SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for DiEthyl Phthalate plant

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Shree Vitthal Chemicals
2.Type of institution	Private
3.Name of Project Proponent	Pravin Shankar Mane
4.Name of Consultant	Vijay Autade
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No-B-54,Tasawade MIDC,Karad,Dist.-Satara
9.Taluka	Karad
10.Village	Tasawade
11.Area of the project	MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: A-11121
	Approved Built-up Area: 664
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	2100
16.Deductions	NA
17.Net Plot area	NA
18.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.): Not applicable
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	3.22

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	NA
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)	NA

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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	DiEthyl Phthalate	NA	400	400

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	0.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	0.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5
	Fire fighting - Underground water tank(CMD):	200
	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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	NA	4.5	4.5	NA	NA	NA	NA	0.5	0.5

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	NA
	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:**	900KG/DAY
	Disposal of the construction waste debris:	BRICS MANUFACTURING
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	300KG/DAY
	Others if any:	PROCESS 600KG/DAY

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Mode of Disposal of waste:	**Dry waste:**	BRICS MANUFACTURING
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	TO ENCINERATOR
	Others if any:	ASH TO BRICS MANUFACTURING
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	578
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	3.22
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NNA	NA	NA	NA

Amount of effluent generation (CMD):	1.2
Capacity of the ETP:	2
Amount of treated effluent recycled :	1.2
Amount of water send to the CETP:	NIL
Membership of CETP (if require):	RANJANGAON
Note on ETP technology to be used	TERTIARY TREATMENT SAND CARBON FILTER
Disposal of the ETP sludge	TO INCINERATOR

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	20	1	30	0.4	130

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	BAGASSE BRICKADES	NA	20	20

41.Source of Fuel	SUGAR FACTORY
42.Mode of Transportation of fuel to site	TRUCK

43.Green Belt Development	**Total RG area :**	700
	No of trees to be cut :	NO
	Number of trees to be planted :	150
	List of proposed native trees :	NA
	Timeline for completion of plantation :	iMMIGIATE

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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	NA	NA	NA	NA
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 :**	MSEB
	During Construction Phase: (Demand Load)	10HP
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	100HP
	During Operation phase (Demand load):	100HP
	Transformer:	100HP
	DG set as Power back-up during operation phase:	125HP
	Fuel used:	DISSEL
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

SOLAR ENERGY FOR DOMESTIC.

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
AIR POLLUTION CONTROL	NA	AIR POLLUTION CONTROL
WATER POLLUTION CONTROL	NA	WATER POLLUTION CONTROL
ENVOIRNMENT MONITORING AND MANAGEMENT	NA	ENVOIRNMENT MONITORING AND MANAGEMENT

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	3.22
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)

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1	AIR POLLUTION CONTROL	NA	1.2
2	WATER POLLUTION CONTROL	NA	1.0
3	ENVOIRNMENT MONITORING AND MANAGEMENT	NA	3.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	NA	NA	NA	NA

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
ALCOHOL	NA	PLANT	50KLPD	50KLPD	10	SUGAR FACTORY	TANKER
PHTHALIC UNHYDRIDE	NA	PLANT	100MT	100MT	13.32	MUMBAI	TRUCK

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:	50
	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):	5.5M
	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	5(F)B-1

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	Court cases pending if any	NO
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

DECISION OF SEAC

The proposal has been already recommended by SEAC in its 125th meeting held on 12th and 13th April, 2016.

PP requested to delist the same from SEAC, hence SEAC decided to delist the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Expansion of sugar unit from 2500 to 7500 TCD & Proposed 32 MW cogen Unit

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Jarandeshwar Sugar Mills Pvt. Ltd
2.Type of institution	Private
3.Name of Project Proponent	Mr. Prasad Rakshe
4.Name of Consultant	Mantras Green Resources Limited,Nashik
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of existing sugar unit & Proposed Cogen plant
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No. 30, at post Chimangaon
9.Taluka	Koregaon
10.Village	Chimangaon
11.Area of the project	No
12.IOD/IOA/Concession/Plan Approval Number	No
	IOD/IOA/Concession/Plan Approval Number: No
	Approved Built-up Area: 25855.81
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	749166.80
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	2468530000

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)	Not Applicable

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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	sugar	2500	7500	100000
2	cogen unit	0	32 MW	32 MW

32.Total Water Requirement

Dry season:	**Source of water**	TAILGANGA River
	Fresh water (CMD):	3000 KLPD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	3000 KLPD
	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**	TAILGANGA River
	Fresh water (CMD):	TAILGANGA River
	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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	120	120	240	20	20	40	100	100	200
Industrial Process	40	105	145	00	00	00	40	105	145
Cooling tower & thermopack	250	750	1000	200	600	800	50	150	200
Fresh water requirement	20	420	440	10	250	260	10	170	180

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Not applicable
	Size and no of RWH tank(s) and Quantity:	1
	Location of the RWH tank(s):	North - East
	Quantity of recharge pits:	will be approved
	Size of recharge pits :	120M*100M*3M
	Budgetary allocation (Capital cost) :	1.5 Cr.
	Budgetary allocation (O & M cost) :	will be approved
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	60 KLD
	STP technology:	latest technology
	Capacity of STP (CMD):	1
	Location & area of the STP:	Premises
	Budgetary allocation (Capital cost):	NO
	Budgetary allocation (O & M cost):	NO

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	No
	Disposal of the construction waste debris:	No
Waste generation in the operation Phase:	**Dry waste:**	Press Mud,Fly ash and bottom ash
	Wet waste:	Sludge from DM Plant, Sludge from ETP,
	Hazardous waste:	No
	Biomedical waste (If applicable):	No
	STP Sludge (Dry sludge):	Sludge from STP
	Others if any:	Not applicable

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Mode of Disposal of waste:	**Dry waste:**	Used as Manure & Brick manufacturers
	Wet waste:	Gardening , plantation and flushing
	Hazardous waste:	No any type hazardous waste generating in this unit
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure & Brick manufacturers
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	NO
	Area for the storage of waste & other material:	NO
	Area for machinery:	NO
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	30.00
	O & M cost:	7.66

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	Not Applicable	4.5 to 8.5	6.5 to 8.5	5.5 to 9.0
2	Oil & Grease	mg/litre	20 to 50	less than 10	10
3	COD	mg/litre	4000 to 5000	less than 250	250
4	BOD	mg/litre	3000 to 3500	less than 100	100
5	TSS	mg/litre	500	= 100	100

Amount of effluent generation (CMD):	1000
Capacity of the ETP:	1 MLD
Amount of treated effluent recycled :	95%
Amount of water send to the CETP:	No
Membership of CETP (if require):	No
Note on ETP technology to be used	UASB technology
Disposal of the ETP sludge	Sludge from ETP used as manure as per the direction of MSPCB

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	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	Sugar	Bagasse	1	52	3.5m	150 degree c
2	Cogen	Bagasse	1	82	4.5m	150 degree c

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Bagasse	600 MT/day	1632 MT/day	2232MT/day

41.Source of Fuel	Own Sugar Unit
42.Mode of Transportation of fuel to site	By truck

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43.Green Belt Development	**Total RG area :**	572561 m2
	No of trees to be cut :	No
	Number of trees to be planted :	1155
	List of proposed native trees :	Aam, Ashoka, Bel, Gulmohor, Shisham,Siris,silveroak,Neem,Ficus.
	Timeline for completion of plantation :	plant commissioning

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	Albizia lebbeck	Shiris	120	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	130	Large tree, good for roadside plantation
3	Saraca asoka	Sita Ashok	130	Shady tree with red-yellow flowers.
4	Ficus	Nandruk	100	Medium sized evergreen tree, Shady tree.
5	Grevillea robusta	silveroak	122	ornamental plant, Windbreak, gum resin,
6	Mangifera indica	Aam	153	Evergreen and erect growing, Anti inflammatory, Anti viral, Anti oxidant, Hepatoprotective
7	Aegle marmelos	Bel	150	Deciduous and aromatic tree with long, strong and axillary spines, Antidiarrheal, Anti dermatitis
8	Delonix regia	Gulmohor	150	Antibacterial, Antioxidant, shade tree
9	Dalbergia sissoo	Shisham	100	Timber tree , abortifacient, anthelmintic, antipyretic, aphrodisiac, expectorant and refrigerant properties.
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

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Power requirement:	**Source of power supply :**	MSEB
	During Construction Phase: (Demand Load)	NO
	DG set as Power back-up during construction phase	1000 KVA
	During Operation phase (Connected load):	10MW
	During Operation phase (Demand load):	1000 KVA
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	1000 KVA
	Fuel used:	HSD
	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
Air pollution are: Boiler, Stack emissions, DG set emissions, vehicular movement.	Electrostatic Precipitator (ESP) of 99.9% efficiency	Electrostatic Precipitator (ESP) of 99.9%
Boiler	Flue gas cyclone, filter bags/ESP/wet scrubbers	Periodic monitoring of stack and ambient air quality to keep a check on pollution parameters as per the directives of MSPCB
Water Pollution - Sugar Mill	ETP	STP
noise pollution due to presence of centrifugal pumps, motors, DG sets, EOT Crane	green belt (33%)	There should be provision of acoustic enclosure to DG sets

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	983.34 lakhs
	O & M cost:	154.63 lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)

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1	No	No	No

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 equipments	Pollution Control Equipment for air pollution control measures	49.00	16.50
2	Chimney	Stack for air pollution control	25.63	4.00
3	Ash collection system	Proper collection and disposal of ash or dry waste	8.75	2.45
4	Water pollution control treatment	Water treatment plants ETP & STP	100.00	14.00
5	Noise Pollution control	Control measures for noise pollution	6.15	2.34
6	Solid waste Management	solid waste disposal and management in the form of manure and brick manufacturing	30.00	7.66
7	Occupational health	Safety measures in respect to health facilities will be provided to workers	12.85	4.80
8	Safety Management	Safety of workers will be monitored regularly and measures will be taken for the same	18.22	4.90
9	Development of green belt	Plantation of various native and other species developing the greenbelt area in 33% of total area	28.95	1.00
10	Maintenance of pollution control devices	Pollution control devices will be maintained properly	86.66	46.48
11	Expenses of CSR activities	CSR activities includes Education Development, Health management, rural road development, rainwater harvesting, organic farming & plantation	617.13	50.50
12	Total	Total	983.34	154.63

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

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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	No any protected areas
	Category as per schedule of EIA Notification sheet	5 (j) & 1(d)
	Court cases pending if any	No
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-03-2017

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(j)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF& CC published in April, 2015.

DECISION OF SEAC

During discussion it was observed that PP has applied for total crushing capacity of 10000 TCD but in the above information at some points they have mentioned it as 7500 TCD which results in the contradiction and confusion in the information submitted. PP requested to reject this proposal and they will submit a fresh proposal.

