181st Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 181st - Day-2 **Meeting Date** March 6, 2020

Subject: Environment Clearance for Expansion project of API and Intermediate chemicals manufacturing unit of Unichem Laboratories Ltd.

Is a Violation Case: No

1.Name of Project	Unichem Laboratories Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Unichem Laboratories Limited
4.Name of Consultant	Mahabal Enviro Laboratories Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of existing API manufacturing unit
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No. PP have valid CTO from MPCB no. Format 1.0/ BO/CAC-Cell/ EIC No RD-3222-16/14th CAC/3317 dated 08.03.2016 valid up to 30.04.2020
8.Location of the project	Plot No. 99, MIDC-Dhatav,
9.Taluka	Roha
10.Village	Roth
Correspondence Name:	Mr. Umakant G Kadam (GM Roha Unit)
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	Unichem Laboratories Limited, Plot no. 99, MIDC Dhatav, Roha
Locality:	Taluka Roha
City:	Roha
11.Whether in Corporation / Municipal / other area	Other (MIDC Dhatav)
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 24496.46
13.Note on the initiated work (If applicable)	Expansion activity will start after acquiring prior environmental clearance.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 27188
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 18-10-2017
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	500000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	-
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Existing production block , utility building, ETP, MEE, warehouse , administration building
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Amlodipine Besylate	20	3	23
2	Amlodipine Maleate	3	-1	2
3	Bisoprolol Fumarate	8	2	10
4	Clonidine Hydrochloride	0.25	0.25	0.5
5	Labetalol Hydrochloride	5	0	5
6	Lacidipine	0.02	0.98	1
7	Bendroflumethiazide	2	0	2
8	Hydrochlorothiazide	60	50	110
9	Aripiprazole	0.2	1.3	1.5
10	Tigabine Hydrochloride	0.02	0.48	0.5
11	Donepezil Hydrochloride	0.08	0.92	1
12	Meloxicam	5	7	12
13	Metronidazole	269	-19	250

14	Pramipexole dihydrochloride monohydrate	0.02	0.28	0.3
15	Zolmitriptan	0.02	1.48	1.5
16	Rizatriptan Benzoate	0.01	0.49	0.5
17	Tamsulosin Hydrochloride	0.01	0.49	0.5
18	Tizanidine hydrochloride	0.05	0.15	0.2
19	Tolterodine Tartrate	0.05	0.45	0.5
20	Brimonidine tartrate	0.02	0.98	1
21	Doxazosin Mesylate	0	1	1
22	Paliperidone	0	0.5	0.5
23	Apixaban	0	2	2
24	Rivaroxaban	0	2	2
25	Baclofen	0	2	2
26	Piroxicam	0	1	1
27	Prasugrel Hydrochloride	0	0.5	0.5
28	Solifenacin succinate.	0	0.5	0.5
29	Tadalafil	0	0.5	0.5
30	Teneligliptin Hydrobromide	0	0.5	0.5
31	Teriflunomide	0	0.5	0.5
32	Tofacitinib citrate	0	3.5	3.5
33	Vortioxetine Hydrobromide	0	2	2
34	4-(4-fluorobenzoyl) butyric acid (Keto Acid)	0	60	60
35	Taxol	0	0.5	0.5

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	50	0	50	10	0	10	40	0	40
Industrial Process	180	-34	146	62	0	37	118	-9	109
Cooling tower & thermopack	80	265	345	48	187	235	150	49	90
Gardening	40	40	80	40	40	80	0	0	0

Fresh water requirement	350	21	371	160	197	92	190	174	279

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5-10 m
	Size and no of RWH tank(s) and Quantity:	2 tank of 20 kl capacity
	Location of the RWH tank(s):	near plant 7 & 8
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	50000
	Details of UGT tanks if any :	Ethyl Alcohol 12 KL Ethyl Alcohol 12 KL Methanol 12 KL Methanol 12 KL Iso Propyl Alcohol 12 KL Iso Propyl Alcohol 12 KL Ethyl alcohol with 5% Acetone 12 KL Monomethyl Amine in methanol 12 KL Acetonitrile 12 KL Orthoxylene 12 KL MIDC Raw Water Tank 120 KL
35.Storm water drainage	**Natural water drainage pattern:**	Internal storm water drains are connected to MIDC drains.
	Quantity of storm water:	58.51 m3/hr
	Size of SWD:	1 X 2 Meter size drain along plot boundary
Sewage and Waste water	**Sewage generation in KLD:**	50
	STP technology:	Sewage is treated in septic tank and overflow is mixed with effluent in aeration tank of ETP.
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	no pre construction waste will be generated.
	Disposal of the construction waste debris:	it will be landfilled within premise.
Waste generation in the operation Phase:	**Dry waste:**	E waste, battery waste , plastic waste and metal scrap
	Wet waste:	Hazardous waste
	Hazardous waste:	Please refer point 45
	Biomedical waste (If applicable):	Yes. It will be disposed to MPCB registered treatment facility for Roha region.
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	non hazardous waste will be disposed through registered vendors.
	Wet waste:	CHWTSDF / MPCB Authorise Recycler
	Hazardous waste:	disposed to CHWTSDF/ sold to authorised recycler or reprocessor / disposed to co-processing unit
	Biomedical waste (If applicable):	disposed to MPCB registred processor for Roha region
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	demarkated area is provided for hazardous waste /BMW / Battery waste /E-waste storage within premise.
	Area for the storage of waste & other material:	provided
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	10 lacs.
	O & M cost:	75 lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	2.5-3	7-8.5	6.5-8.5
2	TSS	mg/L	500	26	100
3	COD	mg/L	20000	175	250
4	BOD	mg/L	7000	57	100
5	oil and grease	mg/L	20	5.45	10
6	chloride	mg/L	500	300	600
7	sulfate	mg/L	700	500	1000
8	TAN	mg/L	200	20	50
9	%Sodium	mg/L	5	5	60%

