

Compliance Status Report up to 30th Nov of Environmental Clearance for Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot no. 3, Sector-16, near Kharkopar Railway Station, Ulwe Node, Navi Mumbai, Taluka - Panvel, District-Raigad



Environment Compliance Report

SPECIFIC CONDITIONS

SPECIFIC CONDITIONS	
1	PP to submit & upload copy of LOI received for proposed project.
2	PP to submit Undertaking from CIDCO regarding nodal STP of CIDCO is sufficing for additional capacity of the project.
3	PP have provisional NOC, PP to submit the CFO NOC
4	PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority
5	PP to submit clear design & permission of storm water drain approved by SWD department of local body
6	PP to incorporate biodiversity mitigation measures suggested in EIA should be incorporated in planning & implement the same.
7	PP to revise the wind analysis considering the stilt also
8	PP to provide more mitigation measures to reduce the heat island effect
9	Committee noted that, as sewer is directly connected to nodal STP, PP i.e., local planning authority (CIDCO) to recycle that sewerage & use treated wastewater for flushing, gardening etc. minimum to 65%
10	PP to provide mitigation measures to reduce noise pollution
11	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC
12	PP to ensure that CER plan gets approved from Municipal Commissioner.
13	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-1A.111 dt.04.01 .2019.
14	SEIAA decided to grant EC for FS1:179422.97 m2, Non- FS1:159728.98 m2 and Total BIJA: 339151.95 m2 (Plan Approval no-LOI no CIDCO/SR.Arch(BP-IHP)2019/354, dated- 08.08 2019)

All documents related to Special conditions already submitted on portal



Environment Compliance Report

GENERAL CONDITIONS

Point 1:- E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016

Not Applicable



Environment Compliance Report

GENERAL CONDITIONS

Point 2:- The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms

As of now construction work in progress

GENERAL CONDITIONS

Point 3:- This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the 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.

Not Applicable



Environment Compliance Report

GENERAL CONDITIONS

Point 4:- PP has to abide by the conditions stipulated by SEAC& SEIAA.

For Info.

Environment Compliance Report

GENERAL CONDITIONS

Point 5:- 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 to 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.

Architect
Hafeez
Contractor

Letter No: AHC_CIDCO_PKG-IV_511

Date: 19th May, 2022

To Whom It May Concern,

Subject: Proposed Mass Housing Scheme on Plot no 03, Sector 16A, Kharkopar (East), at Ulwe, Navi Mumbai for CIDCO LTD. (UNDER PMAY)

Proposal No. CIDCO/BP-IHP/2019/119

Ref. No. CIDCO/SR.ARCH.(BP-IHP)/2020/357-R1

Date: 13/05/2020

Sir,

Attached below is the details of Proposed Mass Housing Scheme on Plot no 03, Sector 16A, Kharkopar East, at Ulwe, Navi Mumbai for the Residential and Comm. Buildings. with reference to LOI letter no CIDCO/SR.ARCH.(BP-IHP)/2020/357-R1

Preamble of the said proposal is as given below:-

1.	Name of the Owner	Superintendent Engineer (AP-I & HSG)		
2.	Name of the Developer	CIDCO Ltd.		
3.	Property Details	Plot no 03, Sector 16A, at Kharkopar (East), at Ulwe, Navi Mumbai.		
4.	Area Statement			
a.	Plot area	48167.81 Sq. Mt.		
b.	Permissible F.S.I.	2.3		
c.	Permissible BUA	102336.6 Sq. Mt.		
d.	Proposed BUA (F.S.I. Area)	80737.19 Sq. Mt.		
e.	BUA under Free of F.S.I.	76932.49 Sq. Mt.		
f.	Total Construction Area	157639.69 Sq.Mt.		
5.	Number of Buildings	Type	Nos.	Floors Height
		EWS-A (R)	21 Bldgs.	Gr + 14 47.50 Mtrs.
6.	R.S. Area	7671.98 SQ.M. (16%)		
7.	Permissible Height of Buildings as per Height clearance:	35.10 Mtrs.		

HAFEEZ CONTRACTOR
A. I.I.A. G.D Arch. M.S Arch & U.D (USA)
Ph.D (Hon) Arch. Ph.D (Hon) Housing

Architect
Hafeez
Contractor

8.	No. Of trees to be Planted	1 tree / 100 Sq.mt of plot area (GDCR) – 482 No. 1 tree/ 80 Sq.mt of Plot area (MOEF) – 602 No. Proposed Tree Plantation – 1380 No.	
9.	Number and Area Of Basement.	N.A.	
10.	Number and Area Of Podium	N.A.	
11.	Right of way (width of the road from nearest fire Station)	24.0m Wide ROW	
12.	Width of all internal road	12m, 9.00m and 6m Wide driveway	
13.	Parking	Cars	Required Parking Spaces = 680 Nos. Proposed Parking Spaces = 693 Nos.
		Bikes	Required Parking Spaces = 68 Nos. Proposed Parking Spaces = 84 Nos.
14.	Tenements	Commercial - 36 Nos. Residential - 1332 Nos.	
15.	Community Centre Area	257.300 Sq. Mt.	

Thanking you,

Yours faithfully,



Mubashir Jabir
Associate


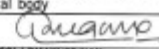
HAFEEZ CONTRACTOR
A. I.I.A. G.D Arch. M.S Arch & U.D (USA)
Ph.D (Hon) Arch. Ph.D (Hon) Housing

Environment Compliance Report

GENERAL CONDITIONS

Point 6:- 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

Attached Copy

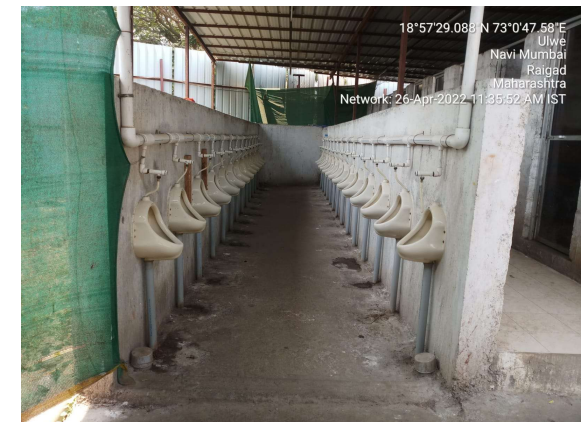
MAHARASHTRA POLLUTION CONTROL BOARD				
Tel: 24010706/24010437 Fax: 24023516 Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in			Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022	
No:- Format1.0/CAC-CELL/UAN No.000093638/CE - 2011000786		Date: 12/11/2020		
To, City Industrial Development Corporation of Maharashtra Ltd (CIDCO), Pradhan Mantri Awas Yojana (PMAY) Housing Scheme, At. Plot No. 3, Sector-16A, Near Kharkopar Railway Station (East), Ulwe Node, Navi Mumbai, Tal. Panvel, Dist. Raigad.				
Sub: Consent to Establish for proposed Residential/Commercial Construction project under Pradhan Mantri Awas Yojana (PMAY) Housing Scheme under L.S.I Red Category				
Ref: 1. Minutes of Consent Appraisal Committee meeting held on 18/09/2020.				
Your application NO. MPCB-CONSENT-000093638				
For: Grant of Consent to Establish under Section 23 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:				
<ol style="list-style-type: none"> The Consent to Establish is granted for a period upto commissioning of project The capital investment of the project is Rs.382.83 Crs. (As per undertaking submitted by pp). The Consent to Establish is valid for Residential/Commercial Construction project under Pradhan Mantri Awas Yojana (PMAY) Housing Scheme named as City Industrial Development Corporation of Maharashtra Ltd (CIDCO), Pradhan Mantri Awas Yojana (PMAY) Housing Scheme, At. Plot No. 3, Sector-16A, Near Kharkopar Railway Station (East), Ulwe Node, Navi Mumbai, Tal. Panvel, Dist. Raigad. on Total Plot Area of 48,167.81 SqMtrs for construction BUA of 1,57,689.68 SqMtrs including utilities and services. Conditions under Water (P&CP), 1974 Act for discharge of effluent: 				
Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	Nil	Nil
2.	Domestic effluent	680	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body
				

Environment Compliance Report

GENERAL CONDITIONS

Point 7:- All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase

Attached Photos



Environment Compliance Report

GENERAL CONDITIONS

Point 8:-Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured

Attached Photos

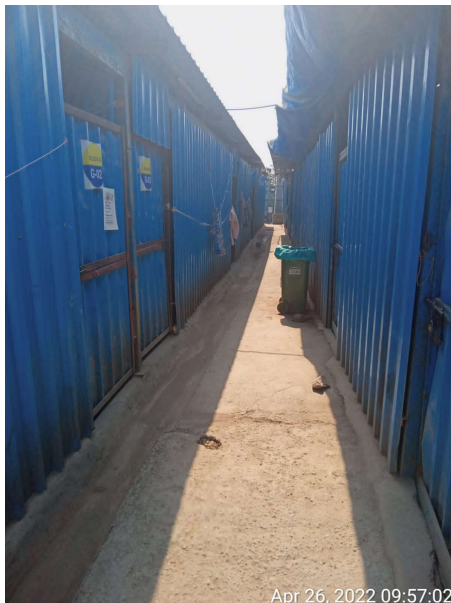


Environment Compliance Report

GENERAL CONDITIONS

Point 9:-The solid waste generated should be properly collected and segregated. DIY/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material

