

**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 55<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC), was held on 09.11.2022 at 2:00 p.m. in the Conference Room at Paribesh Bhawan, Bidhan Nagar. The following members participated:

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

**1) Note on Technical presentations:-**

**1.1) For Environmental Clearance**

**1.1.1) Construction Sector**

**A. Proposed expansion of Woodlands Multispeciality Hospital at Premises No. 8/5, Alipore Road, P.O. & P.S. – Alipore, under Ward No. – 74 & Borough - IX of Kolkata Municipal Corporation (K.M.C.), Kolkata – 700027.**

**Proposal No. SIA/WB/INFRA2/402657/2022**

**Project Proponent - M/s. Woodlands Multispeciality Hospital Limited.**

**Environmental Consultant - M/s. Centre for Sustainable Development.**

***Activity:***

- This is a proposal for modification and expansion of the existing hospital building namely 'Woodlands Multispeciality Hospital' of Basement + Ground + 10 storied building with additional 58 beds along with mechanized car parking (existing capacity is Ground + 4 storied hospital building with 258 beds).

***Salient Features***

- Salient features of the proposed expansion project as uploaded in the PARIVESH portal may be summed up as below –

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Salient features	Existing project	Proposed expansion project			
Land Area		6,454.48 sq.m.			
Building Profile & Capacity of Bed	G+4 storied	One hospital block – modification and expansion will be done in continuation of the existing hospital building (existing- G+4 storied, proposed expansion- B+G+10 storied)			
No. of Beds	258 (existing)	58 (proposed) total = 316			
Total Built Up Area	Total – 14008.63 sqm. (6,619.03 sq.m to be retained)	15,498.36 sq.m Total = 22,117.39 sq.m			
Ground Coverage	--	2908.76 sqm (45.06%)			
Services	--	86.63 sqm (1.34%)			
Total Paved Area	--	2328.99 sqm (36.08%)			
Surface Parking Area	--	137.50 sqm (2.13%)			
Mechanical Parking Area	--	712.50 sqm (11.04%)			
Plantation Area	--	280.10 sqm (4.34%) Additionally, an off-site compensatory tree plantation area of 2,421.50 sq.m approved by DFO has been earmarked at Prem. No. 14, Diamond Harbour Road, Kolkata, which is known as Woodlands Nursing College, Bhasa, Dist. – South 24 PGs			
Source of Water	--	Source of fresh water will be municipal supply from K.M.C. as well as groundwater. Other sources - treated wastewater.			
Water Requirement during Construction Stage	--	20 KLD			
Water Requirement during Operation Stage	--	Domestic = 215 kLD Non-Domestic = 131 kLD Total = 346 kLD			
Volume of Wastewater Generated	--	172 kLD			
Volume of Treated Wastewater	--	163 kLD			
Volume of Treated Wastewater to be reused	--	131 kLD			
Wastewater Treatment Facilities	--	Sewage Treatment Plant			
Quantity of Solid Waste during Operation Stage	--	Total waste – 0.95 tonnes/ day, Bio-Medical waste – 118.5 kg/day, Organic waste - 378 kg/day			
Population Details	--	Occupancy type		Occupancy no.	
			Existing	Expansion	Total
		Patient (beds)	258	58	316
		Doctor	202	23	225
		Nurse	352	93	445
		Paramedical Staff	65	15	80

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Salient features	Existing project	Proposed expansion project			
		Other Staff	322	0	322
		Security	36	4	40
		Housekeeping	92	8	100
		Out-patient Visitors	170	30	200
		In-patient Visitors	150	80	230
		In-patients	150	80	230
		Cafeteria & Staff Canteen	120 seats	0 seats	120 seats
		<b>Total Occupants</b>	<b>1917</b>	<b>391</b>	<b>2308</b>
Electricity Load	--	1773 kW			
Electricity Supplied By	--	CESC			
D. G. Sets	--	2 X 1500 kVA			
Car Parking provided	--	Car Parking Required: 175 Car Parking Provided: 175 Nos. (Mechanical = 164, open = 11)			
No. of trees provided	Existing - 19	Total - 219 nos. (Proposed as Compensatory Plantation - 200)			
Project Cost	--	Rs. 250 crores			

***Chronology of the event:***

- The project proponent (PP) applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 10.10.2022.

***SEAC observation and recommendations:***

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - The tree plantation area calculation as mentioned in the DFO approved plantation plan does not match with the sanctioned plan. Necessary correction should be made. Since there is no space for increasing plantation area at the project site, the proponents confirmed that they would provide compensatory plantation at their nursing college campus situated at Diamond Harbour Road. This should be formally declared with the following conditions:
    - A NOTICE mentioning the compensatory plantation undertaken by the project proponent to be displayed in prominent places for information of the public. Evidence in this regard to be submitted.
    - An undertaking to be submitted mentioning that the area where compensatory tree plantation made should not be used for any other purpose.
    - A photograph for the site where plantation has been done with appropriate guidelines should be submitted.

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- ii) Plan for installation of display board at the hospital site. The following information shall be provided: -
  - a) Daily consumption and quality of drinking water.
  - b) Quality & quantity of inlet & outlet effluent from STP.
  - c) Data from ambient air quality monitoring station.
  - d) Data from ambient noise monitoring station.
- iii) Water meter with totaliser at the freshwater inlet, and also inlet, recycle and discharge lines of wastewater. Detailed plan in this regard to be submitted. Water balance considering recycled treated water and harvested rainwater to be submitted.
- iv) Copies of Hazardous Waste Authorization from WBPCB.
- v) Permission from Airport Authority of India.
- vi) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted with total project cost. A year-wise and item-wise break-up is required. The social part of EMP should preferably be outside the project area. Adjacent area of the site is a sophisticated locality. Hence for social responsibility, needs of the less privileged area should be identified. Names of the beneficiary should be displayed.

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. Computer literacy training for the local youth may also be considered. Sanitization tunnel is not acceptable.
- vii) Building Permit.
- viii) Concurrence of the proposal from Dept. of Health & Family Welfare for the proposed change in bed capacity.
- ix) Breakup of water supply – Borewell and Surface.
- x) Subsurface hydro-geological study report of the area. Impact of basement on the contained underground water flow.
- xi) Plan for disinfection of treated effluent from the STP.
- xii) Expected quality of effluent both from STP & ETP. The proponents confirmed that the ETP would only handle the chemicals from the laboratories. Treated water quality must conform to the discharge standard.
- xiii) Sludge management plan with agreement with the third party, if any.
- xiv) Management and handling of radioactive waste with agreement with AERB, if any.
- xv) Provision for charging points for e-vehicles in the parking area.
- xvi) It should be ensured that during construction the noise and vibration will be minimized in view of protecting the patients of the hospital and also the animals in the nearby zoological garden. Plan in this regard should be submitted.
- xvii) Plan for solar power including outlay of PV array.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

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**B. Proposed Residential Complex at Holding No. 282, Ukhila 2, JL No. 56, 51, Ukhilapaikpara, under Rajpur-Sonarpur Municipality Ward No. 27, Jagannathpur, PO & PS – Narendrapur, Kolkata – 700 103, Dist – 24 Parganas (South), West Bengal.**

**Proposal No. SIA/WB/INFRA2/401775/2022**

**Project Proponent - M/s. Rajwada Realtech.**

**Environmental Consultant - M/s. Ultra Tech.**

**Activity:**

- This is a proposal for a Residential complex comprising of Twelve (12) Residential Blocks: Blocks 1 to 9 – G + 4 & Blocks 10 to 12 – G + 12 storied. The total land area of the project is 17776.384 sqm and land area for the present development is 16444.64 sqm.

**Salient Features**

- Salient features of the proposed expansion project as uploaded in the PARIVESH portal may be summed up as below –

	Existing (Phase-1)		Proposed (Phase-2)
	As per Sanction vide 132/CB/27/131, dated 05.12.2020	As per Sanction vide 93/Rev/CB/27/24, dated 21.09.2021	As per Sanction vide 248/Rev/CB/27/77, dated 31.03.2022
Land Area (as per deed)	17776.384 sqm	17776.384 sqm	17776.384 sqm
Land Area for Present Development	17407.07 sqm	16444.64 sqm (100%)	16444.64 sqm (100%)
Total Built Up Area	14559.4 sqm (total floor area excluding ducts)	14559.77 sqm (total floor area excluding ducts)	36134.92 sqm (total floor area excluding ducts)
Ground Coverage	4205.72 sqm (24.16%)	4205.72 sqm (24.16%)	5097.072 sqm (31.00%)
Open Parking Area	--	--	568.596 sqm (3.46%)
Road/Paved Area	--	--	6199.000 sqm (37.70%)
Exclusive Tree Plantation Area	--	--	3291.756 sqm (20.02%)
Retained for Future Development Area	--	--	389.670 sqm (2.37%)
Service Area	--	--	898.546 sqm (5.45%)
No. of Block & Story	Blocks 1, 2, 3, 4, 5, 6, 7, 8, 9 – G + 4 Block 11 – G + 1	Blocks 1, 2, 3, 4, 5, 6, 7, 8, 9 – G + 4 Block 11 – G + 1	Twelve (12) Residential Blocks: Blocks 1 to 9 – G + 4 & Blocks 10 to 12 – G + 12 storied
No. of Dwelling units	408 nos.	152 nos.	408 (1 BHK – 16, 2 BHK – 212, 3 BHK - 180) nos.
Source of Water	--	--	Rajpur-Sonarpur Municipality
Total Quantum of Water required	--	--	306 KLD]
Quantity of Wastewater Generation	--	--	218 KLD
Quantity of treated wastewater recycled	--	--	88 KLD
Quantity of treated wastewater Discharge	--	--	130 KLD

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	Existing (Phase-1)		Proposed (Phase-2)
	As per Sanction vide 132/CB/27/131, dated 05.12.2020	As per Sanction vide 93/Rev/CB/27/24, dated 21.09.2021	As per Sanction vide 248/Rev/CB/27/77, dated 31.03.2022
Quantum of Fresh Water required	--	--	218 KLD
Quantity of Solid Waste Generation (operational phase)	--	--	1040 kg/day
Constructional Phase Water Demand	--	--	25 KLD (21 KLD for workers and 4 KLD for construction waste)
Total Population During Construction	--	--	295 persons
Total Population During Operation	--	--	2447 (Fixed – 2204, Floating – 221, Service – 22) persons
Electricity Load	--	--	2819 KVA (2255 KW)
Electricity Supplied By	--	--	WBSEDCL
D. G. Sets	--	--	3 nos. 200 KVA
Car Parking provided	236 nos.	236 nos.	277 nos. (Covered – 226 nos., Open – 51 nos.)
No. of trees provided	--	--	235 nos.
Longitude and Latitude of Site	22° 26' 10" N, 88° 24' 21" E		

***Chronology of the event:***

- The project proponent (PP) applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 20.10.2022.

***SEAC observation and recommendations:***

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - The STP capacity shown in the sanction plan is 239 KL whereas scaled up drawing mentioned as 295 KL.
  - Clearance from AAI.
  - Plan for installation of display board. The following information shall be provided: -
    - Daily consumption and quality of drinking water.
    - Quality & quantity of inlet & outlet effluent from STP.
    - Data from ambient air quality monitoring station.
    - Data from ambient noise monitoring station.
  - Water meter with totaliser at the freshwater inlet, and also inlet, recycle and discharge lines of wastewater. Detailed plan in this regard to be submitted. Water balance considering recycled treated water and harvested rainwater to be submitted. SWID's permission for total water requirement.