Amount of effluent generation (CMD):	279 CMD
Capacity of the ETP:	300
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	279
Membership of CETP (if require):	yes. Industry is the member of RIA CETP

Note on ETP technology to be used	Effluent segregation will be done. High load effluent is being treated through Strippers 2 Nos., three stage Multiple effect evaporator (MEE) and ATFD. Low load effluent is treated in ETP consisting primary , secondary and tertiary treatment.
Disposal of the ETP sludge	Treated effluent shall be disposed to CETP, Roha

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	used/spent oil	5.1	MT/A	1	9	10	Sale to authorized recyclers /Disposal to CHWTSDF
2	Distillation residues	20.3	MT/A	3	79	82	Disposal to CHWTSDF, / Co-processing
3	Spent Solvents	28.6	MT/A	860	377	1237	Recycle, reuse/sale to authorized recyclers /Disposal to CHWTSDF
4	Empty barrels/ containers /liners contaminated with hazardous chemicals / wastes	33.1	MT/A	4000	1000	5000	Disposal to CHWTSDF, /Sale to authorized recyclers
5	Chemical sludge from wastewater treatment	35.3	MT/A	18	17	35	Disposal to CHWTSDF, / Co-processing
6	Concentration / Evaporator residue	37.3	MT/A	3073	2689	5762	Co-processing/ Sale to authorized recyclers/ Disposal to CHWTSDF,
7	Spent catalyst	28.2	MT/A	23	23	46	Disposal to CHWTSDF, / authorized Co-processing
8	Date expired products	28.5	MT/A	2	14	15	CHWTSDF
9	Date expired products	28.5	MT/A	2	14	15	CHWTSDF
10	Date expired products	28.5	MT/A	2	14	15	CHWTSDF
11	Ash from incinerator and flue gas cleaning residue	37.2	MT/A	1	4	5	CHWTSDF
12	Spent ion exchange resin containing toxic metals	35.2	MT/A	0.5	1.5	2	CHWTSDF
13	Spent carbon or filter medium	36.2	MT/A	0.5	26.5	27	CHWTSDF
14	Waste/residue containing oil	5.2	MT/A	1	1	2	CHWTSDF
15	Oil grease skimming	35.4	MT/A	-	2	2	CHWTSDF
16	Other cleaning materials	33.2	MT/A	2	3	5	CHWTSDF
17	Residue and waste	28.1	MT/A	87	0	87	CHWTSDF
18	Decontamination of barrels containers, used for handling of hazardous waste	34.2	MT/A	-	5	5	CHWTSDF

19	Spent carbon	28.3	MT/A	13	23	36	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler (Exisiting)	FO-250 L/hr	1	35	0.4	110
2	Thermic fluid heater (existing)	FO-80 L/hr	2	23	0.3	110
3	Thermic fluid heater (existing)	FO- 50 L/hr	3	21	0.3	110
4	Boiler (Proposed)	FO-300 L/hr	1	42	1.7	90
5	180 KVA D. G. set (Existing)	HSD-40 L/hr	4	3.5 from roof	0.150	100
6	2*750 KVA D. G. set (Existing)	HSD-130 L/hr	5	3.5 from roof	0.150	100
7	1500 KVA D. G. set (Proposed)	HSD-250 L/hr	6	as per CPCB guidelines	0.200	100

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Furnace Oil (L/hr)	380	300	680
2	HSD (L/hr)	170	500	670
41.Source of Fuel		Local vendor		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development

Total RG area :	Total green belt after expansion will be 16132 sq. m.
No of trees to be cut :	Not Applicable
Number of trees to be planted :	2400
List of proposed native trees :	Waras, Mango, Jambhul, Phanas, Kusum, ain, Palash, Pangahara,Neem, Chafa, Kindal, Kusum and other local plant species
Timeline for completion of plantation :	2 years after receipt of Environment Clearance

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifera indica	mango	250	A native evergreen tree with large canopy & large leaf area which helps in dust settling
2	Albizia lebbeeck	shirish	150	A native tree with thick canopy
3	Nerium oleander	Kaner	155	A native hardy species, drought resistant with fragrant flowers
4	Schleichera oleosa	Kusum	145	A native tree found in abundance in Sahyadris
5	Azadirachta indica	Neem	150	A native evergreen tree known for plantation in polluted area

6	Cassia fistula	Bahava	100	Native ornamental tree having flowers attracting bees and butterflies
7	Neolamarckia cadamba	Kadamba	145	A native evergreen tree with thick canopy
8	Holoptelea integrifolia	Vavala	150	A native tree abundantly found in the Raigad district
9	Terminalia arjuna	Arjun	150	A native evergreen tree with large canopy
10	Derris indica	Karanja	100	A native tree blooming throughout the year
11	Delonix Regia	Gulmohar	200	flower bearing deciduous tree
12	Polyalthia Longifilia	Ashok	250	A evergreen tree
13	Polyalthia Longifilia	Ashok	250	A evergreen tree
14	Microcos paniculata	Shirali	150	A native evergreen tree abundantly found across the Sahyadri ranges
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	As per existing load
	DG set as Power back-up during construction phase	As per existing capacity
	During Operation phase (Connected load):	6000 kW
	During Operation phase (Demand load):	3550 KVA
	Transformer:	4500 KVA
	DG set as Power back-up during operation phase:	Total 3180 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