In view of above SEAC decided to reject the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal for rejection subject to above reasons.

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Garga Medium Project

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Garga Medium Project
2.Type of institution	Government
3.Name of Project Proponent	Water Resources Dept.
4.Name of Consultant	Mitcon Consultancy Pune
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	NA
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	87,89
9.Taluka	Dharni
10.Village	Mansu Dhawadi
11.Area of the project	other area
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: VIDC/TS-4/5172/Garga M.P./AA/(64/2008)/2008 Dt.14/11/2008
	Approved Built-up Area: 4281
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18.Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): NA
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	1400024000

22.Number of buildings & its configuration

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

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28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
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	NA	NA	NA	NA

32.Total Water Requirement

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

33.Details of Total water consumed

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

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA
34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	NA							
	Size and no of RWH tank(s) and Quantity:	NA							
	Location of the RWH tank(s):	NA							
	Quantity of recharge pits:	NA							
	Size of recharge pits :	NA							
	Budgetary allocation (Capital cost) :	NA							
	Budgetary allocation (O & M cost) :	NA							
	Details of UGT tanks if any :	NA							
35.Storm water drainage	**Natural water drainage pattern:**	NA							
	Quantity of storm water:	NA							
	Size of SWD:	NA							
Sewage and Waste water	**Sewage generation in KLD:**	NA							
	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:**	NA							
	Disposal of the construction waste debris:	NA							
Waste generation in the operation Phase:	**Dry waste:**	NA							
	Wet waste:	NA							
	Hazardous waste:	NA							
	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	NA							
	Others if any:	NA							

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Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA

Amount of effluent generation (CMD):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	NA	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA

41.Source of Fuel	NA
42.Mode of Transportation of fuel to site	NA

43.Green Belt Development	**Total RG area :**	181 ha.
	No of trees to be cut :	300
	Number of trees to be planted :	500
	List of proposed native trees :	Nimb, Chinch, Jambhul, Shisav
	Timeline for completion of plantation :	After copmplition of dam & canal

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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	Tamarindus indica ,Syzygium cumini	Chinch, Jambul	500	Spreding, Slow & Medium Growth
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	Natural Grass	2.0x2.0 m	181 Ha

47.Energy

Power requirement:	Source of power supply :	Electric
	During Construction Phase: (Demand Load)	III Phase
	DG set as Power back-up during construction phase	DG Set
	During Operation phase (Connected load):	III Phase
	During Operation phase (Demand load):	240 Volt
	Transformer:	33 KVA
	DG set as Power back-up during operation phase:	DG set
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

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
NA	NA	NA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1400024000
	O & M cost:	24.414

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	24.414

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	NA	NA	24.414	4.88 lakh

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

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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:	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):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	10 km Away from wildlife buffer zone
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance. Earlier SEAC considered the proposal in their 116th meeting and identified a violation. Environment Department conducted hearing of the PP and directed to file a case against PP. A criminal case No. 55/2017 has been filed against PP by Maharashtra Pollution Control Board on 21.04.2017.

DECISION OF SEAC

SEAC-AGENDA-000000006

SEAC deliberated the issue with PP at length. SEAC also went through the Notification dated 16.03.2017 issued by MoEF&CC regarding procedure to be followed in case of violation cases. It mentions as below'

Para 13(4)

"The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law."

Para 14

"The projects or activities which are in violation as on date of this notification only will be eligible to apply for environmental clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from the date of this notification."

In view of above, SEAC advised PP to apply to the MoEF&CC as per Notification dated 16.03.2017 and decided to refer the proposal to SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Garga Medium Project Tq Dharni Dist Amravati

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Garga Medium Project
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer Amravati Medium Project
4.Name of Consultant	Mitcon Consultancy Pune
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	NA
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	87,89
9.Taluka	DHARNI
10.Village	MANSUDHAWDI
11.Area of the project	NA
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: VIDC/TS-4/5172/GARGA M.P/AA/(64/2008)/2008 dated14.11.2008
	Approved Built-up Area: 201
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	1400024000

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
2	Not applicable	Not applicable	Not applicable
3	Not applicable	Not applicable	Not applicable
4	Not applicable	Not applicable	Not applicable
5	Not applicable	Not applicable	Not applicable
6	Not applicable	Not applicable	Not applicable
7	Not applicable	Not applicable	Not applicable
8	Not applicable	Not applicable	Not applicable
9	Not applicable	Not applicable	Not applicable
10	Not applicable	Not applicable	Not applicable
11	Not applicable	Not applicable	Not applicable
12	Not applicable	Not applicable	Not applicable
13	Not applicable	Not applicable	Not applicable
14	Not applicable	Not applicable	Not applicable
15	Not applicable	Not applicable	Not applicable

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16	Not applicable	Not applicable	Not applicable
17	Not applicable	Not applicable	Not applicable
18	Not applicable	Not applicable	Not applicable
19	Not applicable	Not applicable	Not applicable
20	Not applicable	Not applicable	Not applicable
21	Not applicable	Not applicable	Not applicable
22	Not applicable	Not applicable	Not applicable
23	Not applicable	Not applicable	Not applicable
24	Not applicable	Not applicable	Not applicable
25	Not applicable	Not applicable	Not applicable
26	Not applicable	Not applicable	Not applicable
27	Not applicable	Not applicable	Not applicable
28	Not applicable	Not applicable	Not applicable
29	Not applicable	Not applicable	Not applicable
30	Not applicable	Not applicable	Not applicable
31	Not applicable	Not applicable	Not applicable
32	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)	NA
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	NA	NA	NA	NA

32.Total Water Requirement

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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	NA	NA	NA	NA	NA	NA	NA	NA	NA

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34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	8-10m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	NA
	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:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

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Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA

Amount of effluent generation (CMD):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	NA	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA

41.Source of Fuel	NA
42.Mode of Transportation of fuel to site	NA

43.Green Belt Development	**Total RG area :**	181Ha
	No of trees to be cut :	1093
	Number of trees to be planted :	4500
	List of proposed native trees :	Nimb(Azadirachta),Kanchan(Bauhinia veg.) Shisav(Dalbergia Sissoo)
	Timeline for completion of plantation :	3 yrs

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	Tamaradius Indica	Chinch	500	ENV CLEARANT
2	Syzygium cumini	Jambhul	500	ENV CLEARANT
45.Total quantity of plants on ground				

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

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Serial Number	Name	C/C Distance	Area m2
1	Natural Grass	2 x 2	181

47.Energy

Power requirement:	**Source of power supply :**	Eletric
	During Construction Phase: (Demand Load)	240KVA Three Phase
	DG set as Power back-up during construction phase	240KVA
	During Operation phase (Connected load):	240KVA
	During Operation phase (Demand load):	240KVA
	Transformer:	1
	DG set as Power back-up during operation phase:	1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

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
NA	NA	NA

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	24.00lakh
	O & M cost:	16 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	PER YEAR	lakh	4.8

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	NA	NA	NA	NA

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

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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):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	ABOVE 10 KM
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance. Earlier SEAC considered the proposal in their 116th meeting and identified a violation. Environment Department conducted hearing of the PP and directed to file a case against PP. A criminal case No. 55/2017 has been filed against PP by Maharashtra Pollution Control Board on 21.04.2017.

DECISION OF SEAC

SEAC AGENDA-0000000006

SEAC deliberated the issue with PP at length. SEAC also went through the Notification dated 16.03.2017 issued by MoEF&CC regarding procedure to be followed in case of violation cases. It mentions as below'

Para 13(4)

"The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law."

Para 14

"The projects or activities which are in violation as on date of this notification only will be eligible to apply for environmental clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from the date of this notification."

In view of above, SEAC advised PP to apply to the MoEF as per Notification dated 16.03.2017 and decided to refer the proposal to SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

SEAC-AGENDA-0000000000

SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Bordi Nalla Medium Irrigation Project

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Bordi Nalla Medium Irrigation Project Ta Chandur Bajaar Dist Amravati
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer Irrigation Project and Water Resources Investigation Division Amravati
4.Name of Consultant	NEERI Nagpur
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Mouja Kondwardha and Borgaon Mohna
9.Taluka	Chandur Bajaar
10.Village	Amravati
11.Area of the project	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: Enter Details
	Approved Built-up Area: 0.00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	100

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)	NA

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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	Not applicable	Not applicable	Not applicable	Not applicable

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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA
34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Not applicable							
	Size and no of RWH tank(s) and Quantity:	Not applicable							
	Location of the RWH tank(s):	Not applicable							
	Quantity of recharge pits:	Not applicable							
	Size of recharge pits :	Not applicable							
	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:**	Not applicable							
	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:**	Not applicable							
	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							

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Mode of Disposal of waste:	**Dry waste:**	Not applicable
	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	Not applicable	Not applicable	Not applicable	Not applicable	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

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43.Green Belt Development	**Total RG area :**	Not applicable
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	Not applicable
	List of proposed native trees :	Not applicable
	Timeline for completion of plantation :	Not applicable

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	Not applicable	Not applicable	Not applicable	Not applicable
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 applicableNot applicable

47.Energy

Power requirement:	**Source of power supply :**	Not applicable
	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):

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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Health Management Plan	Medical Facilities	16.51
2	Bio Diversity Conservation Plan	Bio Diversity Conservati	15.00
3	Fisheries Development and Management Plan	Fisheries Development	0.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Afforestation	Afforestation	0.76	0.76
2	Engineering Measures	Engineering Measures	14.70	

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	Not applicable
	Category as per schedule of EIA Notification sheet	Category B

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	Court cases pending if any	Not applicable
	Other Relevant Informations	The ICA (Irrigation Command Area) of the project is 4126 ha and falls in themedium category. It is proposed to irrigate 489 ha by lift irrigation system and 3637 ha byflow canal. The area under submergence would be 627.16 ha which constitutes 588.59 ha ofprivate land, 12.72 ha of forest land and 25.85 ha of Govt. land.It is proposed to divert the river Megha into the Bordi Nalla with the help of intakestructure at village Pala, using a feeder canal upto the origin of Bordi Nalla. Bordi Nalla isproposed to carry 21.049 Mm3 of flood water into the Bordi dam. An earthen dam of lengthExecutive Summary(ii)1620 m and height of 17.97 m is proposed across the Bordi Nalla. The dam will have sidegated spillway of size 8m x 2m to pass the designed flood of 1325.76 cumec. It is proposedto lift the stored water in Bordi Dam into the balancing tank of 5.914 Mm3 store capacity.Farmers from the village Kondwardha and Inyatpur will lift the water from barrage to irrigate489 ha area. In this scheme 2.631 Mm3 of water is reserved for the drinking water purpose.Submergence under the Bordi main Dam is 273.05 ha and it includes 12.72 ha of forestarea.The storage capacity of dam is as follows:(a) Dead Storage : 1.048 Mm3(b) Live Storage : 17.446 Mm3(c) Gross Storage at F.R.L. : 18.494 Mm3
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance. Earlier SEAC considered the proposal in their 56th ,114th meeting and identified a violation. Environment Department conducted hearing on 29.03.2016.

