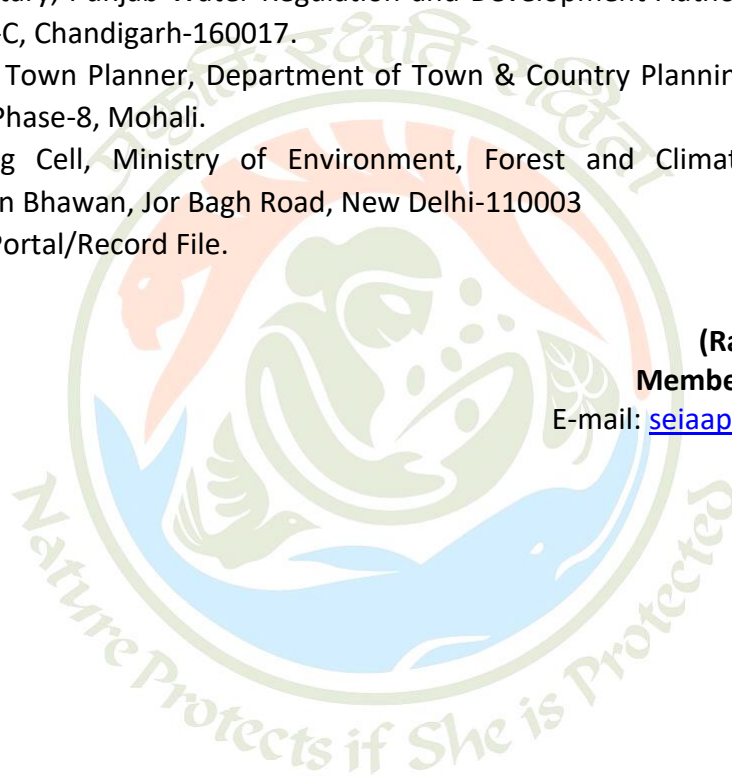
1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.

3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:

a)	Name of the applicant	:	Sh. Paramjit Singh Chawla, Partner
b)	Mobile No.	:	98724-05566
c)	Email Id	:	aadhaardevelopers@gmail.com
d)	Email ID of Env. Consultant	:	ems@ecoparyavaran.org

4. The Deputy Commissioner, Amritsar.
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File.

(Rajesh Dhiman, IAS)
Member Secretary, SEIAA
 E-mail: seiaapb2017@gmail.com



Site Photographs









PUNJAB POLLUTION CONTROL BOARD

Vatavaran Bhawan, Nabha Road, Patiala
Website:- www.ppcb.punjab.gov.in

DEEMED APPROVAL

Date: 23-10-2022

Industry Registration ID: R21ASR986680

Application No: 20029287

To,

Paramjit Singh Chawla,
M/s Aadhaar Enclave,
Kh.no 48//18,v.p.o. Wadala Bhattewadh Ramtirath Road, Amritsar,
Amritsar,
Punjab, 143001

Subject: Extension in the validity of 'Consent to Establish' (NOC) granted to the project proponent u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining extension in the validity of 'Consent to Establish'(NOC) <<for setting up of new industrial unit/project/ modernization of existing unit/expansion of existing unit>> u/s 25 of Water Act, 1974 and u/s 21 of Air Act, 1981 and the information provided therein, you are, hereby given this auto generated deemed approval for extension of consent to establish for the industrial unit and to discharge the effluent(s) & emission(s) arising out of your premises subject to the same terms and conditions as imposed in original CTE and its subsequent extensions (if any) as well as the other details/conditions given below

1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Consent to Operate Certificate No.	CTE/Deemed Approval/Extension/ASR/2022/20029287		
Date of issue:	23/10/2022		
Date of expiry:	22/10/2023		
Certificate Type:	CTE/Extension		
Previous CTE/CTO No. & Validity :	Previous consent No:	Date Of Issue:	Date Of Expiry:
	16340678	17/08/2021	16/08/2022

2. Particulars of the Industry

Name & Designation of the Applicant:	Paramjit Singh Chawla, (Partner)
Address of Industrial premises:	AADHAAR ENCLAVE kh.no 48//18,V.P.O. Wadala Bhattewadh Ramtirath Road, Amritsar AMRITSAR Punjab-143001
Category of Industry	ORANGE
Type of Industry	2091-Area/Infrastructure Development Project including educational institutions, community hall, IT Park, Theme park (Not covered under EIA notification 2006)
Scale of the Industry	Small
Office District	Amritsar

"This is computer generated document from OCMMS by PPCB"

Aadhaar Enclave,Kh.no 48//18,v.p.o. Wadala Bhattewadh Ramtirath Road, Amritsar,20029287

Page1

Consent Fee Details	Payment Mode	Amount	Transaction ID/DD No./Cheque No.	Date of Transaction	Date of verification
	Credit/Debit card	10.0	930021434	2022-10-02 14:37:09.936	-