Attached Photos



GENERAL CONDITIONS

Point 10:- Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority

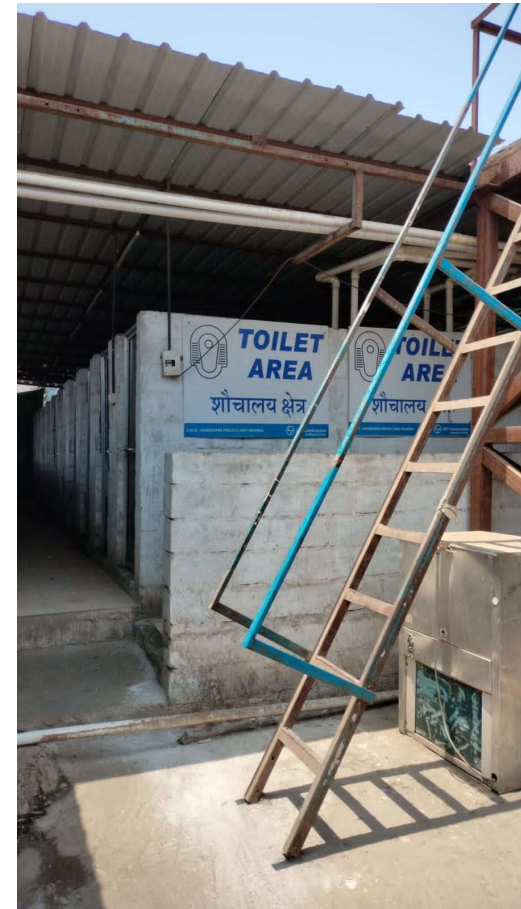
All excavated soil has been stocked at site premises only.



GENERAL CONDITIONS

Point 11:- Arrangement shall be made that wastewater and storm water do not get mixed

Toilets are isolated in location away from project.



GENERAL CONDITIONS

Point 12:- All the topsoil excavated during construction activities should be stored for use in horticulture/
Landscape development within the project site

Attached Photos



GENERAL CONDITIONS

Point 13:- Additional soil for leveling 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.

Levelled soil photo attached





Environment Compliance Report

GENERAL CONDITIONS

Point 14:- Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept

Landscape drawing development in progress

Environment Compliance Report

GENERAL CONDITIONS

Point 15:- 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 expenditure should reported to the MPCB & this department.

Attached Report



BUREAU VERITAS

Page 1 of 1



NABL Accredited Lab

Test order / Report No. BV/PL / WATER : 25941C/06/11/2021_1
Date of Receipt : 02-01-2021
TEST REPORT

LARSEN & TOUBRO LIMITED.
1 and 7 Business Towers, 5th Floor, Wing B, Salt Vihar Road, Powai,
Mumbai-400072

Date : 11-01-2021
URL-TC549121005003281F
CHEMICAL TESTING

TEST REPORT ON ANALYSIS OF WATER

Source of sample	Sample supplied by the Customer.
No of Samples Tested	01 (One only)
UN	21000059
Identification #	Ground Water
Customer's Reference	L&T/B&F/R&B/F/OD/GO/QUALITY/MKP/01A, dt.11.12.2020
Project #	CIDCO Project
Sample ID #	Plot2 / T3
Lab Reference No.	2021/Jan/2100043
Condition of Sample	Satisfactory
Period of Test	04-01-2021 to 07-01-2021
Test Method	IS-456-2000 and IS- 3025 (Part 11, 15, 17, 18, 22, 23, 24, 32)-1983

Sl.No	Particulars	Results	Stipulations of IS:456-2000 (Revised 2011) (water for construction purposes)
1	Quantity of 0.02N NaOH required to neutralise 100ml of water sample using phenolphthalein as an indicator	1.00 ml ✓	Shall not be more than 5 ml
2	Quantity of 0.02N H ₂ SO ₄ required to neutralise 100ml of water sample using mixed indicator	24.00 ml ✓	Shall not be more than 25ml
3	Chlorides as Cl ⁻	132.00 mg/l ✓	500 mg/l max. for RCC 2000 mg/l max. for PC
4	Sulphates as SO ₄	142.00 mg/l ✓	400 mg/l max.
5	Inorganic Solids	1,074.00 mg/l ✓	3000 mg/l max.
6	Suspended matter	21.00 mg/l ✓	2000 mg/l max.
7	Organic Solids	479.00 mg/l ✓	200 mg/l max.
8	pH Value	7.72 ✓	Shall not be less than 6

As furnished by the customer

Note :

- The Report relates only to the samples tested.
- Report shall not be reproduced, except in full, without the written approval of the lab.
- Any correction invalidates this report.

for **BUREAU VERITAS (INDIA) PRIVATE LIMITED**
Construction Services Laboratory
Dinesh Galkwad



[Signature]
Lab Manager-Chemical
Authorized Signatory



Ground Water @ 10m x 17.5 Plot 2

Sample for Rec OK

for Rec report

SB

ROBINSON

L&T office

Bureau Veritas (India) Pvt. Ltd. - Construction Services Laboratory
Plot No. B1/04, TTC Ind. Area, Old Thane Belpur Road, M.I.D.C., Digha, Navi Mumbai - 402 708, INDIA
Tel: +91 22 26954670 • sales.mumbai@bureauveritas.com | info@lab.mumbai@bureauveritas.com • www.bureauveritas.com
CID: U74110MH200211TC114262
http://103.57.125.31/bv/vpl/print_water.php?report_type=multiple&job_id=406249&t... 11-Jan-21



Environment Compliance Report

GENERAL CONDITIONS

Point 16:- 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

Not Applicable



Environment Compliance Report

GENERAL CONDITIONS

Point 17:- Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board

Not Applicable

Environment Compliance Report

GENERAL CONDITIONS

Point 18:- 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

Not used at site , Power is 100 % on MSEDCCL attached Photos



Environment Compliance Report

GENERAL CONDITIONS

Point 19:- The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken

Not used at site , Power is 100 % on MSEDCCL



Environment Compliance Report

GENERAL CONDITIONS

Point 20:- Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

Attached Report


Transport Department, Karnataka Page 1 of 1

COMPUTERISED POLLUTION UNDER CHECK CENTERS (Rule 231(B)(8) of KMV Rules 1989)

License No: 1809/2018-10
Center Name: J.M.J ETC
 Shop No.A1, Survey No.183 & Center 194,Anekal Chandapura Main
 Address : Anekal, Near STD Office, Hanuman, Bengaluru-562106

Customer Name: EMI INFRASTRUCTURE PVT LTD
Customer Mobile: 9560291113
Pucc No: D1331KA102894

Vehicle No: KA591601
Year of Regn: 28-03-2018
Type of Vehicle: TRANSPORT VEHICLE
Make: Ashok Leyland Ltd
Model: 2918
Test Date: 07-11-2020
Time: 17:08
Valid Upto: 01-08-2021

Photo of Vehicle


Test Data

Flushing Cycle			
Avg	RPM Min	(PM Max	Temp
0776	1028		074

Slno	RPM Min	RPM Max	km	HSU% Temp
1	0870	1990	0.28	11.34 074
2	0810	2160	0.28	11.34 074
3	0710	2160	0.28	11.34 074
Flush			0.28	11.34

Free Limit for Diesel vehicle (Light Absorption Co-efficient) **Start/Idle** (Idle %)

Free Acceleration	2.48	63
-------------------	------	----

This Vehicle meets Emission Standards Prescribed by Rule 133(2) of CMVR 1989. Certificate is All India valid, Six Months for Bharat Stage III of engine and one year for Bharat Stage IV vehicles.

Seal of Testing Station **Testing Station Code** D1331 **Authorized Signatory**

KINDLY DESTROY THE OLD CERTIFICATE & DO NOT HAND OVER TO ETC IN ANY CIRCUMSTANCES.
 "Penalty for Air Pollution" Not exceeding for Rs. 1000 for the 1st offence and Not exceeding for Rs. 2000 for the 2nd & subsequent offence.

http://202.138.105.37/dest_webapp/Spoc=D1331KA101694&CID=Sys001229&logst=8... 11/2/2020

Environment Compliance Report

GENERAL CONDITIONS

Point 21:- 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

Attached Report



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&ISO/HSAS 18001:2007
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24/04/2024
Laboratory: P-1, MIDC Mohopada, P.O. Raseyni, Dist. Raigad Pin 410207
Tel: 02192 252008, CIN: U74999MH2001PTC132091



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&ISO/HSAS 18001:2007
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24/04/2024
Laboratory: P-1, MIDC Mohopada, P.O. Raseyni, Dist. Raigad Pin 410207
Tel: 02192 252008, CIN: U74999MH2001PTC132091