DECISION OF SEAC

SEAC deliberated the issue with PP at length. SEAC also went through the Notification dated 16.03.2017 issued by MoEF&CC regarding procedure to be followed in case of violation cases. It mentions as below'

Para 13(4)

"The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law."

Para 14

"The projects or activities which are in violation as on date of this notification only will be eligible to apply for environmental clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from the date of this notification."

In view of above, SEAC advised PP to apply to the MoEF as per Notification dated 16.03.2017 and decided to refer the proposal to SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Uma Barrage Project

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Uma Barrage Project
2.Type of institution	Government
3.Name of Project Proponent	Water Resourcec Department
4.Name of Consultant	NEERI Nagpur
5.Type of project	Irrigation Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Across River Uma Near Village Borta
9.Taluka	Murtizapur
10.Village	Borta
11.Area of the project	Other
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	2372300000

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
2	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)	5.00 M

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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	Dam / Barrage	0.00	20.79 McuM	20.79 MCuM

32.Total Water Requirement

Dry season:	**Source of water**	River
	Fresh water (CMD):	51
	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**	River
	Fresh water (CMD):	51
	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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	51	51	51	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Not applicable
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	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:**	Not Applicable
	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:**	Not applicable
	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

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Mode of Disposal of waste:	**Dry waste:**	Not applicable
	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	Not applicable	Not applicable	Not applicable	Not applicable	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	Diesel	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Fuel Station
42.Mode of Transportation of fuel to site	Utility Vehicle

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43.Green Belt Development	**Total RG area :**	4.18 Ha
	No of trees to be cut :	96
	Number of trees to be planted :	200
	List of proposed native trees :	Azadirachta Indica
	Timeline for completion of plantation :	2020

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	Azadirachta Indica	Neem	50	Medicinal Plant
2	Albizia lebbeck	Siras	130	Ecological
3	Mangifera indica	Aam	20	Fruit
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 :**	Diesel Gnerator Set
	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:	Diesel
	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

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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	Rs. 10.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Not applicable	Not applicable	Not applicable	Not applicable

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	Not applicable
	Category as per schedule of EIA Notification sheet	Not applicable
	Court cases pending if any	Not applicable

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	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance. Earlier SEAC considered the proposal in their 116th meeting and identified a violation. Environment Department conducted hearing.

DECISION OF SEAC

SEAC deliberated the issue with PP at length. SEAC also went through the Notification dated 16.03.2017 issued by MoEF&CC regarding procedure to be followed in case of violation cases. It mentions as below'

Para 13(4)

"The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law."

Para 14

"The projects or activities which are in violation as on date of this notification only will be eligible to apply for environmental clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from the date of this notification."

In view of above, SEAC advised PP to apply to the MoEF as per Notification dated 16.03.2017 and decided to refer the proposal to SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

SEAC-AGENDA-0000008906

Subject: Environment Clearance for Wasani Medium Project TQ. Achalpur Dis. Amravati state Maharashtra

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Wasani Medium Project
2.Type of institution	Government
3.Name of Project Proponent	Wasani Medium Project
4.Name of Consultant	NA
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	132
9.Taluka	Achalpur
10.Village	Wasani
11.Area of the project	Gram Panchayat
12.IOD/IOA/Concession/Plan Approval Number	Na
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 5320
13.Note on the initiated work (If applicable)	Na
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Na
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18.Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): NA
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	1978250000

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)	NA

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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	Na	Na	Na	Na

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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Na	Na	Na	Na	Na	Na	Na	Na	Na

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Na
	Size and no of RWH tank(s) and Quantity:	Na
	Location of the RWH tank(s):	Na
	Quantity of recharge pits:	Na
	Size of recharge pits :	Na
	Budgetary allocation (Capital cost) :	Na
	Budgetary allocation (O & M cost) :	Na
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Na
	Quantity of storm water:	Na
	Size of SWD:	Na
Sewage and Waste water	**Sewage generation in KLD:**	Na
	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:**	Na
	Disposal of the construction waste debris:	Na
Waste generation in the operation Phase:	**Dry waste:**	Na
	Wet waste:	Na
	Hazardous waste:	Na
	Biomedical waste (If applicable):	Na
	STP Sludge (Dry sludge):	Na
	Others if any:	Na

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Mode of Disposal of waste:	**Dry waste:**	Na
	Wet waste:	Na
	Hazardous waste:	Na
	Biomedical waste (If applicable):	Na
	STP Sludge (Dry sludge):	Na
	Others if any:	Na
Area requirement:	**Location(s):**	Na
	Area for the storage of waste & other material:	Na
	Area for machinery:	Na
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Na
	O & M cost:	Na

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Na	Na	Na	Na	Na

Amount of effluent generation (CMD):	Na
Capacity of the ETP:	Na
Amount of treated effluent recycled :	Na
Amount of water send to the CETP:	Na
Membership of CETP (if require):	Na
Note on ETP technology to be used	Na
Disposal of the ETP sludge	Na

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Na	Na	Na	Na	Na	Na	Na

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	Na	Na	Na	Na	Na	Na

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Na	Na	Na	Na

41.Source of Fuel	Na
42.Mode of Transportation of fuel to site	Na

43.Green Belt Development	**Total RG area :**	55 ha at foot of dam & along the canal
	No of trees to be cut :	891
	Number of trees to be planted :	25000
	List of proposed native trees :	Nimb, Kanchan, shisav, shiras, babul, dharang, Chinch, glircidia, cassia
	Timeline for completion of plantation :	3 years

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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	Azadirachta Indica	Nimb	9000	Na
2	Bauhinia variegata	Kanchan	2000	Na
3	Dalbergi	Shisav	2000	Na
4	Albizzia	Shiras	2000	Na
5	Accacia	Babul	2000	Na
6	Ponamia	Dharang	2000	Na
7	Tamarindus indica	Chinch	2000	Na
8	Glircidia maculata	Glircidia	2000	Na
9	Cassia siamea	Cassia	2000	Na
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
	During Construction Phase: (Demand Load)	Generator
	DG set as Power back-up during construction phase	Prime source
	During Operation phase (Connected load):	III Phase
	During Operation phase (Demand load):	240 volts
	Transformer:	33 KV
	DG set as Power back-up during operation phase:	1
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

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
NA	NA	na

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1978250000
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Na	Na	Na	Na

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:	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):	Na
	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	Na
	Other Relevant Informations	NA

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

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance. Earlier SEAC considered the proposal in their 115th meeting and identified a violation. Environment Department conducted hearing. A criminal case has been filed against the PP vide No. 56/2017 on 21.04.2017

DECISION OF SEAC

SEAC deliberated the issue with PP at length. SEAC also went through the Notification dated 16.03.2017 issued by MoEF&CC regarding procedure to be followed in case of violation cases. It mentions as below'

Para 13(4)

"The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law."

Para 14

"The projects or activities which are in violation as on date of this notification only will be eligible to apply for environmental clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from the date of this notification."

In view of above, SEAC advised PP to apply to the MoEF as per Notification dated 16.03.2017 and decided to refer the proposal to SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

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SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Proposed Expansion of Synthetic Organics industrial project at Plot No. 3-C, Taloja MIDC, Tal. Panvel, Dist. Raigad

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Proposed Expansion of Synthetic Organics industrial project at Plot No. 3-C, Taloja MIDC, Tal. Panvel, Dist. Raigad
2.Type of institution	Private
3.Name of Project Proponent	Purushotham P. Agarwal
4.Name of Consultant	Mantras Green Resources Limited
5.Type of project	Industrial Expansion Project
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	Existing Project is prior to EIA notification hence no Environment Clearance is obtained for existing project.
8.Location of the project	Plot No. 3-C, Taloja MIDC, Tal. Panvel, Dist. Raigad
9.Taluka	Panvel
10.Village	Padghe
11.Area of the project	MIDC area
12.IOD/IOA/Concession/Plan Approval Number	Approval from MIDC is obtained for plant layout
	IOD/IOA/Concession/Plan Approval Number: CCPL MIDC agreement No. 6.11.2001 and Plan Approval as per letter no. EE/TLJ/Camp/201 dated 16.2.2004
	Approved Built-up Area: 8400.15
13.Note on the initiated work (If applicable)	Existing Factory production is in process
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	14155.05
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 12121.75
	b) Non FSI area (sq. m.): 2033.3
	c) Total BUA area (sq. m.): 11400
19.Total ground coverage (m2)	3987.88
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.34
21.Estimated cost of the project	400937000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	FINISHED PRODUCT GODOWN	Ground Floor + first +second Floor	12.00
2	RAW MATERIAL GODOWN	Ground Floor + mezzanine	10.00
3	T.C.C. PLANT	Ground Floor + First	10.00
4	P - 5 PLANT	Ground Floor + first +second Floor	15.0
5	OFFICE & R & D CENTRE - III FL.	Ground Floor + first +second Floor	15.0
6	FMCG & PHARMA PLANT	Ground Floor + first +second Floor	15.0
7	UTILITY BUIDING	Ground Floor + mezzanine	8.00

23.Number of tenants and shops	Staff : Existing : 90 nos., Proposed: 20 nos. Skilled : Existing : 77 Nos. , Proposed : 30 Nos. unskilled : Existing : 14 Nos.

