



## CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

CIDCO/SE (HSG-III)/2025/

1<sup>st</sup> June 2025

To,  
**The Additional Director(s),  
Regional Office (WCZ),  
Ministry of Environment,  
Forest & Climate Change,  
Ground floor, East Wing,  
New Secretariate Building,  
Civil Lines, Nagpur – 440001,  
Maharashtra**

**Sub: Submission of Environmental Clearance six monthly compliance for PMAY Housing project at  
Plot No. 01 & 02 of Sector-50 & 52 adjacent to Khandeshwar Railway Station (Creek side),  
Kamothe Node, Taluka-Panvel & District – Raigad, by CIDCO.**

**Ref: EC granted letter no. SIA/MH/MIS/53187/2020 granted date – 08.07.2020**

Respected Sir,

With reference to the above subject, we are submitting the current status of our construction work, monitoring reports, data sheet and point wise environmental clearance compliance status to various stipulations laid down by the Ministry of Environment and Forest in its EC granted letter no. SIA/MH/MIS/53187/2020 granted date – 08.07.2020 for period December 2024 to May 2025, along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

**Yours Sincerely,**

Superintending Engineer (HSG-III)  
CIDCO Ltd., 2<sup>nd</sup> Floor, Tower 10,  
CBD Belapur Railway Station Complex  
CBD Belapur – 400 614.  
(Project Proponent)



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CIDCO/SE (HSG-III)/2025/

1<sup>st</sup> June 2025

To,

**The Member Secretary SEIAA,  
Environment Department,  
Room No.217, 2<sup>nd</sup> floor,  
Mantralay, Annex  
Mumbai 400032**

**Sub: Submission of Environmental Clearance six monthly compliance for PMAY Housing project at  
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(CIN - U99999 MH 1970 SGC - 014574)

CIDCO/SE (HSG-III)/2025/

1<sup>st</sup> June 2025

To,

**The Regional Officer  
Maharashtra Pollution Control Board,  
Raigad Bhavan, 7<sup>th</sup> floor, Sector-11,  
C.B.D Belapur, Navi Mumbai**

**Sub: Submission of Environmental Clearance six monthly compliance for PMAY Housing project at  
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CBD Belapur – 400 614.  
(Project Proponent)

# **SIX MONTHLY COMPLIANCE REPORT**

**For**

**Period December 2024 to May 2025**

**Submission of Environmental Clearance six monthly  
compliance for CONSTRUCTION OF  
AFFORDABLE HOUSING UNDER PMAY  
SCHEME at Plot no. 1 and 2 sector 50 and 52 at  
Kamothe, Navi Mumbai (Khandeshwar Creek Side)  
by CIDCO**

**Submitted by-**

**Superintending Engineer (Hsg-I )**

CIDCO of Maharashtra Ltd,

6<sup>th</sup> Floor, CIDCO Bhavan,

CDB Belapur, Navi Mumbai- 400614

**June  
2025**

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# **PART A**

## **CURRENT STATUS OF WORK**

## CURRENT STATUS OF WORK – Dec 2024 to May. 2025

**Current Status of the project:** PMAY CIDCO PK ||| construction project at KDEX-25, near Khandeshwar railway station, Navi Mumbai.

Sr. No.	No. of Buildings	Status	Status of the Environmental Management Facilities
1	Building No-01	<ol style="list-style-type: none"> <li>1. LMR Shuttering work is in progress</li> <li>2. OHT Bottom Shuttering work is in progress</li> <li>3. OHT Bottom Reinforcement work is in progress</li> <li>4. OHT Bottom Casting &amp; Domestic tank 2 Flushing water tank casting work is in progress</li> <li>5. OHT Bottom casting Fire Fighting &amp; domestic Tank-1 work is in progress</li> <li>6. OHT wall shuttering work is in progress</li> <li>7. OHT wall casting work is in progress</li> <li>8. Mumty slab shuttering work is in progress</li> <li>9. Mumty slab reinforcement work is in progress</li> <li>10. Mumty slab concreting work is in progress</li> </ol>	
2	Building No-02	<ol style="list-style-type: none"> <li>1. 8th slab Casting work is in progress</li> <li>2. 9th slab Reinforcement work is in progress</li> <li>3. 9th slab shuttering work is in progress</li> <li>4. 9th slab Casting work is in progress</li> <li>5. 2nd floor Blockwork work is in progress</li> <li>6. Terrace Slab Reinforcement work is in progress</li> <li>7. Terrace slab shuttering work is in progress</li> <li>8. Terrace slab casting work is in progress</li> </ol>	
3	Building No-03	No work	

<b>4</b>	Building No-04	No work	
<b>5</b>	Building No-05	<ol style="list-style-type: none"> <li>4th floor Blockwork work is in progress</li> <li>6th floor Blockwork work is in progress</li> <li>Parapet Wall shuttering work is in progress</li> <li>Parapet Wall casting work is in progress</li> <li>OHT Bottom slab shuttering work is in progress</li> <li>Mumty shuttering work is in progress</li> <li>OHT Bottom slab &amp; vertical Reinforcement work is in progress</li> </ol>	
<b>6</b>	Building No-06	No work	
<b>7</b>	Building No-07	No work	
<b>8</b>	Building No-08	No work	
<b>9</b>	Building No-09	<ol style="list-style-type: none"> <li>4th slab casting work is in progress</li> <li>5th slab reinforcement work is in progress</li> <li>5th floor Shuttering work is in progress</li> <li>5th floor Casting work is in progress</li> <li>6th Slab reinforcement work is in progress</li> </ol>	
<b>10</b>	Building No-10	No work	
<b>11</b>	Building No-32	<ol style="list-style-type: none"> <li>5th slab casting work is in progress</li> <li>6th slab Reinforcement work is in progress</li> <li>6th slab Shuttering work is in progress</li> <li>6th slab casting work is in progress</li> <li>7th slab Reinforcement work is in progress</li> <li>7th slab Shuttering work is in progress</li> <li>Stilt floor Solid Block work is in progress</li> <li>Stilt floor Plaster work is in progress</li> <li>7th Slab casting work is in progress</li> </ol>	
<b>12</b>	Building No-33	No work	
<b>13</b>	Building No-34	<ol style="list-style-type: none"> <li>1st slab casting work is in progress</li> <li>2nd slab Reinforcement work is in progress</li> </ol>	
<b>14</b>	Building No-35	<ol style="list-style-type: none"> <li>LMR Shuttering work is in progress</li> </ol>	

		<ol style="list-style-type: none"> <li>2. LMR Casting Work is in progress</li> <li>3. OHT Shuttering work is in progress</li> <li>4. OHT Reinforcement work is in progress</li> <li>5. Mumty slab shuttering work is in progress</li> <li>6. Mumty slab reinforcement work is in progress</li> <li>7. Mumty Slab casting work is in progress</li> </ol>	
<b>15</b>	Building No-36	No work	
<b>16</b>	Receiving station	<ol style="list-style-type: none"> <li>1. Ladies &amp; Gents Toilet internal Plaster work is in progress</li> <li>2. Grade slab Outer slab work is in progress</li> <li>3. MS Door Fixing &amp; Collapsible Gate work is in progress</li> <li>4. Rolling Shutter Fixing is in progress</li> <li>5. Internal putty work is in progress</li> <li>6. Inspection of surface preparation internal painting work is in progress</li> <li>7. External side surface preparation painting work is in progress</li> </ol>	

# **PART B**

## POINT WISE COMPLIANCE STATUS

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

**PART- B**

Pointwise compliance status to various stipulations laid down by the ministry in its environment clearance letter No. SIA/MH/MIS/53187/2020 granted date - 08.07.2020.