CFL & Sodium mercury vapor lamp are replaced by LED lamps to reduce power consumption , Solar street lights will be provided in future.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	Combined treatment of trade and domestic effluent of design capacity of 300 CMD. Segregation is done; High stream effluent is treated through Stripper coloumn, Three stage MEE and ATFD etc. MEE condensate is treated in aeration tank of the ETP. Treated effluent from ETP is sent to Common Effluent Treatment Plants for further treatment and disposal.	Same treatment scheme shall be continued. Existing ETP capacity is adequate to treat additional quantity of liquid effluents from proposed expansion project.
Air emissions from Bolier/TFH , Process & DG set	For boiler emissions, stacks with adequate height are provided. Scrubbers (11 units of acid scrubbers; 3 units of alkali scrubbers) are provided to mitigate process emissions. Stacks of 3.5 m height above roof are provided to DG set	For proposed boiler, stack of adequate height as per CPCB guidelines shall be provided. Additional scrubbers (3 alkali; 9 acidic) are proposed for mitigation of process emissions. Scrubber stacks of 5 m height above roof shall be provided. D.G. set stack shall be provided as per CPCB guidelines.
Solid Waste Management	Solid hazardous waste is sent to CHWTSDF or sold to MPCB authorised recyclers; Non hazardous waste is sold to MPCB authorized vendors / recyclers	Solid hazardous waste shall be sent to CHWTSDF or will be sent for co-processing or will be sold to MPCB authorised recyclers. Non hazardous waste shall be sold to MPCB authorised vendors / recyclers.
Noise Pollution	Anti-vibration pads and acoustic enclosures to high noise generating equipment are provided.	Anti-vibration pads and acoustic enclosures to high noise generating equipment shall be installed.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	500000
	O & M cost:	50000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Pollution Control	Construction runoff will be treated in existing ETP, Existing sanitation facilities shall be utilized by construction workforce.	0.5
2	Air Pollution Control	Water sprinkling to control fugitive emissions, Provision of Wind barrier.	2

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Green belt development	Tree plantation shall be carried out in Adequate area of green belt	15	7.5
2	Water Pollution Control	Operation and Maintenance of ETP;	550	250.84
3	Air Pollution Control	Installation of process scrubbers, boiler and scrubber stacks,	30	28.25

4	Occupational Health and Safety Assessment	Gloves, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs & annual health medical check up of workers.	15	75.00
5	Noise Pollution Control	Installation of vibration pads and acoustic enclosures to high noise generating equipment	5	0.50
6	Environment Monitoring and Management	Post project monitoring of Environmental components, Installation of real time effluent and emission monitoring system.	5	7.52
7	Solid Waste Management	Segregation, handling and storage of hazardous waste	NA	200
8	Water conservation	Rain water harvesting system shall be implemented	5	1.5

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Sulphuric Acid	Liquid	AGT	30	30	1510 MT/A	Local	By Road
Caustic lye	liquid	AGT	40	40	1273758 MT/A	Local	By road
Oleum	liquid	AGT	20	20	1724537 MT/A	local	By road
Nitric Acid	Liquid	AGT	10	10	415046 MT/A	local	By road
Glyoxal	liquid	AGT	30	30	1608796 MT/A	Local	By road
Acetic Acid	liquid	AGT	30	30	623816 MT/A	local	By road
Liquor Ammonia	liquid	AGT	30	30	6073924 MT/A	local	By road
Ethylene Oxide	liquid	AGT	10	10	390625 MT/A	local	By road
Acetaldehyde	liquid	AGT	15	15	497685 MT/A	local	By road
Methanol	liquid	UGT	30	30	744690 MT/A	local	By road
Iso propyl alcohol	Liquid	UGT	20	20	267584 MT/A	local	By Road
Mono methyl Amine 40 % solu.	liquid	UGT	20	20	79583 MT/A	local	By Road
Acetone	liquid	Drum storage	10	10	220316 MT/A	local	By road
Hydrochloric Acid	liquid	Drum Storage	5	5	5270 MT/A	local	By road
Acetonitrile	liquid	Drum Storage	5	5	50471 MT/A	local	By road
Dimethyl Glutarate	Liquid	Drum Storage	10	10	67769 MT/A	Import	By Road

Tetrahydrofurane	liquid	Drum Storage	10	10	901659 MT/A	local	By road
Epichlorohydrin	liquid	Drum storage	10	10	31693 MT/A	local	By road
Chloroform	liquid	Drum storage	5	5	140511 MT/A	local	By road
Acetyl chloride	liquid	Drum storage	10	10	67769 MT/A	local	By Road
Toluene	liquid	Drum storage	10	10	182665 MT/A	Local	By road
Aluminium Chloride	Solid	Bag storage	10	10	117352 MT/A	local	By road
Isopropoxy Ethanol	liquid	Drum storage	10	10	109166 MT/A	local	By road
Ethyl Acetate	liquid	Drum storage	10	10	390817 MT/A	Local	By road
Fluro benzene	Liquid	Drum storage	10	10	344302 MT/A	Local	By Road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum 6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-12-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes to provide Zero Liquid Discharge Effluent Treatment Plant.
Drainage pattern of the project	PP considered contour levels during design of storm water drains.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits.
Solid Waste Management	PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The electrical demand for project is 3550 KVA which will be supplied by MSEDCL. PP proposes DG sets with total capacity 3180 KVA
Traffic circulation system and risk assessment	PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic.
Landscape Plan	PP proposes to provide 33% green belt within the premises.
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes Rs. 2.50 Lakhs during construction phase and Rs. 625.00 Lakhs as capital cost and Rs. 571.11 Lakhs as recurring EMP cost for the maintenance of environmental parameters during operation phase.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015. The proposal was earlier considered in the 159th A meeting held on 01.02.2019 wherein the PP remained absent.