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24.Number of expected residents / users	50 Nos. (Skilled : 30 and Staff: 20)
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)	10.0 meter Wide and Approach road 24.0 mt and 12.0 mt. wide
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0 meter
29.Existing structure (s) if any	Yes. 8400 .15 sq.mt BUA structure of Existing factory unit will be retained.
30.Details of the demolition with disposal (If applicable)	No demolition proposed

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Trichlorocarbanilde (TCC)	600	720	1320
2	Butyl methoxydibenzoyl methane (Chem 1789)	360	480	840
3	Octylmethoxycinnamate (OMCX)	240	660	900
4	2- Phenyl benzimidazole sulfonic acid (2 -HS)	72	168	240
5	Octylsalisilate(O.S)	0	960	960
6	Trimethylcyclohexyl 2-hydroxybenzoate (HMS)	0	720	720
7	Octocrylene(OCR)	0	300	300
8	Tri- phenyl TetrazoylBromoByphenyl (TTBB)	72	120	192
9	n-butyl (spiro-HCl)	0	96	96
10	4 Bromo methyl -2 - cynabifihennyl (Bromo OTBN)	60	60	120
11	2-Butyl-4-Chloro-5- Formyl Imidazole (BCFI)	72	12	84
12	4-bromo methyl biphenyl -2-carboxylicacid methyl ester (Bromo Ester)	0	24	24
13	4- Methyl biphenyl -2-carboxylicacid methyl ester (Methyl Ester)	0	24	24
14	(IR CNBP) 4â??-[(2-Butyl-4-oxo-1,3-diazaspiro [4,4]non-1-en-3-yl)-methyl] biphenyl-2- Carbonitrile	0	12	12
15	(L.ACID) Dimethyl- methoxy carbonyl â?? 3- Nitrophenyl -1,4 (L ACID)	0	24	24
16	(LVME) - L-Valine Methyl Ester Hydrochloride. (LVME)	0	60	60
17	Ethyl 4-(1-hydroxy-1-methylethyl)-2-propyl-imidazole-5-carboxylate (4- Hydroxy)	0	12	12
18	4-[[4,6-bis[[4-(2-ethylhexoxy-oxomethyl)phenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid 2-ethylhexyl ester (Ethyl hexyl Triazone / EHT)	0	84	84
19	4,4'-[[6-[[4-[[(1,1-dimethylethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazine-2,4-diyl]diimino]bis-, bis(2-ethylhexyl)benzoate (DiethylexylButamidoTrazone/ DHBT)	0	72	72
20	2,2â?²-[6-(4-methoxyphenyl)- 1,3,5-triazine-2,4-diyl] bis{5-[(2-ethylhexyl)oxy]phenol} (TINOSORB S)	0	24	24
21	2,2â?²-methanediylbis[6-(2H-benzotriazol-2-yl)-4-(2,4,4-trimethylpentan-2-yl)phenol] (TINOSORB M)	0	24	24

32.Total Water Requirement

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Dry season:	**Source of water**	MIDC water Supply + Treated Domestic Sewage
	Fresh water (CMD):	250
	Recycled water - Flushing (CMD):	85 (Boiler+Cooling tower+Domestic+Green belt
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	335
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	Existing 66 KLD to CETP and from Proposed project 49 KLD will be treated in RO and MEE for Zero discharge
Wet season:	**Source of water**	MIDC water Supply + Treated Domestic Sewage
	Fresh water (CMD):	230
	Recycled water - Flushing (CMD):	50
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	280
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	Nil
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	20	10	30	2	1	3	18	9	27
Industrial Process	70	35	105	10	5	15	60	30	90
Cooling tower & thermopack	40	55	95	34	36	70	6	19	25
Gardening	10	10	20	10	10	20	0	0	0
Fresh water requirement	140	110	250	56	52	108	84	58	142

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34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Post monsoon 2 m to 6 m (Pre monsoon level)
	Size and no of RWH tank(s) and Quantity:	Existing tank: 13 m X 3.75 m X 3 m= 146 CUM & Proposed tank: 15.9 m X 3.75 m X 3m= 178.9 CUM
	Location of the RWH tank(s):	Underground Tank
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs. 1.46 lacs
	Budgetary allocation (O & M cost) :	Rs. 30,000/-
	Details of UGT tanks if any :	U.G Tank: Ground (sq. m): 108.375 Existing (Sq. m): 9.75
35.Storm water drainage	**Natural water drainage pattern:**	The industry is located in Taloja MIDC area where all the facilities are made available by MIDC. The land is having gentle slope.
	Quantity of storm water:	0.21 cum/sec
	Size of SWD:	0.3 m X 0.3 m
Sewage and Waste water	**Sewage generation in KLD:**	27
	STP technology:	Conventional
	Capacity of STP (CMD):	1 STP of 30 KLD capacity
	Location & area of the STP:	On ground near ETP
	Budgetary allocation (Capital cost):	25.0 Lakhs
	Budgetary allocation (O & M cost):	3.0 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Preconstruction debris is Nil as existing structure will be retained
	Disposal of the construction waste debris:	At authorized site through appointed contractors
Waste generation in the operation Phase:	**Dry waste:**	Existing : 38.01 kg/day, Proposed : 10.5 kg/day , Total : 48.51 kg /day
	Wet waste:	Existing : 16.29 kg/day, Proposed : 4.5 kg/day , Total : 20.79 kg /day
	Hazardous waste:	Existing : 48 MT/A, Proposed : 17 MT/A, Total :65 MT/A
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	4.5 kg/day
	Others if any:	Not Applicable

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Mode of Disposal of waste:	**Dry waste:**	Will be segregated and handed over the Municipal collection system on regular basis
	Wet waste:	Will be segregated and handed over the Municipal collection system on regular basis
	Hazardous waste:	will be collected in secured area and will be handed over to CHWTSDF at Taloja
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used in garden area as manure
	Others if any:	Not applicable
Area requirement:	**Location(s):**	near ETP plant
	Area for the storage of waste & other material:	Hazardous waste storage - total 100 m2
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	18.75 lakhs
	O & M cost:	4.00 lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	2 To 10	7 to 8	6 to 8.5
2	COD	mg/lt	4200	184 to 200	< 250
3	Oil & Grease	mg/lt	8.0	1.0	< 10
4	BOD	mg/lt	1562	68	< 100
5	Total Dissolved solid	mg/lt	1376	630	< 2100
6	Suspended solid	mg/lt	260	56	< 100
7	Zinc	mg/lt	2.5	1.3	< 5
8	Chloride	mg/lt	382	82.8	<600
9	% Sodium	%	86.2	15.5	< 60 %

Amount of effluent generation (CMD):	Existing : 66 CMD, Proposed: 49 CMD, Total : 115 CMD
Capacity of the ETP:	Upgraded to 150 CMD capacity
Amount of treated effluent recycled :	70 CMD
Amount of water send to the CETP:	66 CMD ie. Existing Effluent will be given to CETP as per Membership taken
Membership of CETP (if require):	Yes upto 66 CMD Effluent disposal is allowed.
Note on ETP technology to be used	Existing ETP will be upgraded The expanded load of 49 KLD will be treated further in Reverse osmosis system and reused for Cooling Tower make up water. RO reject water will be treated in MEE (Multiple Effect Evaporator) system and it is proposed to use maximum effluent after due treatment.
Disposal of the ETP sludge	will be given for disposal to CHWTSDF at Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Discarded containers/barrels/liners	33.3	MT/A	4.0	2.0	6.0	Contaminated barrels are reused for production and packing of segregated Raw material and finish goods. Discarded plastic liners are used for ETP sludge filling and disposed in CHWTSDF

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2	Chemical sludge from waste water treatment	34.3	MT/A	36	11	47	The 34.3 cat. Waste generation is reduced after using of Caustic Solution instead of Lime, so sludge generation is less. It is disposed in CHWTSDF.
3	Spent Carbons	35.3	MT/A	4.0	2.0	6.0	Spent carbon which is generated in filtration process which comes under Hz waste cat. No. 35.3 is disposed in CHWTSDF.
4	Contaminated aromatic, aliphatic or Naphthenic solvents.	20.1	MT/A	0	0	0	All contaminated solvents are recovered by distillations process and reused for further production process inside the Plant.
5	Distillation residues.	20.3	MT/A	4.0	2.0	6.0	It is disposed in 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	Existing Boilers	HSD:100 LPD, Fuel Oil 270 LPD, Biomass:15 TPD	1	38	1	101 degree celcius
2	Proposed Boiler	HSD: 15 LPD, Coal : 13 TPD	1	38	1	101 degree Celcius

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Fuel Oil	270 LPD.	0	270 LPD
2	HSD	100 LPD	15 LPD	115 LPD
3	Biomass	15 TPD	0	15 TPD
4	Coal	0	13 TPD	13 TPD
41.Source of Fuel		Indonesian coal		
42.Mode of Transportation of fuel to site		Road Transport		

43.Green Belt Development

Total RG area :	1,123 sq.mt
No of trees to be cut :	Nil
Number of trees to be planted :	102
List of proposed native trees :	102
Timeline for completion of plantation :	2 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	Coconut Palm Cocos nucifera	Coconut	9	Kalpavriksha, Ornamental Tree
2	Mangifera Indica	Mango	12	Fruit bearing tree, attracts birds
3	Saraca asoca	Ashok	19	Evergreen tree
4	Delonix regia Rafin	Gulmohar	9	Flowering plant
5	Prunus dulcis	Almond	10	Edible

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6	Nyctanthes arbor-tritis	Parijatak	9	Flowers scented, small and attractive blooms in night. -Tree is large shrub & provides good shade.
7	Michelia champaca	Champa	8	Evergreen tree, Flowering and ornamental
8	Mimusops elengi	Bakul	7	Dense canopy provides cool shade. -sacred tree among hindus.
9	Azadiracta indica	Neem	9	Fast growing tree grows up to 15-20 m height -Neem having antibacterial and antifungal activities -Used to control pests.
10	Archontophoenix cunninghamiana	Palm Trees	10	Cold & Water resistant, Good quality fertilizer
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 :**	MSEDCL
	During Construction Phase: (Demand Load)	20 KW
	DG set as Power back-up during construction phase	Nil
	During Operation phase (Connected load):	Existing DG: 750 KVA Proposed DG: 500 KVA
	During Operation phase (Demand load):	Existing power requirement: Connected Load: 1365 KW Maximum demand:862 KVA â?¢ Proposed power requirement: Connected Load: 130 KW Maximum demand: 96 KVA
	Transformer:	Feeder voltage: 22 KV
	DG set as Power back-up during operation phase:	Existing DG: 750 KVA Proposed DG: 500 KVA
	Fuel used:	LSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

Energy Efficient motors will be used.
Energy efficient equipments/ BEE Star rated equipments
Energy efficient Boiler
LED in all offices
Energy efficient lighting in whole industrial campus.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	All above Energy saving features	12% of total energy demand

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution by use of Fuel in Boiler and DG set	Wet Scrubber	Fuel is changed from FO to Coal

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Water Pollution due to domestic and industrial effluent	ETP for 66 KLD effluent only	ETP up-gradation and RO and MEE proposed for zero discharge of excess effluent generated through expansion
Noise Pollution due to machinery, DG and operational process	Nil	102 nos. of Big Trees all around acting as noise barrier and PPE to workers
Solid Waste due to Hazardous and Domestic waste	Disposal to CHWTSDF	Disposal to CHWTSDF will continue along with segregation of domestic waste into Dry and wet waste

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	25.0
	O & M cost:	8.0

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, Water, Noise, Solid waste , Occupational Health monitoring and management	Air, Water, Noise, Soil and workplace monitoring on monthly basis	36.0 lacs

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	Wet scrubber, Bag Filters	8.0	2.52
2	Water Pollution Control	ETP and STP	80.0	37.50
3	Noise Pollution Control	PPE to workers	2.0	0.22
4	Solid waste management	CHWTSDF	Nil	18.75
5	Environment Monitoring	Monitoring of Air, Noise, Soil and work place monitoring	Nil Private lab will be hired. No in house set up is proposed	8.82
6	Occupational Health	Doctor's visit and Health check up camps	5.0	0.85
7	Green Belt	Plantation of trees in Green belt area proposed	5.0	0.70
8	Others (salary)	Nil	Nil	8.64