Ambient Air Quality Test Report				
Ref. No.: AESPL/LAB/A-21/06/09		Issue Date: 10/06/2021		
Name of Client	M/s. L&T Construction, CIDCO Housing Project - Kharkopar, Navi Mumbai			
Name of Site	CIDCO HOUSING PROJECT, Kharkopar Navi Mumbai			
Nature of sample	Ambient Air			
Location of sample	Plot No. 2, Gate No. 1			
Sample identification number	A- 21/06/09			
Sample Quantity & Container	SO ₂ : 1 Bottle x 30 ml; NO _x : 1 Bottle x 30 ml; PM ₁₀ : 1			
Date of sampling	03/06/2021			
Start Time of sampling	09:30 hrs			
Sampling period	8 hrs			
Date of sample receipt	04/06/2021			
Date of sample analysis	04/06/2021-09/06/2021			
Environmental condition	Climate clear		Ambient temp. 34°C	
Monitored & transported by	AESPL			
Sampling equipment	Air Sampler RDS-I-03			
Calibration status	Calibrated on 01/01/2021 Calibration due on 31/12/2021			
Project / Job number	EK337/WOD1000178 dtd 14 Mar 2021			
Reference of sampling	AESPL/LAB/OR/7.3.3/R-02			
Method of sampling & preservation	AESPL/LAB/SOP/7.3.1/A-01			
Sr.No.	Parameter	Result	Limits #	Unit
1.	SO ₂	15.9	80*	µg/m ³
2.	NO _x	24.9	80*	µg/m ³
3.	PM ₁₀	65.4	100*	µg/m ³
4.	CO	0.47	04**	mg/m ³
				IS:5182 (part 10) RA2019

[*] Specified under National Ambient Air Quality Standards by CPCB;

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] annually monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

Note:

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



Chetan A Kadam
(Authorized Signatory - Pollution & Environment)

-End of Test Report-

Noise Quality Test Report

Ref: AESPL/LAB/N-21/06/08 Issue Date: 10/06/2021

Name of the client	M/s. L&T Construction, CIDCO Housing Project - Kharkopar, Navi Mumbai	
Name of site	CIDCO HOUSING PROJECT, Kharkopar Navi Mumbai	
Monitoring date	04/06/2021	
Environmental Condition	Climate clear; Ambient temp. 34°C	
Monitored & transported by	AESPL	
Project / Job number	EK337/WOD1000178 dtd 14 Mar 2021	
Reference of sampling	AESPL/LAB/OR/7.3.3/R-02	
Method of sampling	IS 9989 RA-2014	
Instrument number	Noise meter - Centre C-390 SL-1-07	
Calibration status	Calibration details: 04/11/2020 to 03/11/2021	
Sr. No.	Location	Noise Day Time dB(A) Leq
1.	Gate-1, plot no 2- Main gate	59.2
2.	Plot-2 EA-03	62.1
3.	Plot-2 EA-02	63.8
4.	Plot-2 Execution area	69.8
5.	Plot-3 Gate no. 4 main gate	68.9
6.	Plot-3 Gate no. 2 main gate	65.8
7.	Plot-3 Cluster-3	68.6
8.	Plot-3 Cluster-4	66.9
9.	Plot-3 Gate no 3	61.4
10.	Plot-3 Cluster-5	69.2
11.	Plot-3 Cluster-2	71.0
12.	Main office area	56.1
13.	UGT-01, plot-3	72.4
Limit as per EP Act for Industrial area		75

Remark: Noise Levels at all the locations were found to be below the stipulated limits

Note:

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- Results relate only to the items tested



Chetan A Kadam
(Authorized Signatory - Pollution & Environment)

-End of Test Report-

GENERAL CONDITIONS

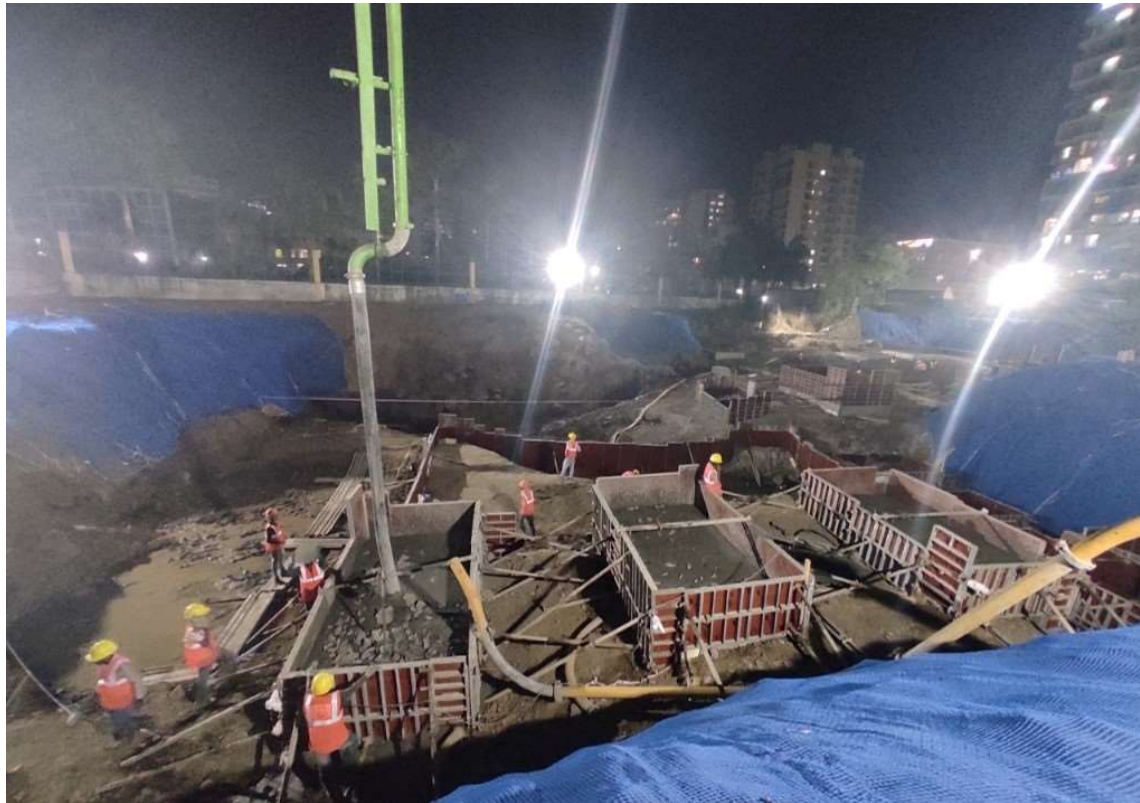
Point 22:- Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations). XX111. Ready mixed concrete must be used in building construction.

Not Applicable

GENERAL CONDITIONS

Point 23:- Ready mixed concrete must be used in building construction.

Attached Photos





Environment Compliance Report

GENERAL CONDITIONS

Point 24:- Storm water control and its re-use as per CGWB and BIS standards for various applications

Not Applicable

Environment Compliance Report

GENERAL CONDITIONS

Point 25:- Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

Using Coaltar as curing compound as well as Waterproofing agent. Attached Photos



Environment Compliance Report

GENERAL CONDITIONS

Point 26:-The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority

Attached Report



BUREAU VERITAS

Page 1 of 1



NABL Accredited Lab

Test order / Report No. BV/PL / WATER : 25941C/06/11/2021_1
Date of Receipt : 02-01-2021
TEST REPORT

LARSEN & TOUBRO LIMITED..
1 and 11 Business Towers, 5th Floor, Wing B, Salt Vihar Road, Powai,
Mumbai-400072

Date : 11-01-2021
URL-TC54912100500281F
CHEMICAL TESTING

TEST REPORT ON ANALYSIS OF WATER

Source of sample	Sample supplied by the Customer.
No of Samples Tested	01 (One only)
UN	21000059
Identification #	Ground Water
Customer's Reference	L&T/B&F/R&B/F/ODPO/QUALITY/MKP/01A, dt.11.12.2020
Project #	CIDCO Project
Sample ID #	Plot2 / T3
Lab Reference No.	2021/Jan/2100043
Condition of Sample	Satisfactory
Period of Test	04-01-2021 to 07-01-2021
Test Method	IS: 456-2000 and IS: 3025 (Part 11, 15, 17, 18, 22, 23, 24, 32)-1983

Sr.No	Particulars	Results	Stipulations of IS:456-2000 (Revised 2011) (water for construction purposes)
1	Quantity of 0.02N NaOH required to neutralise 100ml of water sample using phenolphthalein as an indicator	1.00 ml ✓	Shall not be more than 5 ml
2	Quantity of 0.02N H ₂ SO ₄ required to neutralise 100ml of water sample using mixed indicator	24.00 ml ✓	Shall not be more than 25ml
3	Chlorides as Cl ⁻	132.00 mg/l ✓	500 mg/l max. for RCC 2000 mg/l max. for PC
4	Sulphates as SO ₄	142.00 mg/l ✓	400 mg/l max.
5	Inorganic Solids	1,074.00 mg/l ✓	3000 mg/l max.
6	Suspended matter	21.00 mg/l ✓	2000 mg/l max.
7	Organic Solids	479.00 mg/l ✓	200 mg/l max.
8	pH Value	7.72 ✓	Shall not be less than 6

As furnished by the customer

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for **BUREAU VERITAS (INDIA) PRIVATE LIMITED**
Construction Services Laboratory
Dinesh Galikwad




Lab Manager-Chemical
Authorized Signatory

Ground Water @ 10m x 7.5
 Sample
 Force OK
 For Rec. w/strat
 SB
 Robinson
 L&T Office

Bureau Veritas (India) Pvt. Ltd. - Construction Services Laboratory
Plot No. B1/04, TTC Ind. Area, Old Thane Bypass Road, M.I.D.C., Digha, Navi Mumbai - 402 708, INDIA
Tel: +91 22 50954670 • sales.mumbai@bureauveritas.com | info@lab.mumbai@bureauveritas.com • www.bureauveritas.com
CID: U74110MH2002PTC114262
http://103.57.125.31/bvpriv/print_water.php?report_type=multiple&job_id=406249&t... 11-Jan-21

Environment Compliance Report

GENERAL CONDITIONS

Point 27:- 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. Discharge of this unused treated effluent if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated effluent if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP

Attached Photos





Environment Compliance Report

GENERAL CONDITIONS

Point 28:- Permissions to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project

No Water is drawn from ground

Environment Compliance Report

GENERAL CONDITIONS

Point 29:- Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water

Attached Drawing





Environment Compliance Report

GENERAL CONDITIONS

Point 30:- 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.