The Environment Department, Govt. of Maharashtra has received clarification from MoEF&CC vide letter dated 04.02.2019 which reads as below,

"Dhatav village has been identified as a part of eco-sensitive area as per the Ministry's draft Notification S.O. No. 2435 dated 04.09.2015. However, since the notification is still in the draft stage, proposals pertaining to Dhatav were not accepted in the Ministry and were advised to be taken up by the concerned SEAC/SEIAA. Now it has been informed that, the concerned Authorities in the State of Maharashtra are also not accepting the proposals on the grounds that there are no clear directions from the Ministry on the subject.

In view of above, it is clarified that, such proposals be considered for environmental clearance as per the provisions of the EIA Notification, 2006, which clearly provides for applicability of General Conditions in respect of eco-sensitive areas notified under sub-section (2) of Section 3 of the Environment (Protection) Act, 1986."

SEIAA also accorded approval vide file No SEAC-2019/CR-12/SEAC-1 to consider the proposal from Dhatav area under category B as clarified by the MoEF&CC vide above communication.

In view of above clarifications, SEAC-1 decided to consider the proposals from Dhatav area for prior Environmental Clearance.

Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

The ToR was granted to the PP in 175th meeting of SEAC-1 held on 15.01.2020.

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

After deliberations with the PP and their accredited consultant SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subject to the follwoing conditions.

Specific Conditions by SEAC:

1) PP to provide Zero Liquid Discharge Effluent Treatment Plant.
2) PP to submit compliance of point No. 3 (x) (xi) of the standard ToR point to the SEIAA.
3) PP to prepare safety related training modules in Marathi /Hindi Language and impart training to all concern staff so as to increase its effectiveness.
4) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly. PP to provide lightening arrestor.
5) PP to include carbon and water foot print in their environment management plan.
6) PP shall prepare CER plan of Rs. 50 Lakhs including provision of Ambulance stationed at primary health center for the use of general public in case of emergency. PP to execute MoU with the CEO Zilla Parishad Raigad indicating the capital expenses for ambulance will be met from CER fund and recurring cost like operation maintenance, driver salary, fuel etc will be met from their CSR funds. Remaining CER funds to be used for providing solar panels, clean drinking water and sanitation facility in the Z.P. Schools of the study area in consultation with CEO Zilla Parishad, Raigad.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

181st Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 181st - Day-2 **Meeting Date** March 6, 2020

Subject: Environment Clearance for Stone quarr y proposal of M/s Montecarlo Ltd.,at.Tamsala,Tq.Washim.,Gut No.34/1 ,34/2, Dist Washim

Is a Violation Case: No

1.Name of Project	Stone quarr y proposal of M/s Montecarlo Ltd.,at.Tamsala
2.Type of institution	Private
3.Name of Project Proponent	M/s Montecarlo Ltd.,
4.Name of Consultant	M/s Shri Sai Mansa Nature Tech Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	At. Tamsala ,Gut No.34/1 ,34/2,
9.Taluka	Washim
10.Village	Tamsala
Correspondence Name:	M/s Montecarlo Limited
Room Number:	Gut No.34/1 ,34/2,
Floor:	Gut No.34/1 ,34/2,
Building Name:	Gut No.34/1 ,34/2,
Road/Street Name:	Gut No.34/1 ,34/2,
Locality:	Tamsala
City:	Tamsala
11.Whether in Corporation / Municipal / other area	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	District Mining Office
	IOD/IOA/Concession/Plan Approval Number: Mining Plan
	Approved Built-up Area: 47700
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining plan - approal no.-BON/MINING/MMP/215/2018/1422
15.Total Plot Area (sq. m.)	47700
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 47700
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 30-10-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	5450000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Width 6 M
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone Metal	0	436244 TPA /54470 Brass	436244 TPA /54470 Brass

32.Total Water Requirement

Dry season:	**Source of water**	Water tanker
	Fresh water (CMD):	4.60
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.60
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.60	0.60	0	0.60	0.60	0	0	0
Gardening	0	2.00	2.00	0	2.00	2.00	0	0	0
Domestic	0	2.00	2.00	0	2.00	2.00	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	30 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	1
	Size of recharge pits :	Mine pit will act as recharge
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Drain of 1m width x 1m depth along the periphery of lease area is proposed
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	Not applicable
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	All the mined out mineral is minor mineral & is salable .will be used for plantation along the peripheral area.
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	All the mined out mineral is minor mineral & is salable .will be used for plantation along the peripheral area.
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not Applicable	Not Applicable	0	0	0	0	Not Applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

43.Green Belt Development	**Total RG area :**	5407
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	2880
	List of proposed native trees :	Neem, Peepal ,Jambhul,Bamboo,Bakul
	Timeline for completion of plantation :	5 years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Neem	Neem	880	For Dust control
2	Peepal	Peepal	500	For Dust control
3	Jambhul	Jambhul	500	For Dust control
4	Bamboo	Bamboo	500	For Dust control
5	Bakul	Bakul	500	For Dust control
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

47.Energy

Power requirement:	**Source of power supply :**	State Electicity Distribution
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	Not Applicable
	During Operation phase (Demand load):	Not Applicable
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	Not Applicable
	Fuel used:	Not Applicable
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

Not Applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not Applicable	Not Applicable

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not Applicable	Not Applicable	Not Applicable

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Water sprinkling on haul road & in plantation area, (pumps, pipes, manpower, etc)	1.25	0.50
2	Air pollution control	Tarpoulin covers for vehicle (5 nos.)	0.35	0.15
3	Air pollution control	Road Compaction & gradation (500m)	2.00	0.50
4	Water Pollution Control	Water sprinkling on haul road & in plantation area, (pumps, pipes, manpower, etc)	1.00	0.20
5	Environmental Monitoring and Management	Environmental Monitoring and Management	00	1.00
6	Green belt Development & Plantation	Green belt Development & Plantation	0.50	0.50
7	Safety	Safety Equipment	0.70	0.20
8	Safety	Signage	0.20	0.10
9	Safety	Fencing	2.00	0.20
10	OHS	Toilet	1.00	0.20

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Katepurna santury is 36 km in North direction
	Category as per schedule of EIA Notification sheet	1A B2
	Court cases pending if any	No
	Other Relevant Informations	20°1' 30.3983"N 77°7' 50.0621"E 20°1' 32.6473"N 77°7' 51.9244"E 20°1' 33.1299"N 77°7' 59.8572"E 20°1' 23.8892"N 77°7' 59.5866"E

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	Not Applicable
Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	The capital EMP cost is Rs. 13.95 Lakhs and recurring EMP cost is Rs. 10.85 Lakhs.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein the proposal was deferred till submission of compliance of follwoing points,

1. PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.

2. PP to ensure that, there is uniformity in the name of project proponent in application form, Approved Mining Plan and Ownership documents.

3. PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.

4. PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.

5. All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.

6. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).

7. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

8. Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

9. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

10. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

Now PP submitted complaince of above points

DECISION OF SEAC

After deliberations SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subject to the following conditions.

The capital EMP cost is Rs. 13.95 Lakhs and recurring EMP cost is Rs. 10.85 Lakhs.

Specific Conditions by SEAC:

1) PP to get proposed mine area and 7.5 meter wide safety zone demarcated in presence of DMO before taking any effective steps on site.
2) PP to develop green belt by planting 1000 nos. of indigenous trees within the plot area with facility of drip irrigation and 500 nos. of indigenous trees along the approach road before taking any effective steps on site.
3) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
4) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. PP to plant trees along the road.
5) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
10) The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
11) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
12) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
13) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
14) PP to ensure no stream is diverted due to proposed quarrying activity.
15) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
16) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
17) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
18) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
19) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
20) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
21) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
22) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
23) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
24) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
25) PP to provide solar energy, sanitation facility in the Z.P. School in village Tamasala from CER funds (Rs. 10.00 Lakhs) in consultation with the District Authority.
26) The District Collector shall ensure proper approach road to the proposed quarry area before granting final mining lease.
27) The District Collector shall ensure that, the proposed quarry area doesn't falls in the Eco Sensitive area notified by the Government before granting final mining lease.
28) If the proposed stone quarry mining site is situated within distance of 10 KMs from the Notified Wild Life Sanctuary , then, The District Collector shall ensure that, final mining lease to the PP is issued only after clearance from concern Competent Authority of Forest Department (Wild Life) for cutting of tress and non-forest use of the land

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Subject: Environment Clearance for Expansion of "Chemical Manufacturing Plant"

Is a Violation Case: No

1.Name of Project	Expansion of "Chemical Manufacturing Plant"
2.Type of institution	Private
3.Name of Project Proponent	M/s Excel Industries Limited
4.Name of Consultant	M/s Perfact Enviro Solutions Pvt. Ltd
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No, the unit was established before the EIA Notification,2006. Therefore, Environment Clearance was taken. The unit has valid consent to operate.
8.Location of the project	Plot no. 112, 20/1 & OS-2
9.Taluka	Roha
10.Village	MIDC Dhatav
Correspondence Name:	NA
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	NA
City:	NA
11.Whether in Corporation / Municipal / other area	Maharashtra Industrial Development Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 47622.61
13.Note on the initiated work (If applicable)	This is already existing industry
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	95569 sqm
16.Deductions	0
17.Net Plot area	95569 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 47622.61
	b) Non FSI area (sq. m.):
	c) Total BUA area (sq. m.): 47622.61
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 01-08-2018
19.Total ground coverage (m2)	32532
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.04
21.Estimated cost of the project	455000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	NA
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	12 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	It is existing industry having production of 91,434 TPA (Product: 47,905 TPA and By-product: 43,529 TPA)
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Phosphorus trichloride (PCl3)	833	1667	2500
2	Thio Phosphoryl Chloride (PSCl3)	17	626	643
3	Phosphorus Pentasulphide (P2S5)	1400	847.5	2247.5
4	Diethyl/Dimethyl Di Thiophosphoric Acid [DTA (E)/(M)]	100	0	100
5	Diethyl/Dimethyl Thiophosphoryl chloride [DETC (E)/(M)]	1271	896	2167
6	Dimethyl Phophoro Amido Thioate (DMPAT)	0	417	417
7	2-Nitrobenzyl Bromide (NBBR)	0	42	42
8	1-(4-Chlorophenyl)-1 H-pyrazol-3-01 (4 CPZ)	0	42	42
9	3-Methoxy-4-methyl-1,2,4-triazolin-5-one (MMT Monohydrate)	0	17	17
10	2-Chloro-5-chloro-methyl thiazole (CCMT)	0	83	83
11	N-Phosphino Methyl Imino Diacetic Acid (NPMIDA)	100	0	100
12	N,N Dimethyl Amino Thio Acetamide Hydrochloride (DMATA.HCl),NI4	8.3	0	8.3
13	2-Methyl / Ethyl Nromo Butyrate (M2BB/E2BB)	50	0	50
14	Phenyl Hydrazine / Phenyl Hydrazine Hydrochloride/4-chloro Phenyl Hydrazine Hydrochloride.	0	83.3	83.3
15	Ethyl 4 - methyl - 5 thaizole carboxylate (TAZ)	0	1.25	1.25
16	Ethyl 2-chloro aceto acetate (E2CA)	0	1.7	1.7
17	Ethyl-2-(4-hydroxyphenyl)-4-methyl-1,3-thiazole-5-carboxylate(T2)	0	4.2	4.2
18	Styrene phosphonic acid (SPA)	20	22	42
19	Para Ethoxy Ethyl Benzoate (PEEB)	30	0	30
20	Para Iso Propoxy Ethyl Benzoate (RELD)	0	20	20
21	EXFLAR - N (Melamine cyanurate)	8.4	0	8.4
22	1,1,1, Tris (4- Hydroxy Phenyl) Ethane (THPE)	0	0	5