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
n- Hexane	-	-	200 Ltr X 15 drums	3 MT	-	Taloja	By road

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52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	MIDC road of 30.0 mt wide and approaching road 12.0 mt and 24.0 mt wide
Parking details:	**Number and area of basement:**	Nil
	Number and area of podia:	Nil
	Total Parking area:	Parking area required (12% of net plot area) ie 1,463.79 sq.mt , Parking area Provided (12% of net plot area) :1,464.65 sq.mt
	Area per car:	Company buses are provided for Staff and only Plant manager and directors will have car parking provision. Two wheeler parking space will be given to some workers. rest parking area will be for trucks loading and unloading purpose
	Area per car:	Company buses are provided for Staff and only Plant manager and directors will have car parking provision. Two wheeler parking space will be given to some workers. rest parking area will be for trucks loading and unloading purpose
	Number of 2-Wheelers as approved by competent authority:	Nil. As MIDC approves the parking space in layout approval of Industry.
	Number of 4-Wheelers as approved by competent authority:	Nil.As MIDC approves the parking space in layout approval of Industry.
	Public Transport:	Private Bus contractor is hired for Bus provision for staff and workers.
	Width of all Internal roads (m):	6.00 mt.
	CRZ/ RRZ clearance obtain, if any:	No. The RRZ policy is cancelled hence kasardi river zone is not applicable.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	19.21 km from Karnala Bird sanctuary.
	Category as per schedule of EIA Notification sheet	5 (f) B
	Court cases pending if any	No
	Other Relevant Informations	This is the expansion project of existing factory in Taloja.TOR presentation in 111th Meeting of SEAC -I as item no. 14 dated 29.9.2015Followed by site visit 9.10.2015EIA presentation in 135th Meeting of SEAC -I as item no.3 dated 21 September 2016Compliance of SEAC -I submitted on 21.10.2016
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	02-09-2015

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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 in the 111th meeting of SEAC and SEAC granted the TOR. A site visit by subcommittee was carried out on 09.10.2015 and the proposal was again considered in the 135th meeting of SEAC. The proposal was deferred by the SEAC it its 135th meeting as PP was not complied with the points of the earlier meeting.

DECISION OF SEAC

In 138th meeting of SEAC, PP presented the compliance of the points raised in the earlier meeting. SEAC observed following points during apprasial,

1.PP has not complied with the point No.3 raised in the meeting that is " Several products are hazardous in nature and may be mutagenic, carcinogenic and teratogenic. Some of these products are banned in some countries. In this context thorough MSDS studies shall be carried out with reference to the following

a.Trichlorocarnilide (TCC)

b.TriphenyltetraezoylBromo Biphenyl (TTBB)

c.4-Bromophenyl 2 – cyanabifihellyl (Bromo OTBN)

d.Trizene group compunds (EHT,DHBT,Tinosorb S, Tinosorb M)

2.PP to achieve MDC solvent recovery up to 99%.

3.PP to rework the water balance calculations and submit detailed plan for disposal of ETP and STP water along with quantities.

4.PP to submit stack height calculation based on SPM contents.

i. PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site.

ii.PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

In view of above SEAC decided to defer the proposal and advised PP to submit adequate compliance of the above points.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for INDUSTRIAL UNIT

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	PROPOSED CLINKER GRINDING UNIT (2 X 2 MTPA) AND DG SET (6.5MW)
2.Type of institution	Private
3.Name of Project Proponent	M/S WONDER CEMENENT LTD.
4.Name of Consultant	M/S ENVIRO TECHNO CONSULT PVT. LTD. NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	NEW PROJECT
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NOT APPLICBLE
8.Location of the project	PLOT NO 04 NARDANA M.I.D.C. AREA
9.Taluka	SHINDKHEDE
10.Village	JATODA
11.Area of the project	M.I.D.C.
12.IOD/IOA/Concession/Plan Approval Number	NOT APPLICABLE
	IOD/IOA/Concession/Plan Approval Number: NOT APPLICABLE
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	M.I.D.C. TRANSFER LETTER NO.100 DATED 11.01.2017
15.Total Plot Area (sq. m.)	44.11 HA
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	6820000000

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	NA
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)	12 METERS

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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	CEMENT	00	333333	333333

32.Total Water Requirement

Dry season:	**Source of water**	M.I.D.C.
	Fresh water (CMD):	513
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	11337
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	30
	Excess treated water	00
Wet season:	**Source of water**	M.I.D.C.
	Fresh water (CMD):	513
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	11337
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

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

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	50	50	00	10	10	00	40	40
Industrial Process	00	220	220	00	220	220	00	00	00
Cooling tower & thermopack	00	11017	11017	00	203	203	00	10814	10814
Gardening	00	20	20	00	20	20	00	00	00
Fresh water requirement	00	513	513	00	00	00	00	00	00
Domestic									

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	12
	Size and no of RWH tank(s) and Quantity:	10mx10x05m
	Location of the RWH tank(s):	SW corner of plot no. 4
	Quantity of recharge pits:	03
	Size of recharge pits :	will be worked out during operations
	Budgetary allocation (Capital cost) :	1000000
	Budgetary allocation (O & M cost) :	125000
	Details of UGT tanks if any :	no UGT proposed
35.Storm water drainage	**Natural water drainage pattern:**	there are no natural drains within project area
	Quantity of storm water:	0.72 cum per sec as per rational method
	Size of SWD:	1 x1x1 cum
Sewage and Waste water	**Sewage generation in KLD:**	40 cum per day
	STP technology:	extended aeration activated sludge system
	Capacity of STP (CMD):	01
	Location & area of the STP:	80 cum/day
	Budgetary allocation (Capital cost):	1200000
	Budgetary allocation (O & M cost):	100000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	soil,debis,iron,packing material such as wood,plastic,thermocol,used oil etc
	Disposal of the construction waste debris:	soil stacked separately will be utilized for plantation, debris will be utilized for land filling, other material willl be disposed categorically as per MPCB norms and will be recorded
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	USED OIL WILL BE STORED AND DISPOSED AS PER MPCB GUIDELINES
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	CANTEEN WASTE 40 KG PER DAY APPROX
	Others if any:	NA

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Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	USED OIL WILL BE STORED AND DISPOSED AS PER MPCB GUIDELINES
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	FOR COMPOSTING AND SOIL CONDITIONING
	Others if any:	NA
Area requirement:	**Location(s):**	CANTEEN FOR SLUDGE,USED OIL STORAGE AREA
	Area for the storage of waste & other material:	5000 SQM
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	100000
	O & M cost:	200000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA

Amount of effluent generation (CMD):	NIL
Capacity of the ETP:	NIL
Amount of treated effluent recycled :	NIL
Amount of water send to the CETP:	NIL
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	USED OIL	5.0	LTR	00	500	500	DISPOSED TO AUTHORIZED VENDORS

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	DG SET	HSD	01	30	1	120
2	BAG FLIETR APPLICATIONS AT 15 SOURCES	NIL	2-16	5-63	0.5-1.5	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	00	300	300

41.Source of Fuel	CAPTIVE DIESEL STATIONS WITHIN PLANT
42.Mode of Transportation of fuel to site	BY TANKER

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43.Green Belt Development	**Total RG area :**	13-14 HA
	No of trees to be cut :	00
	Number of trees to be planted :	1500 PER HA
	List of proposed native trees :	BABOOL, NEEM, MANGO,SISUM,TEMARINE ETC
	Timeline for completion of plantation :	0-5 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	BABOOL	BABOOL	300	LOCAL SPECIES
2	MANGO	MANGO	200	LOCAL SPECIES
3	NEEM	NEEM	300	LOCAL SPECIES
4	SISUM	SISUM	300	LOCAL SPECIES
5	TEMARINE	TEMARINE	400	LOCAL SPECIES
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
	During Construction Phase: (Demand Load)	2MW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	26MW
	During Operation phase (Demand load):	26MW
	Transformer:	11KVA
	DG set as Power back-up during operation phase:	6.5MW
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48.Energy saving by non-conventional method:

NA

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
BAG FILTERS	NA	33

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WATER TANKER	NA	02
RAIN GUNS	NA	20

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	EXCAVATION AND MATERIAL TRANSFER	PARTICULATE MATTER	7000000

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	IMPLEMENTATION OF APPROVED EMP	EMISSION CONTROL	70000000	7000000

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:	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):	5
	CRZ/ RRZ clearance obtain, if any:	NA

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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NS
	Category as per schedule of EIA Notification sheet	3b
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	28-09-2016

Brief information of the project by SEAC

The proposal was earlier considered by the SEAC in its 136th meeting under category 3(b)B1 of the schedule of the EIA Notification, 2006. Earlier SEAC appraised the proposal based on EIA report submitted to the committee and raised few points for the compliance.

DECISION OF SEAC

In 138th meeting of SEAC, PP presented the compliance of earlier points.

SEAC decided to recommend the proposal for prior Environment Clearance subject to the compliance of following points.

Specific Conditions by SEAC:

1) PP to submit an affidavit for not discharging any waste water outside the limit of plant premises.
2) PP to carry out HAZOP and failure mode analysis for all pollution control equipment's and plan the mitigation measures.
3) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site.
4) PP to transport fly ash from Thermal Power Station only in close container to avoid air pollution issues. PP to submit an undertaking in this regard.
5) PP informed that the transport of raw material from the State of Rajasthan will be by Rail but in case rail services not available they will transport the same by road by taking all the precautions like closed transport vehicle, required permission from the competent authority etc.

FINAL RECOMMENDATION

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

SEAC-AGENDA-0000000906

SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Expansion/ Modernization of Sugar Factory Capacity from 7500 TCD (313 TCH) to 9000 TCD (375 TCH).