Material Selection in process



Environment Compliance Report

GENERAL CONDITIONS

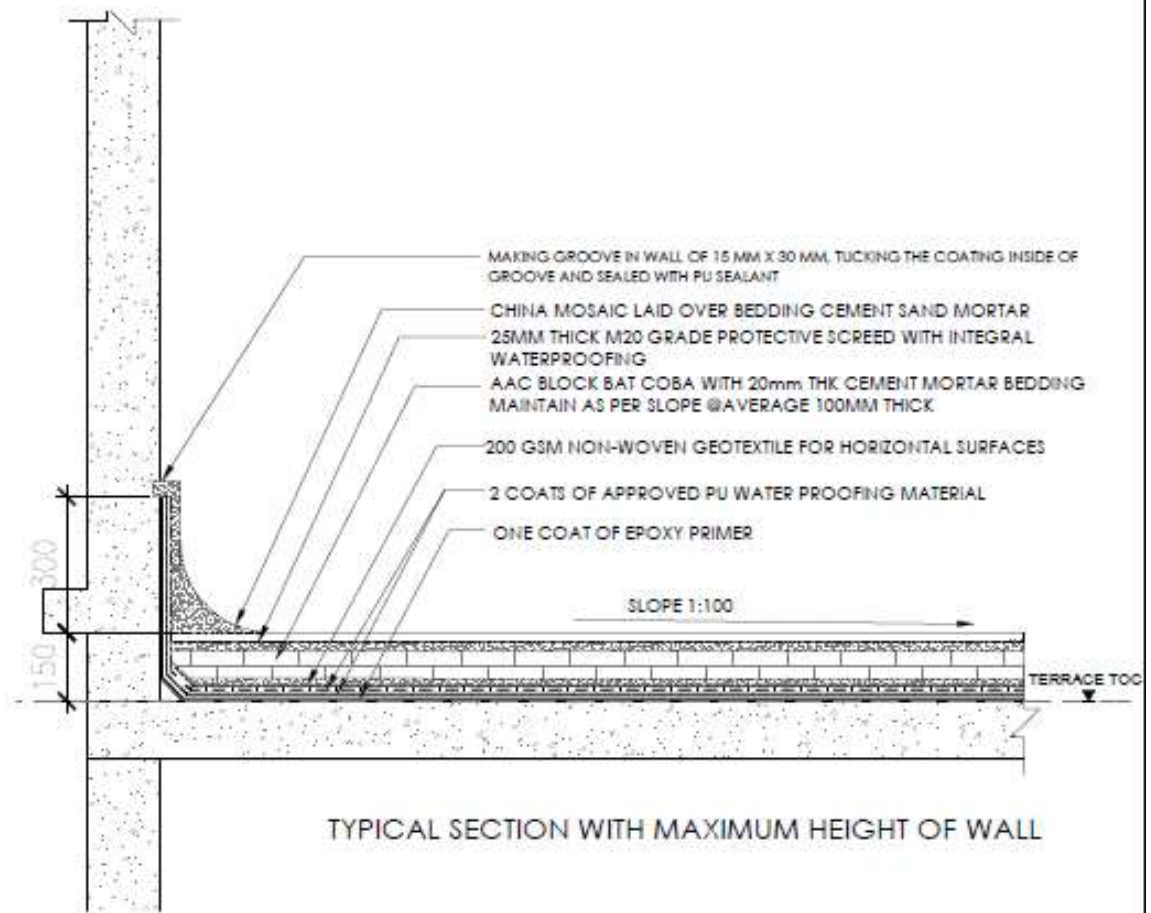
Point 31:- Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.

Will be implemented in the proposed Commercial building once façade is finalized.
For Residential buildings not applicable.

GENERAL CONDITIONS

Point 32:- Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.

Attached drawings.



GENERAL CONDITIONS

Point 33:- 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 streetlights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.

Attached Photos of LED lights



GENERAL CONDITIONS

Point 34:- 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.

Material Selection in process

Environment Compliance Report

GENERAL CONDITIONS

Point 35:- 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.

Attached Report



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&DHMSAS 18001:2007
Recognized by Maharashtra as "Environmental Laboratory" valid up to 24/04/2024
Laboratory: P-1, MIDC Mohopada, P.O. Essayeni, Dist. Raigad Pin 410207
Tel: 02192 252008, CIn: 0749999620001PTC332091



Noise Quality Test Report

Ref: AESPL/LAB/N-21/06/08 Issue Date: 10/06/2021

Name of the client	: M/s. L&T Construction, CIDCO Housing Project - Kharkopar, Navi Mumbai	
Name of site	: CIDCO HOUSING PROJECT, Kharkopar Navi Mumbai	
Monitoring date	: 04/06/2021	
Environmental Condition	: Climate clear; Ambient temp. 34°C	
Monitored & transported by	: AESPL	
Project / Job number	: EK337WOD1000178 dtd 14 Mar 2021	
Reference of sampling	: AESPL/LAB/OR/7.3.3/R-02	
Method of sampling	: IS 9989 RA:2014	
Instrument number	: Noise meter - Centre C-390 SL-1-07	
Calibration status	: Calibration details: 04/11/2020 to 03/11/2021	
Sr. No.	Location	Noise Day Time dB(A) Leq
1.	Gate-1, plot no 2- Main gate	59.2
2.	Plot-2 EA-03	62.1
3.	Plot-2 EA-02	63.8
4.	Plot-2 Execution area	69.8
5.	Plot-3 Gate no. 4 main gate	68.9
6.	Plot-3 Gate no. 2 main gate	65.8
7.	Plot-3 Cluster-3	68.6
8.	Plot-3 Cluster-4	66.9
9.	Plot-3 Gate no 3	61.4
10.	Plot-3 Cluster-5	69.2
11.	Plot-3 Cluster-2	71.0
12.	Main office area	56.1
13.	UGT-01, plot-3	72.4
Limit as per EP Act for Industrial area		75

Remark: Noise Levels at all the locations were found to be below the stipulated limits

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory
2. Results relate only to the items tested



Chetan A Kadam
(Authorized Signatory - Pollution & Environment)

-End of Test Report-

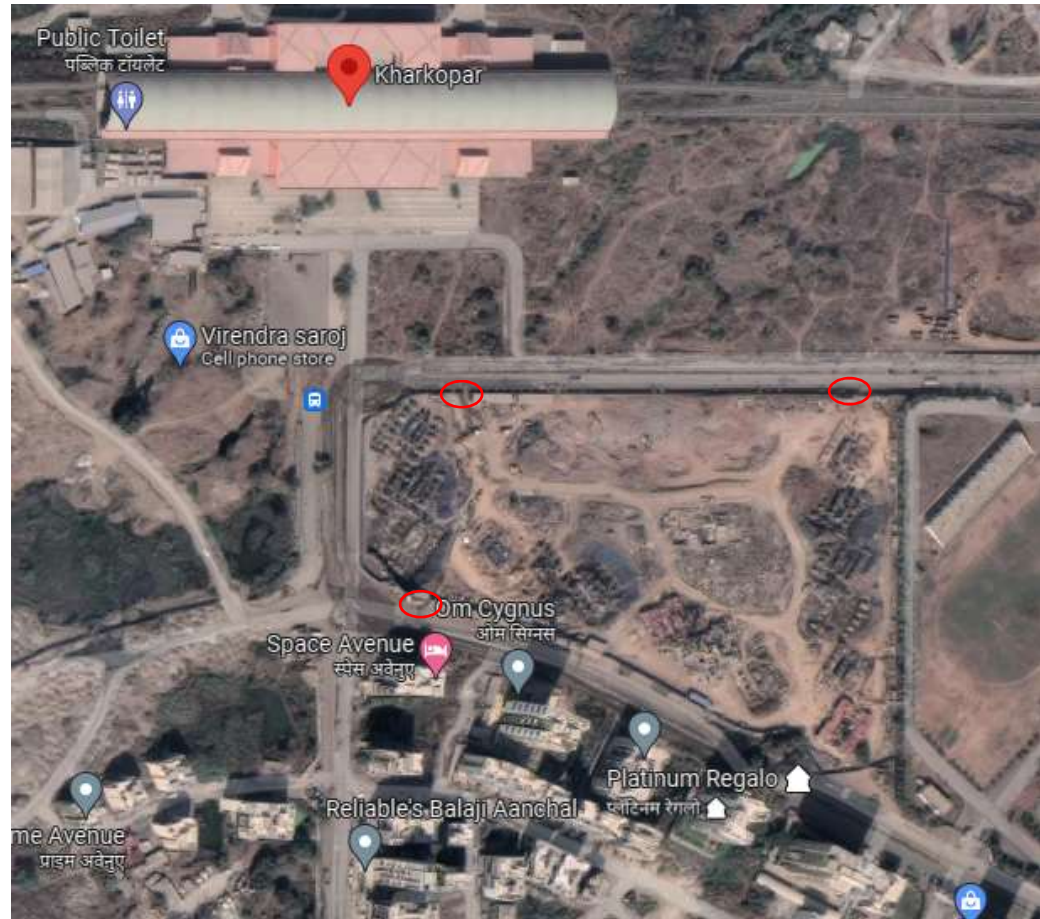
Environment Compliance Report

GENERAL CONDITIONS

Point 36:- 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.