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- v) Subsurface hydro-geological study report of the area. Plan for subsurface recharge.
- vi) 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).
- vii) Provision for charging points for e-vehicles in the parking area.
- viii) Plan for solar power including outlay of PV array.

The SEAC suggested that an inspection of the project should be conducted by the WBPCB to ascertain the present status of the project.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

**1.1.2) Industry Sector**

- C. Proposed expansion of production from 36,000TPA with 3x50 TPD Kiln to 58,500 TPA with the installation of 3x65 TPD Preheaters at Village: Lohamellya, NH-6, P.O Montipa Mohanpur, P.S - Jhargram, Dist. Jhargram, PIN - 721 507, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/IND/60630/2021</b>
<b>Project Proponent</b>	<b>M/s. Aryavrata Steel Private Limited</b>
<b>Environmental Consultant</b>	<b>M/s. Pacific Scientific Consultancy Pvt. Ltd.</b>

***Activity:***

- This is a proposal for expansion of production from 36,000TPA with 3x50 TPD Kiln to 58,500 TPA with the installation of 3x65 TPD Preheaters from previously existing unit 3 x 50 TPD Kiln at Village: Lohamellya, NH-6, P.O Montipa Mohanpur, P.S-Jhargram, Dist. Jhargram, PIN - 721 507, West Bengal.

Particulars	Phase - II
Total no of Rotary Kilns (Nos)	3 Nos.
Rated Capacity for all three Furnace	195 Ton/day
No of Working Days	300 days
Production per day after installation of Three Preheaters	195 Ton/day
Annual Installed Capacity	58,500 Ton/annum

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***Salient Features-***

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Location of the project	Village: Lohamellya, NH-6, P.O Montipa Mohanpur, P.S-Jhargram, Dist. Jhargram, PIN - 721 507, West Bengal.			
Latitude: &Longitude	22°19'11.79"N 87°0'27.81"E 22°19'15.69"N 87°0'15.36"E 22°19'11.96"N 87° 0'7.73"E 22°19'8.04"N 87° 0'12.90"E			
Land Area	18.09 Acres (7.32 ha)			
Existing greenbelt	2928.26 sqm. (4.0%)			
Proposed greenbelt	21229.94 sqm. (29%)			
Production Capacity	Existing	Proposed		
	36,000 TPA Sponge Iron Plant with 3 x 50 TPD Kiln	Capacity enhancement to 58,500 TPA Sponge Iron Plant with the installation of Preheaters in the existing unit of 3 x 50 TPD Kiln to upgrade it 3 x 65 TPD.		
Total Water requirement		Existing Plant (KLD)	Proposed Plant (KLD)	Total (KLD)
	Water for cooling (Make up)	324	--	324
	Domestic purposes & other uses	12	4	16
	Total	336	4	340
Total Waste Water Recycled/Reused	Existing - 750 KVA, Additional - 150 KVA			
Power	900 kVA by West Bengal State Electricity Board			
Backup power	1X500 KVA, 2X380 KVA (Existing)			
Manpower	175 For Existing Project & 57 For Proposed Project = Total 232			
Project cost (Rs.)	Rs. 444 Lakh.			

***Chronology of the event:***

- The proponent applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 06.04.2021.
- SEIAA issued Auto ToR 29.04.2021.
- Public Hearing was conducted by WBPCB on 12.11.2021.
- The project proponent has applied for Environmental Clearance for the project by submitting final EIA Report on 28.04.2022 at PARIVESH Portal. However, it is observed that the project proponent has applied in 'Fresh EC' category. The project proponent was called for the presentation in the 42<sup>nd</sup> SEAC meeting held on 01.06.2022.



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- During presentation in the 42<sup>nd</sup> SEAC meeting held on 01.06.2022 the project proponent appeared along with Environmental Consultant M/s. Pacific Scientific Consultancy Pvt. Ltd. SEAC noted that the accreditation of the environmental consultant (M/s. Pacific Scientific Consultancy Pvt. Ltd.) is under sub-judice category as shown in the portal of NABET. The consultant appeared for presentation based on Writ Petition No. W.P.7365(W) of 2016 dated 28.04.2016 of the Hon'ble High Court of Calcutta. SEIAA in its 60th meeting held on 19.05.2022, for the same consultant has observed that the valid NABET accreditation certificate of the environmental consultant organization engaged for the project should be uploaded in PARIVESH Portal.

In view of the above SEAC decided not to accept the presentation of the project proponent along with their EIA consultant. The environmental consultant was advised to provide the valid NABET accreditation certificate and request SEAC for reconsideration of the project.

- It was decided that the matter will be reconsidered after the outcome of the decision of SEIAA in this regard.
- The PP is also requested to deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal.
- SEIAA considered the recommendation of SEAC in its 71<sup>st</sup> meeting held on 23.08.2022 and observed that the Order of Hon'ble Calcutta High Court in WPA No. 11523/2022 is to be complied with and decided that appraisal of the project by SEAC may continue. Hence, SEIAA referred back the proposal to SEAC for processing further.
- Based on the above, the PP was called for presentation in the 51<sup>st</sup> SEAC meeting held on 07.09.2022 and the PP presented their Environmental Clearance proposal in 51<sup>st</sup> meeting.
- The SEAC noted that the PP could not deliver a proper presentation of their proposal. The presentation submitted by the PP was incomplete and grossly inadequate in all respects. Therefore, the SEAC decided that the PP shall be called for a fresh presentation covering all the detailed aspects of the project.
- The PP uploaded their reply on 01.11.2022 in PARIVESH portal.

***SEAC observation and recommendations:***

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - i) Quantum of additional water requirement and permission for the same.
  - ii) Borewell pump running hours schedule. Plan to be submitted regarding the operation by staggering of the running hours.
  - iii) Permission for standby borewell.
  - iv) Water meter to be installed. Plan to be submitted in this regard.
  - v) Rainwater storage tank should be marked with capacity. Water balance diagram with provision of using stored rain water should be furnished.
  - vi) DFO approved plantation plan.
  - vii) Plan for installation of display board containing all the environmental parameters.

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- viii) Beneficiary of the social part of the EMP should be identified and displayed at the site.
- ix) Proximate analysis of the coal (fuel) proposed along with the present.
- x) The layout plan submitted does not appear to be clear. Revised legible layout plan to be submitted.
- xi) Existing photograph of the site.
- xii) Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

## **2) Reconsideration cases**

### **2.1) Environmental Clearance**

#### **2.1.1) Construction Sector**

**A. Proposed Residential, mercantile & MLCP project near Vega Circle Mall, Sevok Road, at Plot no. (LR) – 555, 611, Plot no. (RS) – 82, 82/298, 81/297, Khatian no. (LR) – 545, 2516, Khatian no. (RS) – 282/1, 282/3, 282/5, JL No.- 02, Mouza- Dabgram, Parganas- Baikunthapur, P.S.- Bhaktinagar, District- Jalpaiguri, under Siliguri Municipal Corporation, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIS/257178/2022</b>
<b>Project Proponent -</b>	<b>M/s. Shree Vinayak Constructions.</b>
<b>Environmental Consultant -</b>	<b>M/s. ULTRA-TECH</b>

**Activity:**

- This is a proposal for construction of Residential, Mercantile & MLCP project comprising of Mercantile: (B1+B2+G+V), Residential: (3 towers- G+XIII) & MLCP: (G+VII).

Total Built up area of the project is 62873.02 sqm. on a land area of 16577.30 sqm. Total No. of Flats 117 nos.

**Salient Features :**

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

<b>Salient features</b>	<b>Existing proposal</b>	<b>Present proposal</b>
Land area (as per deed)	16596.84 sqm	16596.84 sqm
Land area (as per site)	16577.30 sqm	16577.30 sqm
Reserved Land Area	906.14 sqm.	906.14 sqm.
Net Land Area	15671.16 sqm.	15671.16 sqm.
No. of blocks	Residential blocks – T1 & T2 – G+5 T3 – G+13	Mercantile: (B1+B2+G+V), Residential: (3 towers- G+XIII) MLCP: (G+VII)

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No. of Flats	69 nos.	3 BHK: 39 4 BHK: 78
Latitude & Longitude of site	26°45'11.8" N & 88°26'24.0" E	
<b>Total Built-up area</b>	<b>19003.42 sqm.</b>	<b>62873.02 sqm</b>
Proposed Ground Coverage Area	2527.49 sqm. (15.25% of land area)	7101.07 sqm (45.31% of Land Area)
Road/Paved Area		4172.39 sqm (26.62% of Land Area)
Exclusive Tree Plantation Area		3243.22 sqm (20.70% of Land Area)
Open Parking Area		538.70 sqm (3.44% of Land Area)
Service Area		615.78 sqm (3.93% of Land Area)
Source of Water		Ground water supply
Quantum of Water required		249 KLD
Quantity of Wastewater Generation		179 KLD
Treated Wastewater Recycled		119 KLD
Quantity of Wastewater Discharge		60 KLD
Quantum of Fresh Water required		130 KLD
Quantity of Solid Waste Generation (operational phase)		1110 kg/day
Constructional phase Water Demand		42 KLD
Total Population During Construction		510 persons
Total Population During Operation		6052 nos. (Fixed- 1197, Floating- 4843, Service- 12)
Electricity (Connected Load)		2928 KVA (1050 KW) by WBSEDCL
D.G. Sets for Back Up power		1 no. of 380 KVA & 2 no. of 1010 KVA DG set
Parking Provided	129 (Open – 66, Covered – 63)	460 nos. (Open- 50, Covered- 71, Basement- 93, MLCP- 246)
Total no. of trees		230 nos.
Total project cost (Rs.)		Rs.13650 lakh.

***Chronology of the event:***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 17.02.2022.
- The PP presented their proposal in 34<sup>th</sup> SEAC meeting held on 09.03.2022.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the PP for further consideration:
  - i. Necessary clearance from PCCF/Chief Wildlife Warden should be provided.
  - ii. Sanction plan and DFO approved plantation plan appears to be mismatch with regards to open space.
  - iii. Conversion details of L R Dag no. 611.