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
<b>Specific Conditions:</b>		
i.	PP to adopt following segregation & treatment method for the sewage generated from the residential complex. <ul style="list-style-type: none"> <li>a. Grey water: - The waste water emanating from bathroom, kitchen sinks, wash basins, showers, dish washers should be collected separately and treated on site suitably to a level for reuse for flushing of toilets in apartment buildings and gardening.</li> <li>b. Black Water:- The waste water remaining from Flushing of toilets shall be collected separately and conveyed through sewer to the nodal STP for treatment and reuse for central garden, Golf course etc.</li> </ul>	Noted & will be adhered.
ii.	PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.	We will provide Low Flow Devices (LFD) in plumbing fixtures to adoption of water conservation.
III.	PP to ensure that the energy savings from renewable sources shall be minimum 5.84%	Noted & will be adhered.
iv.	No Occupation Certificate (OC) to be granted to the project unless the raw water supply is assured from Hetwane dam.	Noted & will be adhered.
v.	PP to obtain CRZ clearance from MCZMA and comply all the conditions stipulated	Not Applicable.
vi.	As committed during presentation the green area proposed which is part of CRZ area shall remain intact and green zone only and no further development will be allowed as it is part of the layout of this project. PP to submit an Undertaking to that effect.	Noted & complied.
vii.	PP to abide all conditions of NOCs granted by the different authorities.	Noted & will be adhered.
viii.	PP to explore to provide left Over CRZ area to be converted into green area.	Noted & will be adhered.
ix.	PP to follow all conditions prescribed by MSETCL for shifting of high-tension Line, underground. PP to ensure that no building or any construction work is undertaken	Noted & will be adhered.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	within the safety distances prescribed by MSETCL	
<b>x.</b>	PP to calculate the reduction in potable water consumption due to provision of grey water Treatment plant at site. The same shall be implemented.	Noted
<b>ix.</b>	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary since the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting Commencement Certificates.	Not Applicable.
<b>x.</b>	PP to submit CER prescribed by MoEF & CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department	Noted and will be adhered.
<b>xi.</b>	PP to ensure that CER plan gets approved from Municipal Commissioner.	Noted & CER plan has been sent to Collector, Raigad 21.07.2020 & attached in <b>Annexure-1</b>
<b>xii.</b>	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted & as per the Tree NOC at <b>Annexure- 2.</b>
<b>xiii.</b>	SEIAA decided to grant FC for-FS1: 106397.147 m2. Non-FS1. 75454.964 m2 and Total BUA: 18185211 m2 (Plan Approval no- CIDCO/SR ARCH/BP-HP)2209-4331-211 dated 25.02.2020	Noted.

**General Conditions:**

<b>i.</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Noted & will be adhered.
<b>ii.</b>	The Occupancy certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water and connectivity of the sewer line to the project site and proper disposal of treated water as per environment norms.	Noted & will be adhered.
<b>iii.</b>	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the	This PMAY Housing site is located outside the boundary of environmentally sensitive area. Hence not Applicable.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	
iv.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	We observe strict compliance of conditions stipulated by SEAC & SEIAA.
v.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Noted and adhered.
vi.	If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Noted. We have obtained consent to Establish vide No. Format 1.0/CAC CELL/UAN No. 0000098384 /CE - 2102000392, Dated on 05.02.2021. Attached in Enclosure - III
vii.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Yes noted. We have provided sanitary and hygienic measures on the project site before starting the construction activity. Attached in Annexure- 3
viii.	Adequate drinking water and sanitary facilities should be provided for Construction workers at the site.also mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Drinking water is made available through Local authority for construction workers. Solid waste generated and disposed of through local authority garbage collection vehicle. Attached in Annexure - 4
ix.	The solid waste generated should be properly collected and segregated. dry/ inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Noted & will be adhered.
x.	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people,	Noted & will be adhered.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	only in approved sites with the approval of competent authority.	
xi.	Arrangement shall be made that waste water and storm water do not get mixed.	We will take care and make arrangements for the same.
xii.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted & will be adhered.
xiii.	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Noted and will be adhered.
xiv.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	We will follow the CPCB norms for Green Belt Development.
xv.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Complied. Analysis report is attached as Annexure-4
xvi.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	The Construction spoils are stored separately. No hazardous materials at site.
xvii.	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste at site.
xviii.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Good quality DG set are installed on construction site confirming to Environment (Protection) rules prescribed for air and noise emission standards.
xix.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Noted and will be adhered.
xx.	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	The hired vehicle for the transportation of material are in good condition and have a pollution check certificate and conforms to applicable air and noise emission standards

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<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	air and noise emission standards and should be operated only during non-peak hours.	and are operated only during non-peak hours.
xxi.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	The noise level as well as air pollution is monitored regularly from MoEF/NABL recognized laboratory. Air & noise monitoring reports are attached in Annexure- 4.
xxii.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August. 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations)	Noted and fly ash is being used in concrete work.
xxiii.	Ready mixed concrete must be used in building construction.	Noted and will be adhered. Dedicated ready mixed concrete batching plant is established for the project
xxiv.	Storm water control and its re-use as per CGWB and BIS standards for various applications	Noted and will be adhered.
xxv.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	We are using premixed concrete to reduce the use of water
xxvi.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No ground water is being used for construction.
xxvii.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	As per EC condition, the sewer line of the project will be connected to nodal sewer network which is connected to Nodal STP of CIDCO at Kamothe Node.
xxviii.	Permission to draw ground water and construction of basement if any shall be	We do not use ground water for any construction or drinking purposes. There is no basement construction.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	obtained from the competent Authority prior to construction/operation of the project.	
XXIX.	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water	Yes. We have proposed dual plumbing line for separation of grey and black water
XXX.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Low Flow water efficient fixtures will be used.
XXXI.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Noted and will be adhered
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted and will be adhered
XXXIII.	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	Noted. The energy conservation measures of the project are in confirmation of the ECBC-2006 and NBC 2005.
XXXIV.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted and will be adhered.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	The noise level as well as air pollution is monitored regularly from MoEF/NABL recognized laboratory. Air & noise monitoring reports are enclosed.
XXXVI.	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.	There is no traffic congestion near the entry and exit points from the roads. Parking is fully internalized and no public space is being utilized.
XXXVII.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement	Noted and adhered
XXXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation	Noted and adhered
XXXIX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	It is being followed.
XL.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained environment clearance & copy is attached in Enclosure- II.
XLI.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Complied. EC compliance report enclosed herewith.
XLII.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and	Allotment/occupation will be given after installation of environment infrastructure & certification from appropriate authority.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	made functional including water requirement.	
XLIII.	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this	Yes, we have proposed Organic Waste Converter for composting of wet garbage. The treated waste (manure) will be utilized in the existing premises for gardening.
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	As per EC condition, the sewer line of the project will be connected to nodal sewer network which is connected to Nodal STP of CIDCO at Kamothe Node
XLV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB	Noted and will be adhered.
XLVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted and will be adhered.
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted & will be adhered.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year- wise expenditure should be reported to MPCB & this department	Separate funds are allocated for implementation of EMP during construction phase and Operation phase. Find attached EMP report in Part-II
XLIX.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	Noted & adhered. Attached in Annexure-5
L.	Project management should submit half yearly compliance reports in respect of the	Complied.

**CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2  
sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO**

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
	stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year	
LI.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent	Complied. Attached in Annexure 6
LII.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted & will be adhered. Environment monitoring report is Attached in Annexure-4
LIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB	Complied. EC compliance report enclosed herewith.
LIV.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Noted and will be complied.

## **PART C**

<b>ENCLOSURE NO.</b>	<b>ENCLOSURES</b>
Enclosure 1	Data Sheet in Format with Part-I, Part-II
Enclosure 2	Environmental Clearance Copy
Enclosure 3	A copy of Consent to Establish

Ministry of Environment & Forest  
Western Region, Regional Office, Nagpur.