Planned accordingly.

Gate Entry ○



Environment Compliance Report

GENERAL CONDITIONS

Point 38:- The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation

ENVIRONMENTAL MANAGEMENT PLAN LITRA TECH																				
No	Environmental Aspects	Standards	Impacts/Findings of studies	Design Considerations/ Mitigation Measures																
DESIGN SPECIFIC																				
1.	Shadow Analysis: The aim of the study is to assess the potential impact of the development on the neighboring properties which falls under key sunlight sensitive areas.	Not more than 50% of surface area of any building should be shaded for more than 40% time as per BRE standards.	Shadow analysis result shows that the most affected building is Community Centre with an average impact time of 03:42 hrs. The impact is 37% which is lesser than 40% as per BRE standards.	No mitigation measures required.																
No	Environmental Aspects	Standards	Impacts/Findings of studies	Design Considerations/ Mitigation Measures																
DESIGN SPECIFIC																				
2	Wind & Ventilation Analysis: Wind Analysis is done for external environment around the buildings to ensure that all the habitable areas are meeting the required ventilation rates.	Ventilation Requirement as per NBC 2016 has specified minimum ACPH required for various habitable spaces which are as follows: <table border="1" style="margin: 5px auto;"> <thead> <tr> <th>Space</th> <th>Required ACH (NBC 2016)</th> </tr> </thead> <tbody> <tr> <td>Living room</td> <td>3 - 6</td> </tr> <tr> <td>Bedroom</td> <td>2 - 4</td> </tr> <tr> <td>Kitchen</td> <td>4.5</td> </tr> </tbody> </table>	Space	Required ACH (NBC 2016)	Living room	3 - 6	Bedroom	2 - 4	Kitchen	4.5	Wind speed observed at various heights is between 1.10 m/s to 2.50 m/s. Ventilation rates achieved for various spaces are as follows: <table border="1" style="margin: 5px auto;"> <thead> <tr> <th>Space</th> <th>Achieved ACH</th> </tr> </thead> <tbody> <tr> <td>Living room</td> <td>>8</td> </tr> <tr> <td>Bedroom</td> <td>>6</td> </tr> <tr> <td>Kitchen</td> <td>>8</td> </tr> </tbody> </table>	Space	Achieved ACH	Living room	>8	Bedroom	>6	Kitchen	>8	No mitigation measures required.
Space	Required ACH (NBC 2016)																			
Living room	3 - 6																			
Bedroom	2 - 4																			
Kitchen	4.5																			
Space	Achieved ACH																			
Living room	>8																			
Bedroom	>6																			
Kitchen	>8																			

Environment Compliance Report

GENERAL CONDITIONS

Point 38:- The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation

ENVIRONMENTAL MANAGEMENT PLAN																					
No.	Environmental Aspects	Standards	Design Considerations/ Mitigation Measures	Results	Mitigation Measures																
DESIGN SPECIFIC																					
3.	Daylight Analysis: For the daylight simulation, typical flats/units in all the directions at different levels (Lower, Middle and Upper Floors) have been considered. It is to be noted that the DL level achieved in these flats/units are the average weighted lux levels.	Daylight levels available should meet the minimum lighting levels mentioned in SP 41 which are as follows: <table border="1" data-bbox="619 982 882 1201"> <thead> <tr> <th>Space</th> <th>Required lux levels (SP 41)</th> </tr> </thead> <tbody> <tr> <td>Living room</td> <td>50</td> </tr> <tr> <td>Bedroom</td> <td>152</td> </tr> <tr> <td>Kitchen</td> <td>200</td> </tr> </tbody> </table>	Space	Required lux levels (SP 41)	Living room	50	Bedroom	152	Kitchen	200	Design recommendations are as follows: <ul style="list-style-type: none"> • Light colored exterior surfaces of Proposed Buildings. • Light coloured wall, ceilings and floor finishes. • Light coloured grid pavers / tiles / roads for hardscaping around the Proposed Buildings. • Window Glass with visual light transmission of 45% in Proposed Buildings. 	After consideration of the recommendations the project is achieving an average weighted lux levels of more than 200 lux in all habitable spaces which is higher than the requirement <table border="1" data-bbox="1218 1079 1512 1242"> <thead> <tr> <th>Space</th> <th>Achieved lux levels</th> </tr> </thead> <tbody> <tr> <td>Living</td> <td>215</td> </tr> <tr> <td>Bedroom</td> <td>235</td> </tr> <tr> <td>Kitchen</td> <td>225</td> </tr> </tbody> </table>	Space	Achieved lux levels	Living	215	Bedroom	235	Kitchen	225	No Mitigation Measures required.
Space	Required lux levels (SP 41)																				
Living room	50																				
Bedroom	152																				
Kitchen	200																				
Space	Achieved lux levels																				
Living	215																				
Bedroom	235																				
Kitchen	225																				

GENERAL CONDITIONS

Point 38:- The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation



ENVIRONMENTAL MANAGEMENT PLAN

ULTRA TECH

No	Environmental Aspects	Standards	Impacts / Findings of studies	Design Considerations/ Mitigation Measures
DESIGN SPECIFIC				
4.	Heat Island Effect Analysis: An urban heat island is a climatic phenomenon in which urban areas have higher air temperature than their rural surroundings as a result of anthropogenic modifications of land surfaces, significant energy use and its consequent generation of waste heat.	There are no standards as such to measure the Heat Island Effect impact. But the comparison between Base Case & Proposed Case can be analyzed in terms of incident Solar Radiation & change in ambient air temperature.	Ambient air temperature may increase from 27.46 °C to 27.50°C i.e., an increase of 0.04°C in temperature due to Proposed Project.	Though ambient temp will increase the solar insolation will decrease, there is reduction in solar insolation on site due to the following proposed measures <ul style="list-style-type: none"> • Mutual shading • Landscape • Solar Panels • China Mosaic Tiles • Shaded Parking • Light coloured Grid pavers • High albedo roads • Light coloured facade
				There is reduction in solar insolation from 4,794 to 3,931 Wh/sq.m. i.e., a reduction of 19.6% with the help of proposed mitigation measures.

Environment Compliance Report

GENERAL CONDITIONS

Point 39:- Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, to avoid disturbance to the surroundings.

Attached report



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&DHMS 18001:2007
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Raseyni, Dist. Raigad Pin 410207
Tel: 02192 252008, CIN: U74999MH2001PTC132091



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&DHMS 18001:2007
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Raseyni, Dist. Raigad Pin 410207
Tel: 02192 252008, CIN: U74999MH2001PTC132091



Ambient Air Quality Test Report

Ref. No:- AESPL/LAB/A-21/06/09		Issue Date: 10/06/2021	
Name of Client	M/s. L&T Construction, CIDCO Housing Project - Kharkopar, Navi Mumbai		
Name of Site	CIDCO HOUSING PROJECT, Kharkopar Navi Mumbai		
Nature of sample	Ambient Air		
Location of sample	Plot No. 2, Gate No. 1		
Sample Identification number	A- 21/06/09		
Sample Quantity & Container	SO ₂ -1 Bottle x 30 ml, NO _x -1 Bottle x 30 ml, PM ₁₀ -1		
Date of sampling	03/06/2021		
Start Time of sampling	09:30 hrs		
Sampling period	8 hrs		
Date of sample receipt	04/06/2021		
Date of sample analysis	04/06/2021-09/06/2021		
Environmental condition	Climate clear Ambient temp. 34°C		
Monitored & transported by	AESPL		
Sampling equipment	Air Sampler RDS-I-03		
Calibration status	Calibrated on 01/01/2021 Calibration due on 31/12/2021		
Project / Job number	EK337/WOD1000178 dtd 14 Mar 2021		
Reference of sampling	AESPL/LAB/OR/7.3.3/R-02		
Method of sampling & preservation	AESPL/LAB/SOP/7.3.1/A-01		
Sr.No.	Parameter	Result	Limits # Unit Method of Analysis
1.	SO ₂	15.9	80* ug/m ³ IS 5182 (Part 2) RA2017
2.	NO _x	24.9	80* ug/m ³ IS 5182 (Part 6) RA2017
3.	PM ₁₀	65.4	100** ug/m ³ IS 5182 (Part 23) RA2017
4.	CO	0.47	04** mg/m ³ IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB.
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] annually monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

Note:

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



Chetan A Kadam
(Authorized Signatory - Pollution & Environment)

