State Level Expert Appraisal Committee, Uttarakhand
"Gauradevi Paryavaran Bhawan, 3rd Floor,
46-B, I.T. Park, Sahastradhara Road, Dehradun"

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Letter No: 41 /SEAC
Dated: 29, November, 2023

The First day of 16th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 28th November, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

1)	Shri Shailendra Singh Bist	Chairman
2)	Dr. Ashwani Kumar Minocha	Member
3)	Dr. AshutoshGautam	Member
4)	Dr.Basudev Prasad Purohit	Member
5)	Shri Nitish Mani Tripathi	Member Secretary

The meeting was presided by Shri S.S. Bist. The meeting proceeded as per the agenda with permission of the chair. It was noted that proposals, for the meeting, being considered for the appraisal includes Industrial, Construction, Mining (R.B.M/Soapstone)&Integrated Municipal Solid Waste Management Facility (IMSWMF) etc. The concerned recognized environment consultants of the proponents made the presentations.

Consideration/Reconsideration of Proposals For Environmental Clearance (E.C.)

Proposal – 1

Online proposal No.	SIA/UK/IND3/450365/2023
Name of the Project	Proposed manufacturing unit of Nutraceutical Health Supplements &Sports Nutrition at Khasra No- 323, Industrial Area, Selaqui, Tehsil- Vikasnagar, District- Dehradun.
Name & Address of Proponent	M/s Neutrawell Healthcare Pvt. Ltd. by Shri Devesh Balooni (General Manager)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	371 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/IND3/450365/2023on dated 27th October, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed manufacturing unit of Nutraceutical Health Supplements & Sports Nutrition. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Vinay Kumar Singh, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description			
1.	Products and quantity	**Whey Protein**			**1200MTA**
2.	Estimated Project Cost	1.50Crore			
3.	Total Plot Area	371.00m^2			
4.	Proposed Green Area	25sqm			
5.	Proposed Green Area	25sqm			
6.	Fresh Water Consumption	1.2KLD			
7.	Fresh Water Source	Uttarakhand Jal Sansthan			
8.	Power Demand	80KVA			
9.	Power back up	DG Set of 125K.V.A. x 1no			
10.	Wastewater Management	**Use of Water**	**Water requirement**	**Waste water generation**	**Mode of Disposal**
		Process	Nil	Nil	Nil
		Domestic	1.2KLD	1.0KLD	Septic tank

					and soak pit
11.	Steam and heating system	----			
12.	Fuel Consumption	HSD10ltr/hr for DG Set			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	194.00sqm
2.	Road and Paved area	85.50sqm
3.	Parking area	71.5sqm
4.	Green Area	25sqm
5.	Switchyard [OTS]	N.A.
6.	Future Expansion Area	N.A.
	Total Plot Area	371.00sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	Whey protein concentrate, Whey protein isolate, Skimmed milk powder, Maltodextrine, Sugar, Cocoa powder, Sucralose, Vitamin, Flavour& Mineral	1212MTA	Open	By Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	25nos	45	1.2	1.00
2	Flushing water	25nos	15	0.37	0.00
3	Canteen Facility	--	--	--	--
4	Housekeeping	--	--	--	--
5	Gardening	--	--	--	--

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	--	--
2	Cooling Tower make up	--	--
3	Laboratory	--	--
4	APC devices [Fume scrubber]	--	--
5	Rejects from Water Treatment	--	--
	Total	Nil	Nil

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil [Category 5.1]	0.85 MTA	Authorized TSDF

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- **Project Proponent shall dispose waste from printing process including waste ink as per hazardous waste disposal rules.**
- **Project Proponent shall not extract protein from any source in this project.**
- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.

- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from OGWB for utilization of ground water.

- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 2

Online proposal No.	SIA/UK/IND3/451584/2023
Name of the Project	Proposed expansion of Pharmaceutical Products in existing unit at Plot No- 29, Pharmacity, Selaqui, Tehsil- Vikasnagar, District-Dehradun.
Name & Address of Proponent	M/s Hema Laboratories Pvt. Ltd. by Shri Abhilash Shah (Director)
Whether New/Expansion/ Modernization Project	Expansion
Total Plot Area	4100 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/IND3/451584/2023on dated 7th November, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed expansion of Pharmaceutical Products in existing unit. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Vinay Kumar Singh, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description				
1.	Products and quantity	**Sno**	**Products**	**Existing Qty per Annum**	**Proposed Qty per Annum**	**TOTAL**
		1	Tablets	**33MTA** (5Cr./nos/month)	**50MTA**	83 MTA
		2	Liquid	**5823 KL/Annum** (50 Lac nos/month)	**3177 KLA**	9000 KLA
		3	Dry Syrup	Nil	**180 MTA**	**180 MTA**
2.	Estimated Project Cost	**35Crore+** 0.84**Crore(Expansion Part) = 35.84Crore**				
3.	Total Plot Area	4100sqm				
4.	Proposed Green Area	480sqm				
5.	Proposed Green Area	480sqm				
6.	Fresh Water Consumption	90KLD				
7.	Fresh Water Source	Borewell				
8.	Power Demand	300 KVA + **700 KVA (Proposed)** = 1000 KVA				
9.	Power back up	**DG Set**180 KVA x 01 (existing) + **1000 KVA x 1 (Proposed)**				
10.	Wastewater Management	**Use of Water**		**Water requirement**	**Waste water generation**	**Mode of Disposal**
		Process		75 KLD	15 KLD	ETP
		Domestic		15KLD	12KLD	STP

11.	Steam and heating system	Boiler of of capacity 600kg/hr (LPG) **existing.**
12.	Fuel Consumption	HSD50ltr/hr for DG Set

