SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Proposed Gas Based Power Plant and Gas Storage Area at Village Dighi, Taluka Shrivardhan, District Raigad

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Proposed Gas Based Power Plant and Gas Storage Area at Village Dighi, Taluka Shrivardhan, District Raigad
2.Type of institution	Private
3.Name of Project Proponent	Veritas Polychem Pvt. Ltd.
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Dighi Port Area
9.Taluka	Shrivardhan
10.Village	Dighi
11.Area of the project	Dighi Port Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 3344.41
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.)	31199.05
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.): 3344.41
19.Total ground coverage (m2)	27,018.54 ground coverage area for Gas Tank area
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	4861550000.00

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)	10.5 m existing road & 40 m proposed road

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	Gas Based Power Plant	0	18 MW	18 MW
2	Storage Area comprising of 16 gas storage tanks, each of capacity 2500 m3 for storage of Vinyl Chloride Monomer, Propane, Butane, Ammonia, LPG	0	40,000 m3	40,000 m3

32.Total Water Requirement

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

Details of Swimming pool (If any)	Not applicable

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0	0	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) :	0
	Budgetary allocation (O & M cost) :	0
	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):	0
	Budgetary allocation (O & M cost):	0

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated Earth & Solid waste from workers camp
	Disposal of the construction waste debris:	Excavated Earth will be reused for backfilling. Solid waste from workers camp will be disposed off through Authorized Agency.
Waste generation in the operation Phase:	**Dry waste:**	Empty containers etc.
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	Excavated Earth will be reused for backfilling. Solid waste from workers camp will be disposed off through Authorized Agency.
	Wet waste:	Not applicable
	Hazardous waste:	Used Lubricating oil
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Common scarp area 273.38 m2
	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:**	0
	O & M cost:	0

37.Effluent Charecterestics

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

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	0	0	0	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Power Plant	LNG	4	30	0.5588	120 oC

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LNG	0	0.168 MT/MWH	0.168 MT/MWH

41.Source of Fuel	GAIL or IOC
42.Mode of Transportation of fuel to site	Pipeline or Road transport

43.Green Belt Development	**Total RG area :**	13.12 acres fro whole integrated plant
	No of trees to be cut :	0
	Number of trees to be planted :	3000
	List of proposed native trees :	Neem, Ashok, Gulmohar
	Timeline for completion of plantation :	1 Year

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	1000	Medicinal Tree
2	Saraca Asoca	Ashok	1000	Shady Tree
3	Delonix regia	Gulmohar	1000	Flowering Tree
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

Power requirement:	**Source of power supply :**	Proposal is for Gas Based Power Plant
	During Construction Phase: (Demand Load)	800 kVA
	DG set as Power back-up during construction phase	250 kVA X 2 Nos (Green Certified)
	During Operation phase (Connected load):	4000 kWh
	During Operation phase (Demand load):	a) Plant/Facility : 1,000 kWH b) Common Utilities: 1,000 kWH c) Admin: 1,000 kWH
	Transformer:	1200 kVA
	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	--	--

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Gas based power plant	Not Applicable	Wet Scrubber

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	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	Environmental Monitoring	Air Noise Soil Water etc monitoring	10
2	Sanitary Facility & Wastewater Management	STP	20
3	Occupation Health & Safety	PPE's, Health check-up, Fire Detection, Gas leakage detection, ESD (Power Plant)	100

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Air Noise Soil Water etc monitoring	120	5
2	Green Belt Development	Plantation	20	2
3	Energy Saving	Power factor improvement	40	5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Vinyl Chloride Monomer	Liquefied Gas	Designated Area	15000 m3	11600 MT	16500	Import	Pipeline
Propane	Liquefied Gas	Designated Area	5000 m3	2160 MT	6500	Import	Pipeline
Butane	Liquefied Gas	Designated Area	5000 m3	2160 MT	6500	Import	Pipeline
Ammonia	Liquefied Gas	Designated Area	5000 m3	2110 MT	6300	Import	Pipeline
LPG	Liquefied Gas	Designated Area	10000 m3	4335 MT	13000	Import	Pipeline

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):	--
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Phansad wildlife sanctuary located at a distance of 11 km towards North East
	Category as per schedule of EIA Notification sheet	Gas Based Power Plant 1(d) & Storage Area 6 (b)
	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	29-04-2017

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 1(d)B1 and 6(b)B1 as per EIA Notification, 2006 for isolated storage and captive power plant.

DECISION OF SEAC

During deliberations, the Committee observed that, the said project is green field project and not only for isolated storage and captive power plant but it is an integral part of the manufacturing of polymer products on the same location which is under category 5(c) and 5(f) of schedule of EIA Notification,2006, which falls under activity category " Ä" and comes under the jurisdiction of EAC, MoEF & CC, New Delhi.

In view of above, PP is advised to apply to the EAC, MoEF&CC,New Delhi for prior Environment Clearance by clubbing together, the activities of polymer manufacturinng, isolated storage of materials and captive power plant as one proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Mining project

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Wadegaon Manganese Ore Mining Project 3.97 ha
2.Type of institution	Private
3.Name of Project Proponent	Shakeel Ahmed Akul Hussain
4.Name of Consultant	Enviro Techno Consult Private Limited
5.Type of project	Others- mining
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	Kh No 53, Village Wadegaon
9.Taluka	Ramtek
10.Village	Wadegaon
11.Area of the project	Other area
12.IOD/IOA/Concession/Plan Approval Number	Gram Panchayat NOC dated 14.09.2014
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Letter No. MMN-1001/C.R 282/IND-9 dated 5.8.2006 of Govt of Maharashtra
15.Total Plot Area (sq. m.)	3.97 ha
16.Deductions	NA
17.Net Plot area	3.97 ha
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	20000000

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

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	Manganese ore	0	525	525

32.Total Water Requirement

Dry season:	**Source of water**	Well/Pit
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	10
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	**Source of water**	Well/Pit
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	10
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	30 m
	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:**	OB/SB/IB 4800 m3/year, Ore 1800 m3/year, Reject 90 m3/year
	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:**	OB/SB/IB will be stacked within lease area and stabilized by plantation, low grade ore will be used for blending as per suitability and reject material will be stored as dump.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Within lease
	Area for the storage of waste & other material:	0.6 ha
	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 :**	0.6 ha
	No of trees to be cut :	NA
	Number of trees to be planted :	50/year
	List of proposed native trees :	Sitafal, Mango, Palash, Ramfal
	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	Sitafal	Sitafal	20	These are resistant to dust which will be the dominant emission
2	Mango	Mango	5	These are resistant to dust which will be the dominant emission
3	Palash	Palash	15	These are resistant to dust which will be the dominant emission
4	Ramfa	Ramfal	10	hese are resistant to dust which will be the dominant emission
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 :**	MSPDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA since one shift working is proposed
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	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

Mining/Ore handling	Nil	Dust control by water sprinking

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	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	Monitoring	Air quality	NA	0.30
2	Dust control	Air quality	NA	0.30
3	CSR activity	As per Gram Panchayat demand	NA	As per actuals

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

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	15-16 km
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	05-05-2017

Brief information of the project by SEAC

Earlier SEAC-I approved the TOR in its 117th meeting held on 29th and 30th December 2015. During that meeting, SEAC observed that, PP applied seperately for two adjacent mines having an area of 2.49 Ha and 3.97 Ha. Therefore PP was advised to prepare single EIA reprot.

PP also informed that, they have obtained mining lease permission from GoM vide letter No. MMN-1001/CR-282/Ind-q dated 05.08.2006.

