

Minutes of the thirtieth meeting of the reconstituted State Level Expert Appraisal Committee, West Bengal held on 27.01.2022 at 1:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.

Name of the members who were present in the meeting are as follows: -

1)	Roshni Sen, IAS	Secretary, SEAC	Present
2)	Dr. Ashit Kumar Mukherjee	Chairman, SEAC	Present
3)	Dr. Anirban Gupta	Member, SEAC	Present through VC
4)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present through VC
5)	Dr. Pradip Kumar Sikdar	Member, SEAC	Present through VC
6)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present through VC
7)	Prof. (Dr.) Sampa Chakrabarti	Member, SEAC	Present through VC
8)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present through VC
9)	Dr. Nilangshu Bhusan Basu	Member, SEAC	Present through VC
10)	Dr. Goutam Kumar Saha	Member, SEAC	Present through VC

The 30th meeting of the reconstituted State Expert Appraisal Committee (SEAC), was held on 27.01.2022 at 1:00 p.m. through both physical and online modes in the Conference Room at Paribesh Bhawan, Bidhan Nagar. At the outset, the Secretary, SEAC welcomed all the members. After the introductory session, the since there was no new proposals for presentation, cases for reconsiderations were deliberated upon. Six cases were placed for reconsideration and two cases in Miscellaneous session.

A. Reconsideration Proposals :-

Construction Sector

- 1. Proposed Affordable Housing project by West Bengal Housing Infrastructure Development Corporation Ltd. (WBHIDCO) at Plot No-IIC/BLK-14, 15, 16 & 17, Action Area-IIC, P.S.- Eco Park, Newtown, Kolkata – 700 161. (Proposal No. SIA/WB/MIS/237593/2021). Name of the Environmental Consultant is M/s. ULTRA-TECH Environmental Consultancy & Laboratory.**

Activity:

- This is a proposal for construction of a (G+19) storied residential Building (LIG Block A1, A2, A3, A4, B & C) & G+14 Storied Residential Building. Total Built up area of the project is 95966.28 sqm. on a land area of 30728.00 sqm.

Chronology of the event:

- Salient features of the proposed project are –

Land area	30736.68 sqm (as per deed) 30728.00 sqm (as per measurement)
No. of stories	(G+19) storied residential Building (LIG Block

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	A1, A2, A3, A4, B & C) & G+14 Storied Residential Building.
No. of Flats	1400 nos.
Total Built-up area	95966.28 sqm
Ground Coverage	6367.79 sqm (20.72% of Land Area)
Exclusive Tree Plantation Area	6592.43 sqm (21.45% of Land Area)
Road Area	12398.5 sqm (40.35% of Land Area)
Paved Area	827.71 sqm (2.69% of Land Area)
Open Parking Area	4159.5 sqm (13.54% of Land Area)
Service Area	382.07 sqm (1.24% of Land Area)
Source of Water	NKDA
Quantum of Water required	962 KLD
Quantity of Wastewater Generation	776 KLD
Treated Wastewater Recycled	68 KLD
Quantity of Wastewater Discharge	776 KLD (Total generated waste water will be sent to NKDA STP for treatment)
Quantum of Fresh Water required	904 KLD
Quantity of Solid Waste Generation	Bio-degradable - 1187 kg/day Non-biodegradable – 1781 Total – 2969 kg/day
Constructional Phase Water Demand	88 KLD (Construction work – 20 KLD, Workers – 68 KLD)
Population During Construction	1500 persons
Total Population During Operation	Residential 6510, Service 326, Floating 65, Total population 6901
Electricity (Demand Load)	3947 KVA by WBSEDCL
D.G. Sets for Back Up power	1 no. 500 KVA
Parking Provided	494 nos.
Total no. of trees	543 nos.
Total project cost (Rs.)	Rs.2,51,21,97,034.12

- The project proponent presented their EC application in the 25th reconstituted SEAC meeting held on 08.12.2021 and based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - i. Detailed study of sub-surface lithology to be submitted.
 - ii. An undertaking has to be submitted on 'all 21 recharge pits are located in green area/virgin soil'.
 - iii. A declaration has to be submitted regarding capacity and location of storage tank of treated sewage (coming from the NKDA STP). Inlet and outlet connectivity of the said tank with STP has also to be mentioned. Analysis of the raw and treated water should be submitted.
 - iv. Clearance from Airport Authority of India, if any.
 - v. Revised EMP should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-

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65/2017.IA.III dated 30.09.2020. Need based activity to be included in the EMP. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered.

- vi. Depth of recharge well has not been correctly mentioned in presentation. This should be revised.
- vii. Solar power harnessing scheme with all relevant details.
- viii. Details of plantation and their survival plan.
- ix. Pollution of DG set – like pollution due to spent oil and air-pollution, distance from the buildings, height of discharge pipe should be checked.
- x. Emergency evacuation plan and procedure, internal and external communication plan.
- xi. Provide High Rise Building related following environmental documents as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - a) Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - b) Air circulation (effect on natural ventilation and wind speed).
 - c) Day lighting (how dependence on artificial lighting during daytime is affected).
- The project proponent had submitted reply on 17.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. The SEAC scrutinized the documents submitted by the project proponent in the meeting and deliberated on the submissions made by the project proponent. It was noted that there is a typographical error in Micro climatic report. Also, provision of children play area as shown in the Sanction Building Plan, not reflected in DFO approved plantation plan. The SEAC accepted the final proposal consisting of various environmental parameters and salient features and **recommended Environmental Clearance** for the proposed project with the following additional conditions :-
 - i. The project proponent should obtain clearance from Airport Authority of India before construction activity.
 - ii. Project proponent should strictly comply with the D.F.O. approved plantation plan.

2. **Proposed expansion of Township “URBANA” by M/s. Bengal NRI Complex Ltd. at 782 & 783, Anandapur, P.O. – EKTP, P.S. – Tiljala, under KMC Ward No. 108, Borough No. XII, Kolkata – 700 107, West Bengal. (Proposal No. SIA/WB/ MIS/223396/2021). Name of the Environmental Consultant is M/s. ULTRA-TECH**

Activity:

- This is a proposal for expansion of township project ‘URBANA’ having total built up area of 185417.351 sqm. (Tower 8,9,10 with Commercial & MLCP block – 180830.486 sqm. and other construction area – 4586.865 sqm.) on a total land area of 262760.20 sqm. Project details for expansion proposal are as follows:-.

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	Tower 1-7 with basement I & II, Mezzanine & Residents activity centre as per EC dated 28.03.2016	Bungalows as per EC dated 08.12.2016	Present Development as per KMC Sanction Plan Plan (Tower 8,9,10 and Commercial with MLCP)	Total scenario
Total land area	114408.16 sqm	129198.16 sqm	22153.88 sqm	262760.2 sqm
Total Built-up Area	364641.81 sqm.	146507.91 sqm.	185417.351 sqm.	696567.071 sqm.
Block details	Tower 1- G+40, Tower 2- G+45, Tower 3- G+45, Tower 4- G+45, Tower 5- G+45, Tower 6- G+45, Tower 7- G+40, Basements I & II, Mezzanine & Residents' Activity centre (2B+G) & CESC building – G+3 storied (services)	-----	Tower 8 – G+42, Tower 9 – G+42, Tower 10 – G+42, Commercial Block- 2 storied, MLCP - 4 storied	Tower 1- G+40, Tower 2- G+45, Tower 3- G+45, Tower 4- G+45, Tower 5- G+45, Tower 6- G+45, Tower 7- G+40, Basements I & II, Mezzanine & Residents' Activity centre (2B+G). Tower 8- G+42, Tower 9- G+42, Tower 10- G+42, Commercial Block – 2 storied, MLCP – 4 storied & CESC building – G+3 storied (services)
No. of flats	1170 no.	53 nos. of bungalows	656 no.	1826 nos. flats and 53 no. of bungalows