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- iv. Ownership details of LR Dag no. 555 in the name of Shree Vinayak Construction.
  - v. Deed of conveyance should be uploaded.
  - vi. Sanction plan for Phase I should be uploaded.
  - vii. The fresh water demand for the project is 130 KLD whereas the permission obtained from SWID is about 80 KLD. Necessary clarification to be provided.
    - i. Detailed study of sub-surface lithology to be submitted.
    - ii. Detailed plan of solar power plant including PV array should be submitted. Area of rooftop to be provided.
    - iii. Location of recharge pits and rainwater harvesting tank should be avoided in driveway. First flush diverter needs to be provided. Revised proposal to be submitted.
  - iv. The depth of recharge pits should be staggered and recharge to be made in medium to coarse sand layer. Revised design to be submitted.
  - v. Revised EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to 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. Computer literacy training for the local youth may also be considered. The tree plantation mentioned in the EMP should be outside the project area. Actual location of plantation should be confirmed during compliance report. Budget for EMP should also be revised accordingly.
  - vi. Location of rainwater harvesting tank. Yard-washing may also be considered as an alternative use for harvested rain water; should be included in water balance.
  - vii. Water meter with totaliser at the freshwater inlet, and also inlet, recycle and discharge lines of wastewater. The totaliser readings should be reported with compliance report. Detailed plan to be submitted in this regard.
  - viii. Provide all the following documents related to High Rise Building 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).
  - ix. Energy consumption figures should be recast.
  - x. A report on the impact of basement on groundwater flow to be submitted.
- The PP uploaded their reply in PARIVESH Portal on 02.09.2022, which was considered in the 52<sup>nd</sup> meeting held on 14.09.2022.
  - It is noted that the PP has submitted a map showing the location of project site. From the map and submission of the PP, the project site is located at a distance of 0.3 km. from the Eco-Sensitive Zone (ESZ) Boundary of Mahananda Wildlife Sanctuary. SEAC deliberated the submission and order of the Hon'ble Supreme Court Writ Petition (Civil) No. 202/1995 dated 03.06.2022 and decided that Principal Chief Conservator of Forest (Wildlife) and Chief Wildlife Warden may be requested to look into the issue and to provide his valued opinion with respect to the location of this project and also other nearby projects from ESZ boundary of Mahananda Wildlife Sanctuary.
  - An inspection of the project site was conducted by WBPCB on 16.09.2022 (**Annexure – 1**).

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***SEAC observation and recommendations:***

- A letter vide No. 2945/WL/2W-682(Part-III)/2019 dated 28.09.2022 received from Principal Chief Conservator of Forest (Wildlife) and Chief Wildlife Warden mentioning that the proposed construction site is located at a distance from the nearest entry point of the nearest protected area (Baikunthapur forest) at 2 KM (an elephant movement zone) and approximately 04 km. distance from Mahananda Wildlife Sanctuary (**Annexure – 2**).
- The SEAC considered the above letter in 55<sup>th</sup> meeting held on 09.11.2022 and recommended the following:  
A letter vide No. 2945/WL/2W-682(Part-III)/2019 dated 28.09.2022 received from Principal Chief Conservator of Forest (Wildlife) and Chief Wildlife Warden has confirmed that the proposed project site is falling within the eco-sensitive zone of Mahananda Wildlife Sanctuary and as Hon'ble Supreme Court of India in its order dated 03.06.2022 in its L.A No.1000 of 2003 in W.P.202 of 1995 ordered that no new structure shall be permitted to come up in ESZ, hence, permission for the above proposal(SIA/WB/MIS/257178/2022) can not be granted.

**B. Proposed expansion project of existing Common Bio-Medical Waste Treatment Facility by at Mouza – Mangalpur, Touzi No. 19, Manbhum, Dag No. 457(P), 458(P), 478(P), JL No. 22, PO & PS – Raniganj, Dist – Paschim Bardhaman, West Bengal.**

**Proposal No.**

**SIA/WB/MIS/48035/2019**

**Project proponent -**

**M/s. Medicare Environmental Management Pvt. Ltd.**

**Environmental Consultant -**

**M/s. Ramky Enviro Services Private Limited.**

***Activity:***

- This is a proposal for expansion project of existing Common Bio-Medical Waste Treatment Facility at Mouza – Mangalpur, Touzi No. 19, Manbhum, Dag No. 457(P), 458(P), 478(P), JL No. 22, PO & PS – Raniganj, Dist – Paschim Bardhaman, West Bengal

***Salient Features***

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Plot no./Survey no./Khasra No	Mouza Mangalpur, Touzi No. 19, Manbhum, Dag No. 457(P), 458(P), 478(P), JL No. 22, Raniganj P.O. & P.S., Paschim Bardhaman District, West Bengal
Land Area	2 acres (8094.0 sqm.). No additional land area is required for the expansion project.
Area Statement	Facility Area – 1253.2 sqm. (15.48%) Paved Roads including drains – 2408.8 sqm. (29.76%) Greenbelt – 2671.00 sqm. (33%) Open Space – 1761.26 sqm. (21.76%)
Total Area of Green Belt	0.267 Ha. (33.38% of total project area)
No. of trees planted	50 nos.
Capacity of plant & equipment.	After expansion the project has been designed to treat BMW from 7.5 TPD to 15 TPD. Key components of the facility after proposed expansion include: a) ETP – 180 KLD b) Incinerators – 750 kg/hr (existing 1 no. x 200 kg/hr and 1

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	no. x 250 kg/hr (one working and one stand by) and 2 nos. x 250 kg/hr proposed) c) Autoclave – 6.6 TPD (existing 1 no. x 1.6 TPD and 2 nos. x 2.5 TPD proposed) d) Shredder- 7.5 TPD (existing 1 no. x 60 kg/hr, 1 no. x 80 kg/hr, and proposed 1 no. x 5 TPD); e) D.G set – 300 kVA.
Project cost	Rs. 12 Crores
Coordinates	Latitude: 23° 37' 28.74" N Longitude: 87° 8' 22.14" E
Water requirement	Net water requirement is 45 KLD. Source : Borewell and outsourced water supply.
Total Waste Water Generation	120 KLD
Total Discharged Water	6 KLD
Total Reused Water	114 KLD
Power required	300 KW power supplied by West Bengal State Electricity Distribution Company Ltd. 300 kVA DG set to be maintained for emergency power backup.

***Chronology of the event***

- The project proponent (PP) applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 14.01.2020.
- The unit presented their proposal for Terms of Reference presentation in 3<sup>rd</sup> reconstituted SEAC meeting held on 18.09.2020.
- In accordance with the recommendation of the SEAC, SEIAA issued ToR vide No. 1511/EN/T-II-1/005/2020 dated 12.11.2020.
- Public Hearing was conducted by WBPCB on 26.11.2021.
- The project proponent submitted final EIA report on 15.02.2022 at PARIVESH Portal.
- The project proponent presented their EIA report in the 34<sup>th</sup> reconstituted SEAC meeting held on 09.03.2022 and based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - i. The lease deed and layout plan mentions of 3 (three) plots 457(P), 458(P) and 478(P) having a total land area of 2 acres. However, the application in the portal is made for plot nos. 457(P) and 458(P) having total area of 2 acres. Necessary clarification to be provided in this regard.
  - ii. In the Lease Agreement the lessee is mentioned as M/s. Ramky Infrastructure Ltd. However, the application in the portal has been made in the name of Medicare Environmental Management Pvt. Ltd. Necessary clarification to be provided in this regard.
  - iii. Detailed layout plan showing the area statement in sqm. and percentage of the plot area (adding upto 100%) should be provided.
  - iv. The agreement with the TSDF, which is uploaded in the portal, is valid upto 31.03.2021. Fresh valid agreement should be submitted.
  - v. Copy of the Biomedical Waste Authorisation should be uploaded in the portal.
  - vi. Fresh water requirement for the project is 45 KLD. However, permission obtained

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from the SWID is only 10 KLD. Permission from the competent authority for the balance 35 KLD should be provided.

- vii. Project summary in a table covering all the salient features should be submitted.
  - viii. A time bound progressive green belt development plan should be submitted and followed indicating quantitative coverage, plant species, spacing and time frame. A schematic planting prescription for an area of one Ha. As per annexure.
  - ix. Details of emission control system for the incinerator.
  - x. The project proposal mentions enhancement of the treatment capacity of the CBWTF from 7.5 TPD to 15 TPD. The capacity of the plant based on the maximum operational hours of the 3 (three) incinerators and 3 autoclaves with respect to the quantity of waste in terms of bed capacity should be provided.
  - xi. The fresh water intake is 45 KLD while the waste water generation is 120 KLD. The treated waste water as shown in the flow chart will be utilised for greenbelt without having facility for disinfection. Necessary correction should be incorporated in the water balance. Without disinfection, treated water should not be used for plantation.
  - xii. Storm water washing the handling area should be prevented to flow freely; instead that water should be routed through the ETP. Plan in this regard should be submitted.
  - xiii. Plantation and their survival plan should be provided.
- The PP uploaded their reply in PARIVESH Portal on 28.10.2022.

***SEAC Observations and Recommendations:***

- The SEAC scrutinized the documents submitted by the PP in the 55<sup>th</sup> meeting held on 09.11.2022 and the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - a) Hazardous Waste Authorization from WBPCB.
  - b) Specific details regarding additional EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted with total project cost.
  - c) Detailed layout plan clearly mentioning the area in sqm. for each activity along with the percentage of land area adding upto 100% for both existing project and proposed expansion.
  - d) Present classified land use.
  - e) Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.

The PP should deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

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**C. Proposed expansion project of existing Common Bio-Medical Waste Treatment Facility at 41, F-Road, Belgachia, PS – Liluah, PO & Dist – Howrah, West Bengal.**

**Proposal No. SIA/WB/MIS/47616/2019**

**Project proponent - M/s. Medicare Environmental Management Pvt. Ltd.**

**Environmental Consultant - M/s. Ramky Enviro Services Private Limited.**

**Activity:**

- This is a proposal for expansion project of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at 41, F-Road, Belgachia, PS – Liluah, PO & Dist – Howrah, West Bengal.
- The unit has a valid Consent to Operate issued on 18 Feb 2019 by WBPCB and valid upto 30 Nov 2023.

**Salient Features**

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Plot no./Survey no./Khasra No	41, F-Road, Belgachia, PS – Liluah, PO & Dist – Howrah, West Bengal
Land Area	2 acres (8,093.71 sq.m). No additional land area is required for the expansion project.
Area Statement	Facility Area – 1767.54 sqm. (21.84%) Paved Roads including drains – 1894.20 sqm. (23.40%) Greenbelt – 2671.00 sqm. (33%) Open Space – 1761.26 sqm. (21.76%)
Capacity of plant & equipment.	After expansion the project has been designed to treat BMW up to 15 TPD. Key components of the facility after proposed expansion include: f) ETP – 150 KLD g) Incinerators – 750 kg/hr (Existing- 2 nos. x 250 kg/hr- one working and one stand by, Proposed- 2 nos. x 250 kg/hr) h) Autoclave – 7.5 TPD (Existing 2 nos. x 2.5 TPD- one working and one stand by, Proposed- 2 nos. x 2.5 TPD each) i) Shredder- 7.5 TPD (Existing 1 no. x 60 kg/hr, 1 no. x 80 kg/hr, Proposed- 1 no. x 5 TPD)
Project cost	Rs. 12 Crores
Coordinates	Latitude: 22° 36' 27.41" N Longitude: 88° 19' 34.75" E
Water requirement	Net water requirement is 45 KLD. Source : Borewell and municipal water supply
Power	300 KW power supplied by West Bengal State Electricity Distribution Company Ltd. 300 kVA DG set to be maintained for emergency power backup



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***Chronology of the event:***

- The project proponent (PP) applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 11.01.2020
- The unit presented their proposal for Terms of Reference presentation in 3<sup>rd</sup> reconstituted SEAC meeting held on 18.09.2020.
- In accordance with the recommendation of the SEAC, SEIAA issued ToR vide No. 1510/EN/T-II-1/006/2020 dated 12.11.2020.
- Public Hearing was conducted by WBPCB on 15.12.2021.
- The project proponent submitted final EIA report on 23.02.2022 at PARIVESH Portal.
- The project proponent presented their final EIA report in the 36<sup>th</sup> reconstituted SEAC meeting held on 23.03.2022. Based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - a) The presentation and documentation should be as per proper format of EC application.
  - b) Permission for water supply from competent authority. Break-up of water supply between borewell and other supply should be provided. Water-meter and totalizers should be provided at respective points.
  - c) Valid agreement with TSDF.
  - d) Detailed land use plan showing the area statement with percentage.
  - e) Operational hours of incinerators present and proposed.
  - f) Percentage of total autoclavable and incinerable BMW. Provision of the puncture-proof boxes for the sharps should also be indicated separately.
  - g) Correct power supply agency to be mentioned.
  - h) Water level contour map to be revised and submitted.
  - i) A time bound progressive green belt development plan should be submitted and followed indicating quantitative coverage, plant species, spacing and time frame. A schematic planting prescription for an area of one Ha. as per annexure
  - j) Detailed flow diagram of ETP including disinfection & sludge disposal plan.
  - k) Revised EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. The need of the surrounding locality should be explored. Activities usually done by Ramky Foundation will not be considered here; specific activities for this particular expansion project with budget break-up will be considered.
  - l) The emission control system proposed is of dry process. Process flow chart to be modified accordingly.
- The PP uploaded their reply in PARIVESH Portal on 28.10.2022.