PART – I

DATA SHEET

<b>1.</b>	<b>Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)</b>		<b>:</b>	"Construction Of Affordable Housing Under PMAY Scheme"
<b>2.</b>	<b>Name of the project</b>		<b>:</b>	"Construction Of Affordable Housing Under PMAY Scheme"
<b>3.</b>	<b>Clearance letter ( s ) / OM No. and Date</b>		<b>:</b>	Environmental clearance has been obtained from the MoEF as vide their ref. SIA/MH/MIS/53187/2020 granted date - 08.07.2020.
<b>4.</b>	<b>Location</b>		<b>:</b>	
a.	<b>District ( S )</b>		<b>:</b>	Raigad
b.	<b>State ( s )</b>		<b>:</b>	Maharashtra
c.	<b>Latitude/ Longitude</b>		<b>:</b>	19° 0'17.71"N 73° 5'53.43"E
<b>5.</b>	<b>Address for correspondence</b>			
	a.	<b>Address of Concerned Project Chief Engineer (with pin code &amp; Telephone / telex / fax numbers</b>		<b>:</b> CIDCO Ltd. Of Maharashtra Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO
<b>6.</b>	<b>Salient features</b>			
a.	<b>of the project</b>		<b>:</b>	PART –I
b.	<b>of the environmental management plans</b>		<b>:</b>	PART –II
<b>7.</b>	<b>Breakup of the project area</b>		<b>:</b>	Total Plot area-63,607.160 sq. m Built up area- 1,81,852.1 Sq. m
	a.	<b>submergence area forest &amp; non-forest</b>		Not applicable. Since the proposal under reference is in developing part of the CIDCO
	b.	<b>Others</b>		NA
<b>8.</b>	<b>Break-up of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units &amp; agricultural Land &amp; landless labourers/artisan</b>		<b>:</b>	There is no displacement of population due to project hence not applicable.
	a.	<b>SC, ST/Adivasis</b>		<b>:</b> <b>Not Applicable</b>

CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO

	<b>b.</b>	<b>Others</b> (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	Not Applicable
<b>9.</b>	<b>Financial details</b>		:	
	<b>a.</b>	Project cost as originally planned and subsequent revised estimates and the year of price reference:	:	
	<b>1.</b>	Total Cost of the Project	:	Rs. 789 Crores only
	<b>b.</b>	Allocation made for environmental management plans with item wise and year wise Break Up.	:	Construction Phase: Set up Cost: 44 Lacs, Operation Phase: Set up Cost: 31.75 Lacs, O & M Cost: 35 Lacs/annum
	<b>c.</b>	Benefit cost ratio / Internal rate of Return and the year of assessment	:	Not Applicable.
	<b>d.</b>	Whether (c) includes the cost of environmental management as shown in the above.	:	Yes
	<b>e.</b>	Actual expenditure incurred on the project so far	:	-
	<b>f.</b>	Actual expenditure incurred on the environmental management plans so far.	:	Not Applicable
<b>10</b>	<b>Forest land requirement</b>		:	Not Applicable
.	<b>a.</b>	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
.	<b>b.</b>	The status of clearing felling	:	Not Applicable
.	<b>c.</b>	The status of compensatory afforestation, if any	:	Not Applicable
.	<b>d.</b>	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
<b>11</b>	<b>The status of clear felling in Non-forest areas (such as submergence area of</b>		:	Not Applicable

CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO

	<b>reservoir,</b>			
<b>12</b>	<b>Status of construction</b>		:	<b>Part A</b>
	<b>a.</b>	<b>Date of commencement (Actual and/or planned)</b>		<b>July 2020</b>
	<b>b.</b>	<b>Date of completion ( Actual and/or planned )</b>		<b>December 2026</b>
<b>13</b>	<b>Reasons for the delay if the Project is yet to start</b>		:	<b>Not applicable since project activity is in progress</b>
<b>14</b>	<b>Dates of site visits</b>		:	
	<b>a.</b>	<b>The dates on which the project was monitored by the Regional Office on previous Occasions, if any</b>		<b>Not yet visited.</b>
	<b>b.</b>	<b>Date of site visit for this monitoring report</b>		<b>-</b>
<b>15</b>	<b>Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits )</b>		:	<b>Not Applicable</b>

# **ENCLOSURE NO. I**

Data Sheet in format with Part – I, Part – II & Part- III

**PART I**

**PROJECT DETAILS**

<b>Name &amp; Location</b>	: "CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME" at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO
<b>Total no. Of workers to be employed during the construction phase.</b>	: Peak: 250 Nos. Average: 50 Nos.
<b>Total Project cost</b>	: Rs. 789 Cr only.
<b>Project infrastructure</b>	: "Proposed PMAY Housing Project"
	: Total Plot area-63,607.160 sq. m Built up area- 1,81,852.1 Sq. m
<b>Water Requirement and Sources</b>	: <b>During Construction Phase -</b> From Tankers /Municipal Council water: 50 m <sup>3</sup> /day (depending upon the activity) <b>During Operational Phase -</b> From Local authority water: 1396 m <sup>3</sup> / day
<b>Sewage generated</b>	: Building: 1112 KLD
<b>Power</b>	: <b>During Construction Phase -</b> 1. From MSEDC: 125 KW <b>Operational Phase -</b> From MSEDC connected load: 1790 KW 5. D.G Set of Capacity: 110 KVA
<b>Gaseous emissions</b>	: Pollutants like SPM, SO <sub>2</sub> may arise from emissions from DG Sets will be connected to an appropriately designed vent.
<b>Solid waste from: Operation Phase</b> 1. Dry 2. Wet	: <b>Residential &amp;Commercial</b> 1396 kg /day. 2094 kg/day

## **PART II**

### **ENVIRONMENT MANGEMENT PLAN**

M/s. CIDCO proposes to establish residential Building. Proposal PMAY Housing Building project of Residential Building project is coming up in Plot no. 1 and 2, Sector 50 & 52, near Khandeshwar Creek Side, Kamothe, Navi Mumbai, District: Raigad.

The issues likely to develop at various stages of the project e.g. preconstruction, construction & operation could be addressed by preparing a compatible environmental management plan (EMP) & its effective implementation. During study it is to be considered all the environmental attributes such as air, water, noise solid waste & socio-economic aspects etc.

The main aim of environment management plan is to conserve the resources minimize the waste generation, treatment of waste & recycling of material.

Also incorporates vegetation & landscapes of open area & also the post project quality monitoring.

Environmental management plan (EMP) is aimed at mitigating the possible adverse impact of a project & for ensuring to maintain the existing environmental quality. The EMP converses all aspects of planning, construction & operation of the projects, which are relevant to environment. It is essential to implement the EMP right from the planning stage and then continuing it throughout the construction & operations stage. Therefore, the main objective of the EMP is to identify the projects specific activities that would have to be considered for investigation of the significant adverse impacts & the mitigation measures required.

During study of the environmental attributes, it was seen that all the aspects would be considered to promote the better development in case of future aspects of projects as well as environmental aspects.

#### **1. Water Management:**

##### **Sewage Treatment**

Objective of Sewage treatment should be

- Total Sewage will be discharged into Existing Nodal STP of 85 MLD capacity at Kamothe for treatment
- To treat sewage so that it can be re-used for toilet flushing/gardening.
- Balance water should be let out to Municipal sewer drain line.
- Treated sewage should be a reused the maximum extent for toilet flushing.

- The excess treated water should be let out to the nearest corporation sewer line along with road.

#### Description of treatment facility

The nature's way of handling wastewater and is based on Ecological Engineering. The typical sewage treatment envisaged for the construction of STP looking over all the Aspects of reliability & techno economic feasibility study for the proposed building unit will be Moving Bed Bio Reactor. The wastewater is processed by this ecosystem which converts the impurities trapped in the biofilters into stable components followed by a polishing tertiary treatment. The final treated water meets the pollution board norms & can be reused for gardening / irrigation / construction / toilet flushing, etc.

#### Features of the design:

**Capacity of the plants: 705 KLD will be discharged into existing Nodal STP of 85 MLD Capacity at Kamothe for treatment.**

**Treated effluent quality:** Treated effluent meets the most stringent of the standards  
**Compact and Elegant:** The system elegantly designed with the particular emphasis on compactness, aesthetics and ergonomics.

Parameters	Unit	Inlet Water Quality	Treated water quality
pH	NA	6.0-8.5	5.5-9.0
BOD	mg/l	200-500	<10
COD	mg/l	350-450	<50
Dissolved PO <sub>4</sub>	mg/l	13-15	<5
Fecal Coliform	MPN/100L	Nil	Nil
Total Nitrogen	mg/l	120	<50

**Odor free Environment:** The system designs ensures and odor free environment unlike competing systems.

#### Residuals:

Excess sludge from the biological treatment process is dewatered in filter place. This is preferred to other sludge drying methods for the following reasons:

- Saves 80 - 90% on electricity

- Easy to operate - only gardener level operator required
- Hence, saves 80 - 90% on O & M cost  
[ about Rs. 3-5/- per cu.m.]
- Payback within 4 – 5 years!
- No problem of flow fluctuations in holidays / vacations
- No secondary sludge
- Resembles a beautiful garden!