Chronology of the event:

- The unit presented their proposal for Terms of Reference presentation in 161st SEAC meeting held on 31.08.2018.
- In accordance with the recommendation of the SEAC, ToR was issued on 12.10.2018.
- The project proponent submitted the final EIA report which was considered in the 173rd SEAC meeting held on 13.05.2019 and the SEAC recommended stipulated conditions for Environmental Clearance on 08.07.2019.
- The project proponent withdrawn their EC application (Proposal No. SIA/WB/ NCP/30119/2018) and submitted a fresh EC application along with final EIA report and sanction building plan by KMC on 06.08.2021 at PARIVESH Portal as per Notification of Dept. of Env. dated 17.12.2019.
- The project proponent presented their EC application in the 20th reconstituted SEAC meeting held on 08.09.2021 and based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration: -

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- i. Hydrogeological study and ground water modelling considering the impact of withdrawal of ground water.
 - ii. Since the project is located in the fringe area of EKW, an observation from East Kolkata Wetland Management Authority to be provided.
 - iii. Ground water permission from the competent authority.
 - iv. Location of bore wells, depth of bore well including strainer depth.
 - v. Detailed species of fauna to be mentioned as found in primary and secondary study.
 - vi. EMP should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered.
 - vii. Design details of recharge well.
 - viii. Present status of solar power utilisation.
 - ix. Details of the water treatment plant for swimming pool to be provided.
 - x. In view of their findings about presence of 14 faunal species in the study area, the project proponent should submit details about those species and confirm if these species do not belong to conservation category of the Wild Life Protection Act, 1972.
- The SEAC also recommended that a site inspection in this regard will be conducted by SEAC in order to assess the compliance of the earlier EC conditions.
 - The project site was inspected by the SEAC on 27.11.2021 (Copy of the inspection report is enclosed as **Annexure – 1**).
 - The project proponent had submitted their reply on 04.12.2021 in PARIVESH Portal.
 - The reply from the project proponent and the inspection report was considered by the SEAC in the 27th meeting held on 30.12.2021 and after careful consideration of submission, the committee recommended that the project proponent should submit :-
 - i. High Rise Building related following environmental documents as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - a) Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - b) Air circulation (effect on natural ventilation and wind speed).
 - c) Day lighting (how dependence on artificial lighting during daytime is affected).
 - ii. During inspection on 06.10.2021, the SEAC had requested that the project proponent should submit the following :
 - a) WTP back wash mechanism and disposal.
 - b) Raw water Test Report.
 - c) Solar power generation Status.
 - d) Disposal of waste (discarded lube oil and Filter) from DG sets and AMC, if any.
 - e) Ground water with present operational hours and status of flow meter.
 - The project proponent had submitted reply on 17.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. The SEAC scrutinized the

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documents submitted by the project proponent in the meeting and deliberated on the submissions made by the project proponent. The SEAC accepted the final proposal consisting of various environmental parameters and salient features and **recommended Environmental Clearance** for the proposed project with the additional condition that -

- a) the project proponent should submit corrected copy of micro-climatic study.
- b) Flowmeters (including totaliser) with recorders (for raw, treated, recycled and discharged wastewater should be installed and the recorded values should be submitted with half-yearly compliance reports.

3. Proposed Residential Complex by M/s. Brisk Sales Pvt. Ltd. & Others at Mouza – Raigachi No. 1, JL No. 12, PO & PS – Rajarhat, under Rajarhat Bishnupur No. 1 Gram Panchayat, Vill – Bhatenda, Raigachi Bottala, Rajarhat Main Road, Kolkata – 700 135, Dist – North 24 Parganas, West Bengal. (Proposal No. SIA/WB/MIS/120061/2019). Name of the Environmental Consultant is M/s. Centre for Sustainable Development. (VIOLATION CASE)

Activity:

- This is a proposal for Residential Complex comprising of 6 nos. B+G+11, 9 nos. G+13, 1 no. B+G+7 MLCP and 1 no. G+3 storied club. Total built up area 168245.41 sqm. and total land area 51497.46 sqm. Total no. of flats 1327.

Chronology of the event:

- Salient features of the proposed project are –

Land Area	51,497.46 sq.m			
No. of Flat	1327 nos.			
Expected Population		Occupancy Type	No. of Occupants	
		Residents	7358 persons	
		Residential Floating	736 persons	
		Service Staff	100 persons	
		Total Occupants	8194 persons	
Block details	6 nos. B+G+11, 9 nos. G+13, 1 no. B+G+7 MLCP, 1 no. G+3 Club			
Total Water requirement	1104 KLD			
Fresh Water requirement	668 KLD			
Wastewater generated	807 KLD			
Wastewater recycled	411 KLD			
Wastewater discharged	356 KLD			
Solid waste disposal	Total - 4.07 tonne/day Organic - 1.63 tonne/day			
Total Built-up Area	1,67,492.40 sq.m			
Ground Coverage	19,166.29 sq.m (37.22%)			
Service Area	1485.57 sq.m (2.88%)			
Shaft Area	468.51 sq.m (0.91%)			
Internal Road Area	12,022.34 sq.m (23.35%)			
Semi Paved Area	6480.37 sq.m (12.58%)			
Tree Plantation Area	10,340.59 sq.m (20.08%)			

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Soft Area	183.06 sq.m (0.36%)
Other Green Area	1019.38 sq.m (1.98%)
Swimming Pool	270.65 sq.m (0.52%)
Water Body	60.70 sq.m (0.12%)
No. of solar street lights Proposed	As per relevant guidelines
No. of Parking spaces proposed	Car Parking Required: 684 (Tenements = 588, Club = 96) Car Parking Provided: 1268 Nos. [Covered Existing in Basement & Gr. = 133, Covered under construction = 152, Covered Proposed = 74, Covered in Podium = 113, Covered in MLCP = 478, Open Parking = 318]
No. of Trees proposed	372 nos.
Daily Power requirement (peak demand load)	5695 kW, WBSEDCL
Backup Power	D.G. Sets of 2 X 500, 3 X 600 & 1 X 380 kVA
Project Cost (Rs.)	Rs. 511.74 Crores

- The project proponent applied for ToR under violation case and presented their proposal for Terms of Reference in the 162nd SEAC meeting held on 14.09.2018.
- In accordance with the recommendation of the SEAC, ToR was issued vide memo no. 684-2N-43/2015 (E) dated 05.12.2018.
- The project proponent submitted Final EIA report on 27.01.2020 and presented their proposal for Final EIA report in the 187th SEAC meeting held on 01.02.2020.
- The Committee after deliberations recommended that the project proponent should submit the following:
 1. Revised project cost (detailed breakup including present value of land cost) of the entire project duly certified by the Competent Authority.
 2. Detailed survey report of the layout of the entire project area, especially the exclusive tree plantation area, by a registered Architect / Govt. empanelled surveyor.
 3. Plantation Plan.
 4. Summary chart of land schedule documents.
- The project proponent submitted their reply on 02.09.2020 which was considered in the 4th meeting of SEAC held on 09.10.2020 and the committee after scrutinizing the all relevant documents, recommended that the project proponent should submit the following clarifications/documents:
 - a) There is a mismatch in area statement in comparison to submitted sanctioned building plan. Necessary clarification and required document to be submitted.
 - b) Detailed survey report is not tallying with the submitted sanctioned building plan. Necessary clarification and required document to be submitted.
 - c) Land document belongs to HIDCO to be submitted.
- The project proponent submitted their reply on 10.12.2020, which was considered in the 8th meeting of reconstituted SEAC which was held on 22.12.2020. SEAC scrutinized the documents submitted by the project proponent in the meeting and recommended that a fresh inspection may be conducted to ascertain the present status of the project.