1. This is an auto generated deemed consent and is generated on the basis of data submitted by the project proponent in the application. Responsibility regarding correctness of data lies with the applicant/project proponent.
2. This deemed consent is subject to verification of data/application submitted by the applicant/project proponent to the Board. The validity of this deemed consent is for a period of One Year and this deemed consent shall be superseded with regular consent upon the verification of the data/application.
3. The terms and conditions mentioned in the deemed consent are provisional and shall be superseded by the terms and conditions of the regular consent.
4. The application is under process with the Board. In case, there is any incompleteness in the consent application or there is any violation which may affect the outcome of the decision while granting the consent, the Board has right to revoke this deemed consent.
5. This deemed consent is not applicable in case industry falls under the non-designated area / non confirmatory areas as prescribed by the Board or in case the industry site does not fulfil the industry specific siting guidelines framed by the PPCB / State or Central Government.
6. This consent is subject to fulfillment of the stipulations of Master Plan of the City / Town and any other guidelines framed by the Department of Town and Country Planning regarding shifting of industry from non designated areas.
7. The industry / project covered in the Schedule appended to EIA notification 2006, shall not initiate any construction activity at the site till it obtains Environmental Clearance from the Competent Authority.
8. The industry shall comply with the industry specific code of practice (COP) as well as Standard Operating Practices (SOPs) prescribed by the State Govt./PPCB/CPCB/MoEF&CC from time to time.
9. The industry involved in procurement and processing of any hazardous waste as prescribed under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 shall not commence any production activity till it obtains the passbook for procuring and processing such hazardous wastes from the State Pollution Control Board/Central Pollution Control Board (as the case may be).
10. The inspection of industry shall be governed by the inspection policy of the Board.
11. This consent is issued on the basis of self-calculation of consent fee made by the industry. The industry shall have to deposit the balance consent fee, in case of any difference of fee is found, within 7 days from the issuance of such demand by Punjab Pollution Control Board.
12. The sole responsibility for any loss / litigation due to grant of this deemed consent due to submission of wrong data by applicant/project proponent shall lie with the concerned applicant/project proponent.

23/10/2022

**Environmental Engineer
(Punjab Pollution Control Board)
Punjab Bureau of Investment Promotion
Government of Punjab**

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Aadhaar Enclave, Kh.no 48//18, v.p.o. Wadala Bhitewadh Ramtirath Road, Amritsar, 20029287

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Annexure - C

Undertaking

I Paramjit Singh Chawla residing at R/o 1938, Circular Road, o/s Medical Enclave Amritsar declare that I am Authorized Signatory for M/s AADHAAR ENCLAVE, and that I have applied for CTE (Name of the Regulatory Clearance). Further, I hereby give the following declaration and undertake that:-

- i) I/We certify that the information furnished in the application form for the aforesaid approval, is complete to the best of my /our knowledge & belief and no material information has been concealed.
- ii) I/We shall inform the designated authority if any changes are brought forth in the details submitted in the application form
- iii) I/We have previously not obtained the aforesaid approval, for the land / building / premises / service / equipment / as mentioned in the application form.
- iv) I/We shall abide by acts / Laws / Rules in force from time to time and shall established and operate business only in accordance with provisions of acts, Laws, Rules & Government instructions.
- v) I/We shall be responsible to maintain all the safety / occupational standards in the operation of the enterprise to ensure the safety and health of the workers, employees, public etc.
- vi) I/We shall not engage in any manufacturing or services activity which is prohibited under any law or which may pose a serious threat to public health or law and order.
- vii) I/We shall submit the mandatory compliance report(s) / document(s), as and when required under Acts / laws / Rules against which aforesaid approval is being provided.
- viii) I/We shall be responsible for any action that may be taken for violation under the provisions of the applicable Acts / Laws / Rules.
- xi) I/We have paid the statutory application fee, inspection fee or any other fee chargeable under any Punjab law, notified from time to time, in respect of the aforesaid approval and further undertake to pay additional fees payable, if any, as & when required to.
- x) I/we shall adhere to and abide by the provisions of Punjab Bureau of Investment Promotion (Amendment) Act, 2021 and all orders made thereunder.

Date: 23-10-2022



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

TEST REPORT



TC-7477

ULR No. : TC747723000004084F		Test Report No. : EL170523NW016	
Type of Sample : Water (Ground Water)		Date of Reporting : 20/05/2023	
Customer	Affordable Residential Colony (Plotted) namely Aadhaar Enclave M/s Aadhaar Developers at Ram Tirath Road, Vill. Wadala Bhattewad, Distt. Amritsar, Punjab	Work Order No. & Date	EMS/E/5972 DT:14.04.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/05/2023	Date of Receipt of Sample	17/05/2023
Sampling Location	From Borewell-Near Indian Oil Petrol Pump	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	17/05/2023 To 20/05/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 500ml Glass Bottle Marked 'D/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(DL5)	5	15	IS: 3025 (Part-4)Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.46	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL1)	1	5	IS 3025 (Part-10)
6	Chloride as Cl	mg/l	20	250	1000	IS: 3025 (Part-32)
7	Iron as Fe	mg/l	0.14	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
8	Total hardness as CaCO ₃	mg/l	230	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



ULR No. : TC747723000004084F

Test Report No. : EL170523NW016

Type of Sample : Water (Ground Water)

Date of Reporting : 20/05/2023

Remarks : Please refer terms & conditions mentioned on backside of page No.1/2.