PP now submitted the EIA report for appraisal.

DECISION OF SEAC

During the deliberations, it was observed that the EIA report is not in line with the requirements. PP has not submitted complianceof the points raised by earlier SEAC.

In view of above, SEAC decided to defer the proposal and advised PP to submit revised EIA, EMP report along with compliance of points raised by earlier SEAC-I in their 117th meeting along with below mentioned additional points.

Specific Conditions by SEAC:

1) PP to submit copies of 7/12 extract to establish the ownership of the mining land.
2) PP to submit original mining plan for appraisal and verification.
3) PP to include mining closure plan in their EIA report.
4) PP to submit copy of mineral prospecting report along with the gradation of the contents like manganese, Silical and other contents if any.
5) PP to obtain permission from competent authority for drilling and blasting.
6) PP to submit copy of permission obtained from the State Government (Irrigation Department) as the mining activity is within 50 meters distance from the existing irrigation canal.
7) PP to submit an affidavit for not storing any magazine/PP to submit copy of permission obtained from the State Government (Irrigation Department) as the mining activity is within 50 meters distance from the existing irrigation canal. on site.
8) PP to include details of disposal of waste material and their stabilization process in the EIA report.
9) PP to provide retaining wall to the mining area to avoid and unforeseen incident like collapse etc.
10) PP to submit point wise compliance status of issues raised in the Public Hearing meeting.
11) PP to include impact of mining activity (explosion,vibration,vehicle movement etc.) on the nearby canal.

FINAL RECOMMENDATION

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

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Wanjri Limestone & Dolomite Mine

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Wanjari Limestone & Dolomite Mine.
2.Type of institution	Private
3.Name of Project Proponent	Faimida Parvin Bashiruddin Khan
4.Name of Consultant	Pollution & Ecology Control Services, Nagpur
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Khasra No. 399, 400 & 448
9.Taluka	Wani
10.Village	Wanjri
11.Area of the project	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 00
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.)	25.60 Hectare
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	4000000

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

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	Limestone & Dolomite	NA	35000 TPA	35000 TPA

32.Total Water Requirement

Dry season:	**Source of water**	Mines Pit Water & Ground water within the mine lease area
	Fresh water (CMD):	2.5
	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**	Mines Pit Water & Ground water within the mine lease area
	Fresh water (CMD):	2.5
	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	2.5	2.5	0	1.5	1.5	1.0	1.0	1.0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	8-9 Meter
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	Existing abandon pits which subsequently enhances the recharge to groundwater in the region.
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	Not Applicable
35.Storm water drainage	**Natural water drainage pattern:**	The storm water will be diverted from the mining areas through a series of diversion banks intercept drains to either the natural drainage channels or to water storage reservoirs.
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	1.0
	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:**	Mine Reject
	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:**	Mine Rejects will be dump in earmark area in non mineralise zone in Mine lease area.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Na
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Non mineralise area in mine lease area
	Area for the storage of waste & other material:	1.17 ha. Area
	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	Diesel	NA	40 Liter	40 Liter

41.Source of Fuel	Available in near by place
42.Mode of Transportation of fuel to site	NA, It is used in Vehicles.

43.Green Belt Development	**Total RG area :**	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	Every year 500 trees will be planted.

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	Kadulimb	300	Dense , evergreen
2	Feronia limonia	Kavath	200	Deciduous, slow-growing, erect tree
3	Terminailia catapa	Desi Badam	100	Deciduous, medium
4	Pongamia pinnata	Karanj	250	Fast growing, glabrous, deciduous.
5	Butea monosperma	Palas	250	medium-sized dry season-deciduous tree
6	Psidium guajava	Peru	200	fast growing tropical and subtropical species
7	Annona squamosa	Sitaphal	250	Fast growing fruit tree,Deciduous, medium
8	Emblica officinalis	Awala	300	usually deciduous, medium size
9	Pithecellobium dulce	Vilayati chinch	200	Deciduous, medium
10	Albizia odoratissima	Chichwa	200	Deciduous Tree
11	Ziziphus jujuba	Bor	200	Deciduous Tree
12	Ficus religiosa	Pipal	200	Deciduous, slow-growing, erect tree
13	Saraca asoca	Ashoka	300	Evergreen, small
14	Delonix Regia	Gulmohar	250	Deciduous, large
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 :**	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	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
Vehicular Movement and handling of minerals	NA	Sprinklers and Dust suppression through Water tanker

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	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	Water Pollution Control	pits and garland drain	2.00	0.20
2	Air Pollution	Dust Suppression by water spraying on internal Road by water tankers	4.00	0.50
3	Plantation	Green belt development	2.00	0.20
4	Noise Pollution	Providing Mask, ear muffs to workers	1.00	0.10
5	Environmental Monitoring	Analysis of air, water & Noise	--	2.00

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

Brief information of the project by SEAC

This application was already recommended by earlier SEAC-1 in their 133rd meeting held on23rd and 24th August, 2016.

Durng this meeting committee decided to transfer the same to SEIAA portal.

DECISION OF SEAC

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Environmental Clearance for - : Industrial Project

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	M/s. Sant Gyaneshwar Steel Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinod Vedprakash Goyal
4.Name of Consultant	S G M Enviro (I) Pvt. Ltd., Pune.
5.Type of project	Industrial Estate
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	NA
8.Location of the project	Gat No. 1076/77, Golegaon Road
9.Taluka	Khed
10.Village	Markal
11.Area of the project	Located in Industrial zone
12.IOD/IOA/Concession/Plan Approval Number	Zonal Certificate has been received.
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 1616.94
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.)	15700 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.): 1616.94
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	312500000

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)	12m

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	15 m
29.Existing structure (s) if any	Yes. Expansion of the Existing project.
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	MS Ingots	36000	1,20,000	1,56,000
2	Runner riser	720	0	720

32.Total Water Requirement

Dry season:	**Source of water**	Tanker
	Fresh water (CMD):	53.2
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	61.7 (Existing) + 53.2 (Expansion)=114.9
	Fire fighting - Underground water tank(CMD):	Ground level water tank - 20
	Fire fighting - Overhead water tank(CMD):	90
	Excess treated water	0
Wet season:	**Source of water**	Tanker
	Fresh water (CMD):	53.2
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	61.7 (Existing) + 53.2 (Expansion)=114.9
	Fire fighting - Underground water tank(CMD):	Ground level water tank - 20
	Fire fighting - Overhead water tank(CMD):	90
	Excess treated water	0
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	1.2	1.9	3.1	0.2	0.2	0.4	1	1.7	2.7
Industrial Process	0	0	0	0	0	0	0	0	0
Cooling tower & thermopack	60	50	110	60	50	110	0	0	0
Gardening	0.5	1.3	1.8	0.5	1.3	1.8	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	80-90 m
	Size and no of RWH tank(s) and Quantity:	The rainwater harvesting structure will be decided during detailed engineering of the project.
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	The rainwater harvesting structure will be decided during detailed engineering of the project.
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	5
	Budgetary allocation (O & M cost) :	2
	Details of UGT tanks if any :	UGT tank of capacity-100 CMD
35.Storm water drainage	**Natural water drainage pattern:**	North West to South East
	Quantity of storm water:	10 Cum/sec
	Size of SWD:	300 x 300 mm
Sewage and Waste water	**Sewage generation in KLD:**	Existing 1 CMD +Proposed 1.7 CMD Total=2.7CMD
	STP technology:	Domestic effluent generated will be sent to Septic Tanks followed by soak pits.
	Capacity of STP (CMD):	NA
	Location & area of the STP:	On ground
	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:**	Negligible amount of waste will get generated
	Disposal of the construction waste debris:	Waste shall be sent to authorized dealer.
Waste generation in the operation Phase:	**Dry waste:**	Scrap : Existing – 120 MT/Annum, Proposed : 360 MT/ Annum, Total – 480 MT/Annum Slag : Existing – 1200 MT/Annum, Proposed : 8400 MT/ Annum, Total – 9600 MT/Annum
	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:**	Scrap: Reused in process. Slag : Sale to authorized vendor
	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):		Nil			
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	Existing Electric Furnace	Electricity	1 -Existing stack	30	0.8	120
2	Existing D.G. Set	LDO	2 -Existing stack	2.0 m above roof	0.15	70
3	proposed Electric Furnace	Electricity	3 - proposed stack	30	1.2	120
4	Proposed D.G. Set	LDO	4- Proposed stack	2.0 m above roof	0.15	70

