Compliance Status Report up to 30th Nov of Environmental Clearance for Pradhan Mantri Awas Yojana (PMAY) Housing Housing At Plot 1 – sector 39 Taloja Navi Mumbai



Environment Compliance Report

SPECIFIC CONDITIONS

All Points Specific Conditions reply to SEAC done

Specific Conditions:

A. SEAC Conditions-

- PP to ensure that STP to be kept open minimum up to 40%.
- II. PP to adopt following segregation & treatment method for the sewage generated from the residential complex.
 - 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.
 - b. Black Water: The waste water emanating 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.
- III. PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.
- IV. PP to ensure that the energy savings from renewable sources shall be minimum 5.03 %.
- V. No Occupation Certificate (OC) to be granted to the project unless the proposed Nodal STP at Kharghar is commissioned and put into Operation.
- VI. PP to obtain CRZ clearance from MCZMA and comply all the conditions stipulated.
- VII. 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 PP to abide all conditions of NOCs granted by the different authorities.
- VIII. PP to provide thick Miawaki Plantation all along the perimeter of the plot, especially in SW and NE area of the plot.
- IX. PP to calculate the reduction in potable water consumption due to provision of Grey water treatment plant at site. The same shall be implemented.
- X. 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, if applicable. The planning authority to ensure fulfilment of this condition before granting CC.



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



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



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.



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

For Info.



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.



Letter No: AHC_CIDCO_PKG-IV_732

To Whom It May Concern,

Subject: Proposed Mass Housing Scheme on Plot no 01, Sector 39, at Taloja , Navi Mumbai for CIDCO LTD.(UNDER PMAY).

Proposal No. CIDCO /BP-IHP/2019/133

Ref. No. CIDCO / SR.ARCH.(BP-IHP)/2020/432 Date: 25/02/2020.

Dear Sir,

Attached below is the details of Proposed Mass Housing Scheme on Plot no 01, Sector 39, at Taloja, Navi Mumbai for the Residential and Comm. Buildings. with reference to LOI letter no CIDCO / SR.ARCH.(BP-IHP)/2020/432.

Preamble of the said proposal is as given below: -

1.	T	Name of the Owner	Superintendent En	ineer (AP	-I & HSG)	
2.		Name of the Developer	CIDCO Ltd.			
3.		Property Details	Plot no 01, Sector	39, at Tal	oja, Navi Mum	baí
4		Area Statement	TOTAL	NO	N CRZ PLOT	PLOT UNDER CRZ
	a	Plot area	166503.280 Sq. M	. 16029	2.589 Sq. Mt.	6210.691 Sq. Mt.
	b	Permissible F.S.I.	-		2.5	-
	C	Permissible BUA	-	34052	1.752 Sq. Mt.	-
	d	Proposed BUA (F.S.I. Area)		33947	5.742 Sg. Mt.	
	e	BUA under free of F.S.I.	337529,597 Sq. M			
	ſ	Total Construction Area	677005.339 Sq.Mt			
5.		Number of Buildings	Туре	Nos.	Floors	Height
			EWS-Type B	44Bldgs.	Gr+22Floors	70.95 Mtrs.
			EWS-Type C	12Bldgs.	Gr+22Floors	70.95 Mtrs.

Hafeez Contractor A I I A, G D Arch M S Arch & U D (USA) Ph D (Hon)

29 Bank Street, Mumbai 400 023 Tei : (+81 22! 2266 1920 Fax : (+81 22) 2266 4737 E -mail : hafeez@hcontractor.com आर्कीटेक्ट हाफीज़ कोन्ट्रक्टर, २९, बँक स्ट्रीट, मुंबई ४०० ०२३ फोन : २२६६ १९२० फेक्स : २२६६ ४७३७

6,	R.G. Area		25733.990 SQ.M. (15.456%)
7.	Permissible Height of Buildings as per Height clearance: No. Of trees to be Planted Right of way (width of the road from nearest fire Station)		153.26 Mtrs.
8.			1 tree / 100 Sq.mt of plot area (GDCR) – 1665 No. 1 tree/ 80 Sq.mt of Plot area (MOEF) – 2081 No. Proposed Tree Plantation – 2200 No.
9.			46.0m Wide ROW
10.	Width of all inter	nal road	9.0m, 7.5m and 6m Wide driveway
11.	Residential + Cars		Required Parking Spaces = 3010 Nos.
	comm + visitors		Proposed Parking Spaces = 3015 Nos.
	Parking	Bikes	Required Parking Spaces = 274 Nos.
			Proposed Parking Spaces = 349 Nos.
12.	Tenements		Commercial - 210 Nos.
			Residential – 10572 Nos.
13.	Community hall a 3nos.)	irea (600 Sq. Mt

