Minutes of 412th SEAC Meeting Dated 24/07/2019

The 412th meeting of SEAC was held in Directorate of Environment, U.P. on 24/07/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Shri Ramesh Chand Kataria,	Member
8.	Prof. S.K. Upadhyay,	Member
9.	Dr. Ajoy Kumar Mandal,	Member
10.	Shri Meraj Uddin,	Member
11.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 412th SEAC meeting. The SEAC unanimously took following decisions on the agenda points discussed:

1. <u>New 60 KLPD Molasses Based Distillery at Gata No./Plot No.-00027, 00028, 00037, Village-Adharhedi Musapur, The. & District-Saharanpur, U.P., M/s Daya Sugar Ltd. File No. 4909/Proposal No. SIA/UP/IND2/38518/2018</u>

The project proponent through the letter dated 24/07/2019 requested to defer the matter in next SEAC meeting. The committee discussed matter and directed to defer the matter in next SEAC meeting.

2. <u>Group Housing Complex at Plot No.-GH-01, Sector-43, Noida, District- Gautam Budha</u> Nagar, U.P., M/s Rosebery Estate LLP. File No. 4916/Proposal No. SIA/UP/MIS/38559/2019

A presentation was made by project proponent along with their consultant M/s Perfact Enviro Solutions Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. The environmental clearance is sought for Group Housing Complex at Plot No.-GH-01, Sector-43, Noida, District- Gautam Budha Nagar, U.P., M/s Rosebery Estate LLP.
- 2. Terms of reference in the matter were issued through SEIAA, U.P. letter no. 20/Parya/SEAC/4631/2018dated 03/05/2019.
- Particulars Unit Sr. No. Detail Plot area m^2 44310 1 Permissible Ground Coverage (40%) 2 m^2 17724 3 Ground coverage Proposed (20%) m^2 8862 4 Permissible FAR (3.500) m^2 155085
- 3. Area details of the project:

5	Permissible Green FAR (0.175)	m^2	7754.25
6	Total Permissible FAR (3.675)	m^2	162839.25
6(a)	Proposed Residential FAR	m ²	162812
6(b)	Proposed FAR Area for Guard Room	m ²	25
7	Total FAR Proposed (A)	m^2	162837
8	Permissible Service FAR Area (i.e. 15% of Permissible FAR)	m^2	24425.88
8(a)	Proposed Service FAR Area (B)	m^2	24181.62
9	Podium + Balcony + Other Non-FAR Area(C)	m^2	91418.25
10	Basement Area		
10(a)	1st level Basement Area	m^2	36556
10(b)	2nd level Basement Area	m^2	37878
10(c)	Total Basement Area (D)	m^2	74434
11	TOTAL BUILT-UP AREA (A+B+C+D)	m^2	352870.879
12	Total Green Area (31%)	m^2	13736.1
13	Road, Open area & surface area	m^2	21711.9
14	Maximum no. of basement	no.	2
15	Maximum no. of floors	no.	2B + 1P + 45
16	Max. Height of building	m	155.6
17	No. of Towers	no.	7 + 2 Club/Community Blocks
18	Total no. of Dwelling Units	no.	1150
4. I	and use details:		

Land Use	Area (sqm)	Percentage (%)
Ground Coverage	8862	20
Green Area	13736.1	31
Road Area/unpaved area/ open area (including Surface parking area)	21711.9	49
Total	44310	100 %

5. Population details:

Residents	No.	6842
Staff (shop)	No.	67
Café (visitors)	No.	128
Visitors	No.	744
Total Population	No.	7781

6. Salient features of the project:

Total water requirement	KLD	628
Fresh Water Requirement	KLD	396
Treated water Reuse	KLD	232
Total waste water generation	KLD	532
STP capacity	KLD	800
No. of Rain water Harvesting pits	Nos.	08
Total Municipal Solid waste generated	kg/day	3220
Power Source	-	Paschimanchal Vidyut Vitran Nigam Ltd.
Total Power load	kVA	9610
No. of DG sets	kVA	4 x 2000 kVA +2 x 750 kVA
Parking Required	ECS	2035
Parking Provision	ECS	2524

7. Water calculation details:

Water	Population	Factor	Total Water	Domestic Water	Flushing Water	Waste Water
Requirement		(LPCD)	Requirement	Requirement	Requirement	Generated
			(KLD)	(KLD)	(KLD)	(KLD)
Domestic						
Residents	6842	86	588	388	200	

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Staff	67	45	3	1.7	1.3	
Cafe	128	15	2	0.6	1.4	
Visitors	744	15	11	3.7	7.3	
Sub Total -			604	394	210	
Water						
Requirement						
Sub Total -				315	210	525
Waste Water						
Swimming Pool			2			Nil
& water body						
Wet scrubber			6			5
Misc.			3			2
Gardening			13			Nil
Total	7781		628			532

8. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

- 1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
- 2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
- 3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
- 4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
- 5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
- 6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- 7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
- 8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- 9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
- 10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
- 11. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
- 12. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- 13. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

- 14. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
- 15. No parking shall be allowed outside the project boundary.
- 16. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- 17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
- 18. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- 19. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 20. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
- 21. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- 22. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
- 23. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- 24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- 25. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
- 26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
- 27. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
- 28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
- 29. All the internal drains are to be covered till the disposal point.
- 30. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
- 31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

3. <u>Expansion of Group Housing Project at Plot No.- GH-01, Sector - 46, Noida, Gautam Budha</u> <u>Nagar, U.P. M/s Gardenia Aims Developers Pvt. Ltd. File No. 4922/Proposal No.</u> <u>SIA/UP/MIS/38716/2018</u>

RESOLUTION AGAINST AGENDA NO-03

A presentation was made by project proponent along with their consultant M/s Ambiental Global Private Limited. The committee discussed the matter and directed to defer the matter due to unavailability of structure stability certificate. The matter will be discussed only after submission of online information on prescribed online portal.