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO	6 lit/hr	6 lit/hr	12 lit/hr
41.Source of Fuel		Local vendor		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	Existing- 3699.48 m2 , Proposed- 1894.27 m2 , Total= 5593.75 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	Existing trees= 429 Nos
	List of proposed native trees :	Industry have already planted adequate no. of trees. List of all the Existing trees with their quantities is given below.
	Timeline for completion of plantation :	Industry have already planted adequate no. of trees

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	Platycladus orientalis	Morpankhi	1	They are widely grown as ornamental trees, and extensively used for hedges
2	Ficus racemosa	Umbar	1	For people whose skin is especially sensitive to insect bites, this is a very simple home remedy.
3	Combretum indicum	Boganbel	50	The flowers change in color with age and it is thought that this is a strategy to gather more pollinators.
4	Other	NA	25	NA
5	Mangifera Indica	Mango	6	Deep route, Evergreen
6	Ficus benghalensis	Banyan	5	Native to the Indian Subcontinent.
7	Delonix regia	Gulmohar	3	Quick growing
8	Leucaena leucocephala	Subabhul	153	Evergreen
9	Polyalthia longifolia	Ashoka	8	Lofty evergreen tree, native to India, commonly planted due to its effectiveness in alleviating noise pollution.
10	Bauhinia racemosa	Apta	3	Flowering shrub, Native to India.
11	Azadirachta indica	Neem	30	Fast growing
12	Vachellia nilotica	Babhul	4	Slow growing, long lived
13	Hyophorbe lagenicaulis	Bottle palm	18	bottle shaped trunk
14	Phyllanthus emblica	Awla	1	Gives edible fruit
15	Senegalia catechu	Khair	3	deciduous and has short hooked spines
16	Ixora coccinea	Jangli	4	used in warm climates for hedges and screens, foundation plantings, massed in flowering beds
17	Terminalia catappa	Amond Tree	1	large tropical tree, provides fruit with edible seed
18	Ziziphus jujuba	Bor	3	Evergreen shrub
19	Tamarindus indica	Chinch	1	edible fruit
20	Cocos nucifera	Nariyal	10	Inside it contains one seed, rich in reserve substances located in the endosperm which is partly liquid (coconut milk), partly solid (flesh).
21	Manilkara zapota	Chiku	5	An unripe fruit has a firm outer skin and when picked, releases white chicle from its stem. A fully ripened fruit has saggy skin and does not release chicle when picked.
22	Citrus Limonum	Limbu	4	The juice of the lemon is about 5% to 6% citric acid, which gives a sour taste.

23	Citrus limetta	Mosambi	1	Fruits are oval and green, ripening to yellow, with greenish pulp.
24	Plumeria obtusa	Chapha	8	This plant is commonly used as an ornamental, grown for its flowers.
25	Moringa oleifera	Shewga	40	It can also be used for water purification and hand washing, and is sometimes used in herbal medicine.
26	Punica granatum	Dalimb	2	As intact arils or juice, pomegranates are used in baking, cooking, juice blends, meal garnishes, smoothies, and alcoholic beverages, such as cocktails and wine.
27	Rosa Damascena	Gulab	30	The flowers are renowned for their fine fragrance, and are commercially harvested for rose oil used in perfumery and to make rose water and "rose concrete". The flower petals are also edible. They may be used to flavor food, as a garnish, as an herbal tea, and preserved in sugar as gulkand.
28	Murraya koenigii	Kadipatta	1	Most commonly used in curries, leaves from the curry tree can be used in many other dishes to add flavor
29	Aegle marmelos	Bel	1	Its fruits are used in traditional medicine and as a food throughout its range.
30	Hibiscus	Jaswand	7	Evergreen shrub The flower is additionally used in hair care as a preparation.
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)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	Existing Connected Load -4990 KVA, Proposed Connected Load -10,000 KVA,Total-14990 KVA
	During Operation phase (Demand load):	Existing Maximum Demand -4990KVA, Proposed Maximum Demand - 10,000KVA, Total - 14990 KVA
	Transformer:	Existing (2 Nos) of capacities 6250KVA & 750KVA, Proposed (1 No) of 12000 KVA
	DG set as Power back-up during operation phase:	Existing- 1 no. of 250 KVA, Proposed 1 no. of 250 KVA
	Fuel used:	LDO
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Use of Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Solar Energy	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	Septic tank & soak Pit	Septic tank & soak Pit
Air	Proper stack height is provided with Fume Extraction system with Dust Collector	Proper stack height with Fume extraction system & dust collector will be provided
Noise	Acoustic enclosures.	Acoustic enclosures.
Solid Waste	Separate Storage Area	Separate Storage Area

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10
	O & M cost:	2

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environment Monitoring and Management	NA	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 Pollution	Air Pollution Control measures such as provision of Stack & other APC measures	70	15
2	Water Pollution	septic tank & soak pit	NA	NA
3	Noise Pollution	Noise Pollution Control measures as Acoustic enclosures& Earmuff, Earplug if required	2	0.50
4	Environment Monitoring and Management	Environment Monitoring and Management	-	1
5	Occupational Health	Occupational Health & Safety measures	5	1.5
6	Green Belt	Green Belt Development	5	2
7	Rain Water	Rain Water Harvesting	5	0.5
8	Solid waste	Solid waste management	2	0.5
9	Energy Conservation	Use of Solar Energy	10	2

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:	2360.28
	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:	Nearest Road=Alandi-Markal Road at 0.95 Km
	Width of all Internal roads (m):	internal roads of 9 m & 15 m as per requirement
	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	3 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006 for expansion of existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

Public hearing is applicable.

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA report as per standard TOR and additional TOR points mentioned below.

Specific Conditions by SEAC:

1) PP to submit year wise details of products manufactured with their names from the existence of the manufacturing facility, quantities, effluent generation etc. PP also to submit copies of earlier consent copies obtained from Maharashtra Pollution Control Board.
2) PP proposes water supply by tankers; PP to submit their plan for sustained water supply.
3) PP to submit design details of cooling tower including blow down quantity of water.
4) PP to provide sewage treatment plant for the treatment of domestic sewage.
5) PP to submit details of rain water harvesting plan in the EIA report.
6) PP to collect water sample from upstream and downstream of the Indrayani river and include the same in EIA report.
7) PP to include heavy metal parameters in the soil sample and submit analysis report.
8) PP to submit stability certificate of the earlier buildings.
9) PP to ensure 33% green coverage within the plant premises.
10) PP to submit Disaster Management Plan along with EIA report.
11) PP to submit layout plan showing internal road width of six meters and turning radius nine meters, location of ETP, DG sets etc.

FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Industrial Project- Synthetic Organic Chemical Industry

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	M/s Jain Research Laboratories Pvt Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Babulal Jain
4.Name of Consultant	SGM Enviro (I) Pvt Ltd, Pune
5.Type of project	Industrial Project- Synthetic Organic Chemical Industry
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.- A-87/1, MIDC Kurkumbh , Village- Kurkumbh, Tehsil- Daund, District- Pune, Maharashtra
9.Taluka	Daund
10.Village	Kurkumbh
11.Area of the project	Industrial Area (MIDC Kurkumbh)
12.IOD/IOA/Concession/Plan Approval Number	MIDC plot possession letter has been obtained
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 8000
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.)	10,675
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.): 8000
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	150000000

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	8 Quarters will be provided for the workers
24.Number of expected residents / users	16
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)	6 m

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Existing temporary shed will be cleared and the solid waste generated will be sent to authorized dealer.

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Baclofen	0	1	1
2	Pregabalin	0	5	5
3	Dipyridamole	0	1	1
4	Triamterene	0	1	1
5	Hydralazine Hydrochloride	0	1	1
6	Verapamil	0	1	1
7	valproic acid Sodium salt	0	2	2
8	Amiloride	0	1	1
9	Metoprolol Tartrate	0	4	4
10	Labetalol Hydrochloride	0	0.5	0.5
11	Betaxolol Hydrochloride	0	0.25	0.25
12	Sotalol Hydrochloride	0	0.5	0.5
13	Timolol maleate	0	0.25	0.25
14	Carvedilol	0	2	2
15	Guaiphenesin	0	5	5
16	Methocarbamole	0	2	2
17	Chlorophensin	0	4	4
18	Chlorophensin carbamate	0	2	2
19	Mephensin	0	2	2
20	Dithranol	0	0.2	0.2
21	Clotrimazole	0	5	5
22	Allopurinol	0	2	2
23	Domperidone	0	2	2
24	Cyclopropylamine	0	25	25
25	R-Epichlorohydrine and its delivatives	0	10	10
26	Formamidine Acetate	0	5	5
27	CARBOXYLIC ACIDS, ANHYDRIDES, DERIVATIVES such as Dimethyl Acrylic Acid ,Glutaric Acid ,Suberic Acid,3-Hydroxy Glutaric Acid,Pimelic Acid,Methyl Succinic Acid,Phenyl Succinic Acid	0	20	20

28	UV Curing Agents based on Substituted Barbuturates/ Triphenyl Trifalte / Ketone	0	2	2
29	SYNTHETIC FRAGRANCES such as Benzyl Acetone and its derivatives, Cyclic carbonates, Cyclopentanone and its Derivatives ,C5- to C16 Cyclic Ketones	0	40	40
30	Byproduct- Ammonium Sulphate	0	10	10
31	Byproduct- Ammonium Chloride	0	7	7
32	Byproduct- Sodium Sulphate	0	8	8
33	Byproduct- PotaissumSulphate	0	2	2
34	Sodium Nitrite	0	1	1

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	107.7 CMD
	Recycled water - Flushing (CMD):	9.3 CMD
	Recycled water - Gardening (CMD):	5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	117.00 CMD
	Fire fighting - Underground water tank(CMD):	(ground Level water tank= 200 m3)
	Fire fighting - Overhead water tank(CMD):	25 m3
	Excess treated water	Treated water from ETP will be sent to CETP
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	107.7 CMD
	Recycled water - Flushing (CMD):	9.3 CMD
	Recycled water - Gardening (CMD):	5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	117.00 CMD
	Fire fighting - Underground water tank(CMD):	(ground Level water tank = 200 m3)
	Fire fighting - Overhead water tank(CMD):	25 m3
	Excess treated water	Treated water from ETP will be sent to CETP
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	7	7	0	1	1	0	6	6
Industrial Process	0	Industrial Processes=40 + Floor washing=10	50	0	18	18	0	32	32
Cooling tower & thermopack	0	Cooling Tower=25 + Boiler=25	50	0	49	49	0	1	1
Gardening	0	10	10	0	10	10	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	80-90 m
	Size and no of RWH tank(s) and Quantity:	The rainwater harvesting structure will be decided during detailed engineering of the project.
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	The rainwater harvesting structure will be decided during detailed engineering of the project.
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	5 Lac
	Budgetary allocation (O & M cost) :	0.5 Lac
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Through MIDC drain
	Quantity of storm water:	10 Cum/sec
	Size of SWD:	300 x 300 mm
Sewage and Waste water	**Sewage generation in KLD:**	6
	STP technology:	Primary + Secondary
	Capacity of STP (CMD):	1 STP of 15CMD capacity
	Location & area of the STP:	On Ground
	Budgetary allocation (Capital cost):	5 Lac
	Budgetary allocation (O & M cost):	2.0 Lac

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Municipal waste shall be segregated. The biodegradable waste will be composted and non-biodegradable waste send to authorized dealer.
	Disposal of the construction waste debris:	Waste will be sent to Authorized vendors
Waste generation in the operation Phase:	**Dry waste:**	i. Plastic Drums ii. MS drums iii. Paper Drums = 100 Nos/month Each, Scrap=0.5 MT/M, Gunny Bags= 0.5 MT/M
	Wet waste:	NA
	Hazardous waste:	Spent Carbon / Organic solid Waste= 5 MT/M, Distillation residue= 2 MT/M, Waste Oil,Oil soaked Cotton And other Solid waste= 0.5 MT/M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.15 TPM
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Municipal waste shall be segregated. The biodegradable waste will be composted and non-biodegradable waste send to authorized dealer.
	Wet waste:	NA
	Hazardous waste:	Hazardous waste produced will be sent to CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge will be used as manure
	Others if any:	NA
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	pH	-	4-9	5.5-8.5	5.5-8.5
2	BOD	Mg/lit	<2000	<2000 mg/lit	<100 mg/l
3	COD	Mg/lit	<6000	<6000 mg/lit	<250 mg/l
4	TSS	Mg/lit	<2000	<1000 mg/lit	<100 mg/
5	TDS	Mg/lit	<4000	<4000	<2100 mg/l

Amount of effluent generation (CMD):	33 CMD
Capacity of the ETP:	ETP Capacity -25 CMD MEE capacity 15 CMD
Amount of treated effluent recycled :	9.3 CMD
Amount of water send to the CETP:	21.3 CMD
Membership of CETP (if require):	Yes. Applied for Membership of CETP from MIDC, Kurkumbh
Note on ETP technology to be used	Primary Treatment will be provided.
Disposal of the ETP sludge	ETP Sludge from the clarifiers shall be released periodically into Sludge Drying Beds and cakes to be disposed off to CHWTSDF site.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Carbon / Organic solid Waste	18.2	MT/M	0	5.00	5.00	CHWTSDF
2	Distillation residue	20.3	MT/M	0	2.00	2.00	CHWTSDF
3	Waste Oil, Oil soaked Cotton And other Solid waste	5.2	MT/M	0	0.5	0.5	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	2 No of Boilers- 1 tones per hour + 4 tones per hour	Coal or Agro Waste Chips-20 MT/Day	1	30	0.75	220 - 240
2	Thermic Fluid Heater 3 Lac Kcl/hr	FO/ LDO - 500 Kg / Day	2	30	0.4	250 - 260
3	2 Nos of DG sets of 100 KVA & 250 KVA	HSD	3	2.5 Above Roof	0.15	70

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal or Agro Waste Chips	00	20 MT/Day	20 MT/Day
2	FO/ LDO	00	0.5 MT/Day	0.5 MT/Day
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	1212 sq. m
	No of trees to be cut :	00
	Number of trees to be planted :	100
	List of proposed native trees :	Refer Pt no. (vi) below
	Timeline for completion of plantation :	Approximately 1 Year