Yours faithfully,



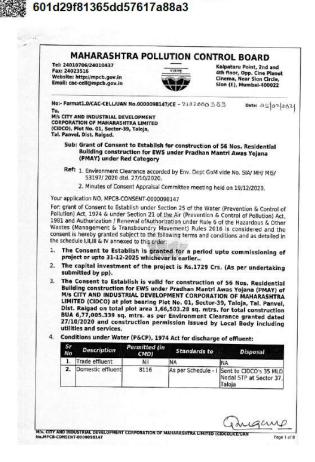
Mr. Mayur Sondagar Associate Architect For Architect Hafeez Contractor (CA/77/04043)



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

Maharashtra Pollution Control Board

Attached Copy

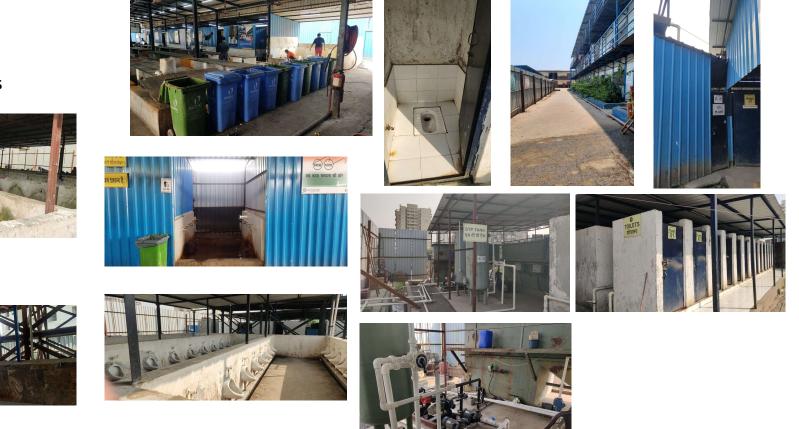




Environment Compliance Report

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





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







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







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.





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

Toilets are isolated in location away from project.









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





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





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



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.

23

Attached Report





ULR-TC549121000007265F

CHEMICAL TESTING Water

Test order / Report No. BVIPL / WATER : 25941C/	1641/8/2021 1
Date of Receipt : 18-08-2021	
LARSEN & TOUBRO LIMITED., L and T Business Towers, 5th Hoor, Wing-B, Sala Vihar Re Mumber-400072	sad, Powai,

	TEST REPORT ON ANALYSIS OF WATER
Source of sample	: Sample Supplied by the Customer
No of Samples Tested	: 01 (One only)
UIN	: 21031448
Identification#	: CONSTRUCTION WATER
Customer's Reference	: LTCD/CIDEO/TL/QAQC/100 Dt: 17.08.2071
Condition of sample	: Satisafctory
Source #	t Pendhar village
Lab Reference No.	: 2021/Aug/2119383
Project #	Construction of approximately 22973 Nos of EWS/LIG type dwelling units (Package IV) with development of commercial area & onote infrastructure works at various locations, viz, Barmandangi station, Kharkopar station (west), Kharkopar station (East) & Taloja sector 39, Navi J,Mumbai (Co. No. 63/CIDCO/CE/SP/2022-0-(Taloia Ste)
Period of Test	: 19-08-2021 to 24-08-2021

VERITAS

\$I.No	Particulars	Results	Stipulations of I5:456-2000 (Reaffirmed 2011) (water for construction purpose)
1	Quantity of 0.02N Ne0H required to neutralise 100ml of water sample using phenolphthalain as an indicator	0.10 ml	Shall not be more than 5 as
2	Quantity of 0.02N $\rm H_{3}SO_{4}$ required to neutralise 100ml of water sample using mixed indicator	12.60 ml	Shall not be more than 25m
з	Chlorides as Cl "	27.03 mg/l	500 mg/l max, for RCC 2000 mg/l max, for PCC
4	Sulphates as SO3	14.41 mg/l	400 mg/l max.
5	Inorganic Solids	110.00 mg/l	9000 mg/i max.
6	Suspended matter	8.00 mg/l	2000 mg/1 max.
7	Organic Solids	62.00 mg/l	200 mg/l max.
8	pH Value	8.13	Shall not be less than 6

: IS: 456-2000 and IS: 3025 (Part 11, 15, 17, 18, 22, 23, 24, 32)-1983

As furnished by the customer

Test Method

The Results relate 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 Gaikwad

Baine ab behame-Chemical Authovisted Sidly Hoale Limite +91 22 50954870 Regd. Off 72 Busine Plot No. B3/B4, TTC Inds. Area more. Grinane Belager Road, M.D.C. Construction of the State Provided and the State of th

Page 1 of 1 000 NABL Accredited Lat



ADJ114 EINVIKONPENIALSEKVILES PV1, L1D. Testng Laboratory is certified by 150 9001:20158. 108 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24:04:2024 Laboratory: P-1, MIDC Mohogada, P.O. Rasayani, Dist Raigad Pin 410222 Tel: 02192:252000, CIN: U74999MH2001PVC132091