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- An inspection was conducted on 23.01.2021, which was considered in the 13th reconstituted SEAC meeting held on 12.03.2021 and after detailed deliberation, SEAC accepted the final proposal consisting of various environmental parameters and salient features and recommended Environmental Clearance for the proposed project with the additional conditions in addition to standard conditions that the project proponent should strictly comply with the guidelines for High Rise Buildings, issued by MoEF, GoI vide No. 21-270/2008-IA.III dated 07.02.2012. However, the recommendation was not forwarded to SEIAA as a complaint from Shri Ankur Sharma has been received by WBPCB regarding filling of water bodies for construction of a residential complex namely 'Siddha Galaxia Phase II'.
- The phase I of the project consisting of 6 blocks of B+G+11 – completed and occupied.
- An inspection was conducted by the WBPCB on 05.10.2021.
- From the latest inspection report status of Phase II as given below:

Block / building	Storey	Construction completed	Total finish and hand over
06 nos.	G+13	Yes	Yes
02 nos.	G+13	No / ongoing	No
01 no.	G+13	No/not started	No
1 no. club block & swimming pool	G+3	Civil construction completed	—
1 no. MLCP Block	B+G+7	Ongoing	—

- From the inspection report mentioned above, it is observed that 'no signs of filling of any waterbody as alleged or even existence of any live waterbody within the project area could be noted during inspection'.
- Considering the above, SEAC deliberated on the relevant documents as submitted by the project proponent earlier and also the complaint and inspection report. SEAC decided that the project proponent should submit the following documents / clarification through PARIVESH Portal:
 - Land conversion of the entire project.
 - Sanction building plan for entire project.
 - Remediation plan for violation project in line with the Order of the Principal Secretary, Department of Environment vide No.1312/EN/T-II-1/052/2016 dated 30.05.2018.
 - Plantation plan in 1:100 scale mentioning number of trees and species.
 - Up to date construction status of the project (built up area and building profile).
- The project proponent had submitted reply on 18.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. SEAC scrutinized the documents submitted by the project proponent in the meeting. SEAC observed that the project proponent had submitted the remediation plan amount based on 1.5% of the project cost. Since the project proponent had not submitted earlier application to SEIAA before taking up construction for the violation portion, the SEAC recommended that the remediation plan should be fixed at 2% of the project cost as per the Notification issued by the Principal Secretary, DoE, vide No. 1312/EN-II-1/052/2016 dated 30.05.2018.

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- The SEAC accepted the final proposal consisting of various environmental parameters and salient features and **recommended Environmental Clearance** for the proposed project under violation category with the condition that -
 - a) the remediation plan should be fixed at 2% of the project cost as per the Notification issued by the Principal Secretary, DoE, vide No. 1312/EN-II-1/052/2016 dated 30.05.2018.
 - b) Flowmeters (including totaliser) with recorders for raw, treated, recycled and discharged wastewater should be installed and the recorded values should be submitted with half-yearly compliance reports.

4. **Proposed expansion of Residential Complex by M/s. Amitis Developers LLP at Mouza – Banagram, JL No. 16, R.S. Dag. No. 358, 359, 362, 363, 364, 385, 386, 389, 390, 391, 392, 393, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 389/477 & Mouza – Sarmasterchak, JL No. 17, R.S. Dag No. No. 1, 3, 11, 12, 13, 14, 15, 15/162, 15/163, 23, 23/165, PS – Bishnupur, PO – Kulerdari and Rasapunja, under Kulerdari and Rasapunja Gram Panchayats, Dist – South 24 Parganas, West Bengal. (Proposal No. SIA/WB/MIS/229498/2021). Name of the Environmental Consultant is M/s. Centre for Sustainable Development**

Activity:

- This is a proposal for expansion of existing residential complex.
- The existing project obtained Environmental Clearance from the SEIAA, West Bengal vide EC No.1411/EN/T-II-I/032/2017 dated 08.06.2018.

Chronology of the event:

- Salient features of the proposed expansion project are –

Salient features	As per Environmental Clearance of the Existing Phase, accorded by SEIAA	Proposed Expansion (Phase - IIA)	Total Scenario (Existing + Expansion Phases)
Land Area	: 76,826 sq.m.	--	76,826 sq.m
Latitude & Longitude	22°26'28.78"N & 88°17'35.39"E		
No. of flats	894 nos.	548 nos.	1442 nos.
Building Profile	: G + 12 Storied = 5 Nos. G + 14 Storied = 2 Nos. B + G + 2 Storied = 1 No. (MLCP)	G + 17 Storied = 1 No. B + G + 3 Storied = 1 No. (Podium)	G + 12 Storied = 5 Nos. G + 14 Storied = 2 Nos. G + 17 Storied = 1 No. B + G + 2 Storied = 1 No. (MLCP) B + G + 3 Storied = 1 No. (Podium)

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Salient features	As per Environmental Clearance of the Existing Phase, accorded by SEIAA	Proposed Expansion (Phase - IIA)	Total Scenario (Existing + Expansion Phases)
Expected Population	: Residents - 3928 persons, Residential Floating - 393 persons, Club Users - 428 persons, Retail Area Employee - 15 persons, Retail Area Floating - 135 persons, Service Staff - 50 persons, Total Occupants - 4949 persons	Residents - 2944 persons, Residential Floating - 294 persons, Retail Area Employee - 28 persons, Service Staff - 20 persons, Total Occupants - 3286 persons	Residents - 6872 persons, Residential Floating - 687 persons, Club Users - 428 persons, Retail Area Employee - 43 persons, Retail Area Floating - 135 persons, Service Staff - 70 persons, Total Occupants - 8235 persons
Total Water requirement	: 779 kLD (Operation Stage)	380 kLD (Operation Stage)	1159 kLD (Operation Stage)
Fresh Water requirement	: 413 kLD (Groundwater Supply)	268 kLD (Groundwater Supply)	681 kLD (Groundwater Supply)
Wastewater generated	: 495 kLD (to be treated in STP)	323 kLD (to be treated in STP)	818 kLD (to be treated in STP)
Treated Wastewater Reused	: 354 kLD (Landscaping, road cleaning & dual plumbing)	103 kLD (Landscaping, road cleaning & dual plumbing)	457 kLD (Landscaping, road cleaning & dual plumbing)
Rainwater used	16 kLD	13 kLD	29 kLD
Wastewater discharged	: 92 kLD (to be discharged into road side drain after treatment in S.T.P.)	228 kLD (to be discharged into road side drain after treatment in S.T.P.)	320 kLD (to be discharged into road side drain after treatment in S.T.P.)
Solid waste disposal	: 2.412 tonnes per day (to be disposed off through Panchayat & Onsite mechanical Composting)	1.658 tonnes per day (to be disposed off through Panchayat & Onsite mechanical Composting)	4.07 tonnes per day (to be disposed off through Panchayat & Onsite mechanical Composting)
Total Built-up Area	89,789 sq.m	56,549.36 sq.m	1,46,338.36 sq.m
Ground Coverage	: 8,971.3 sq.m (11.68 % of Land Area)	6311 sq.m (8.21 % of Land Area)	15,282.30 sq.m (19.89 % of Land Area)
Area under Service	: 2,726.17 sq.m (3.55 % of Land Area)	--	3,097.41 sq.m (4.03 % of Land Area)
Internal Road (Paved Surface)	: 11,951.24 sq.m (15.55 % of Land Area)	--	10,235.39 sq.m (13.32 % of Land Area)
Semi Paved Area	: 9,848.11 sq.m (12.82 % of Land Area)	--	15,370.26 sq.m (20.01 % of Land Area)