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	Ficus religiosa	Peepal Tree	8	Deciduous, Evergreen , used as traditional medicine
2	Azadirachta indica	Neem	10	Evergreen, Native, Non-flowering
3	Mangifera Indica	Mango	8	Evergreen, long lived , Native.
4	Delonix regia	Gulmohar	9	Flowering plant,Ornamental tree.
5	Peltophorum pterocarpum	Yellow Gulmohar	8	Deciduous treewith orange-yellow fragrant flowers, Ornamental tree,
6	Cassia fistula	Bahava	9	Native, Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
7	Bauhinia racemosa	Apta	10	Native, Small tree with small white flowers, Butterfly host plant
8	Butea monosperma	Flame tree	9	Native, Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
9	Pithecellobium saman	Rain tree	10	Fast-growing, Flowering tree
10	Pongamia pinnata	Karanj	10	Deciduous, Native, Flowering
11	Caryota urens	Fish Tail palm	9	Native, Tall evergreen tree
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 :**	The source of power is MSEB
	During Construction Phase: (Demand Load)	25 KVA
	DG set as Power back-up during construction phase	No
	During Operation phase (Connected load):	500 KVA
	During Operation phase (Demand load):	350 KVA
	Transformer:	500 KVA
	DG set as Power back-up during operation phase:	Two DG set having 100 KVA & 250 KVA capacities will be used in case of power failure
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Energy Conservation Methods
1.LEDs :
2. Solar Net-Metering : 100 KW
3. Variable Frequency Drive (VFD)
4. STAR RATED HT TRANSFORMER
5. IE2 / IE 3
6. Extra Thick Aramacell Insulation on Chilled brine Lines / Brine Chiller
7. Dense Pipeline Insulation by pipe sections

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LEDs	750 kwH/Month
2	Solar Net-Metering	12000 KwH/ Month
3	1. Variable Frequency Drive (VFD) 2. STAR RATED HT TRANSFORMER 3. IE2 / IE 3 4. Extra Thick Aramacell Insulation on Chilled brine Lines / Brine Chiller	Energy Conservation by 7 %
4	Dense Pipeline Insulation by pipe sections	Energy Conservation by 5 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	NA	ETP/ STP
Air	NA	Adequate Stack Height as per CPCB norms
Noise	NA	Acoustic Enclosures
Solid waste	NA	Sent to authorized agency

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	95 Lacs
	O & M cost:	2.5 Lacs 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	Occupational Health	NA	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 Pollution	Air Pollution Control Measures- Stack as per CPCB norms	16.0	0.50/Y
2	Water Pollution	Water Pollution Control Measures- ETP, STP, MEE etc	80.0	32.00/ Y
3	Noise Pollution	Noise Pollution Control	2.0	0.50
4	Environment Monitoring and Management	Environment Monitoring and Management	-	1.00
5	Occupational Health	Occupational Health	5.0	0.5
6	Green Belt	Green Belt Development	5.0	2.00
7	Rain Water Harvesting	Rain Water Harvesting	5.0	0.5
8	Solid waste management	Solid waste management	10.0	0.5
9	Energy Conservation	Energy Conservation Measures	95.0	2.5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Separate Storage facility in the industry	NA	Confined Storage	100 MT	80 MT	50 MT	Local Vendor	By Road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	325 sqm
	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:	Nearest Road- NH- 9 (1 km in South-West direction)
	Width of all Internal roads (m):	6 m
	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)
	Court cases pending if any	NA
	Other Relevant Informations	No
	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 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.

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

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA report as per standard TOR and additional TOR points mentioned below.

Specific Conditions by SEAC:

1) PP to provide road width of six meters around all manufacturing units and hazardous storage units having turning radius of nine meters.
2) PP to provide 33% green coverage.
3) PP to include product wise list of raw material and its quantity to be used in the EIA report.
4) PP to submit HAZOP and QRA report along with EIA report for individual product and its stages. This shall include spillage and leakage control protocols, procedures and mitigation measures.
5) PP to submit copies of On Site and Off Site Emergency plan.
6) PP to include details of handling of byproducts like reuse, disposal, sale to authorized vendor etc.
7) PP to submit copy of membership and permissions obtained from CETP for disposal of effluent.
8) PP to include detailed product wise material balance in the EIA report with quantities.

FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for RPG Life Sciences Ltd., Plot No- 25/25A, TTC MIDC, Pawne, Navi Mumbai 400703

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Modernization with change in product mix for manufacturing of Active Pharmaceutical Ingredients (API)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinod S. Narkhede (Assistant General Manager – EHS)
4.Name of Consultant	Goldfinch Engineering Systems Private Limited
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization with change in product mix
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No- 25/25A, TTC MIDC, Pawne, Navi Mumbai - 400703
9.Taluka	Navi-Mumbai
10.Village	Pawne Village
11.Area of the project	TTC MIDC, Pawne, Navi Mumbai
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 9352
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.)	34483 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.):
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	811000000

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)	9 m

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	A) Diuretic	-	-	-
2	1.Spironolactone etc.	0.3333	Deleted	Deleted
3	B) Anti-Psychotic	0.35	-	-
4	1. Haloperidol etc.	-	Continue	Continue
5	2.Haloperidol Decanoate etc	-	Continue	Continue
6	3. Risperidone etc.	-	Continue	Continue
7	4. Olanzapine etc.	-	Deleted	Deleted
8	5. Aripiprazole etc.	-	Deleted	Deleted
9	6. Quetiapine Hemifumarate etc.	-	Deleted	Deleted
10	C) Anti-Arrhythmic class I	0.0125	-	-
11	1. Disopyramide Phosphate etc.	-	Continue	Continue
12	D) Anti-Emetic	0.0100	-	-
13	1. Dimenhydrinate etc.	-	Deleted	Deleted
14	E) Anti-Diarrhoeal	1.000	-	-
15	1. Diphenoxylate HCL etc.	-	Continue	Continue
16	F) Immunosuppressant	1.6667	-	-
17	1. Azathioprine etc.	-	Continue	Continue
18	2. Mycophenolate Mofetil etc.	-	Continue	Continue
19	3. Mycophenolate Sodium etc.	-	Continue	Continue
20	4. Fingolimod etc.	-	Deleted	Deleted
21	G) Collinergic Blockers	0.1000	-	-
22	1. Propantheline Bromide etc.	-	Continue	Continue
23	H) Anthelmentic	0.1667	-	-
24	1. Quinfamide etc.	-	Continue	Continue
25	I) Anti-Thrombotic/Anti-Platelet	1.1250	-	-
26	1. Clopidogrel Bisulphate etc.	-	Continue	Continue
27	2. Clopidogrel Besylate etc.	-	Continue	Continue
28	3. Ticlopidine HCL etc.	-	Continue	Continue
29	J) Anti-Convusant	0.1250	-	-