4. <u>Group Housing Project ''Vinayak Apartment'' at Sector- 7 B, Majhola Yojna, Part-II, Delhi</u> <u>Road, District- Moradabad, U.P. File No. 4897/Proposal No. SIA/UP/MIS/108325/2019</u>

RESOLUTION AGAINST AGENDA NO-04

The project proponent did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

5. <u>Expansion Group Housing Project "Panchsheel Pratistha" at Plot No.-GH-16, Sector-75, Noida, District- Gautam Buddha Nagar, U.P., M/s Valuent Infra Developers Pvt. Ltd. File No. 4898/Proposal No. SIA/UP/MIS/109070/2019</u>

RESOLUTION AGAINST AGENDA NO-05

A presentation was made by project proponent along with their consultant M/s Ambiental Global Private Limited. The committee discussed the matter and directed to defer the matter due to unavailability of structure stability certificate. The matter will be discussed only after submission of online information on prescribed online portal.

6. <u>Group Housing Project at Khasra No. 69m, 70m, 70mi, 71m, 71mi, 72m, 72mi, 73m, 73mi, 76m, 76mi, 77/2, 79mi at Village Chhajarsi, Distt Dadri, Gautambudh Nagar, Uttar Pradesh.</u> <u>File No. 4905/Proposal No. SIA/UP/MIS/108509/2019</u>

A presentation was made by project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. The environmental clearance is sought for Group Housing Project at Khasra No. 69m, 70m, 70mi, 71m, 71mi, 72m, 72mi, 73m, 73mi, 76m, 76mi, 77/2, 79mi at Village Chhajarsi, Distt Dadri, Gautambudh Nagar, Uttar Pradesh, M/s Ramprastha Urban Development Pvt. Ltd.
- 2. Total Saleable DU's (dwelling units) is 456 & EWS/LIG units is 84. Maximum no. of proposed floors for residential block is 2B+ST/PO+30.

Sl. No.	Description	Quantity	Unit
GENERA	L		
1	Gross Plot Area	28697	SQMT
2	Proposed Built Up Area	113679.155	SQMT
3	Number of Building Blocks	11(8+3)	No.
4	Total no of Saleable DU's	456	No.

3. Salient features of the project:

5	EWS & LIG DU's			84 No.		No.
6	Max Height of Building (Upto Terrace)			96		М
7	Max No of Floors			2B+ST/PC	0+30	No.
8	Expected Population (2700 Residential+744 Floating)			3444		No.
9	Cost of Project	0,		90		CR
AREAS						•
10	Permissible Ground Coverage Area (40%)			11478.80		SQMT
11	Proposed Ground Coverage Area (18.2%)			5228.066		SQMT
12	Proposed FAR Area			43953.21		SQMT
13	Non FAR areas - Total Basement Area			43133.93		SQMT
14	Non FAR areas - Stilt/Podium Area			11706.79		SQMT
15	Other Non FAR Service areas			14885.22		SQMT
16	Proposed Total Built Up Area			113679.16		SQMT
WATER				•		-
17	Total Water Requirement			254.11		KLD
18	Fresh water requirement			183.32		KLD
19	Treated Water Requirement			70.79		KLD
20	Waste water Generation			209.50		KLD
21	Proposed Capacity of STP			250		KLD
22	Treated Water Available for Reuse			167.60		KLD
23	Treated Water Recycled			70.79		KLD
24	Surplus treated water to be discharged in Munici	pal Sewer		97		KLD
RAIN WA	TER HARVESTING			•		•
25	Rain Water Harvesting Potential			5870.67		KL
26	No of RWH of Pits Proposed			7		No.
PARKING	<u> </u>					
27	Total Parking Required as / Building Bye Laws			509		ECS
28	Proposed Total Parking			1937		ECS
29	Parking on Surface			277		ECS
30	Stilt & Podium Parking			402		ECS
31	Parking in Basements 1		1258		ECS	
32	2 LIG & EWS Parking Reqd./ proposed		168		SQMT	
GREEN A	AREA					
33	Required Green Area (15% of plot area)			4304.55		SQMT
34	Proposed Green Area (15.1% of plot area)			4347.58		SQMT
WASTE						
35	Total Solid Waste Generation			1.45		TPD
36	Organic waste			0.87		TPD
37	Quantity of E-Waste Generation- Kg/Day			9.25		KG/DAY
38	Quantity of Hazardous waste Generation			0.72		LPD
39	Quantity of Sludge Generated from STP			142		KG/DAY
ENERGY						
40	Total Power Requirement (UPPCL)			1780		KW
41	DG set backup		1000		KVA	
42 No of DG Sets				2		No.
4. F	Population details:					
RESIDEN	TIAL	DU'S	POP	/DU	TOTAL	
					POPULA	ATION
SALEABLE DU'S		456	5		2280	
ES & LIG	UNITS	84	5		420	
TOTAL					2700	
NON RES	SIDENTIAL					
COMMU	NITY HALL/COMMERCIAL (Employees etc.)	Area				
COMME	RCIAL/CONVT SHOPPING	205.32	L.S.		21	