-End of Test Report-

Noise Quality Test Report

Ref: AESPL/LAB/N-21/06/08 Issue Date: 10/06/2021

Name of the client		M/s. L&T Construction, CIDCO Housing Project - Kharkopar, Navi Mumbai	
Name of site		CIDCO HOUSING PROJECT, Kharkopar Navi Mumbai	
Monitoring date		04/06/2021	
Environmental Condition		Climate clear; Ambient temp. 34°C	
Monitored & transported by		AESPL	
Project / Job number		EK337/WOD1000178 dtd 14 Mar 2021	
Reference of sampling		AESPL/LAB/OR/7.3.3/R-02	
Method of sampling		IS 9989 RA-2014	
Instrument number		Noise meter - Centre C-390 SL-1-07	
Calibration status		Calibration details: 04/11/2020 to 03/11/2021	
Sr. No.	Location	Noise Day Time dB(A) Leq	
1.	Gate-1, plot no 2- Main gate	59.2	
2.	Plot-2 EA-03	62.1	
3.	Plot-2 EA-02	63.8	
4.	Plot-2 Execution area	69.8	
5.	Plot-3 Gate no. 4 main gate	68.9	
6.	Plot-3 Gate no. 2 main gate	65.8	
7.	Plot-3 Cluster-3	68.6	
8.	Plot-3 Cluster-4	66.9	
9.	Plot-3 Gate no 3	61.4	
10.	Plot-3 Cluster-5	69.2	
11.	Plot-3 Cluster-2	71.0	
12.	Main office area	56.1	
13.	UGT-01, plot-3	72.4	
Limit as per EP Act for Industrial area		75	

Remark: Noise Levels at all the locations were found to be below the stipulated limits

Note:

- The test report shall not be reproduced except in full, without written approval of laboratory
- Results relate only to the items tested



Chetan A Kadam
(Authorized Signatory - Pollution & Environment)

-End of Test Report-



Environment Compliance Report

GENERAL CONDITIONS




Point 40:- 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

Noted

Environment Compliance Report

GENERAL CONDITIONS

Point 41:- Six monthly monitoring reports should be submitted to the Regional office MOEF, Bhopal with copy to this department and MPCB.

 महाराष्ट्र राज्य सरकार	 CIDCO WE MAKE CITIES
CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED (CIN - 099999 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
CIDCO/CE(NMIA)/2022/ 1547.	29.08.2022
Ref. No.	Date :
To, Addl. Principal Chief Conservator of Forest(C), Ministry of Env. Forest and Climate Change, Regional Office (EZ), E-5Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road -3, Ravishankar Nagar, Bhopal-462016	
Subject: Submission of Six Monthly compliance status report upto 30 th November 2021	
Ref: - Grant of Environmental Clearance from SEIAA, vide letter no. SIAMH/MIS/53158/2019 dated 27.10.2020 for Pradhan Mantri Awas Yojana (PMAY) Housing scheme at Plot no. 03, Sec-16A, Kharkopar Railway station (East), Ulwe node, Navi Mumbai, Taluka-Panvel, District-Rajgad.	
Respected Sir,	
We are hereby enclosing six monthly compliance status report as per Sr.No. XLI of General Condition in the issued Environmental Clearance. This is for your kind information and records.	
Thanking You,	
Yours faithfully,  (R.B. DHAYATKAR) CHIEF ENGINEER (NMIA) CIDCO LTD., 3 rd Floor, CIDCO Bhavan, CBD Belapur, Navi Mumbai-400614	

Environment Compliance Report

GENERAL CONDITIONS

Point 42:- 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 made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.

Noted

Environment Compliance Report

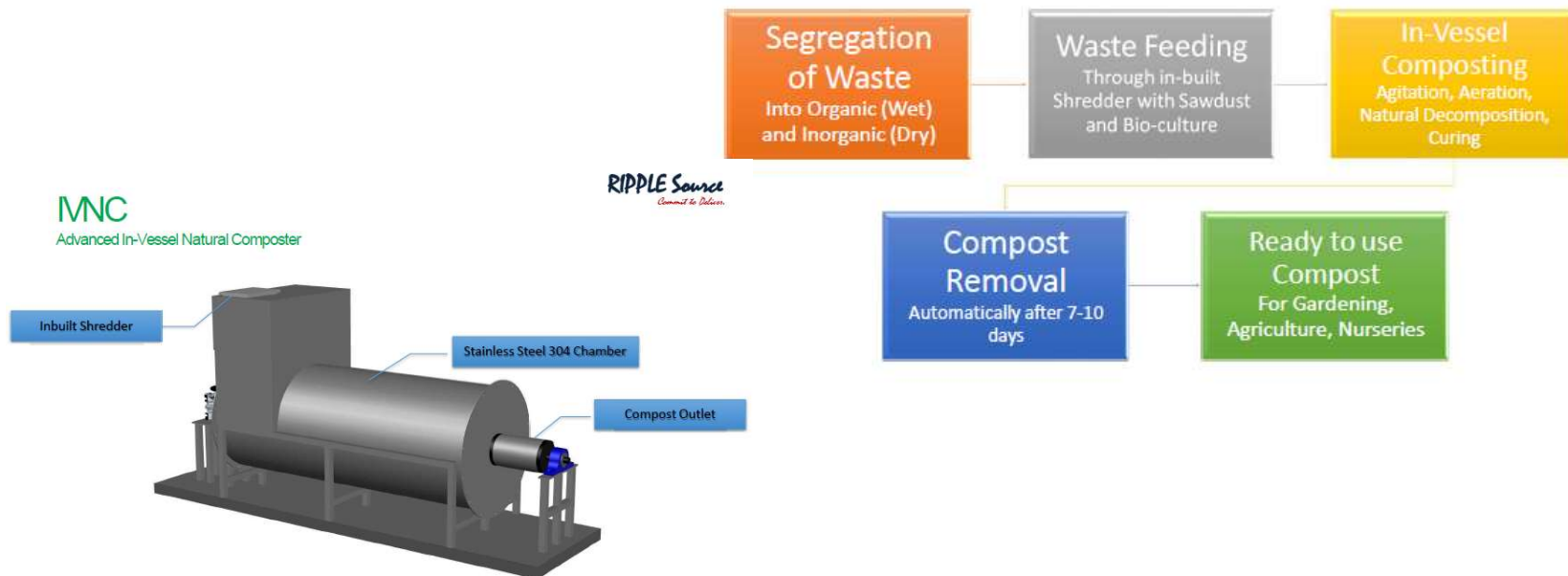
GENERAL CONDITIONS

Point 43:- 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.



OWC Technology report attached

MNC Process





Environment Compliance Report

GENERAL CONDITIONS

Point 44:- Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB

Noted

GENERAL CONDITIONS

Point 45:-A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB


महाराष्ट्र प्रदूषण नियंत्रण बोर्ड
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

CIDCO/CE(NMIA)/2022/ 1645 29.08.2022

Ref. No. CIDCO/CE(NMIA)/2022/ 1645
To,
Regional Officer,
Maharashtra Pollution Control Board,
Raigad Bhavan, 6th floor, Sector - 11,
C.B.D Belapur, Navi Mumbai- 400 614

Subject: Submission of Six Monthly compliance status report upto 30th November 2021


Ref: - Grant of Environmental Clearance from SEIAA, vide letter no. SIA/MH/MIS/53158/2019 dated 27.10.2020 for Pradhan Mantri Awas Yojana (PMAY) Housing scheme at Plot no. 03, Sec-16A, Kharkopar Railway station (East), Ulwe node, Navi Mumbai, Taluka-Panvel, District-Raigad.

Respected Sir,

We are hereby enclosing six monthly compliance status report as per Sr.No. XLI of General Condition in the issued Environmental Clearance.
This is for your kind information and records.

Thanking You,

Yours faithfully,


(R.B. DHAYATKAR)
CHIEF ENGINEER (NMIA) CIDCO LTD.,
3rd Floor, CIDCO Bhavan, CBD Belapur,
Navi Mumbai-400614


महाराष्ट्र प्रदूषण नियंत्रण बोर्ड
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

CIDCO/CE(NMIA)/2022/ 1646 29.08.2022

Ref. No. CIDCO/CE(NMIA)/2022/ 1646

To,
The Member Secretary,
Maharashtra Pollution Control Board,
3rd Floor, Kalpataru Point, Sion,
Mumbai-400 022

Subject: Submission of Six Monthly compliance status report upto 30th November 2021


Ref: - Grant of Environmental Clearance from SEIAA, vide letter no. SIA/MH/MIS/53158/2019 dated 27.10.2020 for Pradhan Mantri Awas Yojana (PMAY) Housing scheme at Plot no. 03, Sec-16A, Kharkopar Railway station (East), Ulwe node, Navi Mumbai, Taluka-Panvel, District-Raigad.

Respected Sir,

We are hereby enclosing six monthly compliance status report as per Sr.No. XLI of General Condition in the issued Environmental Clearance.
This is for your kind information and records.

Thanking You,

Yours faithfully,


(R.B. DHAYATKAR)
CHIEF ENGINEER (NMIA) CIDCO LTD.,
3rd Floor, CIDCO Bhavan, CBD Belapur,
Navi Mumbai-400614

Environment Compliance Report

GENERAL CONDITIONS

Point 46:- In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.