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1900sqm
2.	Road and Paved area	1000sqm
3.	Parking area	720sqm
4.	Green Area	480 sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	4100sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption	Source	Mode of Transport
1	Sodium Benzoate BcllpHema	5.370 MTA	Open	By Road
2	AceclofenaclpHema	0.040 MTA	Open	By Road
3	Activated Polydimethyl Siloxane 100 IpHema	1.550 MTA	Open	By Road
4	Albendazole MicronisedIpHema	0.045 MTA	Open	By Road
5	Dried Aluminium Hydroxide I.PHema	2.150 MTA	Open	By Road
6	Aluminium Hydroxide Paste 8.5 IhsHema	0.550 MTA	Open	By Road
7	Ambroxol Hydrochloride-Koreslp Hema	0.400 MTA	Open	By Road
8	Ambroxol Hydrochloride-BcllpHema	2.255 MTA	Open	By Road
9	Ammonium Chloride Resinolp Hema	0.850 MTA	Open	By Road
10	Anhydrous Mono Basic Sodium Phosphate-JbBpHema	1.400 MTA	Open	By Road
11	Anhydrous Di Basic Sodium Phosphate-JbBpHema	4.800 MTA	Open	By Road
12	Aspartame IpHema	0.255 MTA	Open	By Road
13	Azithromycin MicronisedbcllpHema	1.366 MTA	Open	By Road
14	Biotin UspHema	0.014 MTA	Open	By Road
15	Bromhexine Hydrochloride -BcllpHema	0.050 MTA	Open	By Road
16	Bronopol - Alembic BpHema	0.025 MTA	Open	By Road
17	BronopollpHema	0.040 MTA	Open	By Road
18	BronopolJ.BlpHema	0.075 MTA	Open	By Road
19	Butylated Hydroxyanisole BhaBpHema	0.001 MTA	Open	By Road
20	Calcium Carbonate IpHema	0.003 MTA	Open	By Road
21	Calcium GluconatelpHema	35.025 MTA	Open	By Road
22	Caramel Colour-Alvin Type –Iii IhsHema	0.090 MTA	Open	By Road
23	Caramel Color Type-Iii Alembic IhsHema	4.810 MTA	Open	By Road
24	Carbomer 974 P IpHema	0.004 MTA	Open	By Road
25	Cardamom Oil BpHema	0.120 MTA	Open	By Road
26	Castor Oil IpHema	0.030KLA	Open	By Road
27	CefiximeTrihydrate - Compacted IpHema	11.515 MTA	Open	By Road
28	CefpodoximeProxetil- MicronisedIpHema	0.081 MTA	Open	By Road
29	CefpodoximeProxetil -Plain IpHema	1.820 MTA	Open	By Road
30	CefpodoximeProxetil -Plain. IpHema	0.200 MTA	Open	By Road
31	Cefuroxime Axetil -Amorphous IpHema	3.935 MTA	Open	By Road
32	Chelated Cobalt IhsHema	0.025 MTA	Open	By Road
33	Chlorpheniramine Maleate-BcllpHema	0.225 MTA	Open	By Road
34	Chloroform IpHema	0.140KLA	Open	By Road
35	Chloroform Spirit 3003 IpHema	0.005KLA	Open	By Road
36	Chloroform- Alembic IpHema	0.854 MTA	Open	By Road
37	Chloroform J.BlpHema	0.866 MTA	Open	By Road
38	Cholecalciferol Concentrate StabilisedVit.D3IpHema	4,245.000 MTA	Open	By Road
39	Citric Acid Monohydrate IpHema	9.400 MTA	Open	By Road
40	Citric Acid Anhydrous IpHema	0.350 MTA	Open	By Road
41	Citric Acid Monohydrate BcllpHema	6.300 MTA	Open	By Road
42	Citric Acid Monohydrate - Alembic IpHema	0.700 MTA	Open	By Road
43	Citric Acid-LIIp Pre	0.100 MTA	Open	By Road
44	Cobalt Chloride IhsHema	0.100 MTA	Open	By Road