COMMUNITY HALL/CLUB	438.87	L.S.	9
SCHOOL	820.91	L.S.	205
FACILITY MANAGEMENT STAFF		L.S.	45
TOTAL			280
VISITORS			
RESIDENTIAL			270
COMMERCIAL, COMMUNITY HALL			195
TOTAL VISITORS			465
TOTAL POPULATION			3444

5. Water calculation details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY
RESIDENTIAL			
DOMESTIC	2700	65	175.50
FLUSHING	2700	21	56.70
NON RESIDENTIAL (Working)			
DOMESTIC	280	18	5.03
FLUSHING	280	12	3.35
VISITORS			
DOMESTIC	465	6	2.79
FLUSHING	465	6	2.79
TOTAL POPULATION	3444		
	Area in sqm		
GARDENING	4348	1	4.35
	KVA		
D G COOLING	1000	0.9	3.60
TOTAL WATER REQUIREMENT		254.11	
Estimated waste water Generation: 209 K	LD		

Proposed STP (Capacity): 250 KLD

6. Waste generation details:

Nature of Waste	Quantity	Unit
Total Waste Generation	1.45	TPD
Organic Waste Generation	0.87	TPD
E- Waste Generation	9.2	KG/Day
Sludge Generation	142	KG/Day
Hazardous Waste Generation (DG Waste Oil)	0.72	Lts/ Day

7. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

- 1. Structural stability certificate vetted by qualified structural engineer preferably by IIT/CBRI is to be submitted before SEIAA meeting.
- 2. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
- 3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.

- 4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
- 5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
- 6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
- 7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- 8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
- 9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- 10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
- 11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
- 12. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
- 13. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- 14. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- 15. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
- 16. No parking shall be allowed outside the project boundary.
- 17. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- 18. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
- 19. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- 20. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 21. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
- 22. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- 23. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction

phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

- 24. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- 25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- 26. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
- 27. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
- 28. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
- 29. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
- 30. All the internal drains are to be covered till the disposal point.
- 31. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
- 32. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

7. <u>Group Housing at Plot No.-GH-2B, Sector-12, Greater Noida, District-Gautam Buddha</u> <u>Nagar, U.P., M/s SAG Realtech Pvt. Ltd. File No. 4905-A/Proposal No.</u> <u>SIA/UP/MIS/109534/2019</u>

A presentation was made by project proponent along with their consultant M/s Ind Tech House Consult. The committee discussed the matter and decided that a site visit shall be undertaken by Shri Meraj Uddin, Member, SEAC and Dr. Pramod Kumar Mishra, Member, SEAC within 15 days and site visit report should be submitted before SEAC. The matter shall be discussed after receipt of site visit report.

8. <u>Group Housing Project (PMAY) ''Migsun Atharva Phase-I'' at Khasra No.-</u> <u>408,409,410,411,423,424, 425, 426, 427, 428, 429, 430, 431, 432(M), 433 (M), 434, 488, 489,</u> <u>490, 492, 493, Village-Noor Nagar,District- Ghaziabad, U.P., M/s Mahaluxmi Buildtech Ltd.</u> <u>File No. 4894/Proposal No. SIA/UP/NCP/38226/2019</u>

A presentation was made by project proponent along with their consultant M/s Ambiental Global Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

 The environmental clearance is sought for Group Housing Project (PMAY) "Migsun Atharva Phase-I" at Khasra No.-408,409,410,411,423,424, 425, 426, 427, 428, 429, 430, 431, 432(M), 433 (M), 434, 488, 489, 490, 492, 493, Village-Noor Nagar, District- Ghaziabad, U.P., M/s Mahaluxmi Buildtech Ltd.

Description	Proposed
Plot Area	39,724.47 m ²
Built-up Area	$1,75,258.18 \text{ m}^2$
Green Area	3,573.00 m ² @ 10 % of Total Plot Area
Total Water Requirement	486 KLD
Fresh Water Requirement	326 KLD

