



File No: 21/26/2025-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date **08/12/2025**



To,

Mr. Rajesh Kumar
M/s Sadan Realtech Private Limited
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Subject: Affordable Plotted Colony "M2K Olive Greens" being developed under Deen Dayal Jan Awas Yojana-2016 at Village-Dhanwapur, Sector-104, Gurugram, Haryana by M/s Sadan Realtech Private Limited –For Grant of Environmental Clearance – reg.

Sir/Madam,

This has reference to above mentioned proposal No. IA/HR/INFRA2/520028/2025 received on 31.01.2025 online through PARIVESH Portal for seeking Environmental Clearance (EC) as per the provisions of EIA Notification, 2006 as amended under the Environment (Protection) Act, 1986.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3813HR5418571N
(ii) File No.	21/26/2025-IA.III
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres
(vi) Sector	INFRA-2
(vii) Name of Project	Affordable Plotted Colony "M2K Olive Greens" being developed under Deen Dayal Jan Awas Yojana-2016
(viii) Name of Company/Organization	Sadan Realtech Private Limited
(ix) Location of Project (District, State)	GURUGRAM, HARYANA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The project/ activity is covered under category 'B' of item 8(b) 'Township and Area Development projects' of the Schedule to the EIA Notification, 2006 as amended and requires appraisal at the State level. The PP has submitted the application before SEIAA, Haryana. However, due to the temporary absence of SEIAA / SEAC in Haryana, this application was forwarded to Ministry on 21.03.2025, as per the provisions of the OM No. IA3-22/10/2022-IA.III [E 177258] dated 02.08.2023 and this proposal has been appraised at the Central level by sectoral EAC.

4. Accordingly, the above-mentioned proposal for Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) in its 154th meeting held during 15-16 October, 2025.

5. The details of the project, as per the application form, documents submitted by the project proponent, and also as informed during the aforesaid meeting of EAC, are provided below for reference:

(i) The proposed project is an expansion project.

(ii) The project is proposed to be located at Village-Dhanwapur, Sector-104, Gurugram, Haryana and geographical co-ordinates of project site are 28°28'18.65"N and 76°59'26.81"E.

(iii) Initially the project was exempt from Environmental Clearance (EC) requirements under the Environment Impact Assessment (EIA) Notification, 2006, due to the plot area being less than 50 hectares and planning to construct the built-up area being less than 20,000 sq. m. Consent to Establish was obtained by HSPCB vide letter no. HSPCB/Consent/: 329962324GUNOCTE71486200 dated 23.07.2024 for built up area 4595.0 sq. m which is valid up to 22.07.2029. Later on there are changes in planning and it has been planned that the plots will be developed into floors and after the development, the built up area will increase to 1,84,851.35 m² resulting thereby exceeding the threshold specified limit in the EIA Notification, 2006. Since the built up area is more than 1,50,000 sq. m thus the project falls under Category B, activity 8(b), in accordance with the EIA Notification dated 14th September 2006 & its amendments.

(iv) The total plot area is 57,212.432 sq. m, FAR area is 1,02,582.48 sq. m and total construction (Built-up) area of 1,84,851.35 sq. m. The project will comprise 1 Building. The maximum height of the building is 16.50 m

(v) The total proposed green belt area is 4,305.23 sq. m which is 7.52% approx. of total plot area i.e. 57,212.432 sq. m, total no. of proposed trees is 715 nos. within project site.

(vi) The total water requirement during the construction phase is 15 KLD out of which 09 KLD of water will be required by labourers for domestic & flushing purposes which will be sourced from tanker suppliers and 6 KLD for construction purpose which will be sourced from STP-treated water. Waste water of 7 KLD will be generated which shall be treated in Mobile STP within the premises.

(vii) During the construction phase, soak pits and septic tanks will be provided for disposal of wastewater. Temporary sanitary toilets will be provided during peak labor force.

(viii) During operation phase total water requirement of the project is expected to be 709KLD and the fresh water requirement will be 464 KLD which will be met by the GMDA. The total quantity of wastewater generation will be 596 KLD which will be treated in STP of a capacity of 780 KLD. Treated water of 537 KLD will be generated out of which 245 KLD will be reused in flushing & gardening purposes within the project. Excess treated water of 292 KLD will be discharged into the sewer line after meeting the discharged standard.