45	Colloidal Silicon Dioxide BcllpHema	5.620 MTA	Open	By Road
46	Colloidal Silicon DioxideleuchtstofflpHema	2.700 MTA	Open	By Road
47	Colour Brilliant Blue Supra IhsHema	9.000 MTA	Open	By Road
48	Colour Carmoisine Supra IhsHema	6.500 MTA	Open	By Road
49	Colour Erythrosine IhsHema	1.000 MTA	Open	By Road
50	Colour Indigo Carmine Supra IhsHema	0.500 MTA	Open	By Road
51	Colour Quinoline Yellow Lake IhsHema	5.000 MTA	Open	By Road
52	Colour Quinoline Yellow Supra IhsHema	132.000 MTA	Open	By Road
53	Colour Red Oxide Of Iron IhsHema	12.000 MTA	Open	By Road
54	Colour Sunset Yellow Supra IhsHema	340.000 MTA	Open	By Road
55	Colour Tartrazine Supra IhsHema	20.000 MTA	Open	By Road
56	Colour Yellow Oxide Of Iron IhsHema	7.000 MTA	Open	By Road
57	Colour Tartrazine -C.I.19140 Asian IhsHema	20.000 MTA	Open	By Road
58	Copper SulphatePentahydrateBpHema	7.800 MTA	Open	By Road
59	Cross Carmelose Sodium IpHema	1.000 MTA	Open	By Road
60	Cyproheptadine Hydrochloride VasudhaPharmaIpHema	0.045 MTA	Open	By Road
61	Dextromethorphan HydrobromidelpHema	1.725 MTA	Open	By Road
62	Dicyclomine Hydrochloride-BcllpHema	0.350 MTA	Open	By Road
63	Diethyl Phthalate IpHema	0.115 MTA	Open	By Road
64	Diphenhydramine Hydrochloride IpHema	0.125 MTA	Open	By Road
65	Disodium EdetatelpHema	0.050 MTA	Open	By Road
66	Disodium Edta-Lllp Pre	0.025 MTA	Open	By Road
67	Essence Mixed Fruit Id-21051 PhlhsHema	0.130KLA	Open	By Road
68	Essence Orange FlavoursAsvlhsHema	1.450KLA	Open	By Road
69	Essence Sweet Orange S-618 IhsHema	0.320KLA	Open	By Road
70	Essence Sweet Orange No.1IhsHema	0.260KLA	Open	By Road
71	Essence Pineapple No.1IhsHema	0.075KLA	Open	By Road
72	Essence Mixed Fruit 2701 I IhsHema	0.100KLA	Open	By Road
73	Essence Banana -Azi-F.I. IhsHema	0.180KLA	Open	By Road
74	Essence Peppermint Troomint -Azi-F.I. IhsHema	0.036KLA	Open	By Road
75	Essence Honey PhlhsHema	0.350KLA	Open	By Road
76	Essence Pippermint Oil Extra Fine-FlavoromalhsHema	0.080KLA	Open	By Road
77	Essence LiquoriceAsvlhsHema	0.310KLA	Open	By Road
78	Essence Cherry 23016 -BcllhsHema	0.080KLA	Open	By Road
79	Essence Mango Ripe -21200 IhsHema	0.350KLA	Open	By Road
80	Essence Mango Rsv-BbalhsHema	4.675KLA	Open	By Road
81	Essence Vino Ac - 7111 IhsHema	0.600KLA	Open	By Road
82	Essence Pineapple -Singapore IhsHema	2.200KLA	Open	By Road
83	Essence American Ice Cream -IfflhsHema	0.005KLA	Open	By Road
84	Essence Strawberry 54011 BcllhsHema	0.100KLA	Open	By Road
85	Essence Peppermint -Ab 5731-JblhsHema	0.950KLA	Open	By Road
86	Essence Pineapple Int 1232 IhsHema	0.010KLA	Open	By Road
87	Essence Raspberry Sweet Vital IhsHema	0.030KLA	Open	By Road
88	Essence Nutmeg-N Vital IhsHema	0.010KLA	Open	By Road
89	Essence Anise Oil IhsHema	0.080KLA	Open	By Road
90	Essence RoohAb-18388 IhsHema	0.010KLA	Open	By Road
91	Essence Mango S 3206 Iff-Llhs Pre	0.020KLA	Open	By Road
92	Essence Chocolate 2906-Asian. IhsHema	11.300 MTA	Open	By Road
93	Essence Basil 050021 106tlhsHema	1.620KLA	Open	By Road
94	Essence Honey 050021 22clhsHema	1.850KLA	Open	By Road
95	Essence Mixed Fruit 050021 23clhsHema	2.050KLA	Open	By Road
96	Essence Licorice 050021 69tlhsHema	1.100KLA	Open	By Road
97	Essence LiquoriceAsv - F IhsHema	0.050KLA	Open	By Road
98	Essence Tangy Orange IhsHema	0.310KLA	Open	By Road
99	Ferric Ammonium Citrate -ShreenathlpHema	28.025 MTA	Open	By Road
100	Flavour Mango Flv-2217 IhsHema	0.040 MTA	Open	By Road
101	Flavour Pineapple Special IhsHema	0.055 MTA	Open	By Road
102	Flavour Sweet Orange 1610 IhsHema	0.030 MTA	Open	By Road
103	Flavor Vanilla Vital-GulfadryllhsHema	0.015KLA	Open	By Road
104	Flavour Banana IhsHema	0.110 MTA	Open	By Road
105	Flavaseal Orange Flv 2100 IhsHema	0.100 MTA	Open	By Road

106	Folic Acid -SharkoferrolpHema	0.230 MTA	Open	By Road
107	Glycerin BcllpHema	406.500 MTA	Open	By Road
108	Glycerin -JblpHema	46.000 MTA	Open	By Road
109	Glycerin-Lllp Pre	4.750 MTA	Open	By Road
110	GuaiphenesinBcllpHema	6.200 MTA	Open	By Road
111	GuaiphenesinlpHema	3.650 MTA	Open	By Road
112	Hydroxy Propyl Methyl Cellulose E15 615 IpHema	0.960 MTA	Open	By Road
113	Hydrogenated Castor Oil IpHema	0.100 MTA	Open	By Road
114	Indion 204 IhsHema	9.980 MTA	Open	By Road
115	Indion 234 IhsHema	1.210 MTA	Open	By Road
116	Isopropyl Alcohol IpHema	6.560 MTA	Open	By Road
117	Polyoxyl 40 Hydrogenated Castor Oil Alembic UspHema	0.240 MTA	Open	By Road
118	Lactic Acid IpHema	0.840KLA	Open	By Road
119	LevocloperastineFendizoate-Llhs Pre	0.290 MTA	Open	By Road
120	LevosalbutamolSulphatelpHema	0.001 MTA	Open	By Road
121	Light Liquid Paraffin IpHema	0.009KLA	Open	By Road
122	Liquid Glucose UspHema	5.100 MTA	Open	By Road
123	Liquid Paraffin Heavy IpHema	0.005KLA	Open	By Road
124	MagaldratelpHema	11.000 MTA	Open	By Road
125	MagaldrateMicronisedJ.BlpHema	42.500 MTA	Open	By Road
126	Magnesium Stearate IpHema	0.200 MTA	Open	By Road
127	Magnasweet188m Potassium GlycerizinatelhsHema	0.100 MTA	Open	By Road
128	Magnesium Hydroxide Paste IhsHema	0.160 MTA	Open	By Road
129	Magnesium Hydroxide IpHema	2.140 MTA	Open	By Road
130	Magnesium Oxide Light IpHema	0.300 MTA	Open	By Road
131	Malt Extract IpHema	300.000 MTA	Open	By Road
132	Malt Extract-The Malt Company IpHema	99.000 MTA	Open	By Road
133	Mefenamic Acid IpHema	19.300 MTA	Open	By Road
134	Menthol BcllpHema	0.600 MTA	Open	By Road
135	Methyl ParabenlpHema	0.015 MTA	Open	By Road
136	Methylene Chloride IhsHema	12.680 MTA	Open	By Road
137	Methyl ParabenBcllpHema	3.920 MTA	Open	By Road
138	Methyl Paraben-- JblpHema	0.500 MTA	Open	By Road
139	Methyl Paraban-Lllp Pre	0.125 MTA	Open	By Road
140	Metronidazole Benzoate IpHema	19.100 MTA	Open	By Road
141	Microcrystalline Cellulose P/102 IpHema	6.700 MTA	Open	By Road
142	Microcrystalline Cellulose 102-Dc Grade IpHema	0.400 MTA	Open	By Road
143	Microcrystalline Cellulose 102 Gujarat MicrowaxlpHema	1.815 MTA	Open	By Road
144	Neo Sucralose IhsHema	0.025 MTA	Open	By Road
145	Niacinamide- Alembic IpHema	5.365 MTA	Open	By Road
146	OfloxacinlpHema	5.500 MTA	Open	By Road
147	Ofloxacin -CephalpHema	2.400 MTA	Open	By Road
148	OndansetronHcl. 2h2o- I.PBcllpHema	0.023 MTA	Open	By Road
149	OxetacaineBpHema	0.005 MTA	Open	By Road
150	ParacetamolBcllpHema	0.400 MTA	Open	By Road
151	ParacetamolMicronised -BcllpHema	28.500 MTA	Open	By Road
152	Sucrose Pharma Grade IpHema	75.000 MTA	Open	By Road
153	Phenylephrine Hydrochloride BcllpHema	0.650 MTA	Open	By Road
154	Polyethylene Glycol 6000 IpHema	0.055 MTA	Open	By Road
155	Polyvinylpyrrolidone K 30 IpHema	0.025 MTA	Open	By Road
156	Polyethylene Glycol 4000 IpHema	0.025 MTA	Open	By Road
157	Polysorbate 60 UspHema	0.050 MTA	Open	By Road
158	Poly Sorbate 80 IpHema	7.400 MTA	Open	By Road
159	Polyoxyl 40 Hydrogenated Castor Oil UspHema	1.500 MTA	Open	By Road
160	Polyethelene Glycol 3350-AvestaUspHema	15.650 MTA	Open	By Road
161	Polysorbate 80 Tween 80 J.BlpHema	0.600 MTA	Open	By Road
162	Potassium Chloride - Alembic IpHema	0.050 MTA	Open	By Road
163	Potassium Citrate -Alembic IpHema	0.250 MTA	Open	By Road