***SEAC Observations and Recommendations:***

- The SEAC scrutinized the documents submitted by the PP in the 55<sup>th</sup> meeting held on 09.11.2022 and the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -

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- a) Hazardous Waste Authorization from WBPCB.
- b) Specific details regarding additional EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted with total project cost.
- c) Detailed layout plan clearly mentioning the area in sqm. for each activity along with the percentage of land area adding upto 100% for both existing project and proposed expansion.
- d) Present classified land use.
- e) Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.

The PP should deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

**D. Proposed construction of Hospital Building of Gouri Devi Institute of Medical Science and Hospital (GIMSH) at Plot No. 759, 763, 766, 771, 822, 770, 773, 767, 769, 774, 775, 823, 825, 826, 755, 772, 768, 756, 749, 696, 699, 695, 705, 706, 707, 712, 718, 719, 720, 731, 827, 828, 830, 831, 760, 824, 753, JL No. 77, Mouza – Manikara, Amlajora Panchayat, Block – Kanksa, Dist – Paschim Bardhaman, PIN – 713212, West Bengal. (VIOLATION CASE)**

<b>Proposal No.</b>	<b>SIA/WB/MIS/204112/2021</b>
<b>Project proponent -</b>	<b>Gouri Devi Institute of Medical Sciences and Hospital</b>
<b>Environmental Consultant -</b>	<b>M/s. ERM India Pvt. Ltd.</b>

**Activity:**

- This is a proposal for construction of a 5 storied hospital building including other infrastructural facilities like medical college, hostel buildings, staff quarters etc. under violation category. Total Built-up area is 27069.93 sqm. Total land area is 80940 sqm. Total no. of bed – 300.

**Salient Features:**

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

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Land area	80940 sqm
No. of blocks	5 floor hospital
No. of beds	300 bedded hospital
Expected Population (as per NBC, 2016)	3208 persons
Total Water requirement (as per NBC, 2016)	<ul style="list-style-type: none"> <li>Total water requirement for hospital (as per NBC, 2016) - 150 KLD</li> <li>Landscaping water requirement – 62.5 KLD (including the entire GIMSH area)</li> </ul> <b>Total water requirement – 212.5 KLD</b>
Fresh Water requirement	150 KLD
Wastewater generated	120 KLD
Wastewater recycled	106.5 KLD
Wastewater discharged	0 KLD
Solid waste generation & disposal (as per NBC, 2016)	450 kg/day
<b>Total Built-up area</b>	<b>27069.93 sqm.</b>
Ground Coverage with percentage of the total land area	<ul style="list-style-type: none"> <li>Hospital area – 5262 sqm. (6.50% of land area)</li> <li>Medical college &amp; Hostel - 11490 sqm (14.02% of Land Area)</li> </ul>
Service Area with percentage of the total land area	<ul style="list-style-type: none"> <li>Car Parking - 1450 sqm. (1.79% of Land Area)</li> <li>Road Area - 16106 sqm. (19.89% of Land Area)</li> <li>ETP/STP area - 380 sqm. (0.47% of Land Area)</li> <li>Rainwater Harvesting area - 312 sqm. (0.38% of Land Area)</li> </ul>
Exclusive Tree Plantation Area with percentage of the total land area	<ul style="list-style-type: none"> <li>Planted Area - 8138.23 sqm (10.05% of Land Area)</li> <li>Planned plantation area - 8836 sqm. (10.91% of Land Area)</li> </ul>
Other Green Area with percentage of the total land area	<ul style="list-style-type: none"> <li>Landscaping Area - 8104 sqm (10.01% of Land Area)</li> </ul>
Other area, if any.	<ul style="list-style-type: none"> <li>Playground area: 5660 sq.m. (6.99% of land area)</li> <li>Open area: 15201.77 sq.m. (18.78% of land area)</li> </ul>
Peak power demand load for the project	750 / 1000 / 1490 / 1490 / 1490 kVA by WBSEDCL
Solar power plant generation in KW & % of the connected load	100 KW
Backup Power	1 no. 250 KVA
No. of Parking spaces proposed	69
No. of Trees proposed	2715 nos.
Project Cost (Rs.)	Rs. 42,94,82,855.00

***Chronology of the event:***

- The project proponent applied as violation case and presented their proposal for Terms of Reference presentation in the 160<sup>th</sup> SEAC meeting held on 10.08.2018.
- In accordance with the recommendation of the SEAC, ToR was issued on 30.05.2019 and the ToR was extended upto February, 2020.

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- The project proponent submitted Final EIA report on 11.08.2021 in PARIVESH Portal and presented their EC application in the 20<sup>th</sup> 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:-
  - i. Sanction building plan showing the total built up area of the project.
  - ii. Full set of sanction building plan duly vetted by the competent authority.
  - iii. Tree plantation plan in 1:100 scale including tree list and tree spacing approved by Divisional Forest Officer. Emphasis is to be given to raise a multitier plantation to arrest dust and gaseous pollutants. Tectona grandis, Pterygota alata, Spathodia campanulata, Tabebuia chrysantha and Gravelia robusta etc. may be tried along the boundary while species like Alstonia scholaris, Azadirachta indica, Mimusops elengi, Nyctanthes arbor-tristis, Saraca indica can be tried in the blanks as the middle storey and a hedge of evergreen monoecious shrub like Cordyline terminalis (good luck tree) may be raised by the side of walking trails.
  - iv. 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.
  - v. Land documents including conversion.
  - vi. Total project cost with complete breakup.
  - vii. Revised Remediation plan and Natural Community Resources & Augmentation Plan.
  - viii. Water balance, flowsheet including disinfection facility and layout diagram of ETP and STP to be submitted. Permission for discharge of treated water.
  - ix. Provision for organic waste compost facility.
  - x. Location and depth of bore well with layout map including spacing between the borewells. Water quality of groundwater including the depth of sampling.
  - xi. Depth of well used for study of base line data.
  - xii. Location and volume of rainwater harvesting facility.
  - xiii. No. of beds and agreement with CBMWTF facility operator.
  - xiv. Influent and effluent quality of ETP and STP to be provided.
- The project proponent had submitted reply on 29.04.2022 in PARIVESH Portal, which was considered in the 40<sup>th</sup> meeting held on 11.05.2022.
- SEAC scrutinized the documents submitted by the project proponent in the meeting. Based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications should be uploaded in the "PARIVESH" portal by the project proponent for further consideration -
  - 1. Project cost and gross turn-over of the project till submission of EIA/EMP.
  - 2. Salient features of the project.

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3. Population Calculation, Water requirement, Waste water generation, Solid waste generation etc. as per NBC, 2016.
  4. Plan and sections of STP & ETP.
  5. Proper Damage Assessment Plan.
  6. Proper plan along with documents showing provision for zero discharge.
- The project proponent uploaded their reply in PARIVESH Portal on 08.07.2022 which was considered in the 46<sup>th</sup> SEAC meeting held on 20.07.2022.
  - SEAC scrutinized the documents submitted by the project proponent in the meeting and after detailed discussion, the committee observed that the reply submitted is not satisfactory. Therefore, the committee observed that few replied / clarifications are not satisfactory and recommended that following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration:-
    - (1) Authenticated gross turnover of the project.
    - (2) Land documents including conversion and mutation in the name of the project proponent for the entire land parcel of 80940 sqm.
    - (3) Details of ETP and STP including flow diagram. Proper water balance diagram to be submitted.
    - (4) All calculations based on NBC, 2016.
    - (5) Remediation plan.
    - (6) Copies of Building Permit, Consent to Operate, Biomedical Waste Authorisation and Hazardous Waste Authorisation from WBPCB.

The PP was also requested to deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

- The PP had submitted reply on 28.10.2022 in PARIVESH Portal which was considered by SEAC in the 55<sup>th</sup> meeting held on 09.11.2022.

***SEAC Observations and Recommendations:***

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance under violation category.**
- It is noted that WBPCB has initiated the process of taking action under Section 15 read with Section 19 of the Environment (Protection) Act, 1986. The total project cost submitted by the PP in the portal is **Rs.42,94,82,855.00.** and the total Gross Turnover of the project submitted by the PP in the portal is **Rs.1,29,01,82,333.35.**
- In line with the direction of the Principal Secretary, Dept. of Env., GoWB vide No. 1312/EN/T-II-1/052/2016 dated 30.05.2018, the expenditure amount for remediation plan, natural and community resource augmentation plan RP & NCRAP) may be fixed at 2% of the total

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project cost i.e. 2% of Rs. 42,94,82,855.00 = **Rs.85,89,657.10 (Rupees Eighty-five lakhs Eighty-Nine thousand Six hundred Fifty-Seven)** only.

- As per the O.M. of MoEF&CC vide No.22-21/2020-IA.III[E 138949] dated 28.01.2022, a penalty provision of 1% of the total project cost for violation and 0.25% of the total turnover of the project during the period of violation should be imposed. The penalty cost incurred for violation will be 1% of Rs.42,94,82,855.00 = **Rs.42,94,828.55**. The Gross Turnover of the project is **Rs.1,29,01,82,333.35**. The penalty cost incurred for the turnover will be 0.25% of Rs. **Rs.1,29,01,82,333.35 = Rs. 32,25,456**. Therefore, the total penalty amount as per the SOP will be Rs.42,94,828.55 + Rs. 32,25,456 = **Rs.75,20,285 (Rupees Seventy-Five lakhs Twenty thousand Two hundred Eighty-Five)** only.
- Hence, the total amount (RP&NCRAP + Penalty) to be submitted by the PP may be fixed at **Rs.85,89,657.10 + Rs.75,20,285 = Rs.1,61,09,942** (Rupees One Crore Sixty-One Lakhs Nine Thousand Nine Hundred and Forty-Two) only.
- The budgetary allocation of expenses for the amount of **Rs.85,89,657.10 (Rupees Eighty-Five lakhs Eighty-Nine thousand Six hundred Fifty-Seven)** only, is enclosed as **Annexure – 3**.