30	1. Lamotrigine etc	-	Continue	Continue
31	K) Anti-Depressant	0.0525	-	-
32	1. Sertraline HCL etc.	-	Continue	Continue
33	2. Escitalopram oxalate etc.	-	Deleted	Deleted
34	L) Anti-Anginal	0.5000	-	-
35	1. Nicorandil etc.	-	Continue	Continue
36	2. Ivabradin HCL etc.	-	Deleted	Deleted
37	M) Anti-Alzheimer	0.0167	-	-
38	1. Donepezil etc.	-	Deleted	Deleted
39	N) Anti-Hypertensive	0.1250	-	-
40	1. Tolvaptan etc	-	Continue	Continue
41	2. Benidipine.HCl etc.	-	Continue	Continue
42	3. Solifenacin etc.	-	Continue	Continue
43	4. Irbesartan etc.	-	Deleted	Deleted
44	5. Lercanidipine HCL etc.	-	Deleted	Deleted
45	6. Eplirenone etc	-	Deleted	Deleted
46	7. Candisartan celextil etc.	-	Deleted	Deleted
47	8. Conivaptan etc	-	Deleted	Deleted
48	O) Anti-Migrane	0.0167	-	-
49	1. Eletriptan Etc.	-	Deleted	Deleted
50	P) Anti-Gout	0.0167	-	-
51	1. Febuxostat Etc.	-	Deleted	Deleted
52	Q) Anti-Obesity	0.0467	-	-
53	1. Orlistate Etc.	-	Deleted	Deleted
54	R) Anti-Viral	0.0167	-	-
55	1. Tamiflu Etc.	-	Deleted	Deleted
56	S) Anti-Ulcerant	0.2000	-	-
57	1. Pantaprazole Sequehydrate etc.	-	Continue	Continue
58	2. Lafutidine etc.	-	Deleted	Deleted
59	3. Pantaprazole Sodium etc	-	Added	Added
60	T) Anti-Hyperparathyroid	-	-	-
61	1. Cinacalcet.HCl etc.	-	Added	Added
62	TOTAL	5.88 MT/M	70.56 MTA	70.56 MTA
63	RPGLS shall manufacture any 15 products at a time on campaign basis.	-	-	-
64	After proposed change in product mix total production capacity will remain same, i.e. 5.88 TPM, however the production capacity will get change from Ton per month to Ton per Annum which will become 70.56 TPA.	-	-	-

32.Total Water Requirement

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	70	0	70	10	0	10	60	0	60
Industrial Process	160	0	160	52	0	52	108	0	108
Cooling tower & thermopack	60	0	60	48	0	48	12	0	12
Gardening	60	0	60	60	0	60	0	0	0
Fresh water requirement	350	0	350	170	0	170	180	0	180

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 :	1) 15 KL - 3 Nos. - Petroleum Class "A" - Bulk Petroleum Storage 2) 7 KL - 3 Nos. - Petroleum Class "A" - Bulk Petroleum Storage 3) 400 KL - 1 Nos. - MIDC Water & Fire Water - Fire water & Water Storage tank
35.Storm water drainage	**Natural water drainage pattern:**	Proper and separate storm water drains available, as per natural slope.
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	60
	STP technology:	Sewage treated in septic tank and overflow pumped to aeration tank of ETP for combined treatment
	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:**	1) Paper, Wood, Plastic and Metals - 18 MTA, 2) Discarded, Detoxicated containers / Barrels (M.S./HDPE Drums 200 Ltrs. Cap.) - 684 Nos./A, 3) Garbage like Paper, Corrugated Boxes, Plastics, Fibre drums, Brooms, Wipers, Floor cleaning mops, Tea cups, disposable approns, head caps & shoe covers etc. 36 MTA.
	Wet waste:	NA
	Hazardous waste:	644.960 MTA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	1) Sale to authorized party, 2) Reuse / Sale to authorized party, 3) Sale to authorized party respectively.
	Wet waste:	NA
	Hazardous waste:	1) CHWTSDF, MWML, Taloja, 2) Returned to battery manufacturer through authorized dealer on buy back procurement, 3) Sale to authorized E-Waste dismanlers / Recyclers.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Area of storage of raw materials/products & Area of storage of Hazardous & No-hazardous Waste
	Area for the storage of waste & other material:	1) storage of raw materials/products - 2560 Sq. m , 2) storage of Hazardous & No-hazardous Waste - 324 Sq. m.
	Area for machinery:	1) Area used for manufacturing - 3398 Sq. m, 2) Area used for utilities (Boilers, Thermopacks, chimneys, D G sets, Cooling towers, ETP and STP) - 1576 Sq.m.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	81.10 Crs.
	O & M cost:	1.622 Crs.

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	PH	-	8.0 - 10.0	7.5 - 8.0	5.5 to 9.0
2	COD	Mg/Lit.	7000 - 8000	100 -160	250
3	BOD (3 days at 27 OC)	Mg/Lit.	3000 - 4000	50 - 60	100
4	TSS	Mg/Lit.	1500 - 2000	60 - 70	100
5	TDS	Mg/Lit.	2000 - 3000	700 - 800	2100
6	Oil & Grease	Mg/Lit.	6 - 8	< 10	10

Amount of effluent generation (CMD):	Trade Effluent: 120 CMD; Domestic : 60 CMD
Capacity of the ETP:	200 CMD
Amount of treated effluent recycled :	Nil
Amount of water send to the CETP:	200 CMD
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Conventional ETP having Primary, Secondary and Tertiary treatment and treated effluent sent to TBIA CETP.
Disposal of the ETP sludge	CHWTSDF, MWML, Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Sludge & Filters contaminated with oil	3.3	MT/A	5.4	0	5.4	CHWTSDF, Taloja
2	Used / Spent Oil	5.1	MT/A	1.44	0	1.44	Sale to authorized recyclers / CHWTSDF, Taloja
3	Distillation Residue	20.3	MT/A	5.4	0	5.4	CHWTSDF, Taloja
4	Residue & Wastes*	28.1	MT/A	134.4	0	134.4	Sale to authorized recyclers / CHWTSDF, Taloja
5	Spent Catalyst	28.2	MT/A	8.0	0	8.0	CHWTSDF, Taloja
6	Spent Carbon	28.3	MT/A	22.0	0	22.0	CHWTSDF, Taloja
7	Off Specification products	28.4	MT/A	2.88	0	2.88	CHWTSDF, Taloja
8	Date expired products	28.5	MT/A	0.72	0	0.72	CHWTSDF, Taloja

9	Spent Solvents	28.6	MT/A	384.0	0	384.0	Reuse / Sale to MPCB authorized party / CHWTSDF, Taloja
10	Empty Barrels/Containers/Liners contaminated with Hazardous Chemicals/Wastes	33.1	MT/A	24.0	0	24.0	Reuse / Sale to MPCB authorized party / CHWTSDF, Taloja
11	Spent Ion Exchange resin containing toxic metals	35.2	MT/A	0.36	0	0.36	CHWTSDF, Taloja
12	Chemical sludge from waste water treatment	35.3	MT/A	50.0	0	50.0	CHWTSDF, Taloja
13	Oil & Grease skimming residue	35.4	MT/A	4.8	0	4.8	CHWTSDF, Taloja
14	Used Batteries	-	MT/A	0.360	0	0.360	Returned to battery manufacturer through authorized dealer on buy back procurement
15	E-Waste	-	MT/A	1.2	0	1.2	Sale to authorized E-Waste dismanlers / Recyclers.
16	Non Hazardous Wastes	-	-	-	-	-	-
17	Paper, Wood, Plastic and Metals	-	MT/A	18.0	0	18.0	Sale to authorized party
18	Discarded, Detoxicated containers / Barrels (M.S./HDPE Drums 200 Ltrs. Cap.)	-	Nos./A	684.0	0	684.0	Reuse/Sale to authorized party
19	Garbage like Paper, Corrugated Boxes, Plastics, Fibre drums, Brooms, Wipers, Floor cleaning mops, Tea cups, disposable approns, head caps & shoe covers etc.	-	MT/A	36	0	36	Sale to authorized party