164	Potassium Citrate J.BIpHema	1.625 MTA	Open	By Road
165	Potassium Citrate Monohydrate IpHema	1.000 MTA	Open	By Road
166	Propylene Glycol --BcllpHema	149.855 MTA	Open	By Road
167	Propyl ParabenBcllpHema	0.405 MTA	Open	By Road
168	Propyl Paraben-JblpHema	0.100 MTA	Open	By Road
169	Propyl Paraban Alembic IpHema	0.025 MTA	Open	By Road
170	Propyl Paraban-Lllp Pre	0.025 MTA	Open	By Road
171	Ranitidine Hydrochloride- JblpHema	5.135 MTA	Open	By Road
172	Ready Coat- Strawberry Flv. IhsHema	0.005 MTA	Open	By Road
173	Ready Coat- Banana Flv. IhsHema	0.160 MTA	Open	By Road
174	Sucrose IpHema	270.000 MTA	Open	By Road
175	Saccharin Sodium BcllpHema	2.725 MTA	Open	By Road
176	Saccharin Sodium - Alembic BpHema	0.200 MTA	Open	By Road
177	Simethicone Emulsion 30 W/W UspHema	0.900 MTA	Open	By Road
178	Simethicone Emulsion 30 W/W BclUspHema	9.550 MTA	Open	By Road
179	Simethicone100w/V - UlgellpHema	0.830 MTA	Open	By Road
180	Sodium Lauryl SulphatelpHema	0.100 MTA	Open	By Road
181	Sodium Starch GlycollatelpHema	0.200 MTA	Open	By Road
182	Sodium Benzoate IpHema	2.725 MTA	Open	By Road
183	Sodium Carboxy Methyl Cellulose HvplpHema	1.495 MTA	Open	By Road
184	Sodium Bicarbonate IpHema	5.700 MTA	Open	By Road
185	Sodium Hydroxide-For Water System IpHema	0.300 MTA	Open	By Road
186	Sodium Alginate Bp/IpHema	0.010 MTA	Open	By Road
187	Sodium Citrate BcllpHema	5.375 MTA	Open	By Road
188	Sodium Lauryl SulphateBcllpHema	0.610 MTA	Open	By Road
189	Sodium Propyl Paraben- BcllpHema	0.080 MTA	Open	By Road
190	Sodium Methyl Hydroxy Benzoate Alembic IpHema	2.010 MTA	Open	By Road
191	Sodium PropyllHydroxy Benzoate Alembic IpHema	0.900 MTA	Open	By Road
192	Sodium Bicarbonate - Alembic IpHema	0.150 MTA	Open	By Road
193	Sodium Chloride- Alembic IpHema	1.800 MTA	Open	By Road
194	Sodium Carbonate Anhydrous IpHema	4.550 MTA	Open	By Road
195	Sodium Hydroxide Alembic IpHema	14.725 MTA	Open	By Road
196	Sodium Carboxy Methyl Cellulose-Lllp Pre	0.200 MTA	Open	By Road
197	Sodium Citrate-Lllp Pre	0.025 MTA	Open	By Road
198	Saccharin Sodium -Lllp Pre	0.075 MTA	Open	By Road
199	Sodium Hypochlorite IhsHema	0.015KLA	Open	By Road
200	Saccharin Sodium IpHema	0.800 MTA	Open	By Road
201	Sorbic Acid IpHema	0.075 MTA	Open	By Road
202	Sorbitol Solution 70 N.C Alembic IpHema	15.600 MTA	Open	By Road
203	Sorbitol Solution 70 N.C Maize Starch/GulshanIpHema	505.200 MTA	Open	By Road
204	Sorbitol Solution -Lllp Pre	4.500 MTA	Open	By Road
205	CholecalciferolStabilisedVit.D3-500000iu/GmlhsHema	40.000 MTA	Open	By Road
206	Sucralose BcllpHema	3.910 MTA	Open	By Road
207	Sucralose- JblpHema	0.400 MTA	Open	By Road
208	Sucralose Alembic IpHema	0.025 MTA	Open	By Road
209	Sucrose-Lllp Pre	19.000 MTA	Open	By Road
210	Sucrose- S 31 IpHema	2,172.000 MTA	Open	By Road
211	Talcum IpHema	1.150 MTA	Open	By Road
212	TerbutalineSulphate- BcllpHema	0.216 MTA	Open	By Road
213	Titanium Dioxide IpHema	0.075 MTA	Open	By Road
214	Tricholine Citrate 65 IhsHema	8.000 MTA	Open	By Road
215	Triclofos Sodium IpHema	0.013 MTA	Open	By Road
216	Sodium Citrate IpHema	1.000 MTA	Open	By Road
217	Cyanocobalamin-Ningxia Kingvit/HebeiHuarong. IpHema	4.000 MTA	Open	By Road
218	Xanthan Gum IpHema	1.950 MTA	Open	By Road
219	Xanthan Gum BclUspHema	1.805 MTA	Open	By Road