### **Environmental Impacts and Life Cycle Assessment**

- Positive environmental impacts.
- Use of a treated water for toilet flushing and the resulting water conservation
- As the operation is essentially soundless, no adverse noise impacts will be created

### **B) Rain water harvesting:**

Rainwater Harvesting facilities will be created at the project site in the form of aquifer recharge. However, water requirement for the project will not be met from groundwater.

Such rainwater harvesting system should have two-fold objective:

- 1) To utilize rain water available on the plot in direct way or indirect way to reduce the load on water supply system.
- 2) To minimize the storm water drainage load to avoid water logging locally as well as on larger scale.

<b>Percolation Pits not provided – 03 no. of Tanks Having total capacity is 320 KL</b>
--

## **AIR POLLUTION CONTROL**

### **DURING CONSTRUCTION PHASE:**

The project will contribute in higher dust level during construction phase. The concrete will be made from outside source of Ready-Mix Plant. The debris and utilized construction material and earth from the construction site shall be removed immediately to recycle within the project so that no nuisance dust is generated due to wind. Construction activities shall not be allowed at night.

The site being influence by winds would result in quick dispersal of the pollutants and thereby the impacts due to NO<sub>x</sub> and SO<sub>2</sub> emissions during the construction will be negligible. Therefore, considering all the air pollutants, it is not expected that air emission due to construction will exceed air quality standards (NAAQS)

Precautions, which would be taken to reduce dust generation during construction phase, are mentioned as follows:

- Concrete supplied from an outside source involves trucks carrying cement, gravel, sand travelling to site and may cause dust emission thus ready-mix concrete carried in enclosed container will be used as it is better option compared to onsite batch mixing. The operations shall be carried out in a temporary enclosed shed and workers shall be provided with protection masks.
- Dust covers will be provided on trucks that would be used for transportation of materials prone to fugitive dust emissions.
- Water sprinkling on ground and new construction will be done at regular intervals to avoid dust generation.
- Mitigation measures shall include regular maintenance of machinery and provision of proposal protective equipment's to workers where needed.
- Proper upkeep and maintenance of vehicle, sprinkling of water on roads and construction site and providing sufficient vegetation all around the plant site are some of the measures that would reduce the impact during construction phase.

### **AFTER COMPLETION**

The proposed project will not have any direct impact on air environment after completion. To ease the traffic congestion project proponent will provide well organized parking arrangement.

The vehicles employed by the developers shall be checked by vehicular emissions. The developers shall also impress upon the service agencies to get vehicles regularly checked for vehicular emissions.

During operational phase, two numbers of D.G. sets will be provided only in case of power failure of water pumps, fire pumps/ fire-fighting system, stretcher lifts, partial lighting in common lobbies/stairs, partial lighting in stilts/podium access roads etc. DG sets will be complying with CPCB norms for air pollutants.

Emission during construction and operation will be as per the desirable limits of CPCB standards.

## **NOISE POLLUTION CONTROL**

### **Construction Phase:**

During construction phase, source of noise pollution will be due to operation of machinery Earthmoving Machinery Mini Hoist Crane, Hoist Crane, Concrete mini mixer, Weight batcher etc. as well as transportation of vehicles. This will cause nuisance to the occupants of the nearby area. The project proponent has agreed to take precaution to control noise pollution as mentioned under:

- Use of equipment generating noise of not greater than 90 dB (A).
- High noise generating construction activities would be carried out only during daytime.
- Installation, use and maintenance of mufflers on equipment.
- Workers working near high noise construction machinery would be supplied with ear muffs/ear plugs.

### **Operation phase:**

The proposed project being PMAY building, the source of noise is vehicular noise only. The project proponents have proposed to provide adequate parking arrangement, which would help in reducing noise levels due to vehicular movement in the parking area.

The project proponents have proposed wall and rows of trees, which would act as noise buffer and will reduce the noise level within site.

Canopies will be provided to the mechanical devices to reduce noise and vibration. There will not be any considerable impact on the ambient air quality around the project site as CPCB approved DG sets along with acoustic room will be developed and plantations will be provided.

## **SOLID WASTE MANAGEMENT**

### **CONSTRUCTION PHASES:**

Solid waste would be generated mainly due to excavation in the form of rubble and soil. This soil and rubble would be used for development of landscape within the projects site. The Biodegradable and non-biodegradable soil waste which will be generated from labors will be sent to Municipal waste bins working within site.

#### **OPERATION PHASE:**

Solid waste will be generated in the campus is domestic type having source separated dry and wet components. As far as possible the dry waste like paper, cardboard boxes, thermocol packing, plastic, etc. shall be sent to scrap vendor for recycling purpose. However, wet waste, which is biodegradable, shall be converted to bio-compost by adopting following aerobic composting method.

Solid waste from domestic sources shall be treated by the following ways:

- Wet garbage: Composting within the premises and using it as manure.
- Sludge from S.T.P will be used in –house.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and ‘In vessel process’ will be used for composting of wet waste.

#### **Solid Waste Management**

##### **During Operation Phase**

Quantity of wet waste – 2094 kg/day.

Quantity of Dry waste – 1396 kg/day.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and wet waste will be treated in OWC for composting.

#### **1. GREEN BELT DEVELOPMENT**

The project proponent will also propose to develop landscape garden by planting native tree. The project proponents have proposed a landscape and covered with vegetation of indigenous variety.

#### **ENERGY CONSERVATION**

Energy conservation measures are often the easiest, quickest and cheapest way to reduce costs and be environmentally pro-active. Energy conservation program will be implemented through measures taken both on energy demand and supply. Energy conservation is focused during the complex planning and operation stages. The conservation efforts would consist of the following:

### **Measures to reduce energy consumption-**

- Minimize use of air conditioning so as to use of architectural design.
- Maximize the use of natural lighting and ventilation through design.
- Purchase of energy efficient appliances
- Constant monitoring of energy consumption and defining targets for energy conservation. Energy monitoring will be done with the help of Energy meters.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. Design based on lux level calculations.
- Use of compact fluorescent lamps and low voltage lighting.
- Sunscreen films on windows to reduce heating inside the buildings.
- Awareness on energy conservation will be raised among the users of the building in the complex.
- Use of windmills to cover-up the part lighting load of common area

Maximum priority is given for placement of solar water on top terraces. The appurtenant spaces here common lighting is required are proposed to use unconventional energy.

### **ARCHITECTURAL DESIGNS**

- Maximum ground is covered by green patches to reduce reflection of heat from ground surface.
- Shade giving trees are proposed around the condominium especially on South& west side to cast shadow on the ground & building.
- By accommodating maximum parking area are covered parking, heat generation due to vehicle is compressed below the building.
- Thermal paint application is proposed for external walls which reduce & reflect heat. Direct exposure to sun is reduced by proposing double height terraces & double wall external walls. Adequate sunshades are proposed.

### **Thermal Characteristics of the building envelop:**

- a) Terraces will be treated with a layer of brick bat coba for reduction in heat gain through roof.
- b) Overhang projections & horizontal band of 0.3m will be provided around the windows which will be reducing solar heat gain assures maximum natural light and ventilation in the buildings.
- c) External shading is prominently used in the complex intercepts solar heat before it reaches the glass /wall.

d) External walls are 150 mm with 10 mm plaster on both the sides (cavity wall), double height terraces are provided to reduce direct exposure to sun. Tinted colored with light slightly tinted colors to reduce solar heat gain & will reflect heat.

e) Friendly acrylic paint.

## 7. ENVIRONMENTAL AND SAFETY CARE

The project proponents shall follow all the safety rules and regulation as prescribed by regulatory authority as under-

Fire and general safety Measures

The system is having

a) Fire Hydrant System

b) Fire alarm System Manual

c) Portable Fire Extinguishers

a) Fire Hydrant System consist of following

- Wet Riser mm dia Class C from terrace to UG tank.100 mm dia G I Pipe Class C from water tank to booster pump & pump to terrace
- Fire Hydrant Valve, Fire House Pipe 63mm dia, Short Branch Pipe , House Reel drum – one each Landing.
- Fire Inlet at parking and road side.
- Court Yard Hydrants on each 30Meter on periphery of building.
- One Pump on UG tank to give discharge of 2280 LPM @ meter head

b) Fire Alarm System

- Manual Call Point cum Hooter with microphone on each landing.
- Talk Back Public Address System Panel at Parking.

c) Portable Fire Extinguishers – At lift room, meter board, parking transformer room.