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Salient features	As per Environmental Clearance of the Existing Phase, accorded by SEIAA	Proposed Expansion (Phase - IIA)	Total Scenario (Existing + Expansion Phases)
Existing Waterbody	1895 sq.m	--	--
Proposed Waterbodies (Existing + Compensatory)	: 2,144.80 sq.m (2.80 % of Land area)	--	2,144.80 sq.m (2.79 % of Land Area)
Exclusive Plantation Area	: 15,369.73 sq.m (20.00 % of Land Area)	--	15,442.92 sq.m (20.10 % of Land Area)
Area for Future Development	: 25,814.61 sq.m (33.60 % of Land Area)	--	15,253.06 sq.m (19.85 % of Land Area)
Plantation Proposed	: Existing – 185 nos. To be Removed – 41 nos. To be Relocated – 69 nos. To be Retained – 75 nos. Proposed – 1100 nos. Total – 1244 nos.	--	Existing – 144 nos. Proposed – 1004 nos. Total – 1148 nos.
No. of Parking spaces proposed	: 622 (open – 274, covered – 348)	438 (covered = 326, open = 112)	1060 (covered = 674, open = 386)
Solar street lights proposed	: 35 nos.	--	As per relevant guidelines
Total Power requirement	: 3632 KVA, WBSEDCL (Minimum of 1% of the demand load should be from solar power)	2408 KVA, WBSEDCL	6040 kVA, WBSEDCL (Minimum of 1% of the demand load should be from solar power)
Use of Solar Power	At least 1% of total demand load to be met from solar power source	At least 1% of total demand load to be met from solar power source	At least 1% of total demand load to be met from solar power source
Backup Power	: 1 X 750 kVA + 1 X 500 kVA	1 X 750 kVA + 1 X 500 kVA	2 X 750 kVA + 2 X 500 kVA
Total project cost (Rs.)	: Rs. 218.70 crore	Rs. 177 crores	Rs. 395.70 crores

- The project proponent presented their EC application in the 23rd reconstituted SEAC meeting held on 27.10.2021 and based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - Dag /Plot nos. are not matching in Form I and Mouza Map. Proper clarification to be submitted.

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- ii. Permission for relocation of waterbody.
 - iii. Revised EMP for the 1st Phase and also for the proposed phase should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered. They may also consider enhancement of facilities at the nearby hospital of Bharat Sevashram Sangha.
 - iv. Number of discharge points with analysis of ponds water. Quantity of waste water and quantity to be discharged from different outfall with their capacity and existing load on the drain.
 - v. Number of bore wells, location of bore wells and the mutual distance between the nearest wells. Diagram of locations of the existing bore wells should be provided.
 - vi. Subsurface geology of the area and depth of water level from the ground surface.
 - vii. Lithological profile should be provided.
 - viii. Analysis report of groundwater from 8 borewells (as per IS10500:2012) similar in depth of the proposed borewells.
 - ix. Rainwater harvesting diagram should be revised along with the recharge well structure.
 - x. Aquifer disposition to be shown.
 - xi. Permission for extraction of ground water from the competent authority.
 - xii. Survival plan for the planation should be submitted.
 - xiii. Glass window and glass facade should be provided in such a way that it should not create hindrances to the avifauna.
 - xiv. Certified compliance report of the previous EC condition from the competent authority should be submitted.
 - xv. Drone photography to be submitted.
 - xvi. Agreement with the competent authority for waste water and disposal of solid waste.
 - xvii. Plan for embankment / shore protection of the waterbody.
 - xviii. Report of the bore well water analysis, especially with respect to its arsenic content.
 - xix. Plan of solar energy generation to be incorporated.
 - xx. Emergency preparedness and response plan.
 - xxi. Depth to water level map and water level elevation contour map with groundwater flow directions.
 - xxii. Location of existing and proposed borewells should be provided in the above maps.
- The project proponent had submitted reply on 20.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. Inspection of the project site was conducted by the WBPCB on 29.12.2021. Inspection report is attached as **Annexure - 2**.
 - SEAC scrutinized the documents submitted by the project proponent along with the report of inspection in the meeting and observed that the reply submitted by the project proponent is

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inadequate. Therefore, the SEAC recommended that project proponent should submit the following clarifications/documents through PARIVESH Portal:

- i. Complete land documents including Developers Agreement and Power of Attorney.
- ii. Permission from the competent authority for abstraction of 681 KLD of ground water.
- iii. Revised EMP should be submitted.
- iv. Revised solar power plant design should be submitted.
- v. The depth of recharge pits should be staggered and located in medium to coarse layer. Revised design to be submitted.
- vi. Plan for installation of flowmeters (including totalisers) with recorders for raw, treated, recycled and discharged wastewater to be installed.
- vii. Detailed list of trees (to be retained and trees to be relocated) mentioning the name of the plants, approximate bole in cms, BHG in cms, numbers and the point of relocation along with a copy to the DFO concerned for favour of information.
- viii. A plantation plan to the scale of 1:100 duly approved by the DFO.

The above documents should be submitted by the project proponent in the PARIVESH portal for further consideration of their case.

Industry Sector

5. **Proposed Common Biomedical Waste Treatment Facility by M/s. Greentech Environ Management Pvt. Ltd. at JL No. 142, Plot No. 4 & 6, Mouza – Radharamanpur, Block – Barjora, Dist – Bankura, West Bengal. (Proposal No. SIA/WB/NCP/63326/2019). Name of the Environmental Consultant is M/s. SMS Envocare Limited**

Activity:

- This is a proposal for Common Biomedical Waste Treatment Facility

Chronology of the event:

- Salient features of the proposed project are –
 - i. Total land area – 1.49 Acre

	Area in acres	Area in sq.m.
Area used for BMW	1.49	6029.816
Total development area	1.0	4046.86
Total Green belt area	0.49	1982.96
Area of vacant land	0.68	2751.862
Total area of land	2.17	8781.678

- ii. Location –JL No. 142, Plot No. 4 & 6, Mouza – Radharamanpur, Block – Barjora, Dist – Bankura, West Bengal.
- iii. Proposed plant capacity – Incinerator – 250 kg/hr.
Autoclave – 640 liters/batch
Shredder – 200 kg/hr.
Effluent Treatment Plant (ETP) – 50 KLD
- iv. Latitude & Longitude - 23°21'41.9"N & 87°17'17.4"E

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- v. Raw materials requirement – Biomedical waste, plastic colour coded bags, plastic colour coded containers, spares, chemicals, personal protective equipment.
- vi. Manpower requirement – total 60 persons
- vii. Water requirement – 50 CMD (Source - bore well & water tankers)
- viii. Power requirement – 80 KVA
- ix. Backup power – DG Set 62.5 KVA
- x. Total project cost – Rs.10 crores
- The unit presented their proposal for Terms of Reference presentation in 179th SEAC meeting held on 24.08.2019.
- In accordance with the recommendation of the SEAC, ToR was issued vide letter dated 02.09.2019.
- Public Hearing was conducted on 18.12.2020.
- The project proponent submitted Final EIA report on 16.08.2021.
- The project proponent was called for presentation on 26.08.2021 before SEAC. However, the presentation could not be accepted as the environmental consultant M/s. SMS Envocare Ltd. could not produce the valid accreditation certificate from NABET.
- As requested by the project proponent, SEAC called them for final EIA report presentation in the 23rd reconstituted SEAC meeting held on 27.10.2021. Accordingly, the project proponent presented their proposal on 27.10.2021 and based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration: -
 - i) Permission from the Health & Family Welfare Dept., Govt. of WB and State Pollution Control Board.
 - ii) Complete land document including land conversion.
 - iii) Greenbelt plan to be recast and submitted.
 - iv) Total water requirement and permission from the competent authority to be provided.
 - v) Revised EMP should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered.
 - vi) Depth of study wells.
 - vii) Water sampling data at eight locations as provided in the EIA report, does mention about the depth and type of well (Dug wells / bore well). Necessary clarification to be provided.
 - viii) Data provided in the EIA report are more than three years, reasons to be provided.
 - ix) Subsurface geology and aquifer disposition to be provided.
 - x) Superimposed maps of earlier proposed location of the project and the present proposed location within 10 km. radius.
 - xi) Provision for rainwater harvesting facility to be provided.
 - xii) Agreement with the hazardous waste management agency with quantity of waste.
 - xiii) Detail plan of ambient air monitoring (sampling , study parameters etc.).
 - xiv) Detail plan of fugitive emissions and mitigation.