	No.: AESPL/LAB/W-21	/11/43	_		Issue Date: 12/11/2021	
Name of Client Name of site			:	L&T – Construction CIDCO Taloja Project, Panvel Road, Navade Sector 39, Taloja Navi Mumbai.		
			:			
Nati	are of sample		:	Construction water		
Loca	ation of sample		:	Batching Plant		
Sam	ple identification nur	nber	1	W-21/11/43		
	ple Quantity & Contain	ier	:	1000 ml; PG		
Envi	ironmental Condition		:	Area: Clean, Water Ten	np: 25°C, Amb Temp: 31°	
	e of sample drawn		:	11/11/2021 11/11/2021 AESPL AESPL WO No. EK124WOD1000158 dated 08.03.2021		
Date	e of sample receipt		:			
Date	e of sample analysis		:			
Sam	ple drawn by		:			
Sam	ple Transported by		:			
Proj	ect/ Job Number		:			
	erence of sampling		:			
Met	hod of sampling & pre	eservation	:	AESPL/LAB/SOP/7.3.1/W-01		
Sr. No	Parameter	Result		Permissible limit as per IS:3025	Method of analysis	
1.	pH@25°C 7.67	7.67		Not less than 6	IS-3025(P-11) RA2017	
3.	Alkalinity, mg/l			250 mg/l	IS-3025(P-23) RA2019	
4.	Sulphate, mg/l			400 mg/l	IS-3025(P-24) RA2019	
5.	Chlorides, mg/l	41		2000 mg/l	IS-3025(P-32) RA2019	
6.	TSS, mg/l	12		-	IS-3025(P-17) RA2017	
7.	Hardness, mg/l	184		-	IS-3025(P-21) RA2019	
8.	Acidity, mg/l	< 2.0	- 11	50 mg/l IS-3025(P-22) RA20		

Note

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2. Results relate only to the items tested.

- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



(Authorized Signatory - Pollution & Environment) -End of Test Report





Soil Quality Test Report

	No.: AESPL/LAB/S-21/11/03			Issue Date: 17/11/2021	
Name of Client			CIDCO	Construction Taloja Project, Panvel Road, e Sector 39, Taloja Navi Mumbai.	
Name of site Nature of sample			Taloja Navi Mumbai.		
			Soil		
Location of sample			Onsite	Near EC 11	
Sam	ple identification number	:	S-21/1	1/03	
Sam	ple Quantity & Container	:	1 kg; P	G bag & 100gm; Aluminum container	
Envi	ronmental Condition	:	Area: 0	lean, Color: Brown Amb Temp: 31°C	
Date	of sample drawn	1	09/11,	/2021	
Date	of sample receipt	:	11/11,	/2021	
Date	of sample analysis	:	11/11/2021 - 16/11/2021		
Sam	ple drawn by	1	AESPL AESPL WO No. EK124WOD1000158 Dated 08.03.2021		
Sam	ple Transported by				
Proj	ect/ Job number	1			
Refe	rence of sampling	:	AESPL	L/LAB/QR/7.3.3/R-02 L/LAB/SOP/7.3.1/S-01	
Meth	hod of sampling & preservation	1	AESPL		
Sr. No.	Parameter with Unit	R	esult	Method of analysis	
1.	pH@25°C		5.90	IS 2720 (part 26); RA2016	
2.	Water content, %		5.2	IS 2720 (part 2); RA2015	
3,	Organic Carbon, %	(0.88	IS 2720 (part 22); RA2015	
4.	Available Nitrogen, %	0.	0100	AESPL/LAB/SOP/7.2.1.2/S-05;30.11.19	
5.	Available Phosphorus, kg/ha		48	AESPL/LAB/SOP/7.2.1.2/S-07 ;30.11.19	
6.	Potassium as K, kg/hector		120	AESPL/LAB/SOP/7.2.1.2/S-06;30.11.19	
7.	Chloride, mg/kg		113	AESPL/LAB/SOP/7.2.1.2/S-08;30.11.19	
8.	Available Sulphur, mg/kg		62	AESPL/LAB/SOP/7.2.1.2/S-10;30.11.19	
9.	Lead as Pb, mg/kg	<	0.04	EPA Method 300B 2:1996	

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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



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



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



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



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.