220	Xanthan Gum- JbUsnf/IhsHema	0.940 MTA	Open	By Road
221	Xanthural 75 Usnf/IhsHema	2.300 MTA	Open	By Road
222	Xanthan Gum - UlgelUspHema	0.700 MTA	Open	By Road
223	Xanthan Gum-Llp Pre	0.150 MTA	Open	By Road
224	Xanthan Gum NfUspHema	1.350 MTA	Open	By Road
225	Zinc GluconateBclUspHema	0.002 MTA	Open	By Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	425	L.S.	15	12
2	Flushing water (Recycled Water)	200	L.S.	10.25	---
3	Canteen Facility	---	---	---	---
4	Housekeeping (Recycled Water)	L.S.	L.S.	1	0.00
5	Gardening (Recycled Water)	480sqm	6.25ltr/sqm	3	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	30	----------
2	Cooling Tower make up	5	----------
3	Laboratory	25	1
4	APC devices [Fume scrubber]	----------	----------
5	Rejects from Water Treatment	15	14
	Total	**75KLD**	**15KLD**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil – 5.1	0.50 MTA	Authorized TSDF
2	Process Residue & Waste – 28.2	0.25 MTA	Authorized TSDF
3	Off Specification Product – 28.2	0.60 MTA	Authorized TSDF
4	Date-expired, discarded and off specification drugs/ medicines – 28.3	1.00 MTA	Authorized TSDF
5	Discarded containers / barrels / liners used for hazardous wastes / chemicals – 33.3	1.00 MTA	Authorized TSDF
6	Chemical sludge from waste water treatment – 34.3	1.60 MTA	Authorized TSDF

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- **Project Proponent shall installed STP & ETP separately.**
- **Project Proponent shall provide a certified six monthly compliance report of previous unit from regional office of MoEF&CC within one month.**
- **Project Proponent may install additional one DG set of 500 KVA capacity.**
- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.

- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 3

Online proposal No.	SIA/UK/INFRA2/449772/2023
Name of the Project	Proposed manufacturing of Pharmaceutical Formulationat Plot No. H-7& H-8, IIE SIIDCUL, Selaqui, Tehsil- Vikasnagar, District-Dehradun.
Name & Address of Proponent	M/s VerveHuman Care Laboratories (A unit of Venor Pharma Limited) by Shri Viswas Verma (Director)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	2090.88 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/449772/2023on dated 30th October, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed manufacturing of Pharmaceutical Formulation. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Dr. Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description		
1.	Products and quantity	**S.No.**	**Products**	**Lacs/Annum (No./ltr.)**
		1	Tablets	4300
		2	Injectables	400
		3	Liquid Syrups	5000
2.	Estimated Project Cost	15.24 Crores		
3.	Total Plot Area	2090.88Sq.m		
4.	Existing Green Area			
5.	Proposed Green Area	690Sq.m		
6.	Fresh Water Consumption	15.0 KLD		
7.	Fresh Water Source	Borewell		
8.	Power Demand	500 KVA		
9.	Power back up	625 KVA		
10.	Wastewater Management	Proposed ETP cum STP (Capacity – 10.0 KLD)		
11.	Steam and heating system	Boilers (600 Kg/Hr.)		
12.	Fuel Consumption	Boiler- LPG (2.0 Kg/Hr.) DG Set - HSD (30.0 Litr/Hr.)		

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	951.99 Sq. m
2.	Green Area	690.00 Sq. m
3.	Open Area	448.89 Sq. m
	Total Plot Area	**2090.88 Sq. m**

Raw material details:

S.No	Major Raw Material	Avg. consumption MTper Annum	Source	Mode of Transport
1.	Active Ing.& Excipients	100 MT		Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	100 Nos.		2.00	1.50
2	Flushing water	100 Nos.		1.00	1.00
3	Gardening	690 Sq. m		2.00	0.00
	Total			**5.00**	**2.50**

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process	6.00	1.50
2	Boiler	5.00	2.50
3	Cooling Tower	6.00	2.50
	Total	**17.00**	**6.50**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Spent Oil	280(KG /Annum)	Authorized Recycler
2	Contaminated Barrels	250(Nos./Year)	Authorized Recycler
3	ETP Sludge	20 (KG/month)	Sent To TSDF
4	Process Residue	25(KG / Month)	Sent To TSDF
5	Expired Medicines	15(KG / Month)	Sent To TSDF