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- xv) Safety measures to be adopted within the processing areas.
 - xvi) Depth to water level map and water level elevation contour map with groundwater flow directions.
 - xvii) Location of proposed borewells should be provided in the above maps. The total depth of the proposed well should also be mentioned
 - xviii) Height of the ambient air quality monitoring stations should be provided.
- The project proponent had submitted reply on 17.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. SEAC scrutinized the documents submitted by the project proponent in the meeting and observed that the reply submitted by the project proponent is inadequate and not addressed properly. Therefore, the SEAC recommended that project proponent should submit the following clarifications/documents through PARIVESH Portal:
 - i. Land conversion certificate should be submitted.
 - ii. A time bound progressive green belt development plan may be prepared and followed indicating quantitative coverage, plant species, spacing and time frame. A schematic planting prescription for an area of one Ha. is annexed as **Annexure 3**.
 - i. Revised EMP based social aspects and community outreach should be submitted.

The above documents should be submitted by the project proponent in the PARIVESH portal for further consideration of their case.

6. Proposed Baguli Stone Mine by Shri Chinmoy Mondal at Mouza – Baguli, JL No. 2, Block & PS – Jamuria, Dist – Paschim Bardhaman, West Bengal (Proposal No. SIA/WB/MIN/190416/2020) Name of the Environmental Consultant is M/s. RSP Green Development & Laboratories Pvt. Ltd

Activity:

- This is a fresh proposal for Baguli Stone Mine (Area – 2.99 ha. of 7.39 acres) of capacity 303103.2 MT/annum Black Stone at Mouza – Baguli, JL No. 2, Block & PS – Jamuria, Dist – Paschim Bardhaman, West Bengal.

Chronology of the event:

- The project proponent presented their proposal in the 19th reconstituted SEAC meeting held on 26.08.2021 and based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - i. Approved Mining Plan.
 - ii. Valid LOI from the Competent Authority.
 - iii. Details of mining equipment used for excavation should be submitted.
 - iv. Management plan for excavated topsoil, greenbelt and over burden.
 - v. Summary information about the area, pits slope and method of excavation.
 - vi. Details about mine, plan and section.
 - vii. Scheme of mining.

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- viii. Permission for obtaining of water from the Competent Authority and transportation to the site.
- ix. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered based on local public need.
- x. Year wise schedule of overburden removal and placement including rehandling. Details regarding backfilling and outside-the-pit dumping may be provided.
- xi. Progressive and final mine-closure plan clearly showing post mining land uses. Reclamation Plan.
- xii. Plan for utilisation of the mine void after mining.
- xiii. Measures adopted for slope stabilisation.
- xiv. Green belt Plan in scale including tree density perimeter length and tree species. (as recommended by the DFO) along with plant maintenance should be indicated.
- xv. Occupational health monitoring for the labourer to furnish.
- xvi. Geological details of the dolerite dyke that will be mined and the surrounding rocks including fracture orientation.
- xvii. Measurement of post-monsoon depth to water level below ground level of the shallow aquifer and the depth of the wells measured in and around the project site with photographic evidence and groundwater management plan. Few measurements to be taken upslope and downslope of the dolerite dyke.
- The project proponent had submitted reply on 22.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022. SEAC scrutinized the documents submitted by the project proponent in the meeting and observed that the tree plantation plan was not submitted in a proper manner. It was also observed that approved District Survey Report (DSR) shall form the basis for application for environmental clearance, preparation of reports and appraisal of projects. However, since no approved DSR for minor mineral is available for the district, the SEAC recommended that project proponent should submit the following clarifications/documents through PARIVESH Portal:
 - a) Approved DSR should be submitted.
 - b) A time bound progressive green belt development plan may be prepared and followed indicating quantitative coverage, plant species, spacing and time frame. A schematic planting prescription for an area of one Ha. is annexed as **Annexure 4**.

The above documents should be submitted by the project proponent in the PARIVESH portal for further consideration of their case.

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B. Miscellaneous

- 1. Validity extension of Environmental Clearance for the proposed Residential Complex Siddha Eden Lakeville (formerly Bonhooghly Tenement Scheme) by Refugee Relief & Rehabilitation Department, Govt. of West Bengal at Premises No. 561, Bonhooghly Arable Land, PS – Belghoria, Baranagar Municipality Ward No. 15 (old 31/29), Holding No. – 4 (old No. 1290), Kolkata – 700035, Dist – 24 Parganas (North), West Bengal. (Proposal No. SIA/WB/ MIS/236421/2021). Name of the Environmental Consultant is M/s. Ultra Tech.**

Activity:

- This was a proposal for Residential Complex composing of 25 (G+15) blocks, 50 (G+3) blocks, 2 community halls and underground car parking with 2412 no. dwelling units.
- The project proponent had obtained Environmental Clearance vide no. 2579/EN/T-II-1/011/ 2014 dated 16.10.2014 issued by SEIAA for the project.
- Now the project proponent applied in PARIVESH portal for extension of validity period for the EC dated 16.10.2014.
- Project proponent submitted six-monthly compliance report for EC to WBPCB.

Chronology of the event:

- The matter was considered in the 26th reconstituted SEAC meeting held on 15.12.2021 and after detailed discussion the committee noted that as per the EIA Notification, 2006 and its subsequent amendments, the present EC is still valid.
- SEAC recommended that the project proponent should submit documents regarding the present status of the project with dated photographs and documents regarding power of attorney.
- The project proponent had submitted reply on 16.01.2022 in PARIVESH Portal, which was considered by the SEAC in the 30th meeting held on 27.01.2022.
- SEAC scrutinized the documents submitted by the project proponent in the meeting and recommended that the validity period of EC may be extended as per the EIA Notification, 2006 and its subsequent amendments.

- 2. Proposed expansion of residential complex by M/s. RDB Realty & Infrastructure Limited at G.T. Road, Golapbagh, Mohalla – Keshabganj, Mouza – Goda, Holding No. 342, Ward No. 1, J.L. No. – 41, RS Dag Nos. - 2194, 2195, LR Dag No. - 2184, LR Khatian No. - 8077, P.S. – Burdwan, under Burdwan Municipality, Dist. – Burdwan, Pin – 713101, West Bengal. (Proposal No. SIA/WB/NCP/72216/2018) Violation case. Name of the Environmental Consultant is M/s. Centre for Sustainable Development.**

Activity:

- This is proposal for residential building comprising of -

	Existing (Phase-I)	PHASE II	Proposed (PHASE – I + II)
Building profile	1 block of G+7 storied building	4 Nos. B+G+11 Residential 1 No. G+3 Commercial 1 No. B+G+5 Commercial	Total – 7 blocks Residential = 5, Residential Block = 1 no. G + 7 storied & 4 No. B + G + 11 storied Commercial = 2

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			Commercial Block = 1 no. B + G + 5 storied & 1 no. G + 3 storied
no. of flats	84	296	380
Total Built up area	9248.89 sq.m	37,385.37	46634.26 sqm.
Land area	14,008 sqm.		