2. Salient features of the project:

Wastewate	ar Generation	401 KI D			
Capacity	of STD	401 KLD			
Capacity C	to Concretion	482 KLD			
Dorking D	aguired & Provided	011 ECS & 1875 ECS			
Farking Ko	nond & Source	5 250kVA (Deschimenshel Viduu	t Vitron Nigom	Limited)	
Poole up		3,230 k V A (Faschinian chai V luyu) 4,500 k V A (2 x 1250 k V A + 1 x	$\frac{1}{750}$ $\frac{1}{2}$ $$	Lillined)	
Dack up		4,500 kvA (5 x 1250 kvA + 1 x)	730 KVA)		
RWH Pits 9 pits					
Project Co	st	455 Crores			
Expected	Date of Completion of project	5 years			
3. P	area details of the project:		2		
S. No.	Particulars		Area (m ²)		
1.	Total Plot Area of Phase I		39,724.47		
2.	Area For Road Winding in Phase I		3499.67		
3.	Net Plot Area of Phase I (1-2)		35,724.80		
4.	10% Green Area of Phase I		3,573.00		
5.	Permissible Ground Coverage of Phase I		14,289.92		
	(@40% of Net Plot Area)				
6.	Proposed Ground Coverage of Phase I		9686.29		
	(27.11% of Net Plot Area)				
7.	Total Permissible F.A.R. Area (For Phase I, F	Phase II & Phase III)	2,30,876.57		
	A. Residential F.A.R. @ 2.5		1,49,919.85		
	B. Incentive F.A.R. for residential @ 1		59,967.94		
	C. Commercial F.A.R.		14,991.99		
	(@10% of Permissible F.A.R @ 2.5)	5,996.79			
	D. Incentive F.A.R. for commercial				
	(@ 10% of Permissible TDR F.A.R @1)				
8.	Total Proposed F.A.R. Area For Phase I	1,10,243.48			
	A. Residential F.A.R. Area		89,944.52		
-	B. Commercial F.A.R. Area		20,298.96		
9.	Proposed 5% Facility Area of Phase I (Includ	ing Community Centre)	4,326.22		
10.	Total Proposed NON F.A.R. Area of Phase I		60,688.48		
	A. Basement 1		19,620.64		
	B. Basement 2		27,336.15		
	C. Basement 3		8,483.88		
	D. Fire Stair Case		5,104.58		
	E. L. I Panel Room		1,528.550		
	G. U.G. Tank and STP		30.740		
	H Chabutra		520.10		
	I. Chabulta		132.00		
11	Total Built-up Area of Dhase I $(8\pm0\pm10)$		1 75 258 19		
11.	Total Proposed Dwelling Units in Dassa I		8/9		
12.	Height of the Highest Building of Dhese I		60.0 m		
ני <u>ן</u> . ת 1	I regin of the rightst Dunuing of Fliase I		00.0 111		
4. P	opuration details.		DDU		
S. No.	Description	D.U./F.A.R.	PPU	Occupancy	
1.	Residential Population		-	4,883	
	General Flats	849	5	4,245	
	Maintenance Staff	@5% of Residential Population		212	
	Visitors	@ 10% Of Residential Populatio	n	426	

8,815.39

11,483.57

@1Person/3 m²

@1 Person/6 m^2

@ 20%

@80%

@ 20%

@80%

2.

Commercial Population

a.

b. Staff

Staff

Visitors

Visitors

Lower Ground and Ground Floor

First to Fourth Floor

2,938

2,350

1914

383

1,531

588

Total Po	opulation (1 +2)			9,735
5.	Water requirement details:			
S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
А.	Domestic Water			
(a)	Residents	4,245	86	365.07
(b)	Staff	1,183	30	35.49
(d)	Visitors	4,307	15	64.60
Total Do	omestic Water Demand			465.16 KLD say 465 KLD
В.	Horticulture	$3,573 \text{ m}^2$	6 lt/sqm/day	21.43
GRANE	D TOTAL (A+B)			486.43 say 486

6. Solid waste generation details:

S. No.	Category	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:		
	Residents (4,245)	@ 0.5	2,122.5
	Total Staff (1,183)	@ 0.25	292.75
	Total Visitors (4,307)	@ 0.15	646.05
2.	Landscape waste	@ 0.2 kg/acre/day	0.176
	(0.88 acre)		
	TOTAL SOLID WASTE GENERATED		3,061.476 say
			3,061 kg/day

7. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project:-

- 1. Minimum 15% of the total plot area proposed as green area. Revised plan should be submitted along with EIA.
- 2. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
- 3. Allotment letter from concerned development authority.
- 4. All approved drawings/maps alongwith approved services plans.
- 5. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
- 6. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
- 7. Physical features within 30 m of the project sites with their ownership.
- 8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
- 9. Details of rain water harvesting are to be given.
- 10. Provision of 100% solar lighting along the road site, stair cases, common places.
- 11. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
- 12. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated

water by recycling and utilization of rainwater.

- 13. Water requirement and its management plan along with necessary permissions for discharge.
- 14. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
- 15. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
- 16. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
- 17. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
- 18. Landscape plan, green belts and open spaces may be described separately.
- 19. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
- 20. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
- 21. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
- 22. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
- 23. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
- 24. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
- 25. Identification of recyclable wastes and waste utilization arrangements may be made.
- 26. Explore possibility of generating biogas from biodegradable wastes.
- 27. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
- 28. Provisions made for safety in storage of materials, products and wastes may be described.
- 29. Disaster management plan should be prepared.
- 30. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
- 31. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
- 32. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
- 33. Provide service road for entry and exit to project site.
- 34. Use of local building materials should be described.
- 35. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
- 36. Work out MGLC for the combined capacity of DG sets.
- 37. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
- 38. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
- 39. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.