(ix) Total Solid Waste generated will be about 2.241 TPD in the project. The biodegradable waste (1.345 TPD) will be processed in OWC and the non-biodegradable waste generated (0.896 TPD) will be handed over to authorized local vendor.

(x) The total power requirement during the construction phase is 125 KVA and will be met from the DG Set and total power requirement during the operation phase is 1860.06 kVA and will be met by Dakshin Haryana Bijli Vitran Nigam (DHBVN).

(xi) Solar panels of 37 kVA, LED-based solar lighting and other energy-saving fixtures (Transformers,

Pumps, Motors etc.) shall be provided. Proposed energy-saving measures would save about 2 % of power.
(xii) Water table is very high in the area, an exemption of rainwater harvesting has been granted by Hydrologist Ground Water Cell, Gurugram. However, dispersion pipes shall be installed in every manhole to dissipate rainwater.

(xiii) Parking facility for 1174 ECS is proposed to be provided against the requirement of 1174 ECS, respectively (according to local norms).

(xiv) The project is not proposed to be located in a Critically Polluted Area (CPA).

(xv) The project is not proposed to be located in an Eco-Sensitive Zone.

(xvi) The proposed project does not requires NBWL and Forest clearance.

(xvii) The project is expected to be completed by 2-3 years from the date of grant of EC.

(xviii) The total cost of the project is around Rs. 420.00 crore.

(xix) About 200 people are expected to be employed as a result of the project.

(xx) Environment benefits of the project include - Green belt, RWH & other EMP will aid in maintaining the environment. Social benefits of the project include - Direct & indirect employment and increase in residential facilities will increase social condition. Economic benefits of the project include - Influx of population will aid in government revenue.

(xxi) Budget for Environment Management Plan with capital and recurring cost are given below:

S. No.	Component	Quantity	Capital Cost (Rs. in lakhs)	Timeline of Capital cost	Recurring Cost (Rs. in lakhs/annum)
1.	Sewage Treatment Plant	780 KLD	74.0	36 months	9.0
2.	Rain water Harvesting through Dissipator Pipes	-	2.0	36 months	1.0
3.	Air Management	stack for DG sets	10.0	36 months	0.5
4.	Noise Management	Acoustic enclosure	10.0		0.5
5.	Solid Waste Management	Organic Waste Converter of 1250 Kg/batch	30.0	30 months	3.5
6.	Plantation of Trees/Landscaping	4305.23 m ²	50.0	24- 36 months	12.0
7.	Six Monthly Compliances		-	-	2.5
Total			176.0	-	29.0

6. The Committee observed that instant project is an expansion for the development of Affordable Plotted Colony "M2K Olive Greens" being developed under Deen Dayal Jan Awas Yojana-2016. The committee has observed that PP has obtained Environmental Clearance from SEIAA, Haryana vide number SEIAA/HR/2013/103 dated 24.12.2013 for development of residential group housing with land Area of 61,821.9064 sq. m (15.276 Acres) & built-up area of 1,63,527.56 sq. m. The PP has informed that initial planning phase, a design revision was undertaken, shifting the focus from solely developing infrastructure for plot areas to constructing floor on the plots. After this development, the built up area will increase from 4,595.0 sq. m to 1,84,851.35 sq. m resulting thereby exceeding the threshold specified limit as per the EIA Notification, 2006. Further, the EC validity also expired.

7. PP has obtained ToR vide letter dated 08.11.2024 from SEIAA, Haryana. Baseline study has been conducted during the period from October 2024 to December 2024. The EAC, after detailed deliberations, observed that the proposal was earlier considered in the 149th meeting held on 21.08.2025, wherein the

Committee had deferred the project due to non-submission of the documents and had raised ADS, the PP submitted the point-wise reply and accordingly, the proposal was reconsidered by the EAC in this present (154th) meeting.