Chronology of the event:

- The case was put up for consideration in the 2nd meeting of reconstituted SEAC held on 24.08.2020. After carefully considering the submission by the project proponent, SEAC noted that the project proponent had already initiated construction activities for the proposed expansion project without obtaining Environmental Clearance. Therefore, the project proponent has violated the provisions of EIA Notification, 2006 and its amendments. However, as requested, the project may be considered under violation category in terms of O.M. issued by MoEF&CC vide F No. 22-10/2019-IA.III dated 09.09.2019, since the original EC application made on 12.01.2018 (prior to 13.04.2018). Hence, the SEAC recommended that the proposal to be forwarded to SEIAA for consideration under Violation Category. Therefore, the committee recommended matter may be referred to SEIAA for taking appropriate action as it is a violation case.
- SEIAA requested the SEAC through letter dated 15.10.2020 to process the case under Violation category.
- The project proponent presented their proposal for Terms of Reference under Violation category in the 6th reconstituted SEAC meeting held on 02.12.2020 and the committee recommended standard Terms of Reference under Violation category along with Microclimatic Study, study of storm water management and plantation plan certified by the concerned D.F.O.
- The ToR was issued by SEIAA vide Memo No. 92/EN/T-II-1/013/2018 dated 15.01.2021.
- The project proponent has requested SEAC on 14.01.2022 for consideration of the project so that they can upload the EIA report in PARIVESH portal.
- The matter was considered in the 30th meeting held on 27.01.2022 and it was decided that the project proponent to be directed to upload all relevant documents in PARIVESH portal.

Table-1 : List of the projects which were placed before the reconstituted SEAC in the thirtieth meeting held on 27.01.2022 and the Summary Decisions thereof:

<i>Sl. No.</i>	<i>Name of the unit & Project address</i>	<i>Summary Decision</i>
A. Cases placed for reconsideration		
Construction Sector		
1.	West Bengal Housing Infrastructure Development Corporation Ltd. (WBHIDCO) Proposed Affordable Housing project at Plot No-IIC/BLK-14, 15, 16 & 17, Action Area-IIC, P.S.- Eco Park, Newtown, Kolkata – 700 161.	Recommended for Environmental Clearance with additional conditions

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Sl. No.	Name of the unit & Project address	Summary Decision
2.	M/s. Bengal NRI Complex Ltd. Proposed expansion of Township “URBANA” at 782 & 783, Anandapur, P.O. – EKTP, P.S. – Tiljala, under KMC Ward No. 108, Borough No. XII, Kolkata – 700 107, West Bengal.	Recommended for Environmental Clearance with additional conditions
3.	M/s. Brisk Sales Pvt. Ltd. & Others Proposed Residential Complex at Mouza – Raigachi No. 1, JL No. 12, PO & PS – Rajarhat, under Rajarhat Bishnupur No. 1 Gram Panchayat, Vill – Bhatenda, Raigachi Bottala, Rajarhat Main Road, Kolkata – 700 135, Dist – North 24 Parganas, West Bengal.	Asked for additional submission
4.	M/s. Amitis Developers LLP Proposed expansion of Residential Complex at Mouza – Banagram, JL No. 16, R.S. Dag. No. 358, 359, 362, 363, 364, 385, 386, 389, 390, 391, 392, 393, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 389/477 & Mouza – Sarmasterchak, JL No. 17, R.S. Dag No. No. 1, 3, 11, 12, 13, 14, 15, 15/162, 15/163, 23, 23/165, PS – Bishnupur, PO – Kulerdari and Rasapunja, under Kulerdari and Rasapunja Gram Panchayats, Dist – South 24 Parganas, West Bengal.	Asked for additional submission
Industry Sector		
5.	M/s. Greentech Environ Management Pvt. Ltd. Proposed Common Biomedical Waste Treatment Facility at JL No. 142, Plot No. 4 & 6, Mouza – Radharamanpur, Block – Barjora, Dist – Bankura, West Bengal.	Asked for additional submission
6.	Shri Chinmoy Mondal Proposed Baguli Stone Mine at Mouza – Baguli, JL No. 2, Block & PS – Jamuria, Dist – Paschim Bardhaman.	Asked for additional submission
B. Miscellaneous Cases		
1.	Refugee Relief & Rehabilitation Department, Govt. of West Bengal Validity extension of Environmental Clearance for the proposed Residential Complex Siddha Eden Lakeville (formerly Bonhooghly Tenement Scheme) at Premises No. 561, Bonhooghly Arable Land, PS – Belghoria, Baranagar Municipality Ward No. 15 (old 31/29), Holding No. – 4 (old No. 1290), Kolkata – 700035, Dist – 24 Parganas (North), West Bengal.	Recommended for extension of validity of EC.
2.	M/s. RDB Realty & Infrastructure Limited Proposed expansion of residential complex at G.T. Road, Golapbagh, Mohalla – Keshabganj, Mouza – Goda, Holding No. 342, Ward No. 1, J.L. No. – 41, RS Dag Nos. - 2194, 2195, LR Dag No. - 2184, LR Khatian No. - 8077, P.S. – Burdwan, under Burdwan Municipality, Dist. – Burdwan, Pin – 713101, West Bengal.	Asked for additional submission

The meeting ended with a vote of thanks to the Chair.

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Bhawan, Bidhannagar.**

Sd/-

(Dr. Ashit Kumar Mukherjee)
Chairman
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Nilangshu Bhusan Basu)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Anirban Gupta)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Subhendu Bandhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Goutam Kumar Saha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Roshni Sen, IAS)
Secretary
State Expert Appraisal Committee, West Bengal

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Annexure-1

Name & Address of the project	Township “URBANA” by M/s. Bengal NRI Complex Ltd. at 782 & 783, Anandapur, P.O. – EKTP, P.S. – Tiljala, under KMC Ward No. 108, Borough No. XII, Kolkata – 700 107, West Bengal.
Date & time of inspection	27.11.2021 between 14:30 to 17:30 Hrs.
Name of the inspecting official(s)	<ul style="list-style-type: none"> • Dr. Ashit Kr. Mukhopadhyay, Chairman • Dr. Aniruddha Mukherjee, Member, SEAC • Dr. Pradip Sikdar, Member, SEAC • Dr. Anirban Gupta, Member, SEAC • Dr. Sampa Chakraborty, Member, SEAC • Dr. Nilangshu Bhushan Basu, Member, SEAC
Person(s) met during inspection	Shri D. Nandy, Sr. Vice President Shri Basudev Das, Environmental Consultant

Reasons for inspection

In the 20th reconstituted SEAC meeting held on 08.09.2021, the project proponent submitted their proposal for the expansion project. Considering the presentation made by the project proponent, the committee decided that the project proponent should submit the following :-

- i. Hydrogeological study and ground water modelling considering the impact of withdrawal of ground water.
- ii. Since the project is located in the fringe area of EKW, an observation from East Kolkata Wetland Management Authority is to be provided.
- iii. Ground water permission from the competent authority.
- iv. Location of bore wells, depth of bore wells including strainer depth.
- v. Detailed species of fauna to be mentioned as found in primary and secondary study.
- vi. EMP should be submitted as per Office Memorandum of MoEF&CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered.
- vii. Design details of recharge wells.
- viii. Present status of solar power utilisation.
- ix. Details of the water treatment plant for swimming pool is to be provided.
- x. In view of their findings about presence of 14 faunal species in the study area, the project proponent should submit details about those species and confirm if these species do not belong to conservation category of the Wild Life Protection Act, 1972.

It was also decided that a site inspection of the project shall be conducted to assess the present status of compliance.

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Observation:

The project proponent had submitted a proposal for expansion having built up area of 1,85,417.351 sqm (Tower 8,9,10 with Commercial & MLCP block) of URBANA township on a land area of 19,153.88 sqm. The total built up area including the expansion proposal [built up area of tower 1 to 7 with basement and mezzanine & Residents' Activity Centre – 3,64,641.81 sqm., built up area of bungalows – 146507.91 and expansion proposal - Tower 8,9,10 with Commercial & MLCP block – 1,85,417.351 sqm.] would be 6,96,567.071 sqm.