**E. Proposed expansion of Calcutta Leather Complex (CLC) at Village Bantala, Post Bhojerhat, Tehsil & District South 24 Parganas, West Bengal.**

**Proposal No.** SIA/WB/ NCP/78706/2021  
**Project Proponent -** M/s. Kolkata Metropolitan Development Authority.  
**Environmental Consultant -** M/s. SBA Enviro Systems Private Limited

**Activity:**

- This is a proposal for expansion of Calcutta Leather Complex (CLC).

**Salient Features**

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Project name	Expansion of Calcutta Leather Complex
Location	Village Bantala, Post Bhojerhat, Tehsil & District – South 24 Parganas, West Bengal
Expansion area	About 40 Ha. (Total project covers an area of 443.75 Ha)
Current Leather Processing Capacity	1,000 MTPD
Proposed Leather Processing Capacity	1,600 MTPD (Increase of 600 MTPD from existing capacity)
No. of tanneries for the proposed expansion	228
Manpower Required for Expansion	30,000 direct job opportunities 1,50,000 indirect job opportunities
Electricity Requirement	7.23 MVA supplied received from West Bengal State Electricity Board at 132 KV level through 2 132/33 KV, 50 MVA transformers
Water Requirement for Proposed Expansion	19.2 MLD (1.2 MLD Drinking Water and 18 MLD Process Water)

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Wastewater Generation for Proposed Expansion	18.15 MLD (1.05 MLD Drinking Water and 17.1 MLD Process Water)
Project cost	Rs.599.02 crores

***Chronology of the event:***

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 04.12.2021.
- SEIAA issued Auto ToR 22.12.2021.
- Public Hearing was conducted by WBPCB on 18.04.2022.
- The PP applied in prescribed format for EC uploaded final EIA report on 25.06.2022 at PARIVESH Portal.
- The PP presented their final EIA report in 45<sup>th</sup> SEAC meeting held on 06.07.2022.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the PP for further consideration:
  - i. Detailed layout plan (land use) with area percentage duly signed by the PP and the environmental consultant.
  - ii. Final EIA report covering all the points raised during public hearing.
  - iii. Detailed plantation plan of the project to be submitted.
  - iv. Site plan to be superimposed with the EKW boundary.
  - v. All site plans shall have consistent information and representation. Anomalies between the site plans to be removed.
  - vi. Details of pre-treatment for the proposed individual tanneries.
  - vii. permission for the 25 bore wells as proposed to be submitted.
  - viii. Project summary in a tabular form covering all the salient features should be submitted.
  - ix. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. EMP should be formulated based on the outcome of public consultation.
  - x. Subsurface hydro-geological study of the area including depth to groundwater level and groundwater level elevation contour map with groundwater flow direction, and groundwater quality.
  - xi. Details of waste water treatment methodology including chrome recovery in the CETP to be submitted. Treated effluent shall conform to the latest standards issued by CPCB / MoEF&CC.
  - xii. All land documents (including summary of land schedule), Sector VI Notification and existing water permission should be uploaded in the PARIVESH portal.
  - xiii. Management plan for the high TDS should be included. Presence of arsenic in ground water should be checked regularly.
  - xiv. Detailed plan if any, for using of surface water.
  - xv. Water meter with totaliser at the freshwater inlet and outlet points to be installed. Detailed plan in this regard to be submitted.
  - xvi. Waterbodies and their embankments within the project area should be properly maintained with periodical water analysis. Water conservation initiative/plan may be submitted.

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- xvii. Disposal plan for hazardous waste from the complex to be submitted.
- xviii. Details of CETP for the additional effluent load generated due to expansion.
- xix. Plan for water efficiency and conservation of water may be furnished.

The PP is also requested to deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

- The PP had submitted through letter vide Memo No. 39/KMDA/HOUSING(RE)/W-137/2014(Pt.III) dated 18.08.2022 that the reply to the ADS was inadvertently not uploaded properly from their end.
- The matter was considered by the SEAC in the 50<sup>th</sup> meeting held on 31.08.2022. The SEAC decided that the proposal may be returned back to the PP considering the request for uploading of fresh ADS reply.
- The PP had submitted reply on 08.09.2022 in PARIVESH Portal, which was considered in the 52<sup>nd</sup> meeting held on 14.09.2022.
- The SEAC scrutinized the documents submitted by the project proponent in the 52<sup>nd</sup> SEAC meeting held on 14.09.2022 and observed that several annexures as mentioned in their submission are not attached and the reply to the queries raised is not appropriately addressed. Therefore, the SEAC decided that the PP shall submit all documents and appropriate reply to the queries raised covering all aspects in details. The SEAC also decided that an inspection of the project site shall be conducted by them to assess the status of compliance of the earlier ECs.
- An inspection of the project site was conducted by the WBPCB on 15.09.2022.
- The PP had submitted reply on 19.10.2022 in PARIVESH Portal. It is observed that the existing water requirement of CLC and the wastewater generation is enclosed as **Annexure 4**.
- The present permission for water abstraction is 40.4 MLD (**Annexure – 5**). They have obtained surface water permission for their expansion project of about 15 MLD (**Annexure – 6**).
- An inspection of the project site was conducted by SEAC on 05.11.2022 which is uploaded as **Annexure – 7**.

***SEAC Observations and Recommendations:***

- The inspection report of WBPCB and also of the SEAC along with the reply of the PP was considered by the committee in the 55<sup>th</sup> SEAC meeting held on 09.11.2022. Based on the submission made by the PP and the inspection reports dated 15.09.2022 and 05.11.2022, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the PP for further consideration:-



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- i. **FRESHWATER REQUIREMENT**: Additional freshwater requirement for the proposed expansion project and sources thereof. Commitments received from or MoU entered with any external agency may be clearly mentioned. Post expansion total water demand for the entire complex may be unambiguously stated and the projected supply demand situation may be explained.
- ii. **WASTEWATER GENERATION**: Total wastewater to be generated and the proposed effluent management system may be unambiguously stated with appropriate details. It appears that when the expansion of the project is accomplished an additional 08 MLD of wastewater would be generated necessitating establishment of two modules of CETP each of 05 MLD capacity. Clear commitments are needed for the same.
- iii. **WATER BALANCE DIAGRAM**: Process flow sheets depicting water requirements provided with the EMP leave much to be desired. Appropriate Water Balance Diagrams giving quantitative details may be provided.
- iv. **LANDUSE MAP**:
  - (a) **EXCLUSIVE TREE PLANTATION AREA TO BE INDICATED**: The presented land-use map indicated composite map of water body and plantation area. The project proponent will have to ensure that plantation is undertaken in at least 33% of the project land area. A revised land use map for the entire project area may be prepared and submitted.
  - (b) In the land utilization plan, an area was marked-up for the CETP for the proposed expansion. However, during actual inspection separate area was not found. This should be clarified. Pre-treatment scheme of the individual tanneries should also be explained. Details of the chrome recovery to be described.
- v. **STATUS OF SOLID WASTE MANAGEMENT INCLUDING NON-HAZARDOUS AND HAZARDOUS WASTE**: Both the present status and future proposals for Solid Waste Management of the entire leather complex may be unambiguously narrated. It should elucidate various aspects of Non-Hazardous Waste Management and Hazardous Waste Management separately.

The inspecting team, however, advised the CLCTA to exercise necessary caution before launching the tile manufacturing process on a commercial scale because the tannery sludge usually contain inorganic contaminants like chromium salts. As such, before manufacturing is taken up on a commercial scale, leaching potential of these substances, particularly chromium, may be ascertained to ensure that the tiles are environmentally compliant and safe.
- vi. **EMP**:
  - (a) **REVISED EMP INCLUDING BREAK UP (YEARWISE AND ITEMWISE) OF NEED BASED ACTIVITY**: The CER commitments are rather imperceptive. The activities may be clear and specific against specific time frames with assured commitment of resources.
  - (b) The beneficiary of the need-based activities to be identified and to be displayed.

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- vii. **POLLUTION CONTROL**: Ambient air quality needs to be monitored periodically and reports to be submitted.
- viii. **CETP FLOW DIAGRAM**: The process flow diagram of the existing and proposed CETPs needs to be reported in greater detail.
- ix. **WATERBODIES**: Plan for maintenance of the waterbodies inside the project area should be furnished.
- x. **BIOGAS PLANT**: The bio-gas plant installed on pilot scale for the existing CETP, if practically feasible, should be regularized and also a similar plan for the proposed expansion unit should be submitted with details of raw materials required, rate of generation etc.
- xi. **DISPLAY BOARD**: Display board showing all the environmental parameters to be installed for public display. Plan in this regard to be submitted.
- xii. OCEMS should be installed for all Treated Effluent Sump and Pumping Station (TESPS). The OCEMS should be connected with CPCB server for real-time data upload.

**All the documents should be duly signed by the project proponent and environmental consultant.**

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

**Table-1 : List of the projects which were placed before the reconstituted SEAC in the fifty-fifth meeting held on 09.11.2022 and the Summary Decisions thereof:**

<b>Sl. No.</b>	<b>Name of the unit &amp; Project address</b>	<b>Summary Decision</b>
<b>1)</b>	<b>Cases for Technical Presentation</b>	
<b>1.1)</b>	<b>Environmental Clearance</b>	
<b>1.1.1)</b>	<b>Construction Sector</b>	
1.	<b>M/s. Woodlands Multispeciality Hospital Limited.</b> Proposed expansion of Woodlands Multispeciality Hospital at Premises No. 8/5, Alipore Road, P.O. & P.S. – Alipore, under Ward No. – 74 & Borough - IX of Kolkata Municipal Corporation (K.M.C.), Kolkata – 700027. (Proposal No. SIA/WB/INFRA2/402657/2022).	Additional Details Sought
2.	<b>M/s. Rajwada Realtech.</b> Proposed Residential Complex at Holding No. 282, Ukhila 2, JL No. 56, 51, Ukhilapaikpara, under Rajpur-Sonarpur Municipality Ward No. 27, Jagannathpur, PO & PS – Narendrapur, Kolkata – 700 103, Dist – 24 Parganas (South), West Bengal. (Proposal No. SIA/WB/INFRA2/401775/2022)	Additional Details Sought