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- **Project Proponent shall installed STP & ETP separately.**
- **SEAC suggested to Project Proponent the expenditure of 3.0 lakh under CER activity by modernizing Chemistry Lab of nearby Govt. Inter College.**
- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction

spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water

- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance

Proposal – 4

Online proposal No.	SIA/UK/INFRA2/450550/2023
Name of the Project	Proposed manufacturing unit of Feed Supplements at Khasra No. 122/48 Min, Central Hope Town,Selaqui, Tehsil- Vikasnagar, District- Dehradun.
Name & Address of Proponent	M/s Saife Vetmed Pvt. Ltd. (Unit- 2)by Shri Bhupendra Singh (Director)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	1504.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/450550/2023on dated 28th October, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed manufacturing unit of Feed Supplements. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Dr. Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	S. No. / Products / Quantity Per Annum 1. / VETERINARY FEED SUPPLEMENTS (POWDER) / 2170 Tons 2. / FLY END / 60000 Pcs 3. / VETERINARY FEED SUPPLEMENTS (ORAL LIQUID) / 100000 Ltr.
2.	Estimated Project Cost	10.0Crores.
3.	Total Plot Area	1504.00Sq.m
4.	Existing Green Area	-
5.	Proposed Green Area	496.32Sq.m
6.	Fresh Water Consumption	6.0 KLD
7.	Fresh Water Source	Ground Water
8.	Power Demand	100KVA
9.	Wastewater Management	Effluent: 2.5 KLD Sewage: Septic Tank/Soak Pit
10.	Steam and heating system	-
11.	Fuel Consumption	HSD – 10 Lit/Hr.

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	734.00 Sq. m
2.	Road and Paved area	
3.	Green Area	
4.	Open Area	
	Total Plot Area	**1504.00Sq.m**

Raw material details:

S.No	Major Raw Material	Avg. consumption Tonsper Annum	Source	Mode ofTransport
2.	Majuphal (QuercusInfectoria)	15	Open Market	Road
3.	Dalchini (CinnamomumZeylanicum)	16	Open Market	Road
4.	Haldi (Curcuma Longa)	15	Open Market	Road
5.	Ajwain	15	Open Market	Road

	(TrachyspermumAmmi)			
6.	Harda (TerminliaChebula)	30	Open Market	Road
7.	Thymus Vulgaris	15	Open Market	Road
8.	Aviator Scp Powder	10	Open Market	Road
9.	Lehsun (AliumSativum)	30	Open Market	Road
10.	Choline Chloride Powder	5	Open Market	Road
11.	Vitamin B6	0.5	Open Market	Road
12.	Vitamin B12	0.5	Open Market	Road
13.	Inositol	0.5	Open Market	Road
14.	Alpha Lipic	1	Open Market	Road
15.	D.Biotin	0.5	Open Market	Road
16.	Protein Hydrolysate	1	Open Market	Road
17.	Glue	20	Open Market	Road
18.	A Max Scp	2	Open Market	Road
19.	Wheat Bran	10	Open Market	Road
20.	Rice Ddgs	8	Open Market	Road
21.	Neem Oil	5	Open Market	Road
22.	Calcium Carbonate	5	Open Market	Road
23.	Corn Corb Powder	5	Open Market	Road
24.	Certillus Eco Concertrate	2	Open Market	Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	50 Nos.	20	1.00	0.70
2	Flushing water	50 Nos.	10	0.50	0.50
3	Gardening			3.00	0.00
	Total			**4.50**	**1.20**

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process	0.5	0.5
2	Misc.	3.0	2.0
	Total	**3.5**	**2.50**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	MSW	10 Kg/Day	As per UKPCB Norms

Hazardous waste details:

S. No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Spent Oil	100 (KG /Annum)	Authorized Recyclers
2	Contaminated Barrels	10 (Nos./Year)	Authorized Recyclers

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- **SEAC suggested to Project Proponent the expenditure of 3.0 lakh under CER activity by modernizing Biology Lab of nearby Govt. Inter College.**
- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.

- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.

- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance

Proposal – 5

Online proposal No.	SIA/UK/INFRA2/450614/2023
Name of the Project	Proposed expansion of Pharmaceutical Formulation in existing unit at Plot No. C-1Sara Industrial Area, Chota Rampur, Selaqui, Tehsil-Vikasnagar, District- Dehradun.
Name & Address of Proponent	M/s Troikaa Pharmaceuticals Limited by Shri Achyut D Patel (Executive Director)
Whether New/Expansion/ Modernization Project	Expansion
Total Plot Area	7392.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/450614/2023on dated 30th October, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed expansion of Pharmaceutical Formulation in existing unit. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Dr. Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description				
1.	Products and quantity	S. No.	Products	Capacity (LacsNos./Month)		
				Existing	Proposed	Total
		1	Capsule	50	25	75
		2	Injections (Ampoules)	50	--	50
		3	Tablet	400	200	600
		4	Vials	15	--	15
2.	Estimated Project Cost	35.24 Crores				
3.	Total Plot Area	7392.00Sq.m				
4.	Existing Green Area	6424.80 Sq. m				
5.	Proposed Green Area	--				
6.	Fresh Water Consumption	100.0 KLD				
7.	Fresh Water Source	Existing Bore well				
8.	Power Demand	Existing: 1300 KVA. Proposed: 500 KVA Total: 1800 KVA				
9.	Power back up	Existing: 1010KVA & 30KVA (one each). Proposed: 1010KVA x 02 Nos. & 125KVA x 01 No. Total: 1010 KVA (03 Nos.), 125 KVA (01No.) & 30 KVA (01 No.)				
10.	Wastewater Management	Effluent: Existing ETP (Capacity – 25.0 KLD) Sewage: Existing STP (Capacity – 30.0 KLD)				
11.	Steam and heating system	ExistingBoilers: 600Kg/Hr. (01 No.) & 850Kg/Hr. (01 No.) ProposedBoiler: 850 Kg/Hr. (01 No.) TotalBoilers: 600Kg/Hr. (01 No.) & 850Kg/Hr. (02 Nos.).				
12.	Fuel Consumption	DG Sets Fuel Consumption (HSD):				

		Existing: 279 Litre/Hr. Proposed: 572 Litre/Hr. Total: 851 Litre/Day. Boiler Fuel Consumption (Propane/LPG): Existing: 520 Kg/Hr. Proposed: 260 Kg/Hr. Total: 780 Kg/Hr.