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Expansion/ Modernization of Sugar Factory Capacity from 7500 TCD (313 TCH) to 9000 TCD (375 TCH).
2.Type of institution	Private
3.Name of Project Proponent	SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LIMITED,DATTANAGAR, SHIROL.
4.Name of Consultant	Dr. B. Subba Rao
5.Type of project	Others
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project/ Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Letter No. ENV (NOC)/2000/130/CR-21/D-I
8.Location of the project	AGAR BAGH- 343 TO 352, 354, 361 SHIROL-251, 252, 717, 903, 129, 133/2, 135, 134, 136, 210, 213, 214, 230, 229, 232 TO 237, 242, 246+241, 247 TO 249, 127 AND 131
9.Taluka	SHIROL
10.Village	DATTANAGAR
11.Area of the project	OTHER AREA
12.IOD/IOA/Concession/Plan Approval Number	NOT APPLICABLE
	IOD/IOA/Concession/Plan Approval Number: NOT APPLICABLE
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	85.46 H
16.Deductions	0
17.Net Plot area	85.46 H
18.Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 539.43
	b) Non FSI area (sq. m.): 9460.56
	c) Total BUA area (sq. m.): 9999.99
19.Total ground coverage (m2)	46100
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	5.39
21.Estimated cost of the project	0

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)	NA

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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	SUGAR	28125	5625	33750
2	BAGASSE	64125	12825	76950
3	FILTER CAKE	8400	1687.5	1087.5
4	MOLASSESS	8400	1687.5	1087.5
5	ELECTRICITY	5292000 KW/ MONTH	NIL	5292000 KW/ MONTH

32.Total Water Requirement

Dry season:	**Source of water**	PANCHAGANGA RIVER
	Fresh water (CMD):	900
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	900 CUM PER DAY
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	1500 CUM PER DAY
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	

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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	100	0	100	20	0	20	80	0	80
Industrial Process	2200	0	2200	1500	0	1500	700	0	700

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5m
	Size and no of RWH tank(s) and Quantity:	1 TANK- 34 X 50 X 2.5 m- 5100 CUM
	Location of the RWH tank(s):	NEAR GARDEN AREA
	Quantity of recharge pits:	0
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 5 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 50,000
	Details of UGT tanks if any :	NIL
35.Storm water drainage	**Natural water drainage pattern:**	SURFACE RUNOFF
	Quantity of storm water:	4160 CUM
	Size of SWD:	1 X 0.5 X 0.5m
Sewage and Waste water	**Sewage generation in KLD:**	80
	STP technology:	Septic Tank Followed by ETP
	Capacity of STP (CMD):	1 - 700 CUM
	Location & area of the STP:	Along with Process Effluent
	Budgetary allocation (Capital cost):	Rs. 1 Crores including process ETP
	Budgetary allocation (O & M cost):	Rs. 5 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	1 MT/ Month
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	Spent Oil- 0.1 MT/ Month
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11.34 MT/ Month
	Others if any:	NA

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Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	Mixed with bagasse and burnt in Boiler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used for Composting
	Others if any:	NA
Area requirement:	**Location(s):**	Dattanagar, Shirol.
	Area for the storage of waste & other material:	45 SQM
	Area for machinery:	100 SQM
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1 Crores
	O & M cost:	5 Lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	4.5	7.5	5.5-9
2	BOD	mg/l	1500	40	<100
3	COD	mg/l	2500	110	<250
4	TSS	mg/l	400	55	<100

Amount of effluent generation (CMD):	700
Capacity of the ETP:	700
Amount of treated effluent recycled :	NIL
Amount of water send to the CETP:	0
Membership of CETP (if require):	NA
Note on ETP technology to be used	Anearobic Digestion followed by Aerobic
Disposal of the ETP sludge	Manure

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Oil	5.1	MT/Month	0.1	0	0.1	Mixed with Bagasse and burnt in Bioler.

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	During Season	BAGASSE- 72 TPH	1	95	4	130
2	During Off Season	BAGASSE- 36.75 tph	1	95	4	130

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	BAGASSE	72 TPH	0 TPH	72 TPH

41.Source of Fuel	BAGASSE FROM SUGARCANE CRUSHING IN FACTORY AND COAL FROM OPEN MARKET
42.Mode of Transportation of fuel to site	BAGASSE BY CONVEYOR BELT- SUGAR FACTORY TO CO-GEN BOILER AND COAL BY TRUCKS TO COAL YARD SILOS.

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43.Green Belt Development	**Total RG area :**	29.64 H
	No of trees to be cut :	0
	Number of trees to be planted :	21000
	List of proposed native trees :	Aamba, Ashoka, Babhul, Badam, Bahava, Bamboo, Chafa, Chandan, Chiku, Chinch, ETC..
	Timeline for completion of plantation :	2 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	EUCALYPTUS OBLIQUA	GALI (VARIETY OF EUCALYPTUS))	9000	POLLUTION ABSORBING PLANTS
2	AZADIRACHTA INDICA	NEAM	2000	POLLUTION ABSORBING PLANTS
3	TAMRINDAS INDICA	TAMRIND	4000	POLLUTION ABSORBING PLANTS
4	JATROPHA INTEGERRIMA	JITAROPA	800	POLLUTION ABSORBING PLANTS
5	COCUS NUCIFERA L	COCUNUT	3000	POLLUTION ABSORBING PLANTS
6	ARTOCARPUS HETEROPHYLLUS	JACK FRUIT PLANT	1200	POLLUTION ABSORBING PLANTS
7	TECHTONA GRANDIS	TEAK	2000	POLLUTION ABSORBING PLANTS
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	Besharmi	0.5	20
2	Bor	0.5	20
3	Dhotara	1	20
4	Earand	0.5	20
5	Ghaneri	1	20
6	Kanheri	1	20

47.Energy

Power requirement:	**Source of power supply :**	OWN GENERATION
	During Construction Phase: (Demand Load)	NIL
	DG set as Power back-up during construction phase	500 KVA- 1 NOS.
	During Operation phase (Connected load):	11 MW
	During Operation phase (Demand load):	10 MW
	Transformer:	VOLTAM- 2000 KVA
	DG set as Power back-up during operation phase:	500 KVA- 1 NOS.
	Fuel used:	DIESEL
	Details of high tension line passing through the plot if any:	YES, 33 KV

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48.Energy saving by non-conventional method:

NIL

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
PROCESS EFFLUENT	ANAEROBIC FOLLOWED BY AEROBIC	NIL
CONDENSATE TREATMENT	COOLING TOWER FOLLOWED BY AERATION	NIL

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 1 Crores
	O & M cost:	Rs. 5 Lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	FUGUTIVE EMISSIONS	PARTICULATE MATTER	5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	POLLUTANT	SOLID AND LIQUID EFFLUENT AND GASEOUS EMMISSIONS	200	30

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
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

52.Any Other Information

No Information Available

53.Traffic Management

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

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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	12 H
	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:	TRUCKS AND BULLOCKCARTS
	Width of all Internal roads (m):	15
	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	CATEGORY- B
	Court cases pending if any	NIL
	Other Relevant Informations	NIL
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	23-01-2017

Brief information of the project by SEAC

The proposal was earlier considered by the SEAC in its 122nd meeting for TOR under category 5(j)B1 of the schedule of the EIA Notification, 2006. The committee noted that the present sugar factory also has 36 MW cogeneration plant and 16 KLPD distillery. These ancillary activities will continue at the same quantum of production while sugar manufacturing is proposed to be enhanced. This enhancement will not entail any additional water requirement and effluent generation. Water requirement will remain at 100cu.m and effluent generation at 750 cu.m.

DECISION OF SEAC

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PP submitted EIA report for the consideration of the committee. Committee deliberated the proposal based on presentation made by PP, EIA report and other documents submitted by PP during presentation.

SEAC decided to recommend the proposal for prior Environment Clearance subject to the compliance of following points.

Specific Conditions by SEAC:

1) PP to submit copy of agreement made with the Irrigation department for lifting water from the river. PP to comply with all terms and conditions mentioned in the agreement.
2) PP informed that they have obtained earlier EC vide No. J-11011/33/2001=IA-II(1) dated 11.12.2007; MoEF's regional office Nagpur visited the site and identified few non compliance in their report including excess crushing. PP to submit copy of reply submitted to MoEF&CC regional office in this regard.
3) PP to submit copy of point wise reply to the issues rose in Public Hearing.
4) PP to submit letter mentioning exact project cost.

FINAL RECOMMENDATION

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

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Proposed Formaldehyde Production Unit

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Proposed Formaldehyde Production Unit at Plot No. C-6, MIDC Industrial Area, Butibori, Nagpur
2.Type of institution	Private
3.Name of Project Proponent	M/s. Paramount Chempro
4.Name of Consultant	Anacon Laboratories Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. C-6, MIDC Industrial Area, Butibori, Nagpur
9.Taluka	Hingna
10.Village	Butibori
11.Area of the project	MIDC
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 896.11
13.Note on the initiated work (If applicable)	Construction work not started yet
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	74100000

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)	Not applicable

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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	Formaldehyde	0	2000	2000

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Butibori
	Fresh water (CMD):	MIDC Butibori
	Recycled water - Flushing (CMD):	RO Reject
	Recycled water - Gardening (CMD):	cooling tower blow down
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	MIDC Butibori & Recycling
	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**	MIDC Butibori
	Fresh water (CMD):	185
	Recycled water - Flushing (CMD):	165
	Recycled water - Gardening (CMD):	3.8
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	350
	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)

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	4	4	0	0.8	0.8	0	3.2	3.2
Industrial Process	0	56	56	0	56	56	0	0	0
Cooling tower & thermopack	0	144	144	0	115.2	115.2	0	28.8	28.8
Gardening	0	3.8	3.8	0	3.8	3.8	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5 – 12 m during pre-monsoon & < 7 m (bgl) during post monsoon
	Size and no of RWH tank(s) and Quantity:	4 m x 4 m x 3 m (2 Nos.)
	Location of the RWH tank(s):	Within plant west side
	Quantity of recharge pits:	76.95 KLD
	Size of recharge pits :	4m x 4m x 3m
	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:**	East to West
	Quantity of storm water:	4418 m3 per annum
	Size of SWD:	300 mm
Sewage and Waste water	**Sewage generation in KLD:**	3.2
	STP technology:	Soak pit
	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:**	Construction wastes, domestic wastes, gardening waste & used oil.
	Disposal of the construction waste debris:	The construction wastes will be utilized for leveling and road construction in plant premises. Domestic & gardening waste will be used for composting. Used oil generated from construction machinery will be collected, stored separately and sold to authorized recyclers.
Waste generation in the operation Phase:	**Dry waste:**	Gardening waste 4.2 kg/day
	Wet waste:	Domestic waste 6.0 kg/day
	Hazardous waste:	Discarded plastic containers/barrels/liners 2.0 kg/day
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

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Mode of Disposal of waste:	**Dry waste:**	Composting
	Wet waste:	Composting
	Hazardous waste:	Sold to authorized parties
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	4050 sq. m
	Area for the storage of waste & other material:	132 sq.m
	Area for machinery:	198 sq.m
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	74100000
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicale	Not applicale	Not applicale	Not applicale	No industrial effluent will be generated from the process

Amount of effluent generation (CMD):	4.8
Capacity of the ETP:	5 CMD
Amount of treated effluent recycled :	0
Amount of water send to the CETP:	0
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Portable
Disposal of the ETP sludge	evaporation

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Discarded plastic containers/barrels/liners	33.1	kg/day	0	2	2	Sold to authorized parties