Earlier the project proponent had obtained environmental clearance for –

- i. 7 nos. of towers and Resident's Activity Centre having total built up area 3,64,641.81 sqm vide EN No. 715/EN/T-II-I/109/2008 (Pt-I) dated 28/03/2016.
- ii. 53 nos. of Bungalows having total built up area 1,46,507.91 sqm. Vide EN No. 2731/EN/T-II-I/109/2008 (Pt-I) dated 08/12/2016.

The project proponent had obtained sanction plan for the expansion project.

The details of the projects are as follows :-

	Tower 1-7 with Basements I & II, Mezzanine & residents' Activity Centre as per EC	(Bungalows) as per EC	Present Development as per KMC sanction Plan (Tower 8,9,10 and Commercial with MLCP)	Total
Total Land Area	114408.16	129198.16	19153.88	262760.2
Nos. of flats	1170 nos.	53 nos. of bungalows	656 nos.	1826 nos. flats & 53 nos. of bungalows
Block Details	Tower 1- G+40, Tower 2- G+45, Tower 3- G+45, Tower 4- G+45, Tower 5- G+45, Tower 6- G+45, Tower 7- G+40, Basements I & II, Mezzanine & Residents' Activity centre (2B+G) & CESC building – G+3 storied (services)	----	Tower 8 – G+42, Tower 9 – G+42, Tower 10 – G+42, Commercial Block- 2 storied, MLCP - 4 storied	Tower 1- G+40, Tower 2- G+45, Tower 3- G+45, Tower 4- G+45, Tower 5- G+45, Tower 6- G+45, Tower 7- G+40, Basements I & II, Mezzanine & Residents' Activity centre (2B+G). Tower 8- G+42, Tower 9- G+42, Tower 10- G+42, Commercial Block – 2 storied, MLCP – 4 storied & CESC building – G+3 storied (services)
Total Built-up Area	364641.81 sqm	146507.91 sqm	185417.351 sqm	696567.071 sqm
Exclusive Tree Plantation Area (sqm)	23887.62	33441.78	2416.47	59745.87 (22.767%)
Nos. of Trees	2040	2100	60	4200

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The present status of construction is as follows :

Status of the Construction	Received EC, Consent to Establish and Consent to Operate. Construction completed and handed over to the Flat owners.	Received EC and Consent to Establish. Currently 31 nos. of Bungalows are under construction by the respective bungalow owners.
STP	Already STP in operation having 1500 KLD design capacity. Waste water is being treated in STP. Treated water is being used in car washing, toilet flushing, landscaping.	Wastewater generated is being conveyed to the centralized STP having capacity of 1500 KLD. Treated water is being used in landscaping, car washing and road washing.
RWH	Roof top Rainwater collected, stored and Recharge through 7 nos. recharge pits.	Currently 31 nos. of Bungalows are under construction by the respective bungalows owners. As per General Terms and Conditions (GTC) respective bungalow owners will implement rain water harvesting scheme under supervision by the project proponent.
Solid waste Management	Composter and compactor installed at site. Biodegradable part is treated in composter and produce manure. Non-biodegradable, inserts are disposed off by KMC through compactor.	Currently 31 nos. of Bungalows are under construction by the respective bungalow owners.
Solar energy	Already installed 125 KWp of solar cell to produce solar energy. Major part is connected with grid and other part is being used for street lights.	Currently 31 nos. of Bungalows are under construction by the respective bungalow owners. 120 KWp solar energy will be generated on completion of the project.
Tree plantation Area	As per the Landuse plan sanctioned by KMC as well as Plantation plan approved by DFO : Tower Zone - 24083.07 + Bungalow Zone - 36955.16 + Proposed - 2416.47 = 63454.70 sqm (24.18%).	
Nos. of Trees	As per DFO Certified Plantation Plan Tower Zone – 2250, Bungalow Zone – 2560 and Present Development Zone – 179. Total Trees – 4989 nos.	

- The site for the expansion project for which the proposal for Environmental Clearance is being appraised was inspected. It was observed that no construction work for the expansion project has been started by the project proponent.
- The committee after detailed inspection directed the project proponent to submit the following:
 1. WTP back wash mechanism and disposal.
 2. Raw water Test Report.
 3. Solar power generation Status.
 4. Disposal of waste (discarded lube oil and Filter) from DG sets and AMC, if any.
 5. Ground water with present operational hours and status of flow meter.

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- Photographs of the site are enclosed herewith.



Tree Plantation



Site for Proposed Expansion



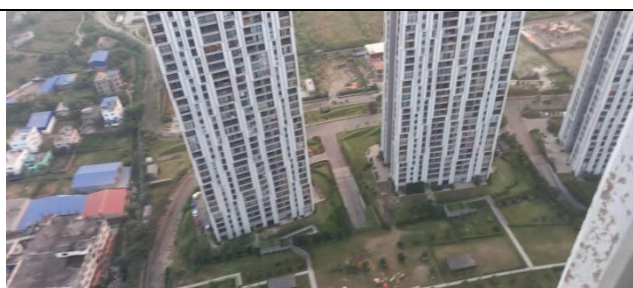
Site for Proposed Expansion



WTP



WTP



Towers



Solar Panels on Roof-top

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Compost



Compost

Sd/-

(Dr. Ashit Kumar Mukherjee)
Chairman
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Nilangshu Bhusan Basu)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Sampa Chakraborty)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Anirban Gupta)
Member
State Expert Appraisal Committee, West Bengal

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Annexure-2

Name & Address of the project	Expansion of Residential Complex by M/s. Amitis Developers LLP at Joka, PS – Bishnupur, PO – Kulerdari & Rasapunja, Dist – South 24 Parganas, West Bengal.
Date & time of inspection	29.12.2021 between 15:00 to 17:30 Hrs.
Name of the inspecting official(s)	Shri Samit Dutta, EE, EIM Cell, WBPCB
Person(s) met during inspection	Shri Susanta Mondal, Manager

Introduction:

This is a proposal for expansion of a Residential Complex having the following configuration :

Salient features	As per Environmental Clearance of the Existing Phase, accorded by SEIAA	Proposed Expansion (Phase - IIA)	Total Scenario (Existing + Expansion Phases)
Land Area	: 76,826 sq.m.	--	76,826 sq.m
Latitude & Longitude	22°26'28.78"N & 88°17'35.39"E		
No. of flats	894 nos.	548 nos.	1442 nos.
Building Profile	: G + 12 Storied = 5 Nos. G + 14 Storied = 2 Nos. B + G + 2 Storied = 1 No. (MLCP)	G + 17 Storied = 1 No. B + G + 3 Storied = 1 No. (Podium)	G + 12 Storied = 5 Nos. G + 14 Storied = 2 Nos. B + G + 2 Storied = 1 No. (MLCP) G + 17 Storied = 1 No. B + G + 3 Storied = 1 No. (Podium)
Total Built-up Area	89,789 sq.m	56,549.36 sq.m	1,46,338.36 sq.m
Exclusive Plantation Area	: 15,369.73 sq.m (20.00 % of Land Area)	--	15,442.92 sq.m (20.10 % of Land Area)
Existing Waterbody	1895 sq.m	--	--
Proposed Waterbodies (Existing + Compensatory)	: 2,144.80 sq.m (2.80 % of Land area)	--	2,144.80 sq.m (2.79 % of Land Area)

The project had already received environmental clearance vide No. 1411/EN/T-II-1/032/2017 dated 08.06.2018 for construction of the building complex having the configuration of G + 12 Storied = 5 Nos., G + 14 Storied = 2 Nos. and B + G + 2 Storied = 1 No. (MLCP) with a built-up area of 89,789 sq.m. over a land area of 76,826 sq.m.