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- 40. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
- 41. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
- 42. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
- 43. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
- 44. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited

by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.

h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I, II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

9. <u>Group Housing Project "Integration Township" at Village Mangupura- Gata No</u> 731,732,729,737,739, 568, 629, 550, 551,556,543,544,534,535,537,569, 550, 512,515, 519,520,551,494,483,550, 523, 525, 589, 591, 593, 620, 621 Village Mehlakpur Mafi-Gata No-88, 92/552, Mehlakpura Mafi, District-Moradabad, U.P. File No. 4904/Proposal No. <u>SIA/UP/NCP/38186/2019</u>

A presentation was made by project proponent along with their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

 The environmental clearance is sought for Group Housing Project "Integration Township" at Village Mangupura- Gata No 731,732,729,737,739, 568, 629, 550, 551,556,543,544,534,535,537,569, 550, 512,515, 519,520,551,494,483,550, 523, 525, 589, 591, 593, 620, 621 Village Mehlakpur Mafi-Gata No-88, 92/552, Mehlakpura Mafi, District-Moradabad, U.P. M/s Chadha Infratech Ltd.

Project Name	Environmental Clearance for "Integrated Township" at village Mangupura and Mehalakpur Mafi, near					
	NH-24, Bypass More, Mora	adabad"				
Land	Plot Area		Built-up Area			
Requirement	На	m ²	931931.3 m ²			
	62.59	625909.02				
Water	Operation Phase	Estimated total water dema	nd during the operation phase will be 5295.75			
Requirement		KLD, treated water will be u	used for the landscaping, Flushing through Dual			
		Plumbing Pipelines. The fresh water demand will be met by the ground				
		water.				
STP	5000 KL STP based on MB	BR Technology				
Power	The power shall be supplied	l by Uttar Pradesh Power Cor	poration Limited, Moradabad (UPPCL). The			
Requirement	maximum demand of power	r requirement for the project is	s 40 MVA.			
	There is provision of 3 DG	sets of 400 kVA (2x125 kVA	+ 1x150 kVA) capacities for power back up.at			
	the time of power failure.					
Project Cost	Rs 369 Crores					
RWH Pits	23					
2 4 1	. 1 6.1 1					

2. Salient features of the project:

3. Area details of the project:

S.No	Description	Area in		%	Permissible	Total Built-UP
		m^2	Acres		FAR	Area
1	Residential Area	249211.7	61.58	42.89		648392.0
2	Mixed Land-use	17678.16	4.37	3.04	3.00	74248.27
3	Public & Semi Public	58152.69	14.37	10.01	1.50	122120.65
4	Commercial /Office	31132.28	7.69	5.36	2.00	87170.38
5	Green/ Open Space	87184.92	21.54	15.01		
6	Road	137683.8	34.02	23.7		
Net Area for Development		581043.6	143.57	100.0	-	931931.3
Area und	ler 30 m Green Belt	44865.41	11.09	-	-	-

Gross Area for Township		625909	232.29	-	-	-
4. Population detai	ls:					
Plot Size	Plot Area in m	No No	of Units	No. of Plot	S	Population
A. Plotted Development						
7 x12	84	2		223		2230
9 x 18	162	4		209		4180
9.5 x 18	171	4		21		420
10 x 20	200	4		354		7080
12 x 24	288	4		16		320
12.5 x 20	250	4		84		1680
15 x 30	450	5		15		375
20 x 40	800	9		42		1890
25 x 50	1250	13		3		195
Sub Total				967		18370
B. Group Housing	FAR	Uni	ts/ha	Number		Population
On 18m road	1.59	250		398		1988
Mixed Group Housing	3.42	330		1127		5635
EWS LIG Units				498		2490
Sub Total				2022		10112
Total				2989		28482
Floating Population						4272
Commercial						4175
Public Semi-Public: Interna	ational Higher S	chool; Primary S	chools			7263
Total						44193

5. Water requirement details:

S.No.	Usage Type	Measure / Unit	Water l/day)	Require	ment (in	Population/Area	Water Re	Water Requirement in KLD	
			Total	Fresh	Treated				
							Total	Fresh	Treated
1	Residential	per person	135	90	45	28482	3845.10	2563.40	1281.70
2	Floating Population	per person	15	5	10	4272	64.09	21.36	42.72
3	Commercial	10m ² /person	45	22	23	4175	187.88	91.85	96.03
4	Public Semi-	8m ² /person	45	22	23	7263	326.84	159.79	167.05
	Public:	_							
	International								
	Higher								
	School;								
	Primary								
	Schools								
5	Parks	per m ²	10	0	10	87184.92	871.85	0.00	871.85
	(Gardens,								
	Green Area)								
TOTAL	DEMAND IN K	LD					5295.75	2836.40	2459.35
TOTAL	DEMAND IN M	1LD					5.30	2.84	2.50

6. Waste water generation details:

S.No.	Usage Type	Measure /	Population /	Water Rec	luirement ir	n KLD	Wastewater in KLD		
		Unit	Area	Total	Fresh	Treated	Total	Fresh	Treated
								(80%)	(95%)
1	Residential	per person	28482	3845.10	2563.40	1281.70	3268.34	2050.72	1217.62
2	Floating	per person	4272	64.09	21.36	42.72	57.68	17.09	40.59
	Population								
3	Commercial	10m ² /person	4175	187.88	91.85	96.03	164.70	73.48	91.22
4	Public	8m ² /person	7263	326.84	159.79	167.05	286.53	127.83	158.70