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	3697.74**Sq. m**
2.	Road and Paved area	
3.	Green Area	
4.	Open Area	
	Total Plot Area	**7392.00Sq.m**

Raw material details:

S.No	Major Raw Material	Avg. consumption MTper Annum	Source	Mode of Transport
1.	ACTIVE INGREDIANT	96.24		Road
2.	EXCIPENT	24		Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	488 Nos.		14	10
2	Flushing water	488 Nos.		6	6
3	Gardening			27	0
	Total			**47**	**16**

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process	30	10
2	Boiler	30	6
3	Cooling Tower	20	4
4	Misc.	5	5
	Total	**85**	**25**

Solid waste details:

S. No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	MSW (Domestic)	32 MTPA	UKPCB Norms

Hazardous waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used/Spent Oil	2 MTPA	UKPCB Authorized Vendor
2	Spent Solvent	5 MTPA	UKPCB Authorized Vendor
3	Off Specification Products	12 MTPA	UKPCB Authorized Vendor
4	Process Residue & Wastes	11 MTPA	UKPCB Authorized Vendor
5	Date Expired Products	11 MTPA	UKPCB Authorized Vendor
6	ETP Sludge	7 MTPA	UKPCB Authorized Vendor
7	Discarded Barrels	2500 Nos./Annum	UKPCB Authorized Vendor

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- **Project Proponent shall installed STP & ETP separately.**
- **Project Proponent shall provide a certified six monthly compliance report of previous unit from regional office of MoEF&CC within one month.**
- **SEAC suggested to Project Proponent the expenditure of Rs 5.0 lakh under CER activity by modernizing Chemistry Lab in Govt. Degree College of Suddhowala area.**

- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to

complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.

- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance

Proposal – 6

Online proposal No.	SIA/UK/MIS/282949/2022
Name of the Project	Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set at Khasra No.162Kha, 163Kha, 164, 167, 168Da, 169Kha, 165, 166Ka, 135Ka, 136Ka Mi, 137, 138Ka Village-Karimpur, Tehsil- Vikasnagar, District- Dehradun
Name & Address of Proponent	M/s Shri Balaji Stone Aggregates by Shri Jagdeep Sandhu (Partner)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	1.5152 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/MIS/282949/2022 on dated 12th July, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Dr. Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	RBM 200 TPH
2.	Estimated Project Cost	1.00Cr.
3.	Total Plot Area	15152 Sq. m
4.	Proposed Green Area	
5.	Proposed Green Area	5000 Sq. m
6.	Fresh Water Consumption	7.74KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	400 KVA
9.	Power back up	500 KVA
10.	Wastewater Management	Sewage – 0.20 KLD (Disposed through Septic Tank/Soak Pit).
11.	Steam and heating system	Nil
12.	Fuel Consumption	100 LPH(DG set)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	56.24 Sq. m.
2.	Road and Paved area	139.44 Sq. m.
3.	Parking area	7279.85 Sq. m.
4.	Green Area	5000.00 Sq. m.
5.	Other	2676.47 Sq. m.
	Total Plot Area	15152 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per day	Source	Mode of Transport
1.	RBM	2000 TPD	Open Market	Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate (LPCD)	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses	8	20	0.16	0.12
2	Flushing water	8	10	0.08	0.08
3	Greenbelt	5000 Sq. m		2.00	0.00
	Total			2.24	0.20

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Stone Crusher(Washing& Sprinkling)	90.0	
	Total	90.0	

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	10 Nos./Annum	Authorized recycler
2	Used Oil [Category 5.1]	0.1 MTPA	Authorized recycler

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The Project proponent has informed in his presentation that the actual distance of the project site from the bank of non-perennial river is 200 meters & no other perennial river falls within 500 meters of the said project.
- Govt. of Uttarakhand has issued G.O. in favour of this project vide its letter No- 1457 dated- 06.11.2023 which is valid for 10 years, the present E.C. will remain co-terminus with the duration of the Govt. G.O. In future if extension/renewal is provided by the Govt. then the current E.C. will be co-terminus with the extended/renewed G.O.
- Project Proponent shall submit document pertaining to land usechange along with the six monthly compliance report.
- SEAC suggested to Project Proponent the expenditure of Rs 2.0 lakh per annum in occupational health & safety under CER activity.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- The Project proponent has assured that he will use new and most advanced machineries, which are efficient to minimize air and noise pollution.
- The Project proponent has assured that they will ensure 3 layered plantation on the periphery of the premises.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- The unit should properly provide covered processing area for control of fugitive emission.
- The unit should provide ducting and scrubbing system in cover shed to arrest dust as per State Policy, 2021.
- The unit should provide pucca drain for wastewater conveyance to settling tank.
- The unit shall provide proper overflow system in settling tank.
- The unit should provide proper water sprinklers with sufficient pressure as per State Policy, 2021.

- The unit should install interlock system for air pollution control device and process.
- The unit should expedite to construct brick wall of sufficient height. The unit should provide adequate green belt as per State Policy 2021. Till the adequate growth of plants, the unit may provide other alterative arrangement for fugitive emission control.
- The unit should provide complete metaled road as per State Policy, 2021.
- The unit should maintain proper log book of fresh water consumption.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit fortnightly reports pertaining to ambient air quality, and quarterly report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it. The reports pertaining to ambient air quality shall be submitted before 10th day of every month and the reports pertaining to ground water quality and noise shall be submitted before 10th day of every fourth month to SEIAA.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rainwater harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- Barricading (boundary) of at least 20 feet height around the project site shall be constructed by the project proponent.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- All the vehicles being used for transportation from the Stone Crusher Plant should have a valid pollution under control certificate.
- The Project proponent shall submit dust emission dispersion modeling to SEIAA on yearly basis from Government recognized institution/NABET approved consultant.
- The project proponent shall ensure maintenance of the approach road.
- The project proponent is allowed to run the plant only during day time. The plant running hour shall not be more than 10 hours in a day.
- The Project Proponent shall obtain CTE/CTO from UKPCB prior to operation of the plant.
- The Project Proponent shall follow guidelines issued for Stone Crusher by MoEF&CC, CPCB and UKPCB as amended from time to time.
- The Project Proponent shall follow directions/orders issued by Hon'ble High Court/NGT/ Supreme Court with respect to establishment of Stone Crusher Plant or on issues pertaining to pollution by Stone Crusher Plant.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