Authorised By : Government of Ma	r Control Certificate			
Date Time Validity upto	: 24/11/2021 : 19:23:09 PM : 23/05/2022			
Certificate SL. No. Registration No. Date of Registration Month & Year of Manu Valid Mobile Number mission Norms Fuel PUC Code GSTIN Fees MIL observation	tacturing t	MH00400630004 MH46F5197 20/Jul/2013 January-2013 ************************************	ш	
	with Registration plate			
60 mm x 30 m sr. No.	Pollutant (as	Units (as	IH 46 5197 Emission limits	Measured Value (upto 2
Sr. No.	Pollutant (as applicable)	applicable)		Value (upto 2 decimal places
Sr. No.	Pollutant (as applicable) 2	applicable) 3	Emission limits	Value (upto 2
Sr. No.	Pollutant (as applicable) 2 Carbon Monoxide (CO)	applicable) 3 percentage (%)		Value (upto 2 decimal places
Sr. No. 1 Idling	Pollutant (as applicable) 2 Cerbon Monoxide (CO) Hydrocarbon, (THC/HC)	applicable) 3 percentage (%) ppm		Value (upto 2 decimal places
Sr. No. 1 Idling Emissions	Pollutant (as applicable) 2 Carbon Monoxide (CO) Hydrocarbon, (THC/HC) CO	applicable) 3 percentage (%) ppm percentage (%)	4	Value (upto 2 decimal places
Sr. No. 1 Idling	Pollutant (as applicable) 2 Carbon Monoxide (CO) Hydrocarbon, (THC/HC) CO RPM	applicable) 3 percentage (%) ppm	4 2500 ± 200	Value (upto 2 decimal places
Sr. No. 1 Idling Emissions High idling	Pollutant (as applicable) Z Cerbon Monoxide (CO) Hydrocarbon, (THC/HC) CO RPM Lambda	applicable) 3 percentage (%) ppm percentage (%)	4	Value (upto 2 decimal places
Sr. No. 1 Idling Emissions High idling	Pollutant (as applicable) 2 Carbon Monoxide (CO) Hydrocarbon, (THC/HC) CO RPM	applicable) 3 percentage (%) ppm percentage (%)	4 2500 ± 200	Value (upto 2 decimal places



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 45001:2018	
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024	
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222	

	AESPL/LAB/A-		1.00		1568026367	and the second se																
Name (of Client		1.1	L&T - Const		2012/02/07/2020 00:02:0																
						Road, Navade Sector 39,																
				Taloja Navi M																		
Name of Site			1	Taloja Navi Mumbai.																		
Nature of sample			:	Ambient Air	Ambient Air																	
Locatio	on of sample		1	Near Project of	office																	
Sample	Identification n	mber	:	A-21/11/31	ala da sera																	
Sample	Quantity & Cont	ainer	1	SO2:1 Bottle x	30 ml; NO2:1 E	ottle x 30 ml; PM10-1																
Date of	fsampling	100000	:	09/11/2021	Contraction of the Contract	CONTRACTOR CONTRACTOR																
Start T	ime of sampling		1	09:10 hrs																		
Sampling period Date of sample receipt			:	8 hrs 11/11/2021																		
							Date of	f sample analysis		:	11/11/2021-17/11/2021											
Enviro	nmental conditio	adition		Climate clear Ambient temp. 31°C		Ambient temp. 31°C																
Monito	red & transporte	dby	:	AESPL																		
Sampli	ng equipment	-88	1	Air Sampler RDS-I-02																		
Calibra	tion status	tatus		:	Calibrated on 01/01/2021 Calibration due on 31/12/202 EK124W0D1000158 dt 08.03.21		alibration due on 31/12/2021															
Project	t/Job number						3.03.21															
	nce of sampling			AESPL/LAB/QR/7.3.3/R-02																		
				ing & preservation :																		AESPL/LAB/S
Sr.No.	Parameter	Result		Limits #	Unit	Method of Analysis																
1.	SO2	12.7		80 *	µg/m ³	IS 5182 (Part 2) RA2017																
2,	NO ₂	22.6	12	80 *	µg/m ³	IS 5182 (Part 6) RA2017																
3.	PM10	62.5	18	100 *	µg/m ³	IS 5182 (Part 23) RA2017																
4.	CO	0.31		04 **	mg/m ³	IS 5182 (part 10) RA2019																

[*] 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

1. The test report shall not be reproduced except in full, without written approval of laboratory.

2. Results relate only to the items tested.

3. Any query related to this report will be entertained within 15 days of the report issue date only. 4. Decision Rule is applied.



Chetan A Kadam (Authorized Signatory - Pollution & Environment) -End of Test Report



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 02192 252008 CIN: U74999MU2001PTC122091





Ref. No.: AESPL/LAB/A- 21/11/32

Sample Identification number

ame of Clien

Name of Site

Nature of sample

Location of sample

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, P.O. Racayani, Disc. Raigad Pin 410222 Teil: 02192 252000, Clin: U74999MI2001PTC1322091

Ambient Air Quality Test Report

L&T - Construction

Taloja Navi Mumbai.