	Semi-								
	Public:								
	International								
	Higher								
	School;								
	Primary								
	Schools								
5	Parks	Per m ²	87184.92	871.85	0.00	871.85	0.00	0	0.00
	(Gardens,								
	Green Area)								
TOTAL	DEMAND IN	KLD		4423.90	2836.40	1587.50	3777.24	2269.12	1508.12
TOTAL	TOTAL DEMAND IN MLD 4.42 2.84 1.59 3.78 2.27 1.51								
STP Cap	STP Capacity 5000 KL								
Operatio	on Phase: Over	all 3777.24 K	LD of waste w	ater (exclud	ing water	for green ar	ea) will be	generated	during the

operation Phase: Overall 3///.24 KLD of waste water (excluding water for green area) will be generated during the operation phase. The sewage treatment plant of 5000 KL based on MBBR technology is proposed to be constructed within the proposed project.

7	Solid was	te generation	details
1.	Sona was		uctans.

User	Population	Anticipated	Solid	Waste
	22755	1011/Day		
Residential(0.550kg/capita/day)	32755	18.02		
Commercial(0.200kg/capita/day)	4175	0.84		
Public –Semipublic (0.200kg/capita/day)	7263	1.45		
Total	44193	20.30		

8. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project:-

- 1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
- 2. Allotment letter from concerned development authority.
- 3. All approved drawings/maps alongwith approved services plans.
- 4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
- 5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
- 6. Physical features within 30 m of the project sites with their ownership.
- 7. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
- 8. Details of rain water harvesting are to be given.
- 9. Provision of 100% solar lighting along the road site, stair cases, common places.
- 10. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
- 11. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
- 12. Water requirement and its management plan along with necessary permissions for discharge.

- 13. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
- 14. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
- 15. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
- 16. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
- 17. Landscape plan, green belts and open spaces may be described separately.
- 18. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
- 19. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
- 20. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
- 21. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
- 22. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
- 23. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
- 24. Identification of recyclable wastes and waste utilization arrangements may be made.
- 25. Explore possibility of generating biogas from biodegradable wastes.
- 26. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
- 27. Provisions made for safety in storage of materials, products and wastes may be described.
- 28. Disaster management plan should be prepared.
- 29. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
- 30. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
- 31. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
- 32. Provide service road for entry and exit to project site.
- 33. Use of local building materials should be described.
- 34. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
- 35. Work out MGLC for the combined capacity of DG sets.
- 36. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
- 37. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
- 38. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
- 39. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent Page 17 of 26

CER notification No. 22-65/2017-IA.III dated 01/05/2018.A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.

- 40. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
- 41. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
- 42. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
- 43. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office

memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.

h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I, II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

10. <u>Commercial Complex ''Wave One'' at Plot No. 02A, Block-L,Sec.18,Noida, U.P. M/s Wave</u> <u>City Centre Pvt. Ltd. File No. 773/Proposal No. SIA/UP/NCP/32600/2011</u>

The committee noted that the matter was earlier discussed in 284th SEIAA meeting dated 24/05/2019 and directed is as follows:

"SEIAA noted that the validity of prior Environment clearance letter dated 13/12/2011 has expired on 12/12/2018. The project proponent applied for extension of validity on 12/02/2019. SEIAA noted that SEAC has not commented on the application received after one month of expiry of EC and that under which clause of EC notification extension of validity of expired EC has been recommended. Hence SEIAA opined that the project should be refer back to SEAC."

Any proposal is reviewed by SEAC only after the acceptance of proposal by SEIAA. This case was also taken up by SEAC only after the acceptance of proposal by SEIAA. The matter was listed in SEAC meeting dated 24/07/2019. The committee opined that, as any proposal for review at the SEAC level is accepted only when it is referred to SEAC by SEIAA for making recommendations. In the particular case, the authority itself wrongly accepted the proposal and had sent it to the SEAC for recommendations. However, SEAC withholds its recommendations for grant of EC.

11. O.A. No. 474/2019 Surendra Singh V/s MOEFCC & Others

SEAC fails to understand what action is expected from the SEAC in this particular case.

12. <u>Amendment in Notification Number S.O. 1533(E)</u>, Dated 14-09-2016 Vide amendment Dated 13-06-2019

SEAC took note of amendment dated 13/06/2019.

13. <u>Group Housing Project at Plot No.- GH-03D, Sector- 144, Noida, District- Gautam Budha</u> <u>Nagar, U.P., M/s Gulshan Homz Pvt. Ltd. File No. 4634/Proposal No. SIA/UP/NCP/</u> <u>38922/2019</u>

The committee noted that the environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 04/parya/SEAC/4634/2019 dated 08/04/2019 for plot area 23,504.5 m² & built-up area 1,47,820.93 m². The project proponent through letter dated 10/07/2019 informed that due to change in design of building the built up area was revised to 1,20,797.55 m². Hence, they applied for amendment in environmental clearance letter dated 08/04/2019.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. Details of earlier proposal and proposed amendment in E.C letter dated 08/04/2019:

Minutes of 412th SEAC Meeting Dated 24/07/2019

Sl. No.	Description	As Per EC	As per Revised Proposal	Comparative	Unit		
GENERAL							
1	Plot Area	23504.5	23504.5	0	SQMT		
2	Proposed Built Up Area	147820.93	120797.55	-27023.4	SQMT		
3	Total no of Saleable DU's	256	204	-52	No.		
4	Max Height of Building (Upto Terrace)	116.35	127.15	10.8	М		
5	Max No of Floors	2B+G+31	2B+G+34	3	No.		
6	Expected Population	1545	1857	312	No.		
7	Cost of Project	266.86	392.93	126.07	CR		
AREAS							
8	Permissible Ground Coverage Area (35%)	8226.58	8226.58	0	SQMT		
9	Proposed Ground Coverage Area	4723.56	4968.793	245.233	SQMT		
10	Permissible FAR Area	82257.52	67869.24	-14388.3	SQMT		
11	Proposed FAR Area	54349.50	67842.57	13493.07	SQMT		
WATER							
17	Total Water Requirement	133	162.36	29.36	KLD		
18	Fresh water requirement	85	106.16	21.16	KLD		
19	Treated Water Requirement	48	56.20	8.2	KLD		
20	Waste water Generation	90	112.51	22.51	KLD		
21	Proposed Capacity of STP	80	135	55	KLD		
22	Treated Water Available for Reuse	48	90	42	KLD		
23	Treated Water Recycled	48	56.20	8.2	KLD		
RAIN WA	FER HARVESTING	1					
25	Rain Water Harvesting Potential	3350.99	7830.62	4479.63	KL		
26	No of RWH of Pits Proposed	07	6	-1	No.		
PARKING	*						
27	Total Parking Required as / Building Bye Laws	1028.22	848.37	-179.85	ECS		
28	Proposed Total Parking	1033	866	-167	ECS		
GREEN AI	REA						
32	Required Green Area	9390.47	9267.85	-122.62	SOMT		
33	Proposed Green Area	9425.5	12492.733	3067.233	SOMT		
WASTE							
34	Total Solid Waste Generation	0.66	0.81	0.15	TPD		
35	Organic waste	0.41	0.50	0.09	TPD		
37	Quantity of Hazardous waste Generation	4.78	1.84	-2.94	LPD		
38	Quantity of Sludge Generated from STP	61	74	13	KG/DAY		
ENERGY							
39	Total Power Requirement	2680	2408	-272	KVA		
40	DG set backup	3220	2032	-1188	KVA		
41	No of DG Sets	04	3	-1	No.		

The project proponent requested to amend the environmental clearance dated 08/04/2019 as per above project details.

The committee discussed the matter and recommended to amend the environmental clearance letter no. 04/parya/SEAC/4634/2019 dated 08/04/2019 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 04/parya/SEAC/4634/2019 dated 08/04/2019 shall remain unchanged.

14. <u>Expansion of Tikaula Distillery from 45 KLD to 98 KLD with 3.0 MW Co-gen. Power Plant</u> at Village-Tikaula, P.O. Ramraj, District-Muzaffarnagar, U.P., M/s Tikaula Sugar Mills Ltd. File No. 4875/Proposal No. SIA/UP/IND2/37795/2019

A presentation was made by project proponent M/s Tikaula Distillery. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. The environmental clearance is sought for Expansion of Tikaula Distillery From 45 KLD to 98 KLD with 3.0 MW Co-gen. Power Plant at Village-Tikaula, P.O. Ramraj, District-Muzaffarnagar, U.P., M/s Tikaula Sugar Mills Ltd.
- Environment clearance for the earlier proposal was issued by MoEF&CC, Govt. of India vide letter no. J11011/21/2003-IA(II)I dated 5th June 2003.
- 3. The project was appraised as per MOEF Notification No. S.O.345 (E) dated 17th Jan 2019. According to this notification all expansion project of sugar manufacturing or distillery having environmental clearance for their present operation and intent to produce Ethanol for blending with petrol under the Ethanol Blended with Petrol (EBP) Programme, shall be appraised as per the procedure applicable to Category B2 project.

S. No.	Attributes	details		
1	Name of the Industry	M/s Tikaula Distillery (A Unit of Tikaula Sugar Mills Ltd)		
2	Coordinates	Latitude 29°16' 33" N, Longitude: 78°00'51" E.		
3	Products with manufacturing	Expansion of distillery from 45 KLD to 98 KLD along with 3.0 MW co-		
	capacity	gen Power Plant.		
4	Category	Category -B2, 5 (g) Distilleries, IND Project -2		
5	Total Plot Area	10.95 ha (109500 Sq. M)		
		The expansion to be done within the existing plant area. No additional land		
		required)		
6	Status of Land	Industrial land		
		allotted by Govt. of U.P. vide their notification no. 2431-S.C/XVIII-2-		
		95,81-94 Dt.25.07.1995.		
7	Green belt area	46200 sq. m (42% approx.)		
8	Project cost	75.50 Crore approx		
9	Connectivity	Nearest railway station : Muzaffarnagar, 40km		
		Nearest highway: Meerut Pauri Road Nearest Airport: IGI Airport Delhi-		
		148 km		
10.	Total Water Requirement	2095 KLD (after expansion)		
	Fresh Water	882 KLD		
		(@ 9 Liter/Liter Alcohol		
	Recycled water	1213 KLD		
11.	Source of Water	Ground water & Condensate water		
12.	Permission Status	Already available for withdrawal of 810 KLD.		
		(vide NOC (File no. 21-4/4027/UP/IND/2017-2060, NOC No.		
		CGWA/NOC/IND/ORIG/2018/4176) dated 24th Oct 2018)		
13	Raw Material	Molasses about 4080 Q/day		
14.	Man Power Requirement			
		Construction Phase : 50 Persons Operation Phase : 80 Persons		
15.	Power Requirement	2.5 MW		
16.	Source	met from proposed co-gen power plant (3.0 MW)		
17	Waste Water Discharge	Treated water (1213 KLD) shall be recycled back in the process		
18	Boilers	Proposed 01 Number boiler of capacity 30 TPH will be installed.		
19	Air pollution control device	Electrostatic Precipitator will be installed as Air Pollution Control Device.		
20	No of Stacks	Stack of adequate height 30 m will be provided to control Air emission.		