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<b>Sl. No.</b>	<b>Name of the unit &amp; Project address</b>	<b>Summary Decision</b>
<b>1.1.2)</b>	<b>Industry Sector</b>	
3.	<b>M/s. Aryavrata Steel Private Limited</b> Proposed expansion of production from 36,000TPA with 3x50 TPD Kiln to 58,500 TPA with the installation of 3x65 TPD Preheaters at Village: Lohamellya, NH-6, P.O Montipa Mohanpur, P.S - Jhargram, Dist. Jhargram, PIN - 721 507, West Bengal. (Proposal No. SIA/WB/IND/60630/2021)	Additional Details Sought
<b>2)</b>	<b>Cases placed for reconsideration</b>	
<b>2.1)</b>	<b>Environmental Clearance</b>	
1.	<b>M/s. Shree Vinayak Constructions.</b> Proposed Residential, mercantile & MLCP project near Vega Circle Mall, Sevok Road, at Plot no. (LR) – 555, 611, Plot no. (RS) – 82, 82/298, 81/297, Khatian no. (LR) – 545, 2516, Khatian no. (RS) – 282/1, 282/3, 282/5, JL No.- 02, Mouza- Dabgram, Parganas-Baikunthapur, P.S.- Bhaktinagar, District- Jalpaiguri, under Siliguri Municipal Corporation, West Bengal. (Proposal No. SIA/WB/MIS/257178/2022)	Rejected
2.	<b>M/s. Medicare Environmental Management Pvt. Ltd.</b> Proposed expansion project of existing Common Bio-Medical Waste Treatment Facility by at Mouza – Mangalpur, Touzi No. 19, Manbhum, Dag No. 457(P), 458(P), JL No. 22, PO & PS – Raniganj, Dist – Paschim Bardhaman, West Bengal. (Proposal No. SIA/WB/MIS/48035/2019)	Additional Details Sought
3.	<b>M/s. Medicare Environmental Management Pvt. Ltd.</b> Proposed expansion project of existing Common Bio-Medical Waste Treatment Facility at 41, F-Road, Belgachia, PS – Liluah, PO & Dist – Howrah, West Bengal. (Proposal No. SIA/WB/MIS/47616/2019)	Additional Details Sought
4.	<b>Gouri Devi Institute of Medical Sciences and Hospital.</b> Proposed construction of Hospital Building of Gouri Devi Institute of Medical Science and Hospital (GIMSH) at Plot No. 755, 756 759, JL No. 77, Mouza – Manikara, Amlajora Panchayat, Block – Kanksa, Dist – Paschim Bardhaman, PIN – 713212, West Bengal. (VIOLATION CASE). (Proposal No. SIA/WB/MIS/204112/2021)	Recommended for Environmental Clearance under violation category
5.	<b>M/s. Kolkata Metropolitan Development Authority.</b> Proposed expansion of Calcutta Leather Complex (CLC) at Village Bantala, Post Bhojerhat, Tehsil & District South 24 Parganas, West Bengal. (Proposal No. SIA/WB/ NCP/78706/2021)	Additional Details Sought

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

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(Prof. (Dr.) Indranath Sinha)  
Member  
State Expert Appraisal Committee, West Bengal

Sd/-

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

Sd/-

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

Sd/-

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(Dr. Rajesh Kumar, IPS)  
Secretary  
State Expert Appraisal Committee, West Bengal

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**Annexure – 1**

**Inspection Report**

<b>Name &amp; Address of the project site</b>	M/s. Shree Vinayak Constructions Residential, mercantile & MLCP project near Vega Circle Mall, Sevok Road, at Plot no. (LR) – 555, 611, Plot no. (RS) – 82, 82/298, 81/297, Khatian no. (LR) – 545, 2516, Khatian no. (RS) – 282/1, 282/3, 282/5, JL No.- 02, Mouza- Dabgram, Parganas- Baikunthapur, P.S.- Bhaktinagar, District- Jalpaiguri, under Siliguri Municipal Corporation, West Bengal.
<b>Date &amp; time of inspection</b>	16.09.2022 from 12:00 hrs. to 12:30 hrs.
<b>Name of the inspecting officer</b>	Shri Samit Dutta, Env. Engineer, EIM Cell, WBPCB.
<b>Person(s) met during inspection</b>	Shri Sanjay Kumar Singhania, Partner
<b>Reasons for inspection</b>	Application made in PARIVESH portal for grant of Environmental Clearance.

**Background:**

- This is a proposal for construction of Residential, Mercantile & MLCP project comprising of Mercantile: (B1+B2+G+V), Residential: (3 towers- G+XIII) & MLCP: (G+VII). Total Built up area of the project is 62873.02 sqm. on a land area of 16577.30 sqm. Total No. of Flats 117 nos.
- The project proponent had already obtained sanction plan from Siliguri Municipal Corporation dated 24.02.2021 for Phase – 1 for a built up area of 19003.42 sqm.
- The project proponent has obtained sanction plan from Siliguri Municipal Corporation dated 06.01.2022 for a built up area of 62873.02 sqm.
- Salient features of the proposed project as submitted by the project proponent is :

<b>Salient features</b>	<b>Existing proposal</b>	<b>Present proposal</b>
Land area (as per deed)	16596.84 sqm	16596.84 sqm
Land area (as per site)	16577.30 sqm	16577.30 sqm
Reserved Land Area	906.14 sqm.	906.14 sqm.
Net Land Area	15671.16 sqm.	15671.16 sqm.
No. of blocks	Residential blocks – T1 & T2 – G+5 T3 – G+13	Mercantile: (B1+B2+G+V), Residential: (3 towers- G+XIII) MLCP: (G+VII)
No. of Flats	69 nos.	3 BHK: 39 4 BHK: 78
Latitude & Longitude of site	26°45'11.8" N & 88°26'24.0"E	
<b>Total Built-up area</b>	<b>19003.42 sqm.</b>	<b>62873.02 sqm</b>
Proposed Ground Coverage Area	2527.49 sqm. (15.25% of land area)	7101.07 sqm (45.31% of Land Area)
Road/Paved Area	--	4172.39 sqm (26.62% of Land Area)
Exclusive Tree Plantation Area	--	3243.22 sqm (20.70% of Land Area)
Open Parking Area	--	538.70 sqm (3.44% of Land Area)

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Salient features	Existing proposal	Present proposal
Service Area	--	615.78 sqm (3.93% of Land Area)
Source of Water	--	Ground water supply
Quantum of Water required	--	249 KLD
Quantity of Wastewater Generation	--	179 KLD
Treated Wastewater Recycled	--	119 KLD
Quantity of Wastewater Discharge	--	60 KLD
Quantum of Fresh Water required	--	130 KLD
Quantity of Solid Waste Generation (operational phase)	--	1110 kg/day
Constructional phase Water Demand	--	42 KLD
Total Population During Construction	--	510 persons
Total Population During Operation	--	6052 nos. (Fixed- 1197, Floating- 4843, Service- 12)
Electricity (Connected Load)	--	2928 KVA (1050 KW) by WBSEDCL
D.G. Sets for Back Up power	--	1 no. of 380 KVA & 2 no. of 1010 KVA DG set
Parking Provided	129 (Open – 66, Covered – 63)	460 nos. (Open- 50, Covered- 71, Basement- 93, MLCP- 246)
Total no. of trees	--	230 nos.
Total project cost (Rs.)	--	Rs.13650 lakh.

**Observation:**

- During inspection, it was observed that :
  - a) Tower 3 – super structure of G+13 stories completed.
  - b) Tower 1 & 2 – super structure of G+5 stories completed.
- The batching plant area should be screened.
- All construction material should be kept covered.
- The project proponent has received permission for 4 (four) borewells out of which 2 (two) borewells have been sunk. Application for permission for sinking of new borewell for capacity 15m<sup>3</sup>/hour for 4 hours with pump capacity 5 HP has been made to SWID.

**Remarks:**

- Photographs of the site are enclosed herewith.

Sd/-

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 Samit Dutta  
 EE, EIM Cell, WBPCB

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**Photographs Taken During Inspection**



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Sd/-

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Samit Dutta  
EE, EIM Cell, WBPCB



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Annexure – 2



**GOVERNMENT OF WEST BENGAL  
DIRECTORATE OF FORESTS**

Office of the Principal Chief Conservator of Forests (Wildlife)  
& Chief Wildlife Warden, West Bengal

Bikash Bhawan, North Block, Third Floor, Saltlake City, Kolkata – 700 091.  
Tel No. 2334-6900/2358-3208, Fax. 91-033-2334-5946

E-mail: [pccfwl-wb@nic.in](mailto:pccfwl-wb@nic.in)/[pccfwloffice.fd-wb@bangla.gov.in](mailto:pccfwloffice.fd-wb@bangla.gov.in), Visit us at [www.wildbengal.com](http://www.wildbengal.com)

Memo No.: 2754 / WL/ 2W-682 (Part-III)/ 2019

Date: 28 / 09 / 2022



To: Shri Ajay Kumar Singhania (Partner)  
Shree Vinayak Constructions  
E-mail: [shreevinayak6407@gmail.com](mailto:shreevinayak6407@gmail.com)

Sub: NOC regarding construction of residential cum commercial complex at Jalpaiguri – reg.

Ref.: Your application dated 14/03/2022.

Sir,

With reference to the subject and application cited above,

1. The proposed construction site is located at a distance from the nearest entry point of the nearest protected area (Baikunthapur Forest) at 02 km (an Elephant movement zone) and approximately 04 km distance from Mahananda Wildlife Sanctuary.
2. As per the Eco-Sensitive Zone notification of Mahananda Wildlife Sanctuary by the MoEF & CC's no. 3237(E) dated 22/09/2022, the ESZ of Mahananda Wildlife Sanctuary extends 5 km uniformly around the boundary of Mahananda WLS. Therefore, the project site is falling within the ESZ.
3. The Hon'ble Supreme Court of India in its order dated 03/06/2022 in I.A. No. 1000 of 2003 in W.P. 202 of 1995, ordered that no new structure shall be permitted to come up in ESZ for whatsoever purpose, hence, permission for the proposed structure cannot be granted from this end.

Yours faithfully,

(Debal Ray)

Principal Chief Conservator of Forests, Wildlife  
& Chief Wildlife Warden, West Bengal

Memo No.: 2754(3) / WL/ 2W-682/ 2021

Date: 28 / 09 / 2022

Copy forwarded for information to:-

1. The Chief Conservator of Forests, Northern Circle, West Bengal.
2. The Divisional Forest Officer, Baikunthapur Division, West Bengal.
3. Shri. U.K.Bhattacharya, Chairman, SEIAA, Dept. of Environment, West Bengal.

(Debal Ray)

Principal Chief Conservator of Forests, Wildlife  
& Chief Wildlife Warden, West Bengal

Sarita/WL

**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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Annexure – 3

**Remediation Plan of Gouri Devi Institute of Medical Sciences and Hospital**

**Total Amount – Rs.85,89,657.10**

<b>Total Amount of Remediation Plan (Rs.)</b>	<b>Fund Allocation for greening activity (Rs.)</b>	<b>Amount of Other fund allocated (Rs.)</b>
<b>85,89,657.10</b>	<b>858966</b>	<b>7730691</b>

<b>Sl. No.</b>	<b>Items of work to be executed</b>	<b>Total fund allotment (Rs.)</b>
<b>1.</b>	<b>Improvement of local solid waste management facilities e.g. installation of composters for municipal/panchayet market areas with specific consent letters from the respective municipalities/panchayet body</b>	<b>7730691</b>
	<b>Installation of solar lighting in public building/streets/parks in the surrounding community area</b>	
	<b>Improvement and maintenance of water bodies in surrounding areas</b>	
	<b>Rainwater harvesting projects with definite consent letters from concerned authorities</b>	
	<b>Plantation in surrounding areas/development of parks/playground</b>	
	<b>Drinking water, sanitation or solid waste management facilities for the local community</b>	
	<b>Any other project for improving environment</b>	
<b>2.</b>	<b>For Greening activity</b>	<b>858966</b>
<b>Grand Total</b>		<b>85,89,657</b>

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Annexure – 4

**Table 2.5 – Existing Water Requirement of CLC**

S. No.	Purpose	Water Requirement	Quantity	Total Water Requirement (KLD)
1	Domestic	40 lpcd	20,995 people	840
2	Manufacturing	30 KL/MT	1,000 MTPD	30000
<b>Total</b>				<b>30840</b>

**Table 2.6 – Water Requirement for the Proposed Expansion**

S. No.	Purpose	Water Requirement	Quantity	Total Water Requirement (KLD)
1	Domestic	40 lpcd	30,000 people	1200
2	Manufacturing	30 KL/MT	600 MTPD	18000
<b>Total</b>				<b>19200</b>

**Table 2.7 – Water Requirement after the Proposed Expansion**

S. No.	Purpose	Water Requirement	Quantity	Total Water Requirement (KLD)
1	Domestic	40 lpcd	50,995 people	2040
2	Manufacturing	30 KL/MT	1,600 MTPD	48000
<b>Total</b>				<b>50040</b>

## 2.8.2 Wastewater Generation

About 95% of the process water required during the production of leather comes out as wastewater.