23	Flame Retardants-1] Tricryl phosphate2] Triphenyl phosphate 3] Triethyl phosphate 4) Triethyl Phosphite	0	83.4	83.4
24	EXCLAR-414 1,3:2,4-Bis(3,4-dimethylbenzylidene) sorbitol	6.5	0	6.25
25	EXHALS-481 Bis (2,2,6,6-Tetramethyl-4-piperidinyl) sebacate.	8.34	0	8.34
26	Dimethyl Bisphenol Cyclohexane (DMBPC)	10	0	10
27	Amino Trimethylene Phosphonic Acid (ATMP) and Salts /Diethyl Triamine Pentamethylene Phosphonic Acid (DTPMPA) and Salts	120	0	120
28	Butaphosphan	0	1.7	1.7
29	R & D and Pilot Plant for intermediates, Pharmaceuticals and Drugs	5	5	10

32.Total Water Requirement

Dry season:	**Source of water**	MIDC supply
	Fresh water (CMD):	1505
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	1595
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	608
Wet season:	**Source of water**	MIDC Supply
	Fresh water (CMD):	1505
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	1595
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	608
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	75	0	75	0	0	0	75	0	75
Gardening	30	0	30	30	0	30	0	0	0
Industrial Process	370	380	750	70	70	140	300	310	610
Cooling tower & thermopack	600	140	740	570	120	690	30	20	50

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	4 m
	Size and no of RWH tank(s) and Quantity:	No. of RWH tanks: 1 & Quantity: 100 KL
	Location of the RWH tank(s):	surface
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	3.0 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2250/month
	Details of UGT tanks if any :	Total Under Ground Storage: 256 Kl are as follows Methanol : 16 kl Ethanol : 16 kl x 2 and 40 kl x 45 Toluene : 16 Kl x 2 Diesel : 16 Kl
35.Storm water drainage	**Natural water drainage pattern:**	Available (already existing on site)
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	75
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	During the construction phase, 8 kg/day of solid waste shall be generated from labor
	Disposal of the construction waste debris:	Waste shall be sent to the designated waste disposal site.
Waste generation in the operation Phase:	**Dry waste:**	25 kg/day
	Wet waste:	56 kg/day
	Hazardous waste:	20.3 Distillation Residue, 21.1 Process wastes, residue & sludge, Residue from filtration of Sulphur (B8), 34.3 Chemical Sludge from waste water treatment, 5.1
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	Boiler Ash- 2100 TPA
Mode of Disposal of waste:	**Dry waste:**	Collected by private garbage collection agency and recycled at the Govt authorised plant
	Wet waste:	The waste will be sent to Organic Waste Convertor
	Hazardous waste:	TSDF Site
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	To brick Manufacture
Area requirement:	**Location(s):**	Surface
	Area for the storage of waste & other material:	Hazardous waste - 287 sq.mt , ETP operation - 4613 sq.mt
	Area for machinery:	22772.4 sq.mt
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	36 Crore
	O & M cost:	2.5 Cr/Annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	Hazen	2.0	6.0-7.0	5.5-9.0
2	Colour	-	colourless	colourless	colourless
3	TDS	mg/l	12000-14000	< 200	< 2100
4	TSS	mg/l	100 – 200	<85	< 100
5	COD	mg/l	8000-10000	230	< 250
6	BOD	mg/l	5000 – 7000	25	<30

Amount of effluent generation (CMD):	640 KLD
Capacity of the ETP:	ETP-650 KLD & MEE- 100 KLD
Amount of treated effluent recycled :	90 KLD
Amount of water send to the CETP:	608 KLD
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Raw Effluent Collection/Equalization We have a fully operative effluent treatment facility comprising of Auto neutralization, Equalization tanks, Secondary and

Disposal of the ETP sludge	TSDF site

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Distillation residue of M2BB/E2BB Product	20.3 Distillation Residue	MT/A	24	0	24	TSDF site
2	Distillation Bottom from R&D, Pilot plant Products	20.3 Distillation Residue	MT/A	20	20	40	TSDF site
3	Distillation Bottom of THPE product	20.3 Distillation Residue	MT/A	1.75	0	1.75	TSDF site
4	Distillation Bottom of SPA product	20.3 Distillation Residue	MT/A	5.4	5.4	10.8	TSDF site
5	Distillation Bottom of PEEB product	20.3 Distillation Residue	MT/A	5	0	5	TSDF site
6	Distillation Bottom of RELD product	20.3 Distillation Residue	MT/A	0	8	8	TSDF site
7	Distillation Bottom of DETC product	20.3 Distillation Residue	MT/A	229	161	390	TSDF site
8	Distillation Bottom of DMTC product	20.3 Distillation Residue	MT/A	0	5	5	TSDF site
9	Distillation Bottom of Phenyl Hydrazin	20.3 Distillation Residue	MT/A	0	100	100	TSDF site
10	Disttilation Residue of Butaphospan product	20.3 Distillation Residue	MT/A	0	16	16	TSDF site
11	Disttilation bottom of DMBPC product	20.3 Distillation Residue	MT/A	0	3.6	3.6	TSDF site
12	Disttilation bottom of TAZ product	20.3 Distillation Residue	MT/A	0	0.5	0.5	TSDF site
13	Distillation Bottom of DMATA.HCI	20.3 Distillation Residue	MT/A	31	0	31	TSDF site
14	Disttlation bottom of Ni4 product	20.3 Distillation Residue	MT/A	0	10	10	TSDF site
15	Sludge Arising from P4	21.1 Process wastes, residue & sludge	MT/A	0	9.56	9.56	TSDF site
16	Salt from Ni4 Product	21.1 Process wastes, residue & sludge	MT/A	0	234	234	TSDF site
17	Residue from filtration of Sulphur	Residue from filtration of Sulphur (B8)	MT/A	100	50	150	TSDF site
18	Charcoal Residue	34.3 Chemical Sludge from waste water treatment	MT/A	2.1	0	2.1	TSDF site
19	Sludge arising from treatment of high COD waste streams form DETC Process	34.3 Chemical Sludge from waste water treatment	MT/A	7500	9375	16875	TSDF site
20	Sludge arising from treatment of high COD waste streams form DMPAT Process	34.3 Chemical Sludge from waste water treatment	MT/A	0	500	500	TSDF site
21	Sludge arising from secondary treatment of waste water	34.3 Chemical Sludge from waste water treatment	MT/A	800	0	800	TSDF site
22	Spent Lubricating agent system oils	5.1 Used or spent oil 5.2 wastes or residues containing oil	MT/A	5	5	5	TSDF site
23	Discarded containers/barrels/liners/Containers of hazardous chemicals and hazardous waste	33.3 Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	no/yr	1000	0	1000	TSDF site
24	Residue containing iron sulfide, silica and carbon from product distillation.	B4 Residue containing iron sulfide, silica and carbon from product distillation	MT/A	30	0	30	TSDF site