: Taloja Navi Mumba

: Ambient Air

: Batching plant : A-21/11/32

CIDCO Taloia Project Panuel Road, Navade Sector 39



Issue Date: 17/11/2021

Ambient Noise Quality Test Report

	AESPL/LAB/N-21/11/2 of the client	Γ.	L&T - Constru	Report Date: 15/11/		
Name	of the client		CIDCO Taloja Project, Panvel Road, Navade Sector 39, Taloja Navi Mumbai.			
Name	of site	:	Taloja Navi Mumbai.			
Monitoring date			12/11/2021			
Environmental condition			Climate clear;	Ambient Temp. 30°C		
	ored & transported by	:	AESPL	5-5-10-40 TOOR \$0-00		
Projec	t/ Job number	:	EK124WOD10	000158 dt 08.03.21		
	ence of sampling	:	AESPL/LAB/QF	R/7.3.3/R-02		
Metho	d of sampling	1	IS 9989 RA: 20	014		
	ment used		Noise meter -			
Calibr	ation status	:	Calibration details: 03/11/2021 to 02/11/2022			
Sr.	Locatio	n		Noise Day Time		
No.				dB(A) Leq		
1.	Main gate			63.8		
2	Office area			55.4		
3.	Batching plant			66.9		
4	Cluster 7			69.7		
5.	Labour colony 1		56.5	56.5		
6.	Cluster 7 Reinforce yard Cluster 6B		ard	62.0		
7.				65.4		
8.	Cluster 6A		1000	67.4		
9.	Cluster 5A			55.7		
10.	Cluster 4A			64.9		
11.	Labour colony 2			57.1		
12.	Formwork yard			61.5		
13.	Near Weight bridge			66.3		
Lin	nit as per EP Act for Inc	ius	trial area	75		

Conformity Statement: 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 & Environ nent) -End of Test Report

Sample Identification number				R-21/11/32				
Sample Quantity & Container				SO2:1 Bottle x 30 ml; NO2:1 Bottle x 30 ml; PM10-1				
Date of sampling				09/11/2021				
Start Time of sampling				09:00 hrs				
Sampling period				8 hrs				
Date of sample receipt				11/11/2021				
Date of sample analysis				11/11/2021-17/11/2021				
Environmental condition				Climate clear Ambient temp. 31°C				
Monitored & transported by				AESPL	the contract of the			
Sampling equipment				Air Sampler RDS-I-01				
Calibration status				Calibrated on 01/01/2021 Calibration due on 31/12/2021				
Project/ lob number				EK124W0D1000158 dt 08.03.21				
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	1	Limits #	Unit	Method of Analysis		
1.	SO2	13.3		80 *	µg/m ³	IS 5182 (Part 2) RA2017		
2,	NO ₂	22.8	3	80 *	µg/m ³	IS 5182 (Part 6) RA2017		
3.	PM10	64.8		100 *	ug/m ³	IS 5182 (Part 23) RA2017		
4	CO	0.33	8 .	04 **	mg/m ³	IS 5182 (part 10) RA2019		
[*] 24 h Conform monitor	mity Statement:	values; [**] 1 The monitor	houi	rly monitoring v undertaken ind	alues; [***] an licates that A	nually monitoring values, mbient Air Quality Values i Ambient Air Quality Standar		

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3. Any query related to this report will be entertained within 15 days of the report issue date only

4. Decision Rule is applied.



Chetan A Kadam (Authorized Signatory - Pollution & Environment) -End of Test Repor

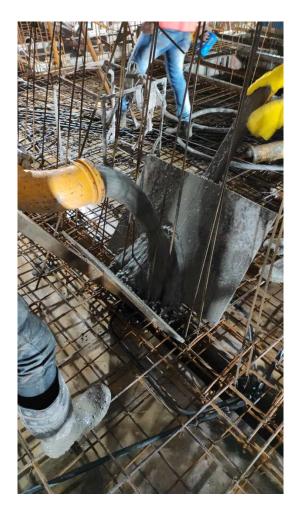


Point 22:- Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations). XX111. Ready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



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







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



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





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

\$

Attached Report



Ref. No.: AESPL/LAB/W-21/11/43 Name of Client				Issue Date: 12/11/2021 : L&T - Construction				
Name of client			٠.	CIDCO Taloja Project, Panvel Road,				
				Navade Sector 39, Taloja Navi Mumbai.				
Name of site			:	Taloja Navi Mumbai.				
Nature of sample			:	Construction water				
Location of sample			:	Batching Plant				
Sample identification number			:	W-21/11/43				
Sample Quantity & Container			:	1000 ml; PG				
Environmental Condition			:	Area: Clean, Water Temp: 25°C, Amb Temp: 31°C				
Date of sample drawn			:	09/11/2021				
Date of sample receipt			:	11/11/2021				
Date of sample analysis			:	11/11/2021				
Sample drawn by Sample Transported by			:	: AESPL : AESPL				
			:					
Project/ Job Number Reference of sampling				: WO No. EK124W0D1000158 dated 08.03.2021 : AESPL/LAB/QR/7.3.3/R-02				
							Method of sampling & preservation	
Sr. No	Parameter	Result		Permissible limit as per IS:3025	Method of analysis			
1.	pH@25°C	7.67		Not less than 6	IS-3025(P-11) RA2017			
3.	Alkalinity, mg/l	164		250 mg/1	IS-3025(P-23) RA2019			
4.	Sulphate, mg/l	33		400 mg/l	IS-3025(P-24) RA2019			
5.	Chlorides, mg/l	41		2000 mg/l	IS-3025(P-32) RA2019			
6,	TSS, mg/l	12		-	IS-3025(P-17) RA2017			
7.	Hardness, mg/l	184		(m)	IS-3025(P-21) RA2019			
8.	Acidity, mg/l	< 2.0		50 mg/1	IS-3025(P-22) RA2019			

Construction Water Quality Test Report

Conformity Statement: Test parameters are within permissible limits of IS: 3025 Note:

 The test report shall not be reproduced except in full, without written approval of laboratory.