## WATER LOGGING-

The projects proponent has made proper storm water drain arrangement and rainwater harvesting will be implemented within their premises. Hence water logging will be less.

## 10. FUNCTIONS OF ENVIRONMENTAL MANAGEMENT CELL

10.1 Formation of Environmental Management Cell:

Monitoring and feedback become essential to ensure that the mitigation measures planned by way of environmental protection management cell comprising senior officials may be constituted

To maintain the EMP, a structured Environmental Management Cell (EMC) interwoven with the existing management system will be created. EMC will undertake regular monitoring of the environmental and conduct yearly audit of the environmental performance during the construction of the project. It will also check that the stipulated measures are being satisfactorily implemented and operated. It shall also co-ordinate with local authorities to see that all environmental measures are well coordinated.

EMC will perform following functions

Monthly review of environmental problems and monitoring of installation / performances /maintains of pollution control measures.

Enforcement of latest rules and regulation under relevant Environmental protection acts.

Preparation of budgetary estimates to seek sanctions for new pollutions control measures if required and/or up-gradation of existing ones based on new technologies.

Emergency planning.

EMC shall meet at least once a month and take stock of progress of work relating to decision taken and targets set in the previous meeting.

## **FORMATION OF TASK FORCE**

A task having force having organizational set-up comprising staff of various grades shall be constituted. The task force will ensure following tasks:

Monitoring activities within core & buffer zone.

Monitoring of efficiency of pollution control schemes.

Preparation of maintenance scheduled of STP & composting plant and ensures that is followed strictly.

Inspection and regular cleaning of draining system.

Green- belt development.

Water and energy conservation.

**Good housekeeping.**

CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME at Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO

Apprising EMC on regular basis.

### **MONITORING PROGRAM**

A comprehensive environmental monitoring program that has been prepared for the purpose of implementation in the proposed residential complex will be strictly followed to ensure the success of environmental management activities.

It is proposed to carry out environmental monitoring work of factory by MoEF recognized laboratory. They will assign the work for carrying environmental audit for each year. Also environmental awareness program shall be conducted on regular basis.

**PART -III**

**ALLOCATION MADE FOR ENVIRON-MENTAL MANAGEMENT PLANS**

**DURING OPERATIONAL PHASE:**

**CAPITAL INVESTMENT FOR ECOFRIENDLY FEATURES**

Sr. No	Project	Capital Cost (Rs. Lakhs)	O & M Cost/Year (Rs. Lakhs)
1	Rainwater harvesting	5.25	7.00
2	OWC	6.00	8.00
3	Landscaping	6.00	6.00
4	Environment Monitoring	-	1.00
5.	Energy	14.50	13.00
<b>Total Amount</b>		<b>31.75</b>	<b>35.00</b>

**PART D**  
**ALL ANNEXURE**

## CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

### REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,  
Mumbai - 400 021.  
PHONE : 00-91-22-6650 0900  
FAX : 00-91-22-2202 2509

### HEAD OFFICE:

CIDCO Bhavan, CBD Belapur,  
Navi Mumbai - 400 614.  
PHONE: 00-91-22-6791 8100  
FAX : 00-91-22-6791 8166

Ref. No.

CIDCO/CE (SP)/2020/ 2869

Date : 03.07.2020

To,  
The District Collector and District Magistrate,  
District Collector's Office  
At/PO – Alibaug,  
District – Raigad  
Pin – 402 201

Subject : Proposed Corporate Environmental Responsibility (CER) activities for Proposed Affordable Housing under PMAY scheme at Plot No.2 in Sector- 50 & Plot No. 1 in Sector- 52 at Kamothe, Navi Mumbai.

Respected Sir,

Please find enclosed herewith the Corporate Environmental Responsibility (CER) activities in accordance with the circular issued by Ministry of Environment Forest and Climate Change (MOEF & CC) dated 1.5.2018 and subsequent circular of 19<sup>th</sup> June 2018 on Corporate Environmental Responsibility (CER) for Proposed Affordable Housing under PMAY scheme at Plot No.2 in Sector- 50 & Plot No. 1 in Sector- 52 at Kamothe, Navi Mumbai.

This is for your kind information

Yours faithfully,



(S. K. Chotalia)  
Chief Engineer (SP)  
CIDCO Ltd., 6<sup>th</sup> floor, CIDCO Bhavan,  
CBD Belapur, Navi Mumbai-400 614

Encl: CER activity plan

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In case of any corruption related complaints, please visit :  
[www.cidco.maharashtra.gov.in](http://www.cidco.maharashtra.gov.in) Click on Dakshata link

**CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED**

(CIN U99999 MH 1970 SGC - 014574)

**REGD OFFICE**

NIRMAL - 2nd Floor, Norman Point  
 Mumbai - 400 021  
 PHONE: 00-91-22-6660 0000  
 FAX: 00-91-22-2302 2500

**HEAD OFFICE:**

CIDCO Bhavani, CBD Belapur,  
 Navi Mumbai - 400 614  
 PHONE: 00-91-22-6791 8100  
 FAX: 00-91-22-6791 8106

Ref. No. No.CIDCO CE(SP)/2020/2843-(Q)

Date: 19.06.2020

**CORPORATE ENVIRONMENTAL RESPONSIBILITY**

In accordance with the circular issued by Ministry of Environment, Forest and climate change (MoEF & CC) dated May 01, 2018 and subsequent circular of June 19, 2018 on Corporate Environmental Responsibility we hereby submit our plan as below;

**A. Basic Information of the project**

No.	Description	Details
1.	Name of the Project	Proposed mass Housing Scheme on Plot No. 2 in Sector No. 50 and Plot No.1 in sector 52 at Kamothe, Navi Mumbai. (Khandeshwar Station Creek Side)under Pradhan Mantri Awas Yojna (PMAY).
2	Location of the Project	Plot No. 2 in Sector No. 50 and Plot No.1 in sector 52 at Kamothe, Navi Mumbai.
3	Project type (Green/Brown field)	Green field
4	Cost of the project as mentioned in CS (Rupees in Crore)	Rs. 789 Crores
5	Any previous EC and Completion Certificate of the part of the project before may 01,2018, if yes give the details with date and reference number	Nil
6	Cost of the part completed project (as per details given at Sr. No.5)	Nil
7	Effective cost of the project for CER consideration (4-6)	Rs. 789 Crores
8	Applicable norm in terms of % of the project cost for CER and amount (Rupees in Crore) (1.0 %)	Rs. 7.89 Crores
9	Expected duration for completion of the project (Years)	5 Years
10	Implementing Agency Identified (NGO/Trust/ULB) give name and details	Yet not identified
11	Please attach agreement with implementing Agency	—

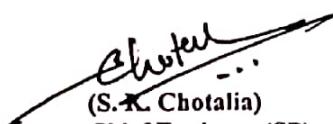
In case of any corruption related complaints, please visit :  
[www.cidco.maharashtra.gov.in](http://www.cidco.maharashtra.gov.in) Click on Dakshata link

**B. CER Activities Proposed: (Please propose as per the suggested list given in table below)**

No	Description	Details
1.	Any issue raised during the public hearing, social need assessment, R&R plan, EMP, etc	Not applicable
2	If Yes Please give details	-
3	CER activities proposed to be from suggested activities as infrastructure creation for drinking water supply, sanitation health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas, community level sewage treatment plant, solid waste (composter of Biogas plants), air quality monitoring research activities on environmental aspects training programmes on waste management including skill development aspects for town/ village/ pilot project on clean energy/ environment etc.	CER Activities proposed are as follows: <ul style="list-style-type: none"><li>• Sanitation</li><li>• Health</li><li>• Education</li><li>• Water Supply</li><li>• Training</li></ul>
4	Consent of implementing agency (NGO etc.) and local authority to accept the CER in case of environmental infrastructure project	
5	Year wise activity indicating the detail of plan and cost (as applicable for duration of the project attach separate sheet with Gnat Chat which will be useful for monitoring	
	First year (Indicate year)	1.5 cr
	Second year	1.5 cr
	Third year	1.5 cr
	Forth year	1.5 cr
	Fifth year	1.89 cr

We undertake to complete the work with our CER commitment as per OM dated 01.05.2018