8 The Committee observed that the PP has proposed to develop a green area of 4,305.23 sq. m i.e. approx. 7.5% of net Plot Area of the proposed project, out of which 1,605.16 sq. m is for community green area (2.8% of plot area) and additional green area to be developed by residents in the near setback area is 3,765.578 sq. m. Therefore, the total green area of 9,675.968 sq. m (15.6% of the plot area) with 767 trees to be planted within the project site. The committee found the reply satisfactory.

9. Based on the observation of the Committee, the PP has established and submitted the organizational structure of Environmental Management Cell, specifically the number of employees with an Environmental background at the project site. The committee desired that the PP shall appoint the qualified environmental personals for Environment Management Cell within the next three months. Further, the Committee sought details regarding mitigation measures to control odour from the nearby STP. The PP informed that the Sewage Treatment Plant of HUDA is located approximately 100 m in the SE direction from the project site. However, the PP shall obtain the NoC from the Haryana Water Resources Authority (HWRA) for proposing building project.

10. The Committee enquired about the Rainwater Harvesting (RWH) plan, PP informed that the Water table is very high in the area, an exemption of rainwater harvesting has been granted by Hydrologist Ground Water Cell, Gurugram. However, dispersion pipes shall be installed in every manhole to dissipate rainwater.

11. The Committee has observed that the proposed EMP is (Capital Cost = Rs 48.5 Lakhs; Recurring Cost- Rs 9.1 lakhs/ year = During construction phase, the Capital Cost = Rs 176.0 Lakhs; Recurring Cost = Rs.29.0 Lakhs /year). The EAC suggested PP to increase the budget and submit a revised EMP accordingly PP submitted revised EMP and allocated Capital cost of Rs 176 lakhs and recurring cost of Rs. 28.50 lakhs to the proposed project which includes Rs. 05 Lakh for Aravali Green Wall Project. The committee found the response satisfactory.

12. The earlier License No. 98 of 2012 was granted to Sadan Realtech Pvt. Ltd. for the development of a Residential Group Housing project. Environmental Clearance (EC) for the same was issued vide letter no. SEIAA/HR/2013/103 dated 24.12.2013, for a land area of 61,821.9064 sq. m (15.276 acres) and a built-up area of 1,63,527.56 sq.m. There was mention about earlier Environmental Clearance because as per standard practice past Environment clearance has to be intimated. However, there was no construction till the expiry of Environment clearance. Subsequently, the land license has been split and license of an Affordable Residential Plotted Colony by DTCP, with a revised area of 14.1375 acres (57,212.432 sq. m), vide License No. 174 of 2022 dated 21.10.2022. A fresh Consent to Establish has also been obtained in 2022 for the Affordable Housing project (Separate License No.174 of 2022 dated 21.10.2022).

13. Based on the information submitted and clarifications provided by the Project Proponent and detailed discussion held on all the issues, the EAC recommended to grant Environment Clearance for the project under the provisions of EIA Notifications, 2006 as amended therein, subject to the following specific conditions and other Standard (General) EC Conditions as specified by the Ministry vide OM dated 04.01.2019 with the specific conditions.

14. Based on recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the **“Affordable Plotted Colony "M2K Olive Greens" being developed under Deen Dayal Jan Awas Yojana-2016 at Village-Dhanwapur, Sector-104, Gurugram, Haryana by M/s Sadan Realtech Private Limited”**, under the provisions of EIA Notifications, 2006 and its amendments therein, subject to the following specific conditions and other Standard (General) EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said project/activity as in **Annexure I:**

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

Copy To

1. The Principal Secretary, Directorate, Environment & Climate Change, Haryana, IInd Floor, Bays No. 55-58, Paryatan Bhawan, Sector-2, Panchkula, Haryana-134109.
2. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh – 160030
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi – 110 032.
4. The Member Secretary, Haryana State Pollution Control Board (Head Office) C-11, Sector-6, Panchkula, Haryana - 134109, Haryana.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhawan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

Annexure 1**Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)****1. Specific Conditions**