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 Boiler	PNG - 41.6 SCM/hr.	1	33.3	0.525	145 oC
2	As Optional Fuel for Existing Boiler	FO - 41.6 Kg/hr.	-	-	-	-
3	Existing D G set	HSD - 104 Kg/hr.	1	10 M from ground	0.2	40 oC

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	PNG	41.6 SCM/hr.	0	41.6 SCM/hr.
2	FO (As Optional Fuel)	41.6 Kg/hr.	0	41.6 Kg/hr.
3	HSD	104 Kg/hr.	0	104 Kg/hr.
41.Source of Fuel		1) PNG - Mahanagar Gas Limited, 2) FO & HSD - Local Market		
42.Mode of Transportation of fuel to site		1) PNG - Direct Pipeline, 2) By Road		

43.Green Belt Development	**Total RG area :**	12414 Sq.m
	No of trees to be cut :	Nil
	Number of trees to be planted :	Around 3585 nos.
	List of proposed native trees :	Wad, Pimpal, Kaduneem, Ashoka, Umber, Kadamba, Suru, Nilgiri, Gulmohor etc.
	Timeline for completion of plantation :	Trees and shrubs already planted at the site

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 :**	MSEDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	2975 KW
	During Operation phase (Demand load):	Electric Supply of MSEDCL is available through two different feeders where regular power supply from any of one is always available.
	Transformer:	1) 500 KVA. 2) 500 KVA, 3) 1000 KVA
	DG set as Power back-up during operation phase:	625 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

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	By dispersal into atmosphere through chimney of adequate height.	-
Water	Conventional ETP having Primary, secondary and Tertiary treatment, treated effluent is being sent to CETP	-
Noise	Separate room is provided for existing D.G of 625 KVA & PPE	-

Solid Waste	Hazardous waste is being dispose to CHWTSDF , Taloja & will be sold to MPCB authorized party.	-

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	84.5 Lacs
	O & M cost:	12.2 Lacs

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	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	AIR POLLUTION CONTROL	Scrubber	1	0.1
2	WATER POLLUTION CONTROL	Effluent Treatment Plant 3	3	0.5
3	NOISE POLLUTION CONTROL	Anti-Vibration Pads 0.25	0.25	0
4	OCCUPATIONAL HEALTH	1) Medical Check-up 2) Health Insurance Policy 3) Medical Staff charges 4) In-House First Aid Room 5) Other infrastructure and Equipment	2	1.5
5	GREEN BELT	-	1	0.5
6	HAZARDOUS WASTE STORAGE & DISPOSAL	-	1.75	-
7	Total	-	9	2.6

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
(2-(2,3-Dichlorophenyl)-Guanidinoimino)	Solid	Ware house	0.5	0.4	0.1133	Local	By Road
(S)-methyl 2-(2-chlorophenyl)-2-(6,7-di	Solid	Ware house	0.25	0.25	0.0292	Local	By Road
10% palladium on charcoal	Solid	Ware house	0.01	0.005	0.0007	Local	By Road
2 - amino pyridine	Solid	Ware house	0.15	0.15	0.0458	Local	By Road
2-chloromethyl-3,4-dimethoxy pyri hydro	Solid	Ware house	0.5	0.5	0.4898	Local	By Road
2-furoic acid	Solid	Ware house	0.5	0.45	0.1292	Local	By Road
4 bromo 2-2 diphenyl butyro nitrite	Solid	Ware house	0.5	0.34	0.2395	Local	By Road
4-(2-4-Difluoro benzoyl oxime)-piprodine	Solid	Ware house	0.2	0.16	0.0800	Local	By Road
4-chloro phenyl 4hydroxy piperidine(CPP)	Solid	Ware house	0.5	0.36	0.2129	Local	By Road
5-difluromethoxy-2-mercapto-1h-benimidaz	Solid	Ware house	0.5	0.49	0.4803	Local	By Road
5Chloro1methyl1H-imidazole Nitrate	Solid	Ware house	0.2	0.14	0.0834	Local	By Road
70 % sulphuric acid CP	Liquid	Tank Farm	0.2	0.2	0.0167	Local	By Road
Acetic acid glacial	Liquid	Tank Farm	0.25	0.235	0.0979	Local	By Road
Acetone	Liquid	Tank Farm	22	9.98	9.2308	Local	By Road
15 Acetonitrile	Liquid	Tank Farm	0.8	0.64	0.3333	Local	By Road
Activated carbon	Solid	Ware house	0.4	0.36	0.3308	Local	By Road
Alpha acetyl gamma butyrolactone	Liquid	Tank Farm	0.5	0.48	0.0800	Imported	By Ship
Amino amide pure	Solid	Ware house	0.01	0.01	0.0008	Local	By Road
Ammonium sulphate	Solid	Ware house	1.5	1.5	1.1625	Local	By Road
Caustic potash flakes	Solid	Ware house	0.5	0.4	0.1833	Local	By Road
Caustic soda flakes	Solid	Ware house	1.5	1.2	0.5167	Local	By Road
Caustic soda lye	Liquid	Tank Farm	10	8.126	7.3543	Local	By Road