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 12TPH	Coal- 24 TPH	S1	42	1.18	415 Kelvin
2	Boiler 6TPH	Coal	S1	42	1.18	415 Kelvin
3	Boiler 12TPH	Coal- 25 TPH	S1	42	1.18	415 Kelvin
4	Generator- 1010 KVA	HSD- 4 T/day	S10	4.5	0.304	388 Kelvin
5	Generator- 750 KVA	HSD- 2 T/day	S9	3.5	0.203	396
6	Generator- 380 KVA	HSD- 1.5 T/day	PS-1 (A)	3.5	0.203	485 Kelvin
7	PCL3	NA	S2	18	0.05	307 Kelvin
8	DETC – I	NA	S3	6	0.05	307 Kelvin
9	DETC – II	NA	S5	6	0.05	307 Kelvin
10	DETC – I	NA	S4	6	0.15	305 Kelvin
11	DETC – II	NA	S6	6	0.15	309 Kelvin
12	NPMIDA	NA	S7 (A)	18	0.15	-
13	NPMIDA	NA	S7 (B)	22	0.07	-
14	NPMIDA	NA	S7 (C)	8	0.15	-
15	SPA	NA	S8	6	0.05	308 Kelvin
16	Pilot Plant	NA	S11	6	0.05	309 Kelvin
17	Pilot Plant	NA	S12	6	0.05	307 Kelvin
18	ATMP	NA	ATMP	6	0.05	-
19	Oil hearing unit	Furnace Oil - 1 T/day	S14	16	0.25	452 Kelvin
20	P2S5 (P2) Plant	Furnace Oil - 1 T/day	PS2	16	0.20	327 Kelvin
21	P2S5 (P2) Plant	NA	PS3	10	0.20	305 Kelvin
22	P2S5 (P3) Plant	Furnace Oil - 1.05 T/day	PS3	16	0.20	312 Kelvin
23	P2S5 (P3) Plant	NA	PS5	10	0.20	307 Kelvin
24	DMPAT	NA	S15	6	0.05	-
25	MPP	NA	S16	6	0.002	-
26	MPP	NA	S17	6	0.002	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	29 T/day	20 T/day	49 T/day
2	HSD	7.5 T/day	0	7.5 T/day
3	Furnace Oil	3.05 T/day	0.95 T/day	4 T/day
41.Source of Fuel		Coal - Imported from Indonesia (Mine) , HSD/Furnace Oil - from Refinery		
42.Mode of Transportation of fuel to site		Road transport		

43.Green Belt Development	**Total RG area :**	31555 sq.mt
	No of trees to be cut :	0
	Number of trees to be planted :	155
	List of proposed native trees :	Date Palm, White frangipani, False Ashoka, Coconut, Indian-almond, Mango, Weeping fig, Gulmohar tree, Dracaena, Ixora, Ashoka, Indian shot, Raatrani
	Timeline for completion of plantation :	3 years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Phoenix Dactylifera	Date Palm	11	Cultivated primarily for fruit eaten fresh or dried, being a high energy food of high sugar content, as well as a good source of iron and potassium also have medicinal properties.
2	Plumeria alba	White frangipani	6	Root bark, flower and seed used in medicine.
3	Polyalthia longifolia	False Ashoka	30	Used for making barrels
4	Cocos nucifera	Coconut	8	Cultivated primarily for fruit eaten fresh or dried, used in cosmetics and also have medicinal properties.
5	Terminalia catappa	Indian-almond	18	Raw seed eaten fresh or roasted and rest Bark, leaves and fruits used in medicine
6	Mangifera indica	Mango	2	Cultivated primarily for fruit eaten fresh and rest Bark, leaves have medicinal properties.
7	Ficus benjamina	Weeping fig	14	An ornamental plant also used for air cleaning.
8	Delonix regia	Gulmohar tree	5	Gulmohar is an ornament plant in all over world and parts are used as a traditional medicine
9	Dracaena marginata	Dracaena	10	Dracaena is an ornament plant in all over world
10	Ixora chinensis	Ixora	12	Used as an ornamental hedge and parts are used as a medicine
11	Saraca indica	Ashoka	15	Root bark, flower and seed used in medicine.
12	Canna indica	Indian shot	5	Canna indica is an ornament plant in all part of the world
13	Cestrum nocturnum	Raatrani	5	Used as an ornamental hedge and parts are used as a medicine
14	Cycas revoluta	Sago palm	8	Leaves and seed used in medicine.
15	Tabernaemontana divaricata	Crape jasmine	6	It is used as a traditional medicine
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL (Maharashtra State Electricity Distribution Company Limited)
	During Construction Phase: (Demand Load)	25 KVA
	DG set as Power back-up during construction phase	3 Nos. of DG Set having Capacity 380 KVA, 750 KVA & 1010 KVA
	During Operation phase (Connected load):	6866 KVA
	During Operation phase (Demand load):	3950 KVA
	Transformer:	3 MVA each, 22 KV Input and 3 Phase 440 V output
	DG set as Power back-up during operation phase:	3 Nos. of DG Set having Capacity 1010 KVA, 750 KVA & 380 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	None