- 2. 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 and the sample will also be retained for the same period.

4. Decision Rule is applied.



Reshma S. Patil (Authorized Signatory - Pollution & Environment) -End of Test Report-



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 affluent 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 affluent if any should be discharge of this unused treated affluent 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











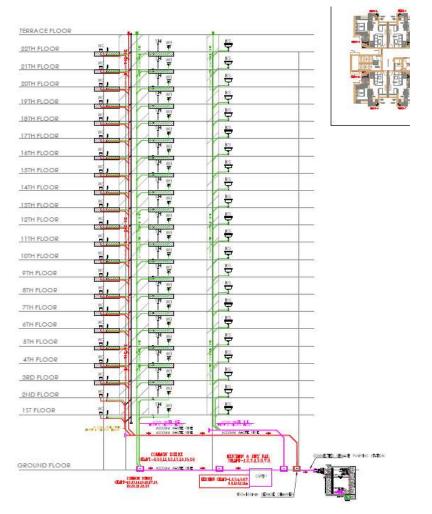
Point 28:- Permissions to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project

No Water is drawn from ground



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





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

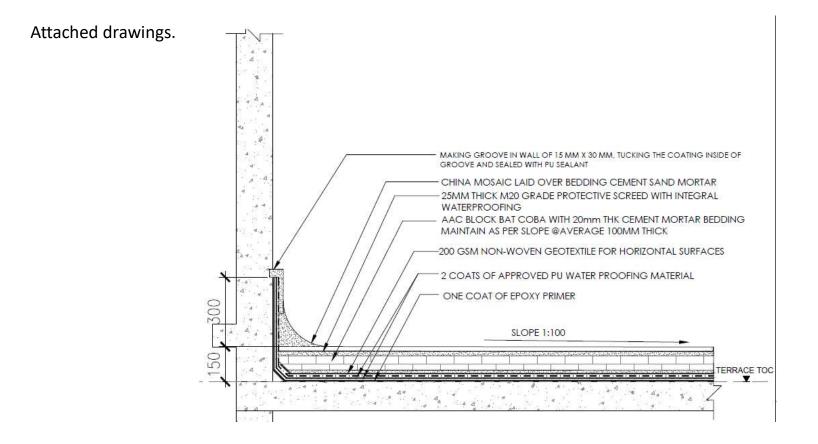


Point 31:- Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.

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



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





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





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



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





	AESPL/LAB/N-21/11/2	-/	222	Report Date: 15/11		
Name of the client		*	L&T - Construction CIDCO Taloja Project, Panvel Road, Navade Sector 39, Taloja Navi Mumbai.			
Name	ofsite	:	Taloja Navi Mumbai.			
Monito	oring date	:	12/11/2021			
Enviro	nmental condition	:	Climate clear; Ambient Temp. 30°C			
	ored & transported by	:	AESPL			
Project	t/ Job number	:	EK124W0D1000158 dt 08.03.21			
Refere	nce of sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Metho	d of sampling	:	IS 9989 RA: 2	IS 9989 RA: 2014		
	ment used	:	Noise meter - SL-I-07			
Calibra	ation status	;	Calibration details: 03/11/2021 to 02/11/2022			
Sr. No.	Location			Noise Day Time dB(A) Leg		
1.	Main gate	_		63.8		
2.	Office area			55.4		
3.	Batching plant			66.9		
4.	Cluster 7			69.7		
5.	Labour colony 1			56.5		
6.	Cluster 7 Reinforce yas	ď		62.0		
7.	Cluster 6B			65.4		
8.	Cluster 6A		1000	67.4		
9.	Cluster 5A			55.7		
10.	Cluster 4A			64.9		
11.	Labour colony 2			57.1		
12.	Formwork yard			61.5		
13.	Near Weight bridge			66.3		
Lin	nit as per EP Act for Inc	hus	strial area	75		

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-



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.



Service Road Planned accordingly.



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

Day light, Wind analysis report is uploaded by MOEF Consultant



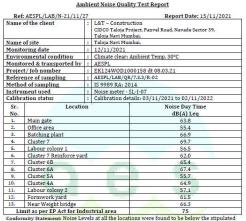
Point 39:- Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, to avoid disturbance to the surroundings.