S. No	EC Conditions
1.1	PP shall obtain the NoC from the Haryana Water Resources Authority (HWRA) for proposing building project.
1.2	As per Ministry's OM dated 14 th January, 2025, projects shall obtain the environmental safeguards required for the establishment of the Project/Activity, from the concerned SPCB/PCC within 30 days of this OM, after payment of requisite fees. The same shall be appended to the EC later and the project proponent shall file six monthly compliance for the safeguards, along with the EC conditions. SPCB shall follow the provisions of Ministry's OM dated 14 th January, 2025.
1.3	The PP shall appoint qualified environmental personnel for the Environmental Management Cell within the next three months.
1.4	PP shall comply the Environment Management Plan related to project i.e Construction phase: Capital Cost = Rs. 48.5 lakhs and Recurring Cost = Rs. 9.10 lakhs/year and Operation phase : Capital Cost = Rs. 176 lakhs and Recurring Cost = Rs. 29.00 lakhs/year. Further, Rs. 100 Lakh additional budget to be allocated for EMP budget for nearby area/ outside the project boundary and in Aravali Green Wall Project.
1.5	No groundwater shall be extracted for the project and PP shall only use surface water and pipeline network with State Government.
1.6	Freshwater requirements shall not exceed 464 KLD during the operational phase. SPCB concerned shall not issue CTO incase PP proposes for ground water extraction since is area comes under over exploited
1.7	The plantation under Green Credit Program by the Project Proponent shall not be eligible for site specific plantation clearance forming part of Environment Clearance.
1.8	As proposed, wastewater shall be treated onsite in an STP of 780 KLD capacity. Further, energy meter shall be installed in the STP for proper monitoring. The data of this energy shall be submitted

S. No	EC Conditions
	with six monthly compliance report.
1.9	Area for greenery shall be provided as per the details provided in the project document i.e., the area greenery is 9,675.968 sq. m (15.6% of the plot/project area).
1.10	The PP shall plant 767 native trees within the plot area on mother earth.
1.11	Project Proponent shall strive to enhance the Green Belt beyond 15.6% and 767 nos the trees planted in this regard would be planted under the campaign "एक_पेड़_माँ_के_नाम" and the details of the trees planted would be uploaded on the portal https://merilife.nic.in .
1.12	PP shall recruit qualified Environmental Professionals/Environmental Engineers suitable for the roles defined in the proposed EMC structure within 3 months from the grant of Environmental Clearance.
1.13	As committed, biodegradable waste shall be utilized through the OWC to be installed within the site. Inert waste shall be disposed of as per norms at the authorized site.
1.14	As committed Parking facility is 1174 ECS are to be provided along with 20% of EV charging points of the total parking area. The project proponent shall essentially comply with all parking norms and standards as applicable. The project proponent shall essentially comply with all parking norms and standards as applicable.
1.15	PP shall installed solar power generation facility of 56 KW and thereby total energy saving measures from overall power consumption shall be 10%. Energy Audit by third party shall be conducted.
1.16	The PP shall store and utilize excess excavated ordinary earth to the maximum within the site for future landscaping, backfilling, internal road construction and the excess shall be disposed for National Highway (N.H.), State Highway, nearby PWD roads for widening works within 500 mts from the project site.
1.17	No trees shall be cut with out the permission of forest department prior to construction activity (as applicable).
1.18	PP shall construct concrete road in the project area by leaving the footprint area of structures, prior to construction to avoid fugitive dust emission due to transportation.
1.19	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals / clearances under any other Acts / Regulations or Statutes as applicable to the project.
1.20	Proponent shall ensure that requirements of accessibility particularly universal accessibility and more particularly pedestrian requirements are provided. Street and road sections should have a mandatory provision of cross-section elements and footpaths so as to minimize the shift from walk mode to vehicular mode to have the least impact on energy and the environment.
1.21	PP shall be responsible for establishment, operation and maintenance of all common facilities like STP, OWC, Green belt development, Solar, Rainwater Harvesting, and other such amenities