**Table 2.8 – Current Wastewater Generation**

S. No.	Purpose	Wastewater Generation	Quantity	Total Wastewater Generation (KLD)
1	Domestic	35 lpcd	20,995 people	735
2	Manufacturing	28.5 KL/MT	1,000 MTPD	28500
<b>Total</b>				<b>29235</b>

**Table 2.9 – Wastewater Generation Due to the Proposed Expansion**

S. No.	Purpose	Wastewater Generation	Quantity	Total Wastewater Generation (KLD)
1	Domestic	35 lpcd	30,000 people	1050
2	Manufacturing	28.5 KL/MT	600 MTPD	17100
<b>Total</b>				<b>18150</b>

**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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**Table 2.10 – Wastewater Generation after Proposed Expansion**

S. No.	Purpose	Wastewater Generation	Quantity	Total Wastewater Generation (KLD)
1	Domestic	35 lpcd	50,995 people	1785
2	Manufacturing	28.5 KL/MT	1,600 MTPD	45600
<b>Total</b>				<b>47385</b>

### **2.8.3 Wastewater Treatment**

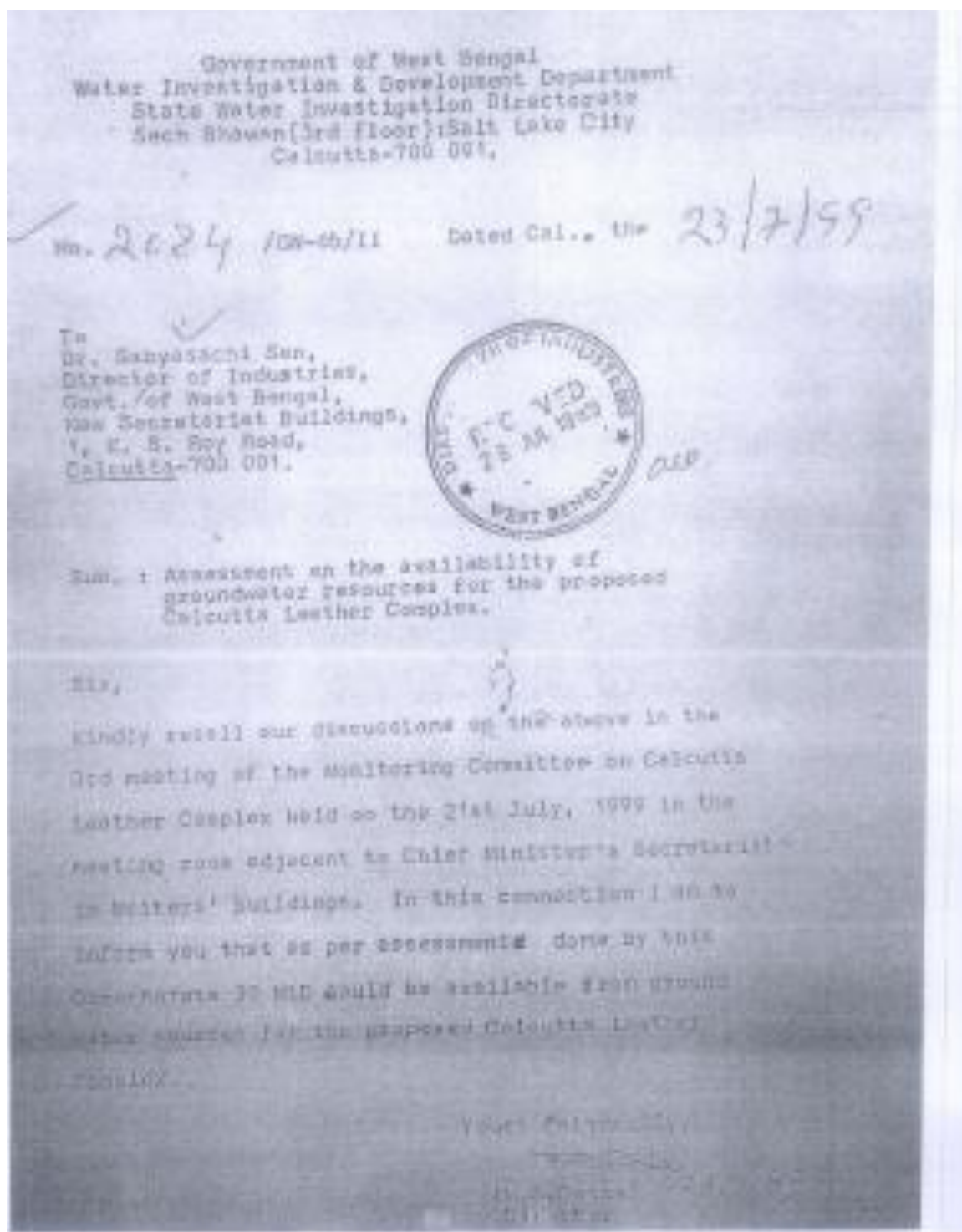
The process effluent generated from the individual tannery units will be sent to Pre-treatment Plant (PETP) for partial treatment of the tannery effluent before discharge to the Common Effluent Treatment Plants (CETP) of the leather complex for final treatment. The waste water from the PETP will be discharged via underground HDPE pipeline network by gravity for treatment at the 40 MLD CETP (comprising of 8 modules of 5 MLD each). However, additional plant capacity of 10 MLD is proposed in order to handle the increased effluent flowrate for the proposed expansion and the site drawing of the same is given below.

The domestic wastewater will be treated within the two STPs within CLC of 800 KLD and 350 KLD. However, after the proposed, one additional STP of 650 KLD capacity will be required to treat the additional sewage generated from individual units.

Chrome effluent from tanneries will be treated by individual tanneries within their units. The Treatment process of both PETP and CETP are given below.

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Annexure – 5





**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**



Government of West Bengal  
Department of Water Resources Investigation & Development  
Khadya Bhaban, Block-A (5<sup>th</sup> Floor)  
11A, Mirza Galib Street, Kolkata- 700087

No. 525 – Pr. Secy. (WRIDD)

Date: 12.07.2016

To,  
The Principal Secretary  
Government of West Bengal  
Department of Micro, Small & Medium Enterprises and Textiles  
Hemanta Bhaban (4<sup>th</sup> Fl)  
12, BBD Bag (East)  
Kolkata- 700001

**Sub:** Re-Assessment of Groundwater Resources in connection with Issuance of Permit for Groundwater Withdrawal in Kolkata Leather Complex (KLC), Bantala under Bhangore I Block, South 24 Parganas District

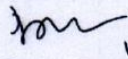
**Ref:** Your Letter No. 825/MSMET (V)/7L-12/16 Dt. 11.03.16

Sir,

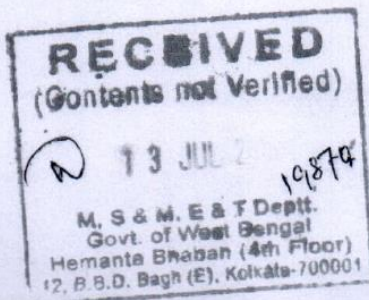
As per the proposal made vide letter referred to above, re-assessment of groundwater resources in connection with issuance of permit for groundwater withdrawal in Kolkata Leather Complex (KLC), Bantala under Bhangore-I Block, South 24 Parganas District was taken up by the State Water Investigation Directorate (SWID).

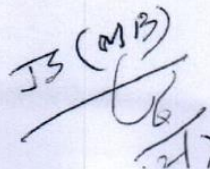
2. As per earlier groundwater assessment made 16 years back by SWID and submitted to the Director of Industries vide memo no. 2084/GW-65/II dt. 23.7.99, the rate of GW withdrawals @30 MLD was permissible i.e. maximum 11 MCM was allocated for KLC during the year 1999. GW utilization by KLC is 14.39 MCM, which surpasses 11 MCM as on the date.
3. As per re-assessment report for the year 2015-2016, KLC cannot be allowed for further withdrawal of groundwater from three-tier confined aquifer system under Bhangore I Block. However, keeping in reserve sufficient available groundwater for future irrigation and infrastructural & industrial expansion, KLC may be allowed for withdrawal of fresh groundwater @5400 KLD i.e. **5.4 MLD** from unconfined aquifer (existing upto depth of 50-60 Meter below the ground level). The suggested rate of withdrawal of fresh groundwater is @ 30 M<sup>3</sup> per Hour. If this amount of groundwater withdrawal doesn't fulfill the requirement of KLC, surface water from natural water bodies inside the KLC area may be planned for through additional pumping.
4. The KLC may also be advised to approach the District Level Authority, constituted under the provisions of the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005, as amended in 2015 for the purpose of obtaining necessary permission for the said purpose.

Yours faithfully,

  
(Naveen Prakash)

PRINCIPAL SECRETARY








**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**

CS/07/2019/01753 (Copy)



Government of West Bengal  
Water Resources Investigation & Development Department  
Block-A, 5<sup>th</sup> Floor, Khadya Bhawan,  
11A, Mirza Ghalib Street,  
Kolkata-700 087.

Subrata Banerjee (SMU)  
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12/9/19

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No. 261 /Pr. Secy./WRIDD/2019/WI/C/1M-24/2019  
From: H. Mohan, IAS,  
Principal Secretary.

Dated, 29<sup>th</sup> August, 2019

To : Mrs. Vandana Yadav, IAS,  
Secretary,  
Micro, Small & Medium Enterprises and Textiles Department,  
Shilpa Sadan, 4, Camac Street,  
Kolkata-700 016.

**RECEIVED**  
Contents not verified  
1943  
19 SEP 2019  
A.C.S.  
M. S. & M. E. & T. Deptt.  
Govt. of West Bengal

Sub : Permission for extraction of 5 MLD of underground water at CLC, Bantala  
Ref : your letter No. 2020/MSMET/V/7L-03/2019 dated 31<sup>st</sup> July, 2019

Madam,

Please refer to your letter under reference on the afore – referred subject. In this connection, I would like to point out that SWID had been requested to explore the possibility of further development of ground water inside Kolkata Leather Complex in Bhangar-I Block in South 24-Parganas district. A copy of their report that was taken up for discussion in a meeting under the Chair of ACS, MSME & T is enclosed for perusal. Subsequently, the Secretary, Agriculture Department has confirmed that there is no scope of extension of cultivation in mouzas with JL No.32, 33, 35 and 35 of Tardah Gram Panchayat of Bhangar-I Block.

Accordingly, the final recommendations of the Department, to be red with the afore-mentioned report are as follows:

1. In view of the present groundwater scenario and stressed-aquifer condition, groundwater should not be further extracted from the 3-tier confined aquifer system while water may be allowed to be extracted from unconfined aquifer I.
2. In order to release some of the stress from the three Confined aquifers, some of the existing industrial draft at CLC needs to be relocated to the first Unconfined aquifer. As data is scanty for the third aquifer and time series data unavailable, it is advised that draft may be reduced as follows :
  - a. Aquifer – II to the extent of 3.85 MCM
  - b. Aquifer – IV to the extent of 0.65 MCM,i.e. industrial units drawing a total of 4.50 MCM may be relocated to the Aquifer – I (UC).