Caustic soda pallets	Solid	Ware house	0.1	0.1	0.0250	Local	By Road
Chloro fluoro butyrophenone(CFB)	Liquid	Tank Farm	0.5	0.36	0.1500	Local	By Road
Chloroform	Liquid	Tank Farm	2	2	0.9567	Local	By Road
Commercial Hydrogen cylinder	Gas	Shed	0.01	0.01	0.0041	Local	By Road
Commercial Nitrogen cylinder	Gas	Shed	0.015	0.012	0.0612	Local	By Road
Decanoic acid (N-capric acid)	Liquid	Tank Farm	0.2	0.18	0.0300	Local	By Road
Denatured absolute alcohol (5% acetone)	Liquid	Tank Farm	10	10	2.5833	Local	By Road
Di-isopropyl amino ethyl chloride HCL	Solid	Ware house	0.15	0.135	0.0336	Local	By Road
Dichloro acetyl chloride	Liquid	Tank Farm	1	1	0.2083	Imported	By Ship
Diethanolamine	Liquid	Tank Farm	0.8	0.63	0.1575	Local	By Road
Diethyl oxalate	Liquid	Tank Farm	2	1.75	0.8542	Local	By Road
Dimethyl formamide	Liquid	Tank Farm	2.09	2.09	1.0392	Local	By Road
Ethyl acetate	Liquid	Tank Farm	5	4.2	3.9725	Local	By Road
Fuming nitric acid	Liquid	Tank Farm	1	0.645	0.2625	Local	By Road
Glycerine	Liquid	Tank Farm	2.5	2.5	1.0000	Local	By Road
Hexane	Liquid	Tank Farm	10	2.4	1.8000	Local	By Road
Hydrobromic acid (aqueous 48%)	Liquid	Tank Farm	5	4.8	2.1250	Local	By Road
Hydrochloric acid	Liquid	Tank Farm	2.5	2.07	4.4883	Local	By Road
Hyflo supercel (Celite)	Solid	Ware house	0.25	0.25	0.0868	Local	By Road
Hypoxanthine	Solid	Ware house	0.5	0.5	0.5000	Imported	By Ship
IS, CIS-Sertraline Mandelate	Solid	Ware house	0.4	0.4	0.1667	Local	By Road
Iso propyl alcohol	Liquid	Tank Farm	5	1.28	0.4000	Local	By Road
Isopropyl alcohol HCl solution (20%)	Liquid	Tank Farm	0.3	0.3	0.8500	Local	By Road
Isopropyl ether	Liquid	Tank Farm	5	3.8	1.6250	Local	By Road
Liquor ammonia	Liquid	Tank Farm	1	0.8	0.9667	Local	By Road
MCA Solution	Liquid	Tank Farm	0.025	0.025	0.0167	Local	By Road
Methanol	Liquid	Tank Farm	22	10.48	14.0993	Local	By Road
Methyl bromide pure	Gas	Shed	0.06	0.06	0.0350	Local	By Road
Methyl ethyl ketone	Liquid	Tank Farm	1.5	1.155	0.4533	Local	By Road
Methylene chloride	Liquid	Tank Farm	20	16.32	12.8025	Local	By Road
Mincare solution	Liquid	Tank Farm	0.02	0.02	0.0050	Local	By Road
Mono methylamine	Liquid	Tank Farm	2	1.87	1.0683	Local	By Road
Nicotinic acid	Solid	Ware house	0.2	0.2	0.0375	Local	By Road
Nitric acid LR grade	Liquid	Tank Farm	0.6	0.6	0.3292	Local	By Road
P-chloro nitro benzene	Solid	Ware house	0.5	0.45	0.1875	Local	By Road
Para anisidine	Solid	Ware house	1	0.725	0.2417	Local	By Road
Para toluene sulphonyl chloride	Solid	Ware house	1.5	1.35	0.3375	Local	By Road
Phenyl acetonitrile (Benzyl Cyanide)	Liquid	Tank Farm	1	0.84	0.1225	Local	By Road
Phosphorous oxychloride	Liquid	Tank Farm	0.2	0.2	0.0875	Local	By Road
Phosphorous pentachloride	Liquid	Tank Farm	3.5	3.36	2.3900	Local	By Road
Pyridine	Liquid	Tank Farm	3.5	3.15	2.0563	Local	By Road
Raney nickel	Solid	Ware House	0.1	0.09	0.0300	Local	By Road
Rec isopropyl ether	Liquid	Tank Farm	5	4.8	5.8242	Local	By Road
Recovered MDC	Liquid	Tank Farm	10	9	4.6619	Local	By Road
Recovered Toluene	Liquid	Tank Farm	10	4.5	2.5348	Local	By Road
Reprocess - 10% palladium on charcoal	Solid	Ware House	0.01	0.008	0.0014	Local	By Road
Sodium bi carbonate	Solid	Ware House	1.5	1.5	0.6667	Local	By Road
Sodium Borohydride	Solid	Ware House	2	2	0.1667	Local	By Road
Sodium Carbonate	Solid	Ware House	1.3	1.3	2.1750	Local	By Road
Sodium chloride	Solid	Ware House	1.1	1.1	0.3292	Local	By Road
Sodium hypochlorite	Liquid	Tank Farm	3	2.4	2.5850	Local	By Road
Sodium meta bi sulphite	Solid	Ware House	0.05	0.05	0.0125	Local	By Road
Sodium Sulphate	Solid	Ware House	1	1	0.6250	Local	By Road
Sodium thiosulphate	Solid	Ware House	0.2	0.2	0.0667	Local	By Road
Sulphuric acid CP	Liquid	Tank Farm	1.5	1.5	0.7458	Local	By Road
Sulphuric acid L.R.	Liquid	Tank Farm	1.7	1.7	1.9875	Local	By Road
Tetra butyl ammonium bromide	Solid	Ware House	0.2	0.2	0.0296	Local	By Road
Thionyl chloride	Liquid	Tank Farm	1.8	1.8	0.4750	Local	By Road
Toluene	Liquid	Tank Farm	22	4.87	6.8415	Local	By Road
Triethylamine	Liquid	Tank Farm	0.5	0.45	0.1500	Local	By Road
Trimethyl ortho formate	Liquid	Tank Farm	0.8	0.8	0.3333	Local	By Road
Ultra High Purity (UHP)Nitrogen Cylinder	Gas	Shed	0.005	0.005	0.0021	Local	By Road

Xanthalene-9-carboxylic (xanthanoic)acid	Solid	Ware House	0.15	0.15	0.0338	Imported	By Ship

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:	4325 Sq.m.
	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):	9 m
	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
	Court cases pending if any	NA
	Other Relevant Informations	1) RPGLS shall manufacture any 15 products at a time on campaign basis.2) After proposed change in product mix total production capacity will remain same, i.e. 5.88 TPM, however the production capacity will get change from Ton per month to Ton per Annum which will become 70.56 TPA.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	07-06-2017

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 for expansion of existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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

PP informed that the proposal in only for modernization by additing two products and there will be no expansion.

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA report as per standard TOR and additional TOR points mentioned below.

Specific Conditions by SEAC:

1) PP to submit copies of all the consent obtained from the existence of the unit. PP to submit self certificate for not changing any product mix, quantity, pollution load from the existence of the unit and not violated any requirement of EIA Notification, 2006 and amendments thereof.
2) PP to submit detailed material balance along with quantities of raw materials, waste generation etc.
3) PP to submit list of spent catalyst to be generated on site, its quantity per batch , per year, and its treatment and disposal plan.
4) PP to include toxic and hazardous chemical handling protocol in the EIA report.
5) PP to include product wise, stage wise waste generation along with its name and quantity in the EIA report; PP also to add note on the methodology ado[ted to reduce the generation of hazardous waste and submit a report along with EIA report.
6) PP to provide 33% green belt as per National Forest Policy.
7) PP to submit copies of HAZOP study, QRA and On Site/Off Site Emergency Plan.

FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Proposed expansion of Taloja CETP from 22.5 MLD to 27.5 MLD by Taloja CETP Co-op Society Ltd

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Proposed expansion of Taloja CETP from 22.5 MLD to 27.5 MLD by Taloja CETP Co-op Society Ltd
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sandeep A. Dongare
4.Name of Consultant	ABC Techno Labs India Pvt Ltd ; Office Add: A-355, Balaji Bhavan, Plot 42 A, Sect 11, CBD Belapur, Navi Mumbai 400614 ; Tel : 022-2758 0044/55 ; Email ID: chaitanyasathe@abctechnolab.com
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion/Modernisation
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	P-24 & G-8
9.Taluka	Panvel
10.Village	Taloja
11.Area of the project	MIDC Taloja
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 33038
13.Note on the initiated work (If applicable)	None
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.):
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	250598956

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)	1.5 km

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Existing CETP including Admin Block
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	Treated Effluent	22.5 MLD	5 MLD	27.5 MLD

32.Total Water Requirement

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

33.Details of Total water consumed

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

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	The total Existing water consumption is 15 CMD including 10 CMD of Domestic use.	0	10	2	0	2	8	0	8
Industrial Process	The total Existing water consumption is 15 CMD including 10 CMD of Domestic use.	5	5	0	0	0	0	0	0
Gardening	The total Existing water consumption is 15 CMD including 10 CMD of Domestic use.	0	5	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):	In future the rainwater from the roof area will be carried down by down take pipes and discharged into the collection tank from where it will be used for processing plants and landscaping. The surface runoff will be diverted to the nearby storm water drain.
	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:**	The storm water will have a natural flow and will be discharged into near by Storm Water Drain.
	Quantity of storm water:	-
	Size of SWD:	6m x 2m
Sewage and Waste water	**Sewage generation in KLD:**	8 m3/day of sewage will be generated
	STP technology:	Sewage generated will be treated in the CETP itself.
	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:**	The solid waste generation on the proposed site will be due to the various construction materials like cement, bricks, steel, sand stone, paint and varnishes.
	Disposal of the construction waste debris:	Most of the construction materials like soil, bricks, concrete will be reused for back filling and road construction works
Waste generation in the operation Phase:	**