Consideration/Reconsideration of Proposals For Terms of Reference (ToR)

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/449102/2023
Name of the Project	Proposed construction of Affordable Housing Projectunder Pradhan Mantri Awas Yojana, Urban**(Under Violation)**at Khasra No-611Village- Mauhakhedaganj, Tehsil- Kashipur, Dist- Udham Singh Nagar.
Name & Address of Proponent	M/s Aliya Enterprises by Shri Asif Hussain (Director)
Whether New/Expansion Project	New
Total Plot Area	20184.82 m^2
Total Built up Area	27797.74 m^2
Project Category	"B1"& 8(a) as enlisted in project /activity as per EIA Notification, 2006

The project wassubmitted vide proposal no SIA/UK/INFRA2/449102/2023on dated 12thMay, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed construction of Affordable Housing Projectunder Pradhan Mantri Awas Yojana, Urban**(Under Violation)**. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan & EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Dr. Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports.

The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by starting construction work.

The SEAC has raised following observations-

- SEAC asked the Project Proponent for submitting actual amount of money incurred so far by the project to estimate the penalty. Since the project proponent has suo-moto reported the violation hence, the penalty applicable is 0.5% of the project cost incurred till date. This non-refundable amount is to be deposited in the account of State Pollution Control Board.
- The Project Proponent isexpected to submit the total budgetary allocation pertaining to remediation plan and natural and community resource augmentation plan. The Project Proponent shall submit a bank guarantee equivalent to the above amount with the State Pollution Control Board. This bank guarantee is refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan and natural and community resource augmentation plan.
- The Project Proponent shall complete the impact assessment studies and submit Environmental Impact Assessment (EIA) report and Environmental Management Plan (EMP) in a time bound manner. Till this happens further operations/construction activities on the site shall be closed.

Hence, committee agreed to recommend **ToR (Annexure-2)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

Consideration/Reconsideration of Proposals For Terms of Reference (ToR)Clearance (Extension/Amendment/Corrigendum)

Proposal –1

Online proposal No.	SIA/UK/MIS/305002/2023
Name of the Project	Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF) for Roorkee Cluster at Khasra No. 320 Village- Saliyar, Tehsil- Roorkee, District- Haridwar.
Name & Address of	M/s Nagar Nigam Roorkee, District- Haridwar.

Proponent	
Whether New/Expansion Project	New
Total Plot Area	100000.0 m^2
Project Category	7(i) & activity 'B1' enlisted in project/activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIS/305002/2023 on dated 29thSeptember, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF). The proponent has submitted detailed project related information in Form 1, PFR & EMP. The committee observed that the ToR was recommended by the SEAC in its 7th meeting dated- 13.05.2023, the ToR letter was issued by SEIAA vide letter No.-275/SEIAA dated-30.05.2023. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s Ind Tech House Consult and project was presented by Shri Indra Sharma, Functional Area Expert (FAE) .**

Hence, committee agreed to recommend the amendment in **ToR (Annexure-2)** to the proponent for preparation of EIA report considering the enhancement in project area from 40000.00 $m^2$to 100000.00 m^2. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

(Shri S.S. Bist)
Chairman,SEAC

(Dr. A.K. Minocha)
Member, SEAC

(Dr.AshutoshGautam)
Member,SEAC

(Dr. B.P. Purohit)
Member,SEAC

(Shri Nitish Mani Tripathi)
Member Secretary, SEAC

Annexure-01

1) Consent to Establish/Consent to Operate shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
2) The building plan and structural design of the unit shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
3) No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
4) The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
5) During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
6) The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
7) All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
8) The manufacturing process shall be carried out in closed atmosphere without having any air emissions. However air emissions from DG set should comply with CPCB norms by designing stack of adequate height
9) No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
10) All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
11) The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
12) Fugitive emissions in the work zone environment, product, raw materials and storage areas shall be regularly monitored. The emissions shall conform to the limits imposed by the UKPCB/Central Pollution Control Board. Dust / Powder from the formulation process shall be collected by dust extractor.
13) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storages and Import of Hazardous Chemicals Rules, 1989, as amended from time to time. Authorization from the UKPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
14) The DG sets shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
15) The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
16) All liquid raw materials shall be stored in storage tanks and drums. Closed handling systems for chemicals and solvents shall be provided. Magnetic seals shall be provided for pumps/agitators for reactors for reductions of fugitive emissions.
17) The vehicles used at the factory site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
18) All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time

19) Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
20) Training shall be imparted to all employees on safety and health aspects of handling of chemicals. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
21) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
22) The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
23) Rainwater harvesting for surface run off shall be ensured. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles.
24) Energy consumption measures like installation of LED/TFL for the external lighting area shall be ensured. The used LED/TFL shall be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
25) One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material shall be used during plantation in consultation with State Forest Department. The species should include criterion of fruit bearing and fast growth.
26) Solar panel/energy should be encouraged/installed in the premises.
27) The project proponent shall undertake in eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
28) The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.
29) The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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8(a): TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR BUILDING AND CONSTRUCTION PROJECTS UNDER VIOLATION CATEGORY AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.
3) Examine baseline environmental quality along with projected incremental load due to the project.
4) One month baseline data to be generated on Air, Water, Noise & Soil.
5) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
6) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
7) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
8) Submit the details of the trees to be felled for the project.
9) Submit the present land use and permission required for any conversion such as forest, agriculture etc.
10) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
11) Ground water classification as per the Central Ground Water Authority.
12) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
13) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
14) Examine soil characteristics and depth of ground water table for rainwater harvesting.
15) Examine details of solid waste generation treatment and its disposal.
16) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
17) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
18) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
19) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
20) Examine the details of transport of materials for construction which should include source and availability.
21) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
22) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
23) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
24) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
25) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "http://moef.nic.in/Manual/Townships".