S. No	EC Conditions
	provided within the project site for a period of 5 years after handed over to the <i>bona fide</i> Residential Welfare Association or any other such association and also for compliance of EC conditions during operation stage. Responsibility of comply EC conditions shall be with Project Proponent only till the EC is transferred to Residents Welfare Association/Society/Committee. Agreement between Project Proponent and <i>bona fide</i> Residents Welfare Association/Society/Committee during handover of assets/infrastructure shall clearly mentioned the responsibility of complying EC Condition
1.22	The project proponent shall ensure that there is more than one entry / exit from different directions however, it should be checked that it does not create road safety hazards.
1.23	PP shall complete the entire plantation as per the plan before the occupancy certificate is issued. The local authority should verify the Green Belt area before issuing the occupancy certificate and consent to operate (CTO).
1.24	The project proponent shall obtain the Fire Safety certification from Fire Department and also height clearance from the concern Authority of India and submit the same to the concerned Regional Office of the Ministry within six months of the issue of the EC letter.
1.25	The project proponents would commission a third-party study from Environment Auditors/Premier Institutes on the implementation of all EC conditions in every 2 years. This study shall also include details related to quality and quantity of recycling and reuse of treated water, the efficiency of treatment systems, the quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats
1.26	PP shall mandatorily use a Gas-based power generator instead of a Diesel-based power generator and gradually reduce the number of power generators. PP shall comply with the sanction plans which is subject to strict compliance as contained in order dated 10.04.2015 passed by Hon'ble National Green Tribunal in OA No. 21 of 2014 Vardhman Kaushik vs. UoIL and others, as well as the MOEF&CC guidelines 2010.

Standard EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
1.2	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.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.

S. No	EC Conditions
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.5	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.
1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
1.7	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.
1.8	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.
1.9	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
1.10	The project proponent shall follow the ECSBC-2024/ENS (ECSBC-2024) prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	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.
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

S. No	EC Conditions
2.6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
2.7	Wet jet shall be provided for grinding and stone cutting.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
3.4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
3.6	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.

S. No	EC Conditions
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
3.11	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
3.12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
3.13	All recharge should be limited to shallow aquifer.
3.14	No ground water shall be used during construction phase of the project.
3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
3.16	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
3.18	No sewage or untreated effluent water would be discharged through storm water drains.
3.19	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

S. No	EC Conditions
3.20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
3.21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
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.
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.

5. Energy Conservation Measures

S. No	EC Conditions
5.1	Compliance with the Energy Conservation Sustainable Building Code (ECSBC-2024/ENS (ECSBC-2024)) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECSBC-2024/ENS (ECSBC-2024), shall comply with the State ECSBC-2024/ENS (ECSBC-2024).
5.2	Outdoor and common area lighting shall be LED.
5.3	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 ECSBC-2024/ENS (ECSBC-2024) specifications.
5.4	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.
5.5	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-laws requirement, whichever is higher.

S. No	EC Conditions
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management

S. No	EC Conditions
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
6.3	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.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
6.7	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.
6.8	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.
6.9	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.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover

S. No	EC Conditions
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
7.3	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 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
7.4	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 reapplied during plantation of the proposed vegetation on site.

8. Transport

S. No	EC Conditions
8.1	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.
8.2	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.

9.

S. No	EC Conditions
9.1	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.

10. Human Health Issues

S. No	EC Conditions
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.5	Occupational health surveillance of the workers shall be done on a regular basis.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.

11. Miscellaneous

S. No	EC Conditions
11.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
11.2	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or 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.
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified

S. No	EC Conditions
	personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
11.9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
11.18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Details of the Project

S. No.	Particulars	Details
a.	Details of the Project	Affordable Plotted Colony "M2K Olive Greens" being developed under Deen Dayal Jan Awas Yojana-2016
b.	Latitude and Longitude of the project site	28.46980917032246,76.98923678314934 28.47312672866313,76.99199022684883
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved
		Area in Ha
		Non-Forest Land (A)
		5.7212
		Forest Land (B)
		0
		Total Land (A+B)
		5.7212
d.	Date of Public Consultation	Public consultation for the project was held on
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	42003
g.	EMP Cost (in lacs)	176
h.	Employment Details	

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
As it is a affordable plotted colony project, hence not applicable	Product	0	Not applicable	Not applicable	As it is a affordable plotted colony project, hence not applicable