The project had received sanction plan from Thakurpukur Mahsehtala Panchayat Samity, South 24 Parganas vide Memo No. 368 dated 28.09.2021.

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Observation:

- The project is in an advanced stage of construction. The super structure of most of the building blocks have been completed. The rest are in an advanced stage of completion.
- The site for which application construction has been proposed as per the EC application, is in the stage of development. The land is low-lying.
- Sewage Treatment Plant (STP) for phase I is yet to be installed as the project is in a construction stage. Space for STP has been earmarked.
- Tree plantation, Solar Power plant and Organic Waste Compost facility shall be taken up after completion of the project.
- One water body was observed to be physically present.
- Photographs of the site are enclosed herewith.

Sd/-

Samit Dutta
EE, EIM Cell, WBPCB



Building under construction



Site for development



Site for development



Site for development

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Designated water body



Existing waterbody

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Annexure – 3

A planting prescription for this particular CBWTF for removal of gaseous pollutants etc.

Objectives:

1. To create a stratified greenbelt which would serve as an effective sink for gaseous pollutants and a sieve for suspended particulate materials
2. To buffer noise and heat
3. Trees also absorb odours and act as a filter as little particulates get trapped in leaves.
4. Fallen tree leaves lower reduce soil temperature and prevent soil from losing too much moisture. Decaying leaves that fall onto the ground turn into nutrients for tree growth and promote microorganism development.
5. Strategically planting trees around this unit can have tremendous benefits on the environment.

Total area of this CNWTF is 1.43 acres, 33% of which will be required for green belt development i.e. 0.4719 acres or 0.1910 ha or say 0.2 ha

On considering 2500 nos of trees per ha, this CBWTF area will require 500 trees for raising greeneries around the unit.

Specie to be used for erection of a stratified green belt

Scope	Name of the tree to be planted	Botanical Name	Utility	No of trees
Along periphery	Jamun	Sizygium cumini	Effective in absorbing sulphur di oxide	30
Along periphery	Tentul	Tamarindus indica	Capable of cleaning dust from the atmosphere	30
Along periphery	Teak	Tectona grandis	Can absorb SPM from the atmosphere	40
Middle row	Neem	Azadirachta indicca	Air purifier can remove lead from the atmosphere	100
Middle row	Kanchan	Bauhinia variegata	Can effectively remove lead from the atmosphere	100
Middle row	Palash	Butea monosperma	Can effectively remove dust from the atmosphere	50
Middle row	Silver oak	Grevillea robusta	Can effectively remove dust from the atmosphere	50
Front row	Ashok	Saraca indica	Effective sink of CO ₂ and other gaseous pollutants	70
Front row	Firebrush	Hamelia patens	Effective sink of CO ₂ and other gaseous pollutants	30

Top canopy plants along periphery.....100 nos

Middle storey plant.....300 nos

Lower strata plants.....100 nos

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Prescription for a model plantation:

Items of works	Nos/rmt	Time
A)ADVANCE SOIL WORKS		
1 Digging big pits of size 60+45/2*45*45 in cms along the periphery at a spacing of 3.0 mtr	100	Feb-March
2. Digging small pits of size 45+30/2*45*45 in cms at a spacing of 2.0mtr	400	Feb-March
B) Planting Operations		
1) Sowing seeds of Akashmoni seeds	500 rmt	June
2) Collection of dry cow dung manure or compost manure including pulverizing and mixing with dug up earth of pits and filling up the pits	500 nos	June
3) Planting the seedlings in the pits by making a crowbar hole after removal of poly pots/hycopots ,at the onset of rains including collection and carriage of the seedlings from the nursery	500	June-August
4) In filling vacancies by beating up casualties	100	August
5) 1 st Mulching with Fertilizer N.P.K(10:26:26) around the seedlings after a fortnight from the date of planting	500	Aug-Sept
6) 2 nd Mulching around the plant	500	Sept -Oct
7) 3 rd Mulching around the plant	500	Dec-Jan next
8) Watch and ward	500	July -March next
Maintenance 1st year		
1) Watch and ward	500	To be continued for the next fin. Year
2) In filling vacancies with onset of rains including collection of seedlings	200	July next
3) Mulching 1 st around the seedlings	500	Aug next
4) Mulching 2 nd around the seedlings	500	Oct next
Maintenance 2nd year		
1) Watch and ward	500	To be continued for next to next five year
2) Mulching 1 st around the seedlings	500	Sept
Maintenance 3rd year		
1) Watch and ward	500	For the entire 3 rd year of planting

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Annexure – 4

A planting prescription for an area of one Ha belonging to a refractory zone having scanty rainfall.

Objectives:

1. To create greeneries where there was no tree cover
2. To increase soil quality and organic carbon levels into soil
3. To fight climate concerns and increase carbon capture
4. To buffer noise and dust

Prescription for a model plantation per Ha:

Items of works	Nos/rmt	Time	CFCB guidelines	Mandays
A) ADVANCE SOIL WORKS				
1. Digging cattle proof trenches of size 90+60/2*45*45 in cms along periphery	850	Feb-March		3.00
2. Digging short trenches of size 45+30/2*30*30 in cms along the contour/across the slope at a spacing of 5.0 mtr	2000	Feb-March		4.00
3. Digging pits of size 45+30/2*45*45 in cms at a spacing of 2.5mtr	1500 nos	Feb-March		50.00
B) Planting Operations				
1) Filling up short trenches with dug up earth	2000	May		5.00
2) Sowing seeds of Babla seeds on the berm of Cattle proof trenches	850	JUNE		2.00
3) Sowing seeds of Akashmoni seeds and Napier grass seeds over the alternate filled up short trenches	2000	June		5.00
4) Collection of seedlings from a nursery including carriage from nursery Akashmoni 1000 Chhatiwani..... 400 Mahul..... 200 Neem.....200 Segun..... 100 Tamarind..... 100	2000	June	A2, A10, A36, A44, M2, T2 and T4	
5) Collection of dry cow dung manure or compost manure including pulverizing and mixing with dug up earth of pits and filling up the pits	1500	June		50.00
6) Planting the seedlings in the pits by making a crowbar hole after removal of poly pots/hycopots, at the onset of rains	1500	June-August		20.00
7) In filling vacancies by beating up casualties	300	August		10.00
8) 1st Mulching with Fertiliser N.P.K(10:26:26) around the seedlings after a fortnight from the date of planting	1500	Aug-Sept		16.00
9) 2nd Mulching around the plant	1500	Sept -Oct		12.00
10) 3rd Mulching around the plant	1500	Dec-Jan next		12.00
11) Watch and ward	1500	July -March next		18.00
Maintenance 1st year				
(1) Watch and ward	1500	To be continued for the next five Year		35.00

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(2) In filling vacancies with onset of rains including collection of seedlings	200	July next		5.00
(3) Mulching 1 st around the seedlings	1500	Aug next		12.00
(4) Mulching 2 nd around the seedlings	1500	Oct next		12.00
Maintenance 2nd year				
(1) Watch and ward	1500	To be continued for next to next five year		35.00
(2) Mulching 1 st around the seedlings	1500	Sept		12.00
Maintenance 3rd year				
1) Watch and ward	1500	For the entire 3 rd year of planting		35.00

Total mandays generated 353 mandays @ Rs 268.00 per day = Rs 94604.00

Total cost of seedlings 2000nos @ Rs 50.00 each

including carriage..... = Rs 100000.00

Cost of seedsAkashmoni seeds 20kg..... = Rs 2400.00

Babul seeds 20kg..... = Rs 2000.00

Napier grass seeds..... Rs 8496.00

Cost of fertiliserN.P.K.10:26:26.....= Rs 25000.00

Cost of raising plantation per ha upto 3rd year maint. Rs 2,10000.00