\$₽

TC-7085

Attached report





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



(Authorized Signatory - Pollution & Environment) -End of Test Report-



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



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

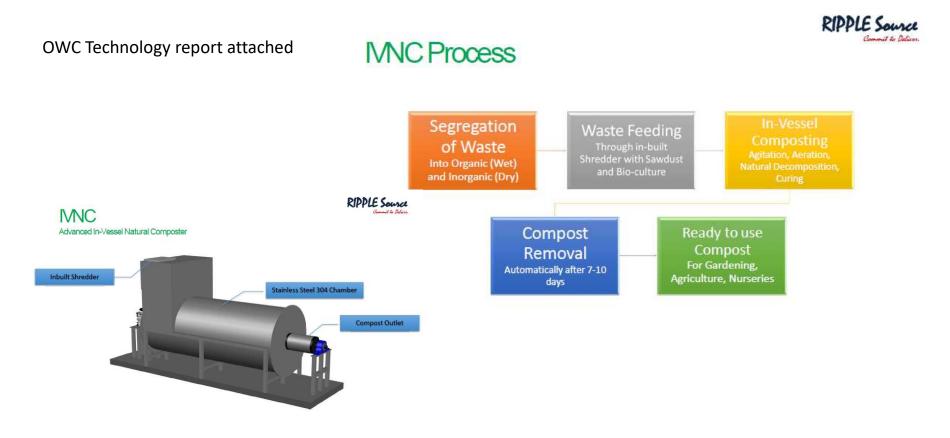
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स्वातंत्र्याचा अमृत महोत्सव			WE MAKE CITIES
CITY AND INDU	STRIAL DEVELOPMENT CORP (CIN - U99999 MH 1970 5		A LIMITED
REGD. OFFICE:	Lene of the lene o	HEAD OFFICE:	
"NIRMAL", 2nd Floor, 1 Mumbal - 400 021, PHONE : 00-91-22-665 FAX : 00-91-22-220	50 0900	CIDCO Bhavan, Navi Mumbal - J PHONE: 00-91-2; FAX : 00-91-2;	400 614. 2-6791 8100
Ref. No.		Date :	
To,			
Environment Room No. 21	Environmental Impact Assessment Author Department 7, 2nd Floor, Mumbai -400 032 Submission of Six-Monthly compliance -Grant of Environmental Clearand SIA/MH/MIS/53197/2020 dated 27.10. (PMAY) Housing scheme at Plot no. District-Raigad.	status report up to 30 th Nov 2022	
	by enclosing six monthly compliance statu ral Condition in the issued Environmental		
This is for you	ur kind information and records.		
Thanking You	J,		
		Yours faithfully,	
		Colore	
		(R.B. DHAYATKAR) CHIEF ENGINEER (NMIA) CIDCO LTD., 3rd Floor, CIDCO Bhavan, CBD Belapur, Navi Mumbai-400614	



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.



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.





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



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

-	-			
स्वातंत्र्याचा	अमृत बहोलाब			
	AND INDU	STRIAL DEVELOPMENT	CORPORATION	OF MAHARASHTRA LIMITED
		[CIN - U99999	MH 1970 SGC - 014574)	
REGD. O				HEAD OFFICE:
		Nariman Point,		CIDCO Bhavan, CBD Belapur,
	- 400 021.	50.0000		Navi Mumbal - 400 614. PHONE: 00-91-22-6791 8100
	00-91-22-220			FAX : 00-91-22-6791 8166
2000				
Ref. No.				Date :
	То			
	The Member	Secretary		
		Environmental Impact Assessme	nt Authority (SEIAA)	
	Environment	Department		
		17, 2nd Floor,		
	Mantralaya, I	Mumbai -400 032		
	Sub:	Submission of Six-Monthly co	mpliance status report u	p to 30th Nov 2022
	Ref:	-Grant of Environmental	Clearance from SEI	IAA, vide letter no.
		SIA/MH/MIS/53197/2020 date		
		(PMAY) Housing scheme at District-Raigad.	Plot no. 1, Sector- 39,	Taloja, Taluka Panvel,
		District-Naigau.		
	Respected S	ir/ Madam,		
		by enclosing six monthly complia ral Condition in the issued Enviro		month of 30th Nov 2022
		ur kind information and records.		
	Thanking You	и,		
			Yo	ours faithfully,
			G	with
			(R.B.	DHAYATKAR)
			CHIEF EN	IGINEER (NMIA)
				DCO LTD.,
				or, CIDCO Bhavan, ir, Navi Mumbai-400614
			COD Delapu	1, 140 VI MUITUAI-4 000 14



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.

Not Applicable



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

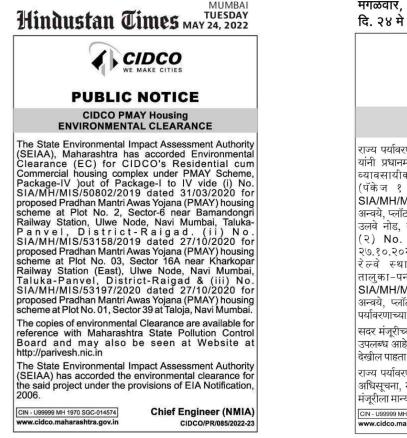


Point 48:- A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.