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****




TEST REPORT



TC-7477

ULR No. : TC747723000004056F		Test Report No. : EL170523NS010	
Type of Sample : Soil.		Date of Reporting : 20/05/2023	
Customer	Affordable Residential Colony (Plotted) namely Aadhaar Enclave M/s Aadhaar Developers at Ram Tirath Road, Vill. Wadala Bhattewad, Distt. Amritsar, Punjab	Work Order No. & Date	EMS/E/5972 DT:14.04.2023
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/05/2023	Date of Receipt of Sample	17/05/2023
Sampling Location	Project Site	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	17/05/2023 To 20/05/2023
Sample Description Brown coloured soil.			
Packing, Markings, Seal & Qty.		10 Kg Poly Bag Marked 'D/16/01'	

RESULTS

I. Chemical Testing

1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	8.16	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.325	IS:14767
3	Moisture Content	%	14	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	1.52	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.78	IS: 2720 (Part-7)

Remarks : Please refer terms & conditions mentioned on backside.

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

TEST REPORT



TC-7477

ULR No. : TC747723000004003F		Test Report No. : EL170523NA027	
Type of Sample : Ambient Air Quality		Date of Reporting : 20/05/2023	
Customer	Affordable Residential Colony (Plotted) namely Aadhaar Enclave M/s Adhaar Developers at Ram Tirath Road, Vill. Wadala Bhattewad, Distt. Amritsar, Punjab	Work Order No. & Date	EMS/E/5972 DT:14.04.2023
		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	16/05/2023	Date of Receipt of Sample	17/05/2023
Sampling Location	Project Site (Near Main Gate)	Period of Analysis	17/05/2023 To 20/05/2023
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/m³	74	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m³	38	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO2)	µg/m³	11	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO2)	µg/m³	24	80	IS: 5182 (Part-6)
5	Ammonia (as NH3)	µg/m³	25	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O3)	µg/m³	18	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO),	mg/m³	0.56	04	IS: 5182 (Part-10), NDIR Method

Remarks : Please refer terms & conditions mentioned on backside.

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



Umesh Kumar

Authorized Signatory-Chemical

TEST REPORT



TC-7477

ULR No. : TC747723000004046F		Test Report No. : EL170523NN011	
Type of Sample : Ambient Noise		Date of Reporting : 20/05/2023	
Customer	Affordable Residential Colony (Plotted) namely Aadhaar Enclave M/s Adhaar Developers at Ram Tirath Road, Vill. Wadala Bhittewad, Distt. Amritsar, Punjab	Work Order No. & Date	EMS/E/5972 DT:14.04.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS 9989-1989, RA 2008.	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	16/05/2023	Date of Receipt of Sample	17/05/2023
Sampling Location	Project Site (Near Main Gate)	Period of Analysis	17/05/2023 To 17/05/2023
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)	54.8	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 : Please refer terms & conditions mentioned on backside.

OTHER INFORMATION

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

End of Report



Umesh Kumar

Authorized Signatory-Chemical

Pollution Under Control Certificate

APPROVED BY : DEPARTMENT OF TRANSPORT, GOVERNMENT OF PUNJAB

No. 3189

DIESAL VEHICLES

Authorised Station Code : DTO/ASR/15

It is certified that the

Vehicle No. PB09S5940 Make MAHINDRA Model 2007

Confirms the emission level of exhaust to the standards prescribed under rule 115 (2) of Central Motor Vehicles Rules,

DATE OF ISSUE

VALID UP

Smoke Density for Diesel Driven Vehicle
Permissible Limit 65 Hartidge Units

If any body charged more than the prescribed amount please contact at following number M : 98552-00696, 98142-66696 **PASS**

20/05/2023

19/11/2023



Avg	RPM Min	RPM Max		
	710	3014		
S.No	RPM Min	RPM Max	KM-1	HSU
1	00755	03002	01.64	045.0
2	00659	02950	01.61	050.1
3	00689	03029	01.30	045.0
4	00756	02938	01.48	047.2
5	00752	03058	01.30	045.0
6	00640	03108	01.46	046.7
Mean			01.30	045.0

ALL INDIA VALID

PB09S 5940

Name
CLUB CAR

CHECKED & TESTED IN MY
PRESENCE OWNER/DRIVER SIGNATURE

ਲਿਖੀ ਰਕਮ ਤੋਂ ਵੱਧ ਨਾ ਦਿਓ ਜੀ

Sign. Authorised Person
(with seal)

PRINCE AUTO GARAGE
POLLUTION CHECK CENTRE
48, LINK ROAD, AMRITSAR.

For Any Enquiry Contact these Numbers : M : 98552-00696, 98142-66696

Contact Us

Main Ram Tirath Rd. Opp Shiva
Filling Station, Amritsar
(143001)

aadhaardevelopers@gmail.com

7743007001-2-3

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