**The list of identified works for proposed CER is enclosed as Annexure "A"**

  
 (S.K. Chotalia)  
 Chief Engineer (SP)  
 CIDCO Ltd. 6<sup>th</sup> Floor  
 CIDCO Bhavan, CBD Belapur,  
 Place: Navi Mumbai  
 Date: 19.06.2020

## ANNEXURE - A

**Budgeted works Identified under EE(PNL-I) & EE(KMT)  
Divisions for year 2020-21 onwards for CER – Khandeshwar Creek site**

Sr. No.	Name of work	Estimated/Contract amount (Amount in Lakhs)
1	Grant-In-Aid work for Providing, supplying, lowering, laying and jointing D.I. water supply lines at Kundevahal, Tal : Panvel.	44.19
2	Construction of water tank at Khalche owale under Grant-In-Aid, Tal. Panvel.	46.21
3	Development works at Kundevahal village.	92.30
4	Consultancy Services for Grant-In-Aid Works (Panvel E & W)	20.00
5	Grant-In-Aid works	100.00
6	P/S/L/L D.I. water supply line at Kundevahal Village.	40.63
7	Grant-In-Aid works for development works at Asudgaon village, tal. Panvel, Dist. Raigad.	37.90
8	Grant-In-Aid works for development works at Bambavipada under Kundevahal Gram Panchayat.	38.39
9	Grant-In-Aid works for development work at Khalche Owale.	87.88
10	Beautification of Water Pond in Sector-15 at kamothe Node in Navi Mumbai.	90.00
11	Providing & Laying grey water supply line for reuse of treated water from STP in sect-32 at Kamothe.	200.00
	<b>Total amount in Lakhs.</b>	<b>797.50</b>



(S.K. Chotalia)

Chief Engineer (SP)

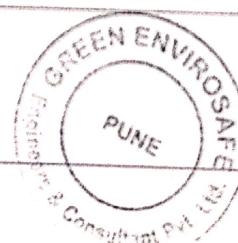
CIDCO Ltd. 6<sup>th</sup> Floor

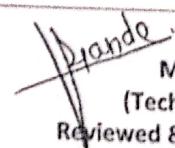
CIDCO Bhavan, CBD Belapur,

Place: Navi Mumbai

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT					
Test Report No	GESEC/PRO/2024-25/01/284	Date	28/01/2025		
Sample Code-	GESEC/PRO/2024-25/01/284				
Name & Address of the Client	Client Name: Shapoorji Pallonji and Company Private Limited				
	CIDCO Package III-Khandeshwar Creek Station Site-1587				
STACK DETAILS					
Stack No	Sample Details	Sampling done by			
DG No. 1 (125 KVA)	Stack	M/s. Perfect Pollucon Services, Thane			
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date		
21/01/2025	23/01/2025	23/01/2025	28/01/2025		
Name of Instrument	6320	Date of Calibration	11-01-2024		
Calibration Certificate No.	TECH/2024/SMK/30	Due Date of Calibration	10-01-2025		
Shape	Round	Material of Stack	MS		
Diameter/ Dimensions (m)	0.1016	Gas Volume (m <sup>3</sup> /Hr)	318		
Height (m)	5.0	Fuel Used	Diesel		
Temperature (°C)	136	Velocity (m/s)	10.90		
Sample Test Details					
Sr.No.	Parameters	Method	Unit	Limit	Result
1	Total Particulate Matter	EPA METHOD 17: 2017	g/kw- hr	≤ 0.2	0.10
2	Sulphur – Di – Oxide	EPA METHOD 06: 2017	g/kw- hr	NM	0.08
3	Carbon Monoxide (CO)	IS 13270:2019	g/kw- hr	≤ 4.0	0.22
4	Oxide of Nitrogen NO <sub>2</sub>	IS 11255 Part 7: 2022	g/kw- hr	≤ 3.5	0.42
5	Total Hydrocarbon (HC)	EPA METHOD 8440	g/kw- hr	≤ 4.0	0.52
Remark(s)					
<ul style="list-style-type: none"> <li>➤ All above results are well within MPCB Limit.</li> <li>➤ The above results relate only to the item tested.</li> <li>➤ NM- Not specified.</li> </ul>					



  
 Mr. Vinod Hande  
 (Technical Manager)  
 Reviewed & Authorized By

**Terms and conditions**

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- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India till 28/02/2026.

**Pollution Under Control Certificate**

[See rules 115 (2)]

Authorised By :  
Government of Maharashtra

Date : 03/01/2025  
Time : 10:30:00 AM  
Validity upto : 02/01/2026



Certificate SL. No. : MH04600250081965  
Registration No. : MH01DT2655  
Date of Registration : 27/May/2021  
Month & Year of Manufacturing : March-2021  
Valid Mobile Number : \*\*\*\*\*6629  
Emission Norms : BHARAT STAGE VI  
Fuel : PETROL/CNG  
PUC Code : MH0460025  
GSTIN :  
Fees : Rs.125.00  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.3	0.04
	Hydrocarbon, (THC/HC)	ppm	200.0	76.0
High idling emissions	CO	percentage (%)	0.0	0.0
	RPM	RPM	2500 ± 200	0.0
	Lambda		1 ± 0.03	0.0
Smoke Density	Light absorption coefficient	1/metre		

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator

60mm x 20 mm

[See rules 115 (2)]

Pollution Under Control Certificate  
Authorised By :  
Government of Maharashtra

Date : 03/01/2025  
Time : 10:27:33 AM  
Validity upto : 02/07/2025



Certificate SL. No. : MH04600260033565  
Registration No. : MH01BR2538  
Date of Registration : 06/Dec/2016  
Month & Year of Manufacturing : September-2016  
Valid Mobile Number : \*\*\*\*\*3067  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : MH0460026  
GSTIN :  
Fees : Rs.150.00  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO) Hydrocarbon, (THC/HC)	percentage (%) ppm		
High Idling emissions	CO RPM Lambda	RPM percentage (%)	2500 ± 200 1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.32

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm



Scanned with OKEN Scanner

## Form 59

[See rules 115 (2)]

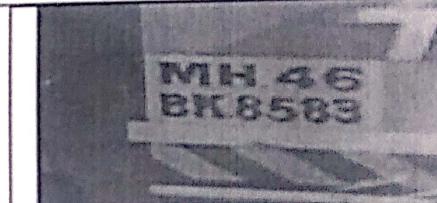
**Pollution Under Control Certificate**Authorised By :  
Government of Maharashtra

Date : 27/12/2024  
 Time : 13:22:51 PM  
 Validity upto : 26/06/2025



Certificate SL. No.  
 Registration No. : MH04600260033364  
 Date of Registration : MH46BK8583  
 Month & Year of Manufacturing : 21/Jun/2019  
 Valid Mobile Number : May-2019  
 Emission Norms : \*\*\*\*\*5944  
 Fuel : Bharat Stage III (CEV)  
 PUC Code : DIESEL  
 GSTIN : MH0460026  
 Fees : Rs.150.00  
 MIL observation : No

Vehicle Photo with Registration plate  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.18

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator  
 60mm x 20 mm



Scanned with OKEN Scanner

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

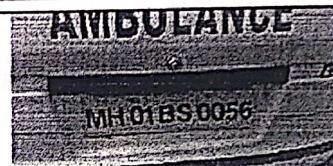
Authorised By :  
Government of Maharashtra

Date : 15/01/2025  
Time : 09:55:59 AM  
Validity upto : 14/07/2025



Certificate SL. No. : MH04600030059464  
Registration No. : MH01BS0056  
Date of Registration : 21/Jul/2014  
Month & Year of Manufacturing : July-2014  
Valid Mobile Number : \*\*\*\*\*0372  
Emission Norms : BHARAT STAGE III  
Fuel : PETROL  
PUC Code : MH0460003  
GSTIN :  
Fees : Rs.125.00  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.5	0.1
	Hydrocarbon, (THC/HC)	ppm	750.0	114.0
High idling emissions	CO	percentage (%)	0.0	0.0
	RPM	RPM	2500 ± 200	0.0
Smoke Density	Lambda	-	1 ± 0.03	0.0
	Light absorption coefficient	1/metre		

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator  
60mmx20 mm



Scanned with OKEN Scanner

**ANNEXURE 3**

**Sanitary and Hygiene Measures**

- Toilets are provided to construction workers.
- Separate storage tanks for storage of domestic and Drinking water have been provided.
- Solid waste is being disposed daily to municipal collection system.
- Separate arrangements for workers for having lunch. The provided separate area is maintained in hygiene point of view.
- Workers health will be regularly monitored and even Health insurance is provided.
- All construction activity will be followed strictly with guideline of safety measures to assure worker's health and safety.