Application for Extension TOR approved

File No.SIA/MH/MIS/71504/2022
Government of India
State Level Environment Impact Assessment Authority
Maharashtra

To,

M/s CIDCO
NMIA Office, 3rd floor, Tower no. 10, Belapur Station complex, CBD Belapur, Navi Mumbai,
Thane-400614
Maharashtra

Tel.No.22-87918100; Email:pmay.cidco@gmail.com

Sub. Terms of Reference to the Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot No. 3, Sector 16, Kharkopar Railway Station (East), Village: Gavhan and Kharkopar, Taluka: Panvel, District: Raigad, State: Maharashtra, India., CIDCO Bhavan, CBD Belapur, Navi Mumbai

Dear Sir/Madam,

This has reference to the proposal submitted in the Ministry of Environment, Forest and Climate Change to prescribe the Terms of Reference (TOR) for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006. For this purpose, the proponent had submitted online information in the prescribed format (Form-1) along with a Pre-feasibility Report. The details of the proposal are given below:

- | | |
|----------------------------------|--|
| 1. Proposal No.: | SIA/MH/MIS/71504/2022 |
| 2. Name of the Proposal: | Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot No. 3, Sector 16, Kharkopar Railway Station (East), Village: Gavhan and Kharkopar, Taluka: Panvel, District: Raigad, State: Maharashtra, India. |
| 3. Category of the Proposal: | INFRA-2 |
| 4. Project/Activity applied for: | 8(b) Townships and Area Development projects. |
| 5. Date of submission for TOR: | 27 Jan 2022 |
| Date : 28-01-2022 | |

Manisha Patankar Mhasikar
(Member secretary (SEIAA))

Office : Room no. 217, second floor, mantralaya Annex, madam cama road, mumbai-32
Phone No : 87918100 Mobile : 9820400948
Email id : psec.env@maharashtra.gov.in

Note : This is auto tor granted letter.

In this regard, under the provisions of the EIA Notification 2000 as amended, the Standard TOR for the purpose of preparing environment impact assessment report and environment management plan for obtaining prior environment clearance is prescribed with public consultation as follows:



Environment Compliance Report

GENERAL CONDITIONS

Point 47:- A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

Noted

Environment Compliance Report

GENERAL CONDITIONS

Point 48:- A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

Attached Report

8.3.1 Budgetary Allocation for EMP:

Table 8.1 & 8.2 gives the expenditure to be incurred by City and Industrial Development Corporation (CIDCO) on environmental matters during construction and operational phase.

Table 8.1: Expenditure on Environmental Matters during Construction Phase

No.	Component	Description	Basis of costing	Total Cost (Rs. In Lacs)	
1	Air Environment	Cost for Dust suppression	20 nos. of Tankers/ Month x 12 Months x 7 Years x Rs. 600/ Tanker	10.08	
		#Air and Noise quality	By outside MOEF approved Laboratory	--	1.54
		EMP for Batching plant			1.61
2	Water Environment	Drinking water analysis	--	0.21	
3	Land Environment	Site Sanitation	--	10.0	
4	Health & Hygiene	Disinfection- Pest Control at site	10000/ Month x 12 Months x 7 Years	8.40	
		Health-check-up of workers	250 nos. of Workers x Rs. 250/ Worker/	52.50	

Environment Compliance Report

GENERAL CONDITIONS

Point 48:- Conti....

No.	Component	Description	Basis of costing	Total Cost (Rs. In Lacs)
			Month x 12 Months x 7 Years	
Total Cost				84.34

(#Set up cost for onsite sensors including operation and maintenance cost (If provided as suggested in Chapter 4, Section 4.1.3): At actual

Table 8.2: Expenditure on Environmental Matters during Operation Phase

No.	Component	Description	Capital cost Rs. In lacs.	Operational and Maintenance cost (Rs. in lacs/yr)
1	AIR & NOISE ENVIRONMENT			
1.1	Cost for Ambient Air quality & Noise Monitoring	By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.22
1.2	Cost for DG Stack Exhaust Monitoring	4 nos. of stacks	*No set up cost is involved	0.19
1.3	Cost for Plantation	7671.98 Sq.mt. of Recreational Open Space	42.20	1.20
2	WATER ENVIRONMENT			
2.1	Cost for Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	55.00	2.75
		Cost for treatment unit for Rain Water collected in tanks	9.00	0.03
		Cost for Rainwater Monitoring	*No set up cost is involved	0.14
3	LAND ENVIRONMENT			
3.1	Cost for Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	27.00	7.37
		Cost for monitoring of OWC manure	*No set up cost is involved	0.24
4	ENERGY CONSERVATION			
4.1	Use of renewable energy	Cost for Solar PV System	182.00	4.50
Total Cost			315.20	16.64

*No set up cost is involved as monitoring contract shall be given to outside MoEF approved laboratory

(#Additional Operation and maintenance cost for onsite sensors (If provided as suggested in Chapter 4, Section 4.1.3): Rs. 50,000/Annum.

Environment Compliance Report

GENERAL CONDITIONS

Point 49:- 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 <http://parivesh.nic.in>

MUMBAI
TUESDAY
MAY 24, 2022

Hindustan Times



PUBLIC NOTICE
CIDCO PMAY Housing
ENVIRONMENTAL CLEARANCE

The State Environmental Impact Assessment Authority (SEIAA), Maharashtra has accorded Environmental Clearance (EC) for CIDCO's Residential cum Commercial housing complex under PMAY Scheme, Package-IV (out of Package-I to IV vide (i) No. SIA/MH/MIS/50802/2019 dated 31/03/2020 for proposed Pradhan Mantri Awas Yojana (PMAY) housing scheme at Plot No. 2, Sector-6 near Bamandongri Railway Station, Ulwe Node, Navi Mumbai, Taluka-Panvel, District-Raigad. (ii) No. SIA/MH/MIS/53158/2019 dated 27/10/2020 for proposed Pradhan Mantri Awas Yojana (PMAY) housing scheme at Plot No. 03, Sector 16A near Kharkopar Railway Station (East), Ulwe Node, Navi Mumbai, Taluka-Panvel, District-Raigad & (iii) No. SIA/MH/MIS/53197/2020 dated 27/10/2020 for proposed Pradhan Mantri Awas Yojana (PMAY) housing scheme at Plot No. 01, Sector 39 at Taloja, Navi Mumbai.

The copies of environmental Clearance are available for reference with Maharashtra State Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>


The State Environmental Impact Assessment Authority (SEIAA) has accorded the environmental clearance for the said project under the provisions of EIA Notification, 2006.

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

Chief Engineer (NMIA)
CIDCO/PR/085/2022-23

मंगळवार,
दि. २४ मे २०२२

सामना



सार्वजनिक सूचना
सिडको प्रधानमंत्री आवास योजना
पर्यावरण मंजूरी

राज्य पर्यावरण प्रभाव मूल्यांकन प्राधिकरण (SEIAA), महाराष्ट्र यांनी प्रधानमंत्री आवास योजनेतर्गत सिडकोच्या निवासी तथा व्यावसायिक गृहनिर्माण प्रकल्पांतर्गत पॅकेज-४ ला (पॅकेज १ ते ४ पैकी) पर्यावरण मंजूरी (१) No. SIA/MH/MIS/५०८०२/२०१९ दिनांक ३१.०३.२०२० अन्वये, प्लॉट नं. २, सेक्टर ६, बामणडोंगरी रेल्वे स्थानकाजवळ, उलवे नोड, नवी मुंबई, तालुका-पनवेल, जिल्हा-रायगड यांना (२) No. SIA/MH/MIS/५३१५८/२०१९ दिनांक २७.१०.२०२० अन्वये, प्लॉट क्र. ३, सेक्टर १६A खारकोपर रेल्वे स्थानक (पूर्व), उलवे नोड, नवी मुंबई, तालुका-पनवेल, जिल्हा-रायगड यांना व (३) No. SIA/MH/MIS/५३१९७/२०२० दिनांक २७.१०.२०२० अन्वये, प्लॉट क्र. १, सेक्टर ३९, तळोजा, नवी मुंबई यांना पर्यावरणाच्या दृष्टीकोनातून मंजूरी दिली आहे.

सदर मंजूरीच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण महामंडळ यांच्याकडे उपलब्ध आहेत व त्या <http://parivesh.nic.in> या वेबसाईट वर देखील पाहता येईल.

राज्य पर्यावरण प्रभाव मूल्यमापन प्राधिकरण (SEIAA) ने EIA अधिसूचना, २००६ च्या तरतुदीनुसार उक्त प्रकल्पासाठी पर्यावरण मंजूरीला मान्यता दिली आहे.

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

मुख्य अभियंता (न.मुं.आं.वि.)
सिडको/जनसंपर्क/०८५/२०२२-२३

GENERAL CONDITIONS

Point 50:- Project management should submit half yearly compliance reports in respect of the 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.


महाराष्ट्राचा अग्रगण्य महानगर
CIDCO
WE MAKE CITIES
CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED
(CIN - 099999 MH 1970 SOC - 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

CIDCO/CE(NMIA)/2022/ 1645 29.08.2022

Ref. No. To,
Regional Officer,
Maharashtra Pollution Control Board,
Raigad Bhavan, 6th floor, Sector - 11,
C.B.D Belapur, Navi Mumbai- 400 614

Subject: Submission of Six Monthly compliance status report upto 30th November 2021


Ref: - Grant of Environmental Clearance from SEIAA, vide letter no. SIA/MH/MIS/53158/2019 dated 27.10.2020 for Pradhan Mantri Awas Yojana (PMAY) Housing scheme at Plot no. 03, Sec-16A, Kharkopar Railway station (East), Ulwe node, Navi Mumbai, Taluka- Panvel, District-Raigad.