48.Energy saving by non-conventional method:

Use of LED lamps in place of conventional Mercury Vapour lamps, Installation of energy efficient Motors, Installation of Energy Pumps.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Electricity consumption of lighting is reduced by 5	100 KW to 50 KW

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution from coal boiler	Chimney (cyclone type dust collector)	Chimney (cyclone type dust collector)
Air pollution from DG sets	Stacks has been provided	-
Air pollution from flue gases from process	Common Scrubbers, Packed Column Scrubber	Common Scrubbers, Packed Column Scrubber

Waste water stream	ETP & MEE	ETP & MEE
Noise from Machinery area, canteen etc	Earmuffs	Earmuffs

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	LED Lamps - 22.0 Lakhs, Energy Efficient Motors - 10 Lakhs, Energy Efficient Pumps- 25 Lakhs (2018-2019)
	O & M cost:	5 Lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air and Noise pollution control system	PM, Leq	3 Lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Plant and Machinery (APCM)	APCS and monitoring	30	240
2	Solid Waste Management	Filter press for sludge De-watering	100	0.6
3	Waste Water Management	ETP and MEE	1500	223
4	Landscaping/Plantation	Plantation	50	8

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	11573 sq.mt
	Area per car:	7.5 sq.mt
	Area per car:	7.5 sq.mt
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	9
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NO COURT CASE
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-05-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable

Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP has obtained ToR from MOEF&CC vide letter No. IA-J-11011/86/2018 dated 23.04.2018 for their proposed project at Plot No. 11, 20/1, OS-2 MIDC Area, Dhatav, Roha, Dist. Raigad.

During deliberations it was observed that the Dhatav(ct) is included in the list of ecosensitive villages published in the draft Notification issued by MoEF&CC 3rd October, 2018.

Ministry of Environment and Forest, New Delhi has issued Directions under Section 5 of the Environment (Protection) Act, 1986 dated 13.11.2013 and Office Memorandum dated 20.12.2013 regarding prohibition of activities in the area identified as Ecologically Sensitive Area (ESA) under the High Level Working Group (HLWG) formulated for Western Ghat by Ministry of Environment, Forest and Climate Change, Government of India, New Delh.

The direction states as below,

"The following category of new and/or expansion projects/activities shall be prohibited in the Ecologically Sensitive Area (ESA) from date of issue of these directions (that is from 13.11.2013) except those cases which have been received by EAC/MoEF or SEAC/SEIAA before the date of putting HLWG report on the web site of the Ministry that is 14.04.2013 and which are pending with EAC/MoEF or SEAC/SEIAA. Such projects will be dealt under the guidelines and rules applicable at the time of application before the respective EAC/MoEF, SEAC/SEIAA. Apart from such cases, no pending case or any fresh case shall be considered by the EAC/MoEF or SEAC/SEIAA as from the date of issue of these directions."

1. Mining, quarrying and sand mining.

2. Thermal Power Plants.

3. Building and Constrcution projects of 20000 Sq.m. area and above.

4. Township and area development projects with an area of 50 ha and above an d/or with built up area of 150000 Sq.m and above.

5. Red Category of Industries

The proposal under reference falls at Sr. No. 5 above.

SEAC is of the opinion that, proposed expansion of industry is prohibited in Ecosensitive Area as mentioned above.

However MoEF&CC vide their EDS dated 20.05.2018 & 29.06.2018 have communicated to the PP as under respectively,

"Appicability of general condition needs to be justified with supporting docuemnts (Final Notification of Western Gahts declaring the same as ESZ/ESA) for considering the proposal at central level."

"The project/activity is covered under category "B" of item 5(f) of the schedule to the EIA Notification, 2006, which is th ejurisdiction of SEAC/SEIAA. Please submit your proposal accordingly."

In this proposal under reference ToR is granted by EAC, MoEF&CC and directed the PP to approach to the SEIAA as proposed project falls under category "B".

In view of above circumstances, SEAC decided to refer the proposal to the SEIAA for guidance on follwing point,

Whether proposal under reference may be apprasied as category "B" as per EIA Notification, 2006.

SEIAA considered the proposal in their 188th meeting held on 11.02.2020 wherein SEIAA sent proposal back to the SEAC with direction to appraise the proposal.

Hence, SEAC-1 considered the proposal for appraisal.

DECISION OF SEAC

During discussion with the PP and accredited consultant, it has come to the notice of the SEAC that, some of the propsoed prodcuts are agrochemicals which are intermediate to the pesticide and insecticide manufacturing purpose which fall under category 5(b) of the schedule attached to the EIA Notification, 2006.

If PP intends to manufacture the agrochemicals as indicated above, provisions of cateogry 5(b) shall be attracted and competent Authority for their appraiasal is EAC, MoEF&CC.

PP may carry out scientific assessment of all the prodcuts from renowned Govt. Institution like ICT, NCL, IIT etc. to identify the products whch are used as intermediate/raw material for manufacturing of insecticide/persticide (covered under category 5(b) of the schedule attached to the EIA Notifiaction, 2006) and remove the same from the present propsoal and submit revised propsoal only for products which are strictly covered under category 5(f).

In view of above, SEAC-1 decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.