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 house	HSD 25 Liter/day	1	11	NA	NA
2	DG Set	HSD as per requirement	1	10	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	HSD 25 Liter/day	HSD 25 Liter/day

41.Source of Fuel	Locally purchased
42.Mode of Transportation of fuel to site	Tankers

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43.Green Belt Development	**Total RG area :**	4050 M2
	No of trees to be cut :	5
	Number of trees to be planted :	50
	List of proposed native trees :	125 species
	Timeline for completion of plantation :	5 yrs

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	The species like Teak, Jamun, Awala, Sisam, Mango and Eucalyptus	NA	50	Quick, moderate & slow growing and evergreen, Deciduous
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 :**	MSEDC
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	250 HP
	During Operation phase (Demand load):	NA
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	250 HP
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	0

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	It is a green field project based on chemical reaction for the synthesis of formaldehyde. No emission envisaged through the manufacturing process, hence no stack will be required.	Nil

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Domestic Effluent-	Domestic effluent will be treated through septic tank/soak pit system. However provision will be made to install portable sewage treatment plant (STP) to treat the domestic waste generated from the plant. The treated domestic waste will be use for plantation.	Septic Tank/Soak Pit
Industrial Effluent	ETP	5 KLD
Noise	• Sources of high noise level such as D.G. set etc. will be provided adequate sound enclosures. • The industry will develop greenbelt in 1336 m2 (33%) within the industrial premises for the abatement of noise pollution.	Ear protecting devices Earplugs/Ear muffs to the workers/employees will be provided as and when required.
Solid Waste	Composting & disposal to authorized vendors	TSDF Site. HW storage with RCC flooring and asbestos roof covering will be provided

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Wastewater	ETP (Pretreatment)	6.0	0.60
2	Water	Rain Water Harvesting	0.60	0.06
3	Greenbelt	Landscaping/plantation	2.0	0.2
4	Solid Waste	Solid Waste Management	1.0	0.1
5	Health & Safety	Health Care & Safety	1.05	0.15
6	EMP Monitoring	Environmental Monitoring plan	7.50	0.75

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
Methanol	6 tanks	underground storage	360	360	890	Open Market	Roadways
Formaldehyde	4 tanks	Overhead	400	400	24000	Finished product	roadways

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

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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	Not applicable
	Category as per schedule of EIA Notification sheet	5 (f)
	Court cases pending if any	NO
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-01-2016

Brief information of the project by SEAC

The proposal was earlier considered by the SEAC in its 121st meeting for TOR under category 5(f)B1 of the schedule of the EIA Notification, 2006. The proposal was considered by earlier SEAC in its 133rd and 134th meeting and decided to defer with following reason'

" Certain points of compliance were sought by the Committee in its 133rd meeting which desired that the PP should carry out compliances properly with reference to water balance and fire and toxicity analysis with respect to Formaldehyde. The compliances are yet to be carried out by the PP."

DECISION OF SEAC

In 138th meeting of SEAC also PP has not submitted and presented the point wise compliance of issues raised in 133rd and 134th meeting of SEAC. Hence committee decided to defer the consideration and requested PP to submit point wise compliance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Establishment of Oleo-chemical Manufacturing facility by Fine Organic Industries Pvt Ltd at Plot No. N-42/1, Additional Ambernath, Ambernath (east) Dist Thane, Maharashtra

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Establishment of Oleo-chemical Manufacturing facility by Fine Organic Industries Pvt Ltd at Plot No. N-42/1, Additional Ambernath, Ambernath (east) Dist Thane, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Fine Organic Industries Pvt Ltd
4.Name of Consultant	Aditya Environmental Services Pvt ltd
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot No. N-42/1, Additional Ambernath, Ambernath (east) Dist Thane, Maharashtra
9.Taluka	Ambarnath
10.Village	Ambarnath
11.Area of the project	Additional Ambarnath MIDC
12.IOD/IOA/Concession/Plan Approval Number	Plot allotment letter from MIDC
	IOD/IOA/Concession/Plan Approval Number: Plot allotment letter from MIDC
	Approved Built-up Area: 20000
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot allotment letter from MIDC
15.Total Plot Area (sq. m.)	20,000 sq. m
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	900000000

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)	minimum 6 m

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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	Distilled Mono Glycerides of fatty acids	0	625	625
2	Di & Triglycerides of fatty acids	0	12.5	12.5
3	Specialty fatty acids esters (Mixed specialty esters of fatty acids)	0	1667	1667
4	Fatty Amides (Primary & Secondary Amides of fatty acids)	0	1667	1667
5	Aqueous ammonia (By product)	0	350	350

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

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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	13	13	0	3	3	0	10	10
Industrial Process	0	6	6	0	1	1	0	5 + 1 (Reaction water)	5 + 1 (Reaction water)
Cooling tower & thermopack	0	156	156	0	137	137	0	19	19
Gardening	0	10	10	0	10	10	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Not Applicable
	Size and no of RWH tank(s) and Quantity:	1 no of 300 cmd capacity
	Location of the RWH tank(s):	Given in EIA report
	Quantity of recharge pits:	Given in EIA report
	Size of recharge pits :	Given in EIA report
	Budgetary allocation (Capital cost) :	30 Lakhs
	Budgetary allocation (O & M cost) :	2 Lakhs per annum
	Details of UGT tanks if any :	Given in EIA report

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable
	Quantity of storm water:	Not Applicable
	Size of SWD:	Not Applicable

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Sewage and Waste water	**Sewage generation in KLD:**	10 cmd
	STP technology:	Sewage water will be treated with trade effluent in combined ETP and water will be recycled.
	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:**	Minor quantity of debris
	Disposal of the construction waste debris:	Debris will be reused for leveling of plot
Waste generation in the operation Phase:	**Dry waste:**	Iron scrap: 5 TPA, Plastic waste: 5 TPA
	Wet waste:	Not Applicable
	Hazardous waste:	ETP sludge: 12 TPA
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Iron scrap & Plastic waste shall be sell to scrap dealer.
	Wet waste:	Not Applicable
	Hazardous waste:	ETP sludge will be disposed off in CHWTSDF.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Near ETP plant
	Area for the storage of waste & other material:	As per requirement sufficient area will be provided.
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	2 Lakhs
	O & M cost:	5 Lakhs per annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	4-6	7-8	7-8
2	Total Suspended solids	mg/L	100	<100	<100
3	Total Dissolved solids	mg/L	2500-3000	<2100	<2100
4	Chemical Oxygen Demand	mg/L	4000-5000	<250	<250
5	Biological Oxygen Demand	mg/L	2000-3000	<100	<100
6	Oil & Grease	mg/L	10-20	<10	<10
7	Total Ammonical nitrogen	mg/L	50-80	<50	<50
Amount of effluent generation (CMD):		35			
Capacity of the ETP:		40			

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Amount of treated effluent recycled :	35
Amount of water send to the CETP:	The proposed facility will maintain Zero Liquid discharge facility. No effluent will be sent to CETP.
Membership of CETP (if require):	Not Applicable
Note on ETP technology to be used	O & G trap > Equalization tank > Alum & Polyelectrolyte dosing > Primary settling tank > Aeration tank > Secondary settling tank > Intermediate tank > Sand filter & Activated carbon filter unit > UF & RO unit > Evaporator unit
Disposal of the ETP sludge	ETP sludge will be sent to CHWTSDF for disposal.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste water treatment	35.3	TPA	0	12	12	sent to CHWTSDF for disposal

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	20 Lacs Kcal/hr Thermic fluid heater	Furnace oil- 236 kg/hr OR Natural Gas- 277 Nm3/hr	1	30	0.5	Scrubber
2	20 Lacs Kcal/hr Thermic fluid heater	Furnace oil- 236 kg/hr OR Natural Gas- 277 Nm3/hr	2	30	0.5	Scrubber
3	20 Lacs Kcal/hr Thermic fluid heater (Standby)	Furnace oil- 236 kg/hr OR Natural Gas- 277 Nm3/hr	3	30	0.5	Scrubber
4	Ammonia scrubber	Not Applicable	--	As per norms	As per norms	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Furnace oil	0	11.3 TPD	11.3 TPD
2	Natural Gas	0	13,300 Nm3/day	13,300 Nm3/day

41.Source of Fuel	From near by vendors
42.Mode of Transportation of fuel to site	By road

43.Green Belt Development	**Total RG area :**	Green belt: 3779 sq.m.
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	As per CPCB norms for Green belt development
	List of proposed native trees :	Given in EIA report
	Timeline for completion of plantation :	Given in EIA report

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	--	--	--	--
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	--	--	--

47.Energy

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Power requirement:	**Source of power supply :**	from MSEDCL
	During Construction Phase: (Demand Load)	2000 KVA
	DG set as Power back-up during construction phase	2 Nos. of each 1000 KVA DG set
	During Operation phase (Connected load):	2000 KVA
	During Operation phase (Demand load):	2 Nos. of each 1000 KVA DG set
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	2 Nos. of each 1000 KVA DG set
	Fuel used:	HSD: 200 lit / hr at rated capacity for 1 DG set
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

Solar street light & Solar sky pipes will be provided for warehouse.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	--	--

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	--	Stack & scrubber for TFH flue gas, Scrubber for ammonia
Water	--	ETP, RO & Evaporator
Noise	--	Acoustic enclosure, Silencer.
Solid waste	--	Waste management system

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	456 Lakhs
	O & M cost:	86 Lakhs per annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

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	Air Pollution Control	50	5
2	Monitoring	Environment Monitoring	4	6
3	Water	Water Pollution Control	250	40
4	Solid & Hazardous waste	Hazardous waste & Solid waste management	2	5
5	Green belt	Green Belt Development	15	2

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6	Safety	Occupational Health & Safety	5	15
7	CSR	Social welfare & upliftment	10	5
8	Green Initiative	Rain Water Harvesting	30	2
9	Green Initiative	Solar street lights	15	5
10	Green Initiative	Solar Sky-pipes	50	--
11	Green Initiative	Energy Conservation (LED)	5	1
12	Green Initiative	Natural Gas use instead of Furnace oil	120	--

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
Stearic acid	Proposed	Tank farm on southern side of plot	300 KL	250 KL	1000 Ton	Godrej	Tanker
Oleic acid	Proposed	Tank farm on southern side of plot	150 KL	100 KL	84 Ton	Godrej	Tanker
Hydrogenated palm stearin	Proposed	Tank farm on southern side of plot	150 KL	100 KL	540 Ton	Gokul	Tanker
Erucic acid	Proposed	Tank farm on southern side of plot	300 KL	250 KL	1270 Ton	Godrej	Tanker
Palmitic acid	Proposed	Tank farm on southern side of plot	150 KL	100 KL	42 Ton	Godrej	Truck
Glycerin	Proposed	Tank farm on southern side of plot	150 KL	100 KL	166 Ton	Godrej	Tanker
Lauric acid	Proposed	Tank farm on southern side of plot	150 KL	100 KL	125 Ton	Imported	ISO tank
Ethylene Diamine	Proposed	Tank farm on southern side of plot	50 KL	40 KL	42 Ton	Imported	ISO tank
Furnace oil	Proposed	Tank farm on southern side of plot	45 KL	40 KL	369 Ton (As per requirement)	IOC/ BPCL	Tanker
HSD (Diesel)	Proposed	Tank farm on southern side of plot	20 KL	15 KL	As per requirement	IOC/ BPCL	Tanker

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable

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Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	2678 sq. m
	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	Not Applicable
	Category as per schedule of EIA Notification sheet	5(f)- B
	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	01-04-2017

Brief information of the project by SEAC

The proposal was earlier considered by the SEAC in its 132nd meeting for TOR under category 5(f)B1 of the schedule of the EIA Notification, 2006.; PP submitted EIA report during 137th meeting ; SEAC in their meeting raised few issues and PP submitted revised EIA report for appraisal.