Respected Sir,

We are hereby enclosing six monthly compliance status report as per Sr.No. XLI of General Condition in the issued Environmental Clearance.
This is for your kind information and records.

Thanking You,

Yours faithfully,


(R.B. DHAYATKAR)
CHIEF ENGINEER (NMIA) CIDCO LTD.,
3rd Floor, CIDCO Bhavan, CBD Belapur,
Navi Mumbai-400614


महाराष्ट्राचा अग्रगण्य महानगर
CIDCO
WE MAKE CITIES
CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED
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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(NMIA)/2022/ 1646 Date : 29.08.2022

To,
The Member Secretary,
Maharashtra Pollution Control Board,
3rd Floor, Kalpataru Point, Sion,
Mumbai-400 022

Subject: Submission of Six Monthly compliance status report upto 30th November 2021


Ref: - Grant of Environmental Clearance from SEIAA, vide letter no. SIA/MH/MIS/53158/2019 dated 27.10.2020 for Pradhan Mantri Awas Yojana (PMAY) Housing scheme at Plot no. 03, Sec-16A, Kharkopar Railway station (East), Ulwe node, Navi Mumbai, Taluka- Panvel, District-Raigad.

Respected Sir,

We are hereby enclosing six monthly compliance status report as per Sr.No. XLI of General Condition in the issued Environmental Clearance.
This is for your kind information and records.

Thanking You,

Yours faithfully,


(R.B. DHAYATKAR)
CHIEF ENGINEER (NMIA) CIDCO LTD.,
3rd Floor, CIDCO Bhavan, CBD Belapur,
Navi Mumbai-400614



Environment Compliance Report

GENERAL CONDITIONS

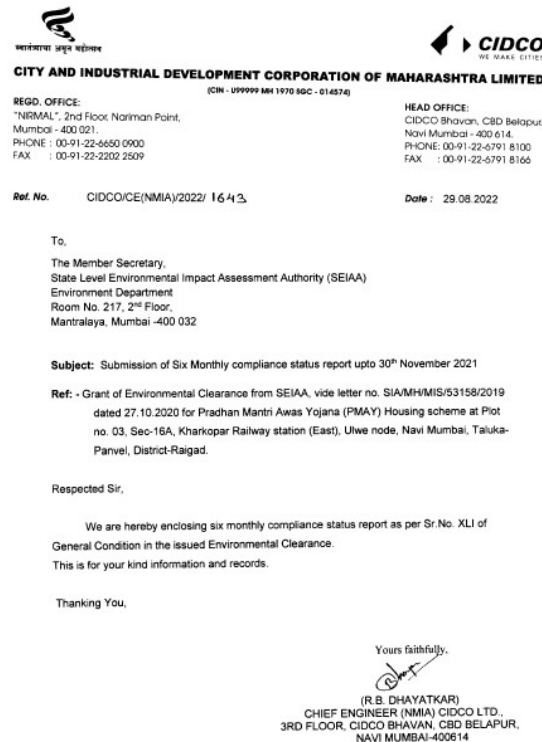
Point 51:- A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

Not Applicable

Environment Compliance Report

GENERAL CONDITIONS

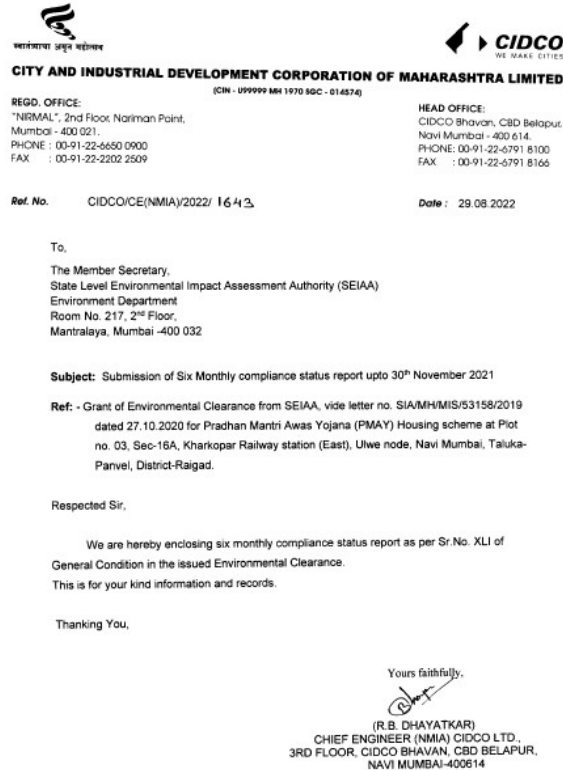
Point 52:- The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO₂, NO_x (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.



Environment Compliance Report

GENERAL CONDITIONS

Point 53:- 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 the SPCB.




Environment Compliance Report

GENERAL CONDITIONS

Point 54:- 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.

8/20/22, 11:55 AM MPCB Web Portal



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Industries
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FORM V
(See Rule 14)
Environmental Audit Report for the Financial Year ending the 31st March 2022

Part A

Company Information

* Company Name M/s. City and Industrial Development Corporatio	* Application UAN number MPCB-CONSENT-0000093630	* Financial Year April 2021 - March 2022
* Address CIDCO Bhavan,CBD Belapur, Navi Mumbai		
* Plot Number Plot No. 3, Sector 16A	* Taluka Panvel	* Village Navi Mumbai
* Capital Investment (In lakhs) 30283.00	* Scale L.S.I	
* City Raigad	* Pincode 410206	
* Person Name Mr. Rajendra Dayakar	* Designation CHIEF ENGINEER	
* Telephone Number 9907567207	* Fax Number	* Email pbkale12@gmail.com
* Region SRO - Raigad I	* Industry Category Orange	* Industry Type O2I Building and construction project more t
* Last Environmental statement submitted online <input checked="" type="radio"/> No <input type="radio"/> Yes	* Consent Number MPCB-CONSENT-0000093630	* Consent Issue Date 2020-11-12
* Consent valid Upto 2025-11-11	* Establishment Year 2020	* Date of last environment statement submitted

Product Information

* Product Name	* Consent Quantity	* Actual Quantity	* UOM
NA	0	0	Ton/Y

[Add More](#)

By-product Information

Environment Compliance Report

GENERAL CONDITIONS

Point 55:- The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

Noted



Environment Compliance Report

GENERAL CONDITIONS

Point 56:- In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986

For Info



Environment Compliance Report

GENERAL CONDITIONS

Point 57:- The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason

For Info



Environment Compliance Report

GENERAL CONDITIONS

Point 58:- Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

For Info

Environment Compliance Report

GENERAL CONDITIONS

Point 59:- In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

Application for Extension TOR approved

File No.SIA/MH/MIS/71504/2022
Government of India
State Level Environment Impact Assessment Authority
Maharashtra

To,

M/s CIDCO
NMIA Office, 3rd floor, Tower no. 10, Belapur Station complex, CBD Belapur, Navi Mumbai,
Thane-400614
Maharashtra

Tel.No.22-87918100; Email:pmay.cidco@gmail.com

Sub. Terms of Reference to the Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot No. 3, Sector 16, Kharkopar Railway Station (East), Village: Gavhan and Kharkopar, Taluka: Panvel, District: Raigad, State: Maharashtra, India., CIDCO Bhavan, CBD Belapur, Navi Mumbai

Dear Sir/Madam,

This has reference to the proposal submitted in the Ministry of Environment, Forest and Climate Change to prescribe the Terms of Reference (TOR) for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006. For this purpose, the proponent had submitted online information in the prescribed format (Form-1) along with a Pre-feasibility Report. The details of the proposal are given below:

- | | |
|----------------------------------|--|
| 1. Proposal No.: | SIA/MH/MIS/71504/2022 |
| 2. Name of the Proposal: | Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot No. 3, Sector 10, Kharkopar Railway Station (East), Village: Gavhan and Kharkopar, Taluka: Panvel, District: Raigad, State: Maharashtra, India. |
| 3. Category of the Proposal: | INFRA-2 |
| 4. Project/Activity applied for: | 8(b) Townships and Area Development projects. |
| 5. Date of submission for TOR: | 27 Jan 2022 |
| Date : 28-01-2022 | |

Manisha Patankar Mhasikar
(Member secretary (SEIAA))

Office : Room no. 217, second floor, mantralaya Annex, madam cama road, mumbai-32
Phone No : 87918100 Mobile : 9820400948
Email id : psec.env@maharashtra.gov.in

Note : This is auto tor granted letter.

In this regard, under the provisions of the EIA Notification 2000 as amended, the Standard TOR for the purpose of preparing environment impact assessment report and environment management plan for obtaining prior environment clearance is prescribed with public consultation as follows:



Environment Compliance Report

GENERAL CONDITIONS

Point 60:- The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

For info

GENERAL CONDITIONS

Point 61:- Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D - Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

For info



Environment Compliance Report

Thank You