4. Salient features of the project:

21	Solid waste Generation		Fly ash generated from the boiler is being / will be utilized for brick manufacturing/ soil amendment.
		\blacktriangleright	Used Oil will be given to CPCB authorized vendors for recovery.
		À	The spent wash from molasses is being / will be sent to MEE for concentration and the concentrated spent wash is being / will be mixed with fuel and will be burnt in the incinerator boiler.
		٨	Process condensate from Multi-effect evaporation system is being / will be treated and recycled.
22	Green belt Development	A	Total plant area is 109500 sq. m. (10.95 ha) Out of the total land area available about 42% (42600 m2) of the area has been kept as a green belt. Provision for community plantation under CSR activity in
			panchayat land after consultation with Gram Panchayat .
23	Cost towards Environmental		Rs. 560 Lakhs
	(EMP Cost) Protection Measures		
24	Recurring cost towards Environmental control Measures.		Rs. 46 Lakhs/annum

- 5. Waste water shall be treated with advance treatment technology. Treated water (1213 KLD) shall be recycled back in the process.
- 6. Monitor the efficiency of the effluent treatment plant to ensure that the sewage released from the facility do not pollute the environment.
- 7. Rainwater harvesting shall be done and the water will be discharge in ground water.
- 8. The project proposal falls under category–5(g) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter in light of MoEF&CC Notification No. S.O. 345 (E) dated 17th January, 2019 and recommended grant of environmental clearance for the project proposal along with following general and specific conditions:

I. Statutory compliance:

- 1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six monthly compliance report. (in case of the presence of schedule-I species in the study area).
- 4. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- 5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- 6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

II. Air quality monitoring and preservation:

- 1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- 2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind direct ions. (case to case basis small plants: Manual; Large plants: Continuous).
- 3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugit ive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- 4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- 5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
- 6. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- 7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- 8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- 9. 45 days base line data to be collected including aquatic quantitative and qualitative terrestrial and ecosystem of river Ganga.

III. Water quality monitoring and preservation:

- 1. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
- 2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
- 3. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- 4. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- 5. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- 6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.

7. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

IV. Noise monitoring and prevention:

- 1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- 2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- 3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

v. Energy Conservation measures:

1. The energy sources for lighting purposes shall preferably be LED based.

VI. Waste management:

- 1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- 2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- 3. The company shall undertake waste minimization measures as below :
 - i. Metering and control of quantities of active ingredients to minimize waste .
 - ii. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - iii. Use of automated filling to minimize spillage.
 - iv. Use of Close Feed system into batch reactors.
 - v. Venting equipment through vapour recovery system.
 - vi. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt:

1. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

VIII. Safety, Public hearing and Human health issues:

- 1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- 3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- 4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 5. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- 6. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

IX. Corporate Environment Responsibility:

- 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- 3. A separate Environmental Cell both at the project and company head quarter lev el, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- 5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous:

- 1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- 3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- 4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- 5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- 6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- 7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- 8. The project authorities must strictly adhere to the stipulations made by the State Pollution

Control Board and the State Government.

- 9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- 10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- 11. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 13. The Ministry reserves the right to stipulate additional conditions if found necessary.
- 14. The Company in a time bound manner shall implement these conditions.
- 15. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- 16. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 17. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

15. <u>Discussion on Letter No.C-330</u>, <u>Dated 18-07-2019 of Mr. Vishnu Kumar</u>, <u>Chief Engineer</u>, <u>Department of Irrigation & Water Resource</u>, <u>Lucknow</u>.

The SEAC does not find any relevance of referring this matter to SEAC by SEIAA. The project proponent should seek opinion from legal department of Uttar Pradesh or MoEC&CC, Govt. of India in this matter.

(Dr. Sarita Sinha)	(Dr. Arvind Mathur)	(Dr. Virendra Misra)
Member	Member	Member
(Dr. Pramod Kumar Mishra)	(Dr. Richhpal Singh Sangu)	(Shri Ramesh Chand Kataria)
Member	Member	Member
(Prof. S.K. Upadhyay)	(Dr. Ajoy Kumar Mandal)	(Shri Meraj Uddin)
Member	Member	Member
(Shri Rajive Kumar) Member		(Dr. (Prof.) S. N. Singh) Chairman