# **ANNEXURE NO. 4**

**AIR, NOISE, SOIL & WATER MONITORING REPORTS**

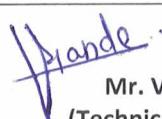
Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/AAQM/2025-26/05/1872	<b>Report Date</b>	21.05.2025
<b>Sample ID: -</b>	GESEC/PRO/AAQM/2025-26/05/1872		
<b>Name &amp; Address of the Customer</b>	<b>M/s. CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME</b> Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO		
<b>Ambient Air Sample Details</b>			
<b>Type</b>	<b>Sampling Location</b>	<b>Sampling done by</b>	
Ambient Air	Near Main Gate	Nayansrushti Envirocare Group	
<b>Sampling Time</b>			
<b>Start Time</b>	<b>Stop Time</b>	<b>Total Hrs.</b>	
11.20 am	07.20 pm	8 Hrs.	
<b>Metrological Data/Environmental Conditions</b>			
Ambient Temperature °C	36	Wet Bulb Temperature °C	30
Dry Bulb Temperature °C	31	Relative Humidity % RH	73
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>
14.05.2025	15.05.2025	15.05.2025	20.05.2025
<b>Name of Instrument</b>	Fine Dust Sampler	<b>Date of Calibration</b>	06/02/2024
Calibration Certificate No.	235	Due Date of Calibration	05/02/2025
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>NAAQ Standards</b>
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/m <sup>3</sup>	≤ 80
Nitrogen Dioxide (NO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/m <sup>3</sup>	≤ 80
Particulate Matter PM <sub>10</sub>	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/m <sup>3</sup>	≤ 100
Particulate Matter PM <sub>2.5</sub>	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/m <sup>3</sup>	≤ 60
Ozone(O <sub>3</sub> ) For 1 Hrs.	CPCB Guidelines, Volume I ,36/2012-13, Page no. 31	µg/m <sup>3</sup>	≤ 180
Ammonia (NH <sub>3</sub> ) For 24 Hrs.	CPCB Guidelines, Volume I ,36/2012-13, Page no. 35	µg/m <sup>3</sup>	≤ 400
Carbon Monoxide (CO)	CPCB Guidelines, Volume II, 37/2012-13, Page no. 16	µg/M <sup>3</sup>	≤ 04
Benzene (C <sub>6</sub> H <sub>6</sub> )	Method TO-17	µg/M <sup>3</sup>	≤ 05
Benzo(a)Pyrene (BaP)	CPCB Guidelines, Volume I , 36/2012-13, Page no. 40	ng/M <sup>3</sup>	≤ 01
Arsenic (As)	MASA -822 3RD EDITION	ng/M <sup>3</sup>	≤ 06
Nickel (Ni)	MASA -822 3RD EDITION	ng/M <sup>3</sup>	≤ 20
Lead (Pb)	MASA -822 3RD EDITION	µg/M <sup>3</sup>	1.00

**Remark-**

- All above results are within National Ambient Air Quality standards.
- BDL-Below Detectable Limit.

  
 Mr. Vinod Hande  
 (Technical Manager)  
 Reviewed & Authorized By

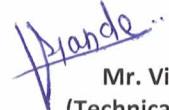
\*\*\*END OF REPORT\*\*\*

Page 1 of 1


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- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved lab by Govt. of India. From date 16/02/2022 to 04/12/2022.

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2025-26/05/1873	Report Date	21.05.2025	
Sample ID: -	GESEC/PRO/AAQM/2025-26/05/1873			
Name & Address of the Customer	M/s. CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near project site	Nayansrushti Envirocare Group		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
11.30 am	07.30 pm	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	36	Wet Bulb Temperature °C	30	
Dry Bulb Temperature °C	33	Relative Humidity % RH	75	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
14.05.2025	15.05.2025	15.05.2025	20.05.2025	
Name of Instrument	Combined Sampler	Date of Calibration	06/02/2024	
Calibration Certificate No.	CC202221000006078F	Due Date of Calibration	05/02/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/m <sup>3</sup>	≤ 80	6.9
Nitrogen Dioxide (NO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/m <sup>3</sup>	≤ 80	14.5
Particulate Matter PM <sub>10</sub>	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/m <sup>3</sup>	≤ 100	61.2
Particulate Matter PM <sub>2.5</sub>	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/m <sup>3</sup>	≤ 60	31.0
Ozone(O <sub>3</sub> ) For 1 Hrs.	CPCB Guidelines, Volume I ,36/2012-13, Page no. 31	µg/m <sup>3</sup>	≤ 180	06.2
Ammonia (NH <sub>3</sub> ) For 24 Hrs.	CPCB Guidelines, Volume I ,36/2012-13, Page no. 35	µg/m <sup>3</sup>	≤400	12.5
Carbon Monoxide (CO)	CPCB Guidelines, Volume II, 37/2012-13, Page no. 16	µg/M <sup>3</sup>	≤ 04	BDL
Benzene (C <sub>6</sub> H <sub>6</sub> )	Method TO-17	µg/M <sup>3</sup>	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Guidelines, Volume I , 36/2012-13, Page no. 40	ng/M <sup>3</sup>	≤ 01	BDL
Arsenic (As)	MASA -822 3RD EDITION	ng/M <sup>3</sup>	≤ 06	BDL
Nickel (Ni)	MASA -822 3RD EDITION	ng/M <sup>3</sup>	≤ 20	BDL
Lead (Pb)	MASA -822 3RD EDITION	µg/M <sup>3</sup>	1.00	BDL
Remark-				
<ul style="list-style-type: none"> <li>➤ All above results are within National Ambient Air Quality standards.</li> <li>➤ BDL-Below Detectable Limit.</li> </ul>				
			 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By	
***END OF REPORT***				

Page 1 of 1

## Terms and conditions

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Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

**TEST REPORT**

Test Report No: -	GESEC/PRO/ANLM/2025-26/05/1874	Report Date	21.05.2025
Sample ID: -	GESEC/PRO/ANLM/2025-26/05/1874	<b>M/s. CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME</b> Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO	

**Ambient Noise Sample Details**

Type	Ambient Noise
Sampling done by	Nayansrushti Envirocare Group
Standard method	As Per IS: 9989:2020

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
14.05.2025	15.05.2025	15.05.2025	20.05.2025

Name of Instrument	Digital Sound Level Meter	Date Of Calibration	10/04/2024
Calibration Certificate No.	ME.2021/10/21/002	Due Date of Calibration	09/04/2025

Test Location	Unit	Average Noise Level Readings	CPCB Standards dB(A)
		Day	
Near Main Gate	dB (A)	65.1	
Near Project Site	dB (A)	62.5	During Day time = 75 dB (A)

**Remark-**

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day -75dB.