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- 2 -

3. With a total of 6.27 (1.77+4.50) MCM of water resources thus getting committed, there would be a net available potential annual draft of 1.91 MCM, i.e. 5.23 MLD, say 5 MLD, for extraction from the Aquifer - I (UC), which may be tapped by sinking suitable numbers of shallow Light-Duty Tube Wells up to 60 m depth below GL.
4. As the quantum of proposed, potential extraction leaves little room for over drawal, and also to prevent recurrence of the current type of situation where the unauthorized extraction far exceeds the authorized extraction, it is necessary to have a very robust enforcement system. This system may be drawn up in conjunction with SWID.
5. It also requires mentioning that as the CLC had contemplated a conjunctive use of surface water, ground water and rain water (in the form of rain water harvesting) for meeting the demand for water, artificial recharging of the aquifer system should be taken up to replenish the ground water resources. While artificial recharge through Recharge/ Injection Wells is generally feasible in urban and industrial areas, in view of the toxic and vile nature of industrial effluent of the CLC, it would be necessary to take up recharge in a scientifically planned manner under Government surveillance.

You are requested to advise Calcutta Leather Complex to move SWID for grant of formal permission for extraction of quantum of water as referred to above while taking into account the aforementioned recommendations.

Yours faithfully,

Encl: As above.

Sd/-  
(H. Mohan)

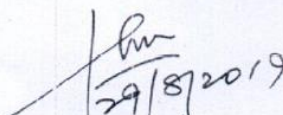
Copy for information and necessary action to the Director - in - charge, SWID

Sd/-  
Principal Secretary

No. 261/2(4)/Pr. Secy./WRIDD/2019/WI/O/1M-24/2019 dt. 29.08.2019.

Copy for kind information to :

1. Chief Secretary, West Bengal.
- ✓ 2. Additional Chief Secretary, MSMET Department.
3. Principal Secretary, PHE Department.
4. Secretary, Agriculture Department.

  
29/8/2019  
Principal Secretary



**Minutes of the fifty-fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on November 09, 2022 at 2:00 p.m. at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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Annexure – 6



**Kolkata  
Metropolitan  
Development  
Authority**

**OFFICE OF THE CHIEF ENGINEER  
GAP SECTOR, K.M.D.A  
'D' BLOCK, 1<sup>ST</sup> FLOOR, UNNAYAN BHAVAN  
SALT LAKE, KOLKATA-700 091**

Memo No. 53 /KMDA/HOUSING(RE)/W-137/2014-(Pt-III), Date: 19.10.2022

To whom it may Concern

This to certify that, balance water requirement of about 15MLD for expansion of Calcutta Leather Complex will be arranged by Sector-VI, ITA in collaboration with PHE Directorate, Govt. of West Bengal.

Chief Engineer, GAP Sector  
In-Charge of CLC Works,  
Housing (RE) Sector K.M.D.A

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Annexure – 7

**Report of Site (Calcutta Leather Complex) Inspection undertaken by SEAC (WB) on 05.11.2022**

Pursuant to the resolutions adopted in its 52nd meeting held on 14/09/2022, the State Expert Appraisal Committee (SEAC) undertook a site inspection of the Calcutta Leather Complex at Bhangar, Karaidanga, Bantala, P.O.- Bhojerhat, South 24 Parganas, PIN- 743502 on 05.11.2022. Following SEAC members comprised the inspecting team:

1. Dr. Ashit Kr. Mukherjee,	Chairman, SEAC
2. Prof. (Dr.) Anirban Gupta,	Member, SEAC
3. Prof. (Dr.) Aniruddha Mukhopadhyay,	Member, SEAC
4. Prof. (Dr.) Indranath Sinha,	Member, SEAC
5. Dr. Nilangshu Bhushan Basu,	Member, SEAC
6. Prof. (Dr.) Pradip Kumar Sikdar,	Member, SEAC
7. Prof. (Dr.) Sampa Chakraborty,	Member, SEAC
8. Shri Shubhendu Bandyopadhyay,	Member, SEAC

The team was accompanied by:

1. Shri Samit Dutta,	Environmental Engineer, EIM Cell, WBPCB
2. Shri Dhiman Chakraborty,	Asst. Env. Engineer, EIM Cell, WBPCB
3. Shri Nayan Das,	Asst. Env. Engineer, Salt Lake R.O., WBPCB
4. Rajib Haldar,	Superintending Engineer, KMDA
5. Bishwajit Pal,	Executive Engineer, KMDA
6. Md. Hasibul Molla,	Assistant Engineer, KMDA

The inspection was undertaken on Saturday, the 5th November 2022 from 11:30 hr to 16:00 hr.

The inspecting team met, amongst others, the following project stake holders, majority of whom represented the Calcutta Leather Complex Tanners Association.

1. Shri Ramesh Kr. Junaza, President, CLCTA
2. Janab Imran Ahmed Khan, General Secretary, CLCTA
3. Janab Sahid Parvez, Jt. Secretary, CLCTA
4. Janab Ziya Nafais, Jt. Secretary, CLCTA
5. Janab Abu Matin, CEO, CLCTA

- a) The inspecting team was received at the administrative building of CLCTA where, through a presentation, an overview of the proposed expansion project was elucidated by the project proponent. The presentation was followed by an interactive discussion during which a few queries raised by the visiting SEAC team were clarified.
- b) The team, escorted by a few representatives from the proponent side, then visited a pilot scale biogas plant installed to produce biogas from tallow and CETP sludge.
- c) Common Effluent Treatment Plants existing at the site was then inspected. The plant comprises eight modules; each of 05 MLD treatment capacity. At the time of inspection, it was observed that only the modules 5, 6, 7 & 8 were operational while the modules 1, 2, 3 & 4 were not operational (under maintenance and upgradation, therefore not inspected).

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- d) Each of the modules 5, 6, 7 & 8 comprises collection tank followed by bar screening chamber, MnSO<sub>4</sub> dosing tank, equalization tank with diffused aeration, flash mixer (poly aluminum chloride dosing), primary clariflocculator with polyelectrolyte dosing followed by aeration tank, secondary clarifier, TESPS (treated effluent sump and pumping station) for final disposal.
- e) Sludge management is accomplished in two stages. Solid liquid separation is accomplished in an industrial filter press. The separated solid is air dried. The inspection team was shown paver blocks purportedly prepared from the separated solid sludge. It was reported that CLCTA has taken up the block manufacturing process on a pilot scale.
- f) An Online Continuous Effluent Monitoring System (OCEMS) has been installed in the TESPS and a laboratory for testing of effluent has also been functioning. However, no flow meter / totaliser has been observed during inspection.
- g) There are two TESPS, but the visiting team was informed that the treated effluent from the entire leather complex is discharged through a single point to the adjacent canal.
- h) The reports of periodic monitoring done by RO, WBSPCB indicated that TDS of the treated effluent was above the standard for disposal.
- i) The inspecting team also visited a tannery unit owned and operated by M/s. Vinit Gloves Mfg. Pvt. Ltd. and acquainted themselves with the tanning process from raw hide to finished leather and leather products (industrial leather gloves). The preliminary treatment plant for the non-chrome wastewater and chromium recovery plant for the chrome wastewater were also visited by the team.

Based on the presentation made, interactions with stake holders, and the inspection visits to the CETP and other facilities, the inspecting team made the following queries / clarifications :

- xiii. **FRESHWATER REQUIREMENT:** Additional freshwater requirement for the proposed expansion project and sources thereof. Commitments received from or MoU entered with any external agency may be clearly mentioned. Post expansion total water demand for the entire complex may be unambiguously stated and the projected supply demand situation may be explained.
- xiv. **WASTEWATER GENERATION:** Total wastewater to be generated and the proposed effluent management system may be unambiguously stated with appropriate details. It appears that when the expansion of the project is accomplished an additional 08 MLD of wastewater would be generated necessitating establishment of two modules of CETP each of 05 MLD capacity. Clear commitments are needed for the same.
- xv. **WATER BALANCE DIAGRAM:** Process flow sheets depicting water requirements provided with the EMP leave much to be desired. Appropriate Water Balance Diagrams giving quantitative details may be provided.
- xvi. **LANDUSE MAP:**
  - (a) **EXCLUSIVE TREE PLANTATION AREA TO BE INDICATED:** The presented land-use map indicated composite map of water body and plantation area. The project proponent will have to ensure that plantation is undertaken in at least 33% of the project land area. A revised land use map for the entire project area may be prepared and submitted.

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- (b) In the land utilization plan, an area was marked-up for the CETP for the proposed expansion. However, during actual inspection separate area was not found. This should be clarified. Pre-treatment scheme of the individual tanneries should also be explained. Details of the chrome recovery to be described.

- xvii. **STATUS OF SOLID WASTE MANAGEMENT INCLUDING NON-HAZARDOUS AND HAZARDOUS WASTE:** Both the present status and future proposals for Solid Waste Management of the entire leather complex may be unambiguously narrated. It should elucidate various aspects of Non-Hazardous Waste Management and Hazardous Waste Management separately.

The inspecting team, however, advised the CLCTA to exercise necessary caution before launching the tile manufacturing process on a commercial scale because the tannery sludge usually contain inorganic contaminants like chromium salts. As such, before manufacturing is taken up on a commercial scale, leaching potential of these substances, particularly chromium, may be ascertained to ensure that the tiles are environmentally compliant and safe.

- xviii. **EMP:**

- (a) **REVISED EMP INCLUDING BREAK UP (YEARWISE AND ITEMWISE) OF NEED BASED ACTIVITY:** The CER commitments are rather imperceptive. The activities may be clear and specific against specific time frames with assured commitment of resources.

- (b) The beneficiary of the need-based activities to be identified and to be displayed.

- xix. **POLLUTION CONTROL:** Ambient air quality needs to be monitored periodically and reports to be submitted.

- xx. **CETP FLOW DIAGRAM:** The process flow diagram of the existing and proposed CETPs needs to be reported in greater detail.

- xxi. **WATERBODIES:** Plan for maintenance of the waterbodies inside the project area should be furnished.

- xxii. **BIOGAS PLANT:** The bio-gas plant installed on pilot scale for the existing CETP, if practically feasible, should be regularized and also a similar plan for the proposed expansion unit should be submitted with details of raw materials required, rate of generation etc.

- xxiii. **DISPLAY BOARD:** Display board showing all the environmental parameters to be installed for public display. Plan in this regard to be submitted.

- xxiv. **OCEMS** should be installed for all Treated Effluent Sump and Pumping Station (TESPS). The OCEMS should be connected with CPCB server for real-time data upload.

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Photographs of the site are enclosed along with.



SEAC members on inspection



Aeration tank



Clariflocculator





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Sd/-

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

Sd/-

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

Sd/-

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

Sd/-

---

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

Sd/-

---

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

Sd/-

---

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

Sd/-

---

(Prof. (Dr.) Indranath Sinha)  
Member  
State Expert Appraisal Committee, West Bengal

Sd/-

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(Shri Shubhendu Bandyopadhyay)  
Member  
State Expert Appraisal Committee, West Bengal