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



मंगळवार, दि. २४ मे २०२२ सातजा
र सिडको शहरांचे शिरपकार
सार्वजनिक सूचना
सिडको प्रधानमंत्री आवास योजना पर्यावरण मंजुरी
राज्य पर्यावरण प्रभाव मूल्यांकन प्राधिकरण (SEIAA), महाराष्ट्र यांनी प्रधानमंत्री आवास योजनेंतर्गत सिडकोच्या निवासी तथा व्यावसायीक गृहनिर्माण प्रकल्पांतर्गत पॅकेज-8 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, बामणार्डोगरी 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 १६А 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 वृष्टीकोनातून मंजूरी दिली आहे. सदर मंजूरीच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण महामंडळ यांच्याकडे
सर नजूरा प्या प्रता नहाराष्ट्र प्रपूर्वण नियत्रण नहानडळ या प्यायाड 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 तरतुर्दीनुसार उक्त प्रकल्पासाठी पर्यावरण मंजूरीला मान्यता दिली आहे.
[CIN - U99999 MH 1970 SGC-014574] मुख्य अभियंता (न.मुं.आं.वि.) www.cidco.maharashtra.gov.in सिडको/जनसंपर्क/०८५/२०२२-२३



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.

यातंत्र्याचा अमत महोत्सव	CIDCO
	WE MAKE CITIES
ITY AND INDUSTRIAL DEVELOPMENT COR (CIN - U99999 MH 1970	
EGD. OFFICE:	HEAD OFFICE:
NIRMAL", 2nd Floor, Nariman Point, 1umbai - 400 021.	CIDCO Bhavan, CBD Belapur,
HONE : 00-91-22-6650 0900	Navi Mumbai - 400 614. PHONE: (00-91-22-6791 8100
AX : 00-91-22-2202 2509	FAX : 00-91-22-6791 8166
lef. No.	Delta i
er. No.	Date :
To,	
The Member Secretary, State Level Environmental Impact Assessment Author Environment Department Room No. 217, 2nd Floor, Mantralava, Mumbai -400 032	brity (SEIAA)
Sub: Submission of Six-Monthly compliance	e status report up to 30th Nov 2022
	ice from SEIAA, vide letter no. .2020 for Pradhan Mantri Awas Yojana 1, Sector- 39, Taloja, Taluka Panvel,
Respected Sir/ Madam,	
We are hereby enclosing six monthly compliance stat as per General Condition in the issued Environmenta	
This is for your kind information and records.	
Thanking You,	
	Yours faithfully,
	Charl
	(R.B. DHAYATKAR)
	CHIEF ENGINEER (NMIA)
	CIDCO LTD., 3rd Floor, CIDCO Bhavan,



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



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. S02, NOX (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



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.

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स्वातंत्र्याचा अमृत बहोत्सव	
CITY AND INDUSTRIAL	DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITEI
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Mumbai - 400 021.	Navi Mumbal - 400 614.
PHONE: 00-91-22-6650 0900	PHONE: 00-91-22-6791 8100
AX : 00-91-22-2202 2509	FAX : 00-91-22-6791 8166
Ref. No.	Date :
To,	
Environment Departmen Room No. 217, 2nd Floo Mantralaya, Mumbai -40	ital Impact Assessment Authority (SEIAA) nt or,
SIA/MH/N	of Environmental Clearance from SEIAA, vide letter no. MIS/63197/2020 dated 27.10.2020 for Pradhan Mantri Awas Yojana Housing scheme at Plot no. 1, Sector- 39, Taloja, Taluka Panvel, aigad.
Respected Sir/ Madam,	
	g six monthly compliance status report for the month of 30 th Nov 2022 n in the issued Environmental Clearance.
This is for your kind infor	rmation and records.
Thanking You,	
	Yours faithfully,
	Open
	(R.B. DHAYATKAR)
	CHIEF ENGINEER (NMIA)
	CIDCO LTD., 3rd Floor, CIDCO Bhavan.



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.

स्वातंत्र्याचा अमृत बहोत्सव				CIDCO
CITY AND INDUSTRIA		CORPORATIO		SHTRA LIMITED
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lef. No.			Date :	
To,				
The Member Secretar				
	ental Impact Assessment ent oor,	Authority (SEIAA)	
Sub: Submis	sion of Six-Monthly comp	pliance status rep	ort up to 30 th Nov 202	22
SIA/MH (PMAY	of Environmental Cl /MIS/53197/2020 dated Housing scheme at Pl Raigad.	27.10.2020 for P	radhan Mantri Awas	Yojana
Respected Sir/ Madan	ı.			
	ng six monthly compliand on in the issued Environr			ov 2022
This is for your kind in	ormation and records.			
Thanking You,				
			Yours faithfully,	
			Christ	
		CHIE	R.B. DHAYATKAR) F ENGINEER (NMIA CIDCO LTD., Floor, CIDCO Bhava lapur, Navi Mumbai-	n,
		CBD Be	lapur, Navi Mumbai⊶	400614



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.



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



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



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

For Info



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.

N/A



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



Point 61:- Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, Ist 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



Thank You