 Mr. Vinod Hande  
 (Technical Manager)  
 Reviewed & Authorized By

\*\*\*END OF REPORT\*\*\*



Page 1 of 1

**Terms and conditions**

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4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
6. MoEF approved lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT			
<b>Test Report No:</b> GESEC/PRO/DW/2025-26/05/1875	<b>Date of Reporting</b>	21.05.2025	
<b>Sample ID:</b> GESEC/PRO/DW/2025-26/05/1875	<b>Sample Details</b>	Drinking Water	
<b>Name &amp; Address of the Customer –</b> <b>M/s. CONSTRUCTION OF AFFORDABLE</b> <b>HOUSING UNDER PMAY SCHEME</b> <b>Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi</b> <b>Mumbai (Khandeshwar Creek Side) by CIDCO</b>	<b>Type of Sample</b>	Water	
	<b>Volume Of Sample</b>	1 Lit Plastic Bottle +1 Lit Glass Bottle	
	<b>Sample Status</b>	Sealed	
	<b>Sample Collected By</b>	Nayansrushti Envirocare Group	
	<b>Date of Sample Collection</b>	14.05.2025	
	<b>Date of Sample received in lab</b>	14.05.2025	
	<b>Analysis start Date</b>	15.05.2025	
	<b>Analysis End Date</b>	20.05.2025	
<b>WATER ANALYSIS REPORT</b>			
<b>Parameter</b>	<b>Result</b>	<b>Unit(s)</b>	<b>Standard Method</b>
<b>Physical Parameter</b>			
Turbidity	<0.1	NTU	APHA 2130 B24 th Edition:2023
Total Dissolved Solid	242	mg/lit	APHA 2540 C 24 th Edition:2023
Colour	<5	Hazen	APHA 2120 B 24 th Edition:2023
Odour	Agreeable	mg/lit	APHA 2150 B 24 th Edition:2023
<b>Chemical Parameter</b>			
pH	7.1	--	APHA 4500, H+ B 24 <sup>th</sup> Edition:2023
Total Hardness	92	mg/lit	APHA 2340 C 24 <sup>th</sup> Ed: 2023
Total Alkalinity	95	mg/lit	APHA 2320 B 24 <sup>th</sup> Ed: 2023
Sulphate	10.5	mg/lit	APHA 4500-SO <sub>4</sub> - E 24 <sup>th</sup> Ed: 2023
Residual Chlorine	<0.1	mg/lit	EPA 334.0,
Chloride	13.2	mg/lit	APHA 4500-Cl-B 24 <sup>th</sup> Ed: 2023
Calcium (as Ca)	50	mg/lit	APHA 3500-Ca B 24 <sup>th</sup> Ed: 2023
Magnesium (as Mg)	6.2	mg/lit	IS 3025 (Part 46):2023
<b>Elemental Analysis</b>			
Iron as Fe	<0.1	mg/lit	EPA200.7
<b>Microbiological Parameter</b>			
Total Coliform	Absent	/100 ml	APHA 9222 J 24 th Edition 2023
E.coli	Absent	/100ml	APHA 9222 J 24 th Edition 2023

  
 Mr. Vinod Hande  
 (Technical Manager)  
 Reviewed & Authorized By


\*\*\*END OF REPORT\*\*\*

Page 1 of 1

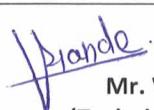
## Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

**TEST REPORT**

<b>Test Report No:</b> GESEC/PRO/PRO/SL/2025-26/05/1876	<b>Date of Report</b>	21.05.2025
<b>Sample ID:</b> GESEC/PRO/PRO/SL/2026-26/05/1876	<b>Date of Sampling</b>	14.05.2025
<b>M/s. CONSTRUCTION OF AFFORDABLE HOUSING UNDER PMAY SCHEME</b> <b>Plot no. 1 and 2 sector 50 and 52 at Kamothe, Navi Mumbai (Khandeshwar Creek Side) by CIDCO</b>	<b>Start Date of Analysis</b>	15.05.2025
	<b>End Date of Analysis</b>	20.05.2025
	<b>Sample Details</b>	soil
	<b>Nature of sample</b>	solid
<b>Sample Collected By</b>	Nayansrushti Envirocare Group	
<b>Parameter</b>	<b>Result</b>	<b>Unit</b>
pH	5.5	--
Chloride as Cl	0.3	meq/l
Sulphates as SO <sub>4</sub>	08	mg/Kg
Electrical Conductivity	220	μs/Cm
Calcium as Ca	0.1	mg/Kg
Magnesium as Mg	0.12	mg/Kg
Total Phosphate	2.0	mg/Kg
Sodium as (Na)	78.8	mg/lit
Available Potassium as K	240	mg/Kg

  
 Mr. Vinod Hande  
 (Technical Manager)  
 Reviewed & Authorized By

\*\*\*END OF REPORT\*\*\*



Page 1 of 1

**Terms and conditions**

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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
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- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoFF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

## ANNEXURE NO. 5 Local News Paper Advertisement Copy

**कवराक्ति**  
मुंबई, बुधवार, १२ आगस्ट २०२०

**सिड्को**  
शहरांचे शिल्पकार

**पर्यावरणविषयक मंजुरी**

सर्व संबंधितांना कळविष्यात येत आहे की, गन्य पर्यावरण प्रभाव मूल्यांकन प्राधिकरण, महाराष्ट्र (एसईआयए) यांच्यातर्फे, प्रधानमंत्री आवास योजने अंतर्गत साकारण्यात येत असलेल्या गृहनिर्माण योजनेच्या खालील बांधकाम स्थळांना पर्यावरणविषयक मंजुरी देण्यात आली असून सदर पर्यावरणविषयक मंजुरी पत्राच्या प्रती या महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांचेकडे तसेच संकेतस्थळावरी पाहण्याकरिता उपलब्ध आहेत.

अ. क्र.	बांधकाम स्थळाचे नाव	तारखेसह एसईआयए यांच्या पर्यावरणविषयक मंजुरी पत्राचा संदर्भ क्रमांक
१	भूखंड क्र. ०२, सेक्टर-५० व भूखंड क्र.०१, सेक्टर-५२, खांदेश्वर रेल्वे स्थानकाजवळ (खांडीच्या बाजूस), करमोठे नोड, नवी मुंबई.	एसआयए/एमएच/एमआयएस/५३१८७/२०२० दिनांक ०८.०२.२०२०

अधीक्षक अभियंता (गृहनिर्माण-१)  
सिड्को/जनसंपर्क/०८९/२०२०-२१

CIN - U99999 MH 1970 SGC-014574  
www.cidco.maharashtra.gov.in

**THE FREE PRESS JOURNAL**  
MUMBAI | WEDNESDAY | AUGUST 12, 2020

**CIDCO**  
WE MAKE CITIES

**ENVIRONMENTAL CLEARANCE**

This is to inform to all concern that the State Environment Impact Assessment Authority (SEIAA), Maharashtra has granted Environmental Clearance to following sites under PMAY Housing Scheme & copy of Environmental clearance letters are available with Maharashtra Pollution Control Board and may also be seen at website at <http://parivesh.nic.in> & is also available at CIDCO website.

S. N.	Name of site Location	Reference No. of SEIAA sanction letter for EC with date
1	Plot No. 2, Sector-50, Near Khandeshwar Railway Station, (Greek side) Kamothe Node, Navi Mumbai.	SIA/MH/MIS/51387/2020 dated 08.07.2020

Superintending Engineer (Housing -I)  
CIDCO/PR/077/2020-21

CIN - U99999 MH 1970 SGC-014574  
www.cidco.maharashtra.gov.in

**CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED**

(CIN - U99999 MH 1970 SGC - 014574)

**REGD. OFFICE:**

"NIRMAL", 2nd Floor, Nariman Point,  
 Mumbai - 400 021.  
 PHONE : 00-91-22-6650 0900  
 FAX : 00-91-22-2202 2509

**HEAD OFFICE:**

CIDCO Bhavan, CBD Belapur,  
 Navi Mumbai - 400 614.  
 PHONE: 00-91-22-6791 8100  
 FAX : 00-91-22-6791 8166

**Ref. No.**

CIDCO/EE(TP-I)/2020/ - 218

**Date :**

14.07.2020

**To,**

M/s. Nayansrushti Foundation,  
 Shop No. 32/1, Fl No.10,  
 Sharda Complex, Ambegaon Bk,  
 Pune, Maharashtra,  
 India, 411046.

Sub: Regarding submission of Environment clearance copy.

Dear Sir,

We M/s, City & Industrial Development Corporation of Maharashtra LTD. (M/s. CIDCO LTD.) are developer of PMAY housing scheme. The construction project is located at Plot No. 01 and 02, Sector-50 & 52, Kamothe Node, Navi Mumbai (Package-III), Khandeshwar (Creek side), Taluka-Panvel, Dist.-Raigad, State- Maharashtra. An Environment clearance (EC) for our project was accorded by the Environment Department, Maharashtra vide clearance letter EC letter No. SIA/MH/MIS/53187/2020, granted date - 08.07.2020.

As per specific conditions mentioned in the Environmental clearance (EC) we have to submit EC copy to Local NGO and submit acknowledgment copy to member secretary, SEIAA. Accordingly, we hereby submit the EC copy to you for reference. This for your information and record please.

Thanking you,

Yours Sincerely,

Executive Engineer (TP-I)  
 CIDCO Ltd., 4<sup>th</sup> Floor, Raigad Bhavan,  
 CBD Belapur – 400 614.  
 (Project Proponent)



Releaved  
 16/07/2020