DECISION OF SEAC

In 138th meeting of SEAC, PP presented the compliance of earlier points. During deliberation SEAC observed following points,

SEAC decided to recommend the proposal for prior Environment Clearance subject to the compliance of following points.

Specific Conditions by SEAC:

1) PP to submit an affidavit for not discharging any waste water outside the limit of plant premises.
2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.
3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.
4) PP to submit an affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source outside the limits of factory premises in case CETP is not capable of handling the effluent.
5) PP to include their plan for rain water harvesting in the EIA Report.

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FINAL RECOMMENDATION

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

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SEAC-1 Meeting (Day-2)

SEAC Meeting number: 138 th SEAC-1 Meeting **Meeting Date** June 2, 2017

Subject: Environment Clearance for Classic Oil Limited, Mahad

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Proposed New project for manufacturing of Specialty Chemicals and intermediate
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sudhakar Patil
4.Name of Consultant	Goldfinch Engineering Systems Private Limited, Thane
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Proposed is a Greenfield Project
8.Location of the project	Plot No.:- B-14; Mahad MIDC
9.Taluka	Mahad
10.Village	Mahad
11.Area of the project	Municipal Council
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 2025
13.Note on the initiated work (If applicable)	Nil
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4050 m2
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): Not applicable
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	172500000

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)	6m

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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	CYCLOHEXANOL	00	20	20
2	2 – METHYL CYCLOHEXANOL	00	40	40
3	2 – METHYL CYCLOHEXYL ACETATE	00	300	300
4	DI-ISO BUTYL CARBINOL (DIBC)	00	100	100
5	N - BUTYL CHLORIDE(NBC)	00	20	20
6	ISOBUTYL CHLORIDE (IBC)	00	10	10
7	TERTIARY BUTYL CHLORIDE (TBC)	00	10	10
8	TRIOCTYL PHOSPHATE / TRI (ETHYL HEXYL) PHOSPHATE)	00	450	450
9	TRIPHENYL PHOSPHITE	00	100	100
10	TRIBUTYL PHOSPHATE	00	20	20
11	2- ETHYL ANTHRAQUINONE	00	100	100
12	TERTIARY BUTYL UREA	00	230	230
13	TYRAMINE/ TYRAMINE HCl	00	20	20
14	By-Product	--	--	--
15	30% HCl	00	538.54	538.54
16	Dil. Acetic Acid (30%)	00	49.5	49.5
17	Sodium Acetate	00	8	8
18	Calcium Carbonate	00	19.3	19.3

32.Total Water Requirement

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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	00	5	5	00	1	1	00	4	4
Industrial Process	00	22	22	00	14	14	00	8	8
Cooling tower & thermopack	00	85	85	00	73	73	00	12	12
Gardening	00	3	3	00	3	3	-	-	-

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34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	4.80 m
	Size and no of RWH tank(s) and Quantity:	250 m3
	Location of the RWH tank(s):	near main gate
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	10 lac
	Budgetary allocation (O & M cost) :	1 lac
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Provided by MIDC
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	4
	STP technology:	Conventional technology will be use
	Capacity of STP (CMD):	01 No. 5 CMD
	Location & area of the STP:	Near ETP
	Budgetary allocation (Capital cost):	5 lac
	Budgetary allocation (O & M cost):	0.2 lac

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Debris
	Disposal of the construction waste debris:	Debris will use for land filling
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	Kindly refer point no. 45
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	50 Kg
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	CHWTSDF, MWML, Taloja
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be use as manure for gardening
	Others if any:	NA

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Area requirement:	**Location(s):**	Plant Area, Raw material storage area, ETP, Office Building
	Area for the storage of waste & other material:	18 m2
	Area for machinery:	486 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	included in total cost
	O & M cost:	0.2 lac

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	4-5	7-7.5	6.5-8.5
2	BOD	mg/lit	1500-2000	<100	<100
3	COD	mg/lit	3000-4000	<250	<250
4	TSS	mg/lit	100-150	<100	<100
5	TDS	mg/lit	2000-2500	<2100	<2100
6	O & G	mg/lit	15-20	<10	<10

Amount of effluent generation (CMD):	20
Capacity of the ETP:	25
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	20
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Single Effect Evaporation, Primary, Secondary & Tertiary Treatment
Disposal of the ETP sludge	CHWTSDF, MWML, Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Distillation Residue	20.3	MTPA	00	5.0	5.0	Collection, Storage, transportation and send to MWML, Taloja CHWTSDF for incineration or sale to MPCB authorized dealer
2	ETP Sludge + MEE salts	34.3	MTPA	00	1.8+800	1.8+800	Collection, Storage, transportation and send to MWML, Taloja CHWTSDF
3	Spent Carbon	28.2	MTPA	00	0.6+8.3	0.6+8.3	Collection, Storage, transportation and send to MWML, Taloja CHWTSDF
4	Discarded drums and containers	33.3	numbers	00	100	100	Collection, decontaminations, storage, reuse/sale to authorized recycler

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	Coal=365 Kg/hr / FO= 125 Kg/hr	01 (Combined stack)	38	0.6	150
2	Termopac	Coal=345 Kg/hr / FO= 190 Kg/hr	01 (Combined stack)	38	0.6	150
3	D.G. set	HSD=135 Kg/hr	01	4.5	0.6	150

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40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal / FO	00 / 00	710 Kg/hr / 315 Kg/hr	710 Kg/hr / 315 Kg/hr
2	HSD	00	135 Kg/hr	135 Kg/hr
41.Source of Fuel		From market/ out sider fuel companies		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	629
	No of trees to be cut :	No tree will be cut
	Number of trees to be planted :	80
	List of proposed native trees :	Terminalia arjuna, Bauhinia racemosa, Ficus benghalensis, Ficus religiosa, Polyalthia longifolia, Azadirachta indica, Cassia fistula
	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	Terminalia arjuna	Arjun	5	Pollution resistant and Native
2	Bauhinia racemosa	Apta	5	Pollution resistant and Native
3	Ficus benghalensis	Vad	2	Pollution resistant and Native
4	Ficus religiosa	Pimpal	3	Pollution resistant and Native
5	Polyalthia longifolia	Ashok	10	Pollution resistant and Native
6	Azadirachta indica	Kaduneem	5	Pollution resistant and Native
7	Cassia fistula	Bahava	5	Pollution resistant and Native
8	Lagerstroemia speciosa	Taman	5	Pollution resistant and Native
9	Bougainvillea spectabilis	Bouganvel	5	Pollution resistant and Native
10	Lantana camara	Ghaneri	10	Pollution resistant and Native
11	Calatropis gigentia	Rui	5	Pollution resistant and Native
12	Hibiscus rosa sinensis	Jaswand	10	Pollution resistant and Native
13	Nerium indicum	Kanher	5	Pollution resistant and Native
14	Neolamarckia cadamba	Kadamb	5	Pollution resistant and Native
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

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Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	No DG set
	During Operation phase (Connected load):	1100 KW
	During Operation phase (Demand load):	900 KW
	Transformer:	1100 KW
	DG set as Power back-up during operation phase:	500 KVA (1 No.)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No high tension line passing through the plot

48.Energy saving by non-conventional method:

NIL

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
Air	Nil	Multi cyclone separator with Bag ouse/ Chimney
Water	Nil	ETP
Noise	Nil	Aqustic Enclosure
Solid Waste	Nil	Disposal to MWML

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	20 lac
	O & M cost:	0.2 lac

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust	Air Pollution	0.5 lac
2	Debries	Soild Waste	0.5 lac
3	Construction motor	Noise Pollution	0.5 lac

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	Stack	28	0.6
2	Water Pollution	ETP	90	3.5
3	Domestic Effluent	STP	5	0.2
4	Noise Pollution Control	Acoustic Enclosure	5	Nil
5	Process Emmission	Scrubber	5	0.4

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

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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
N-Butanol	Liquid	Tank farm	20	20	90	Local	Road
Isobutanol	Liquid	Store	0.2	2	8.0	Local	Road
Tertiary Butanol	Liquid	Store	0.2	2	8.0	Local	Road
IPA	Liquid	Store	0.1	0.3	1.3	Local	Road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Nil
Parking details:	**Number and area of basement:**	Nil
	Number and area of podia:	Nil
	Total Parking area:	192.2 m2
	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):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No Protected area within 10 km radius circle
	Category as per schedule of EIA Notification sheet	5(f) B1
	Court cases pending if any	Nil
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	29-09-2016

Brief information of the project by SEAC

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PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006 to the earlier SEAC and SEAC granted them TOR. Now PP submitted EIA report for the appraisal

DECISION OF SEAC

The proposal was considered based on the TOR submitted by PP, presentation and other documents submitted to the committee. The committee observed following points,

SEAC decided to defer the proposal and advised PP to submit compliance of the following points.

Specific Conditions by SEAC:

1) PP to provide six meters wide road all around four sides of each manufacturing plant and storage areas to have unobstructed access for fire tender in case of an emergency. PP to submit revised drawing
2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.
3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.
4) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
5) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.
6) PP to submit copy of NOC from CETP which allows discharge to the CETP.
7) PP to include their plan for rain water harvesting in the EIA Report.
8) PP to store all flammable chemicals away from other storages based on their compatibility and submit details.
9) PP to submit details of by product generation along with their handling, storage and disposal plan.
10) PP informed that there is generation of phosgene gas during one of the reaction; PP to carry out quantitative risk assessment for phosgene, plan mechanism to handle it, submit details of scrubbing system with calculations based on material balance (mole to mole basis) and mitigation measures for emergency like selection of personal protective equipment's, standard operating procedures, safety protocols, training need etc. to avoid any unforeseen incident.
11) 11.) PP to submit HAZOP study report of each node of each products and details of recommendations obtained from the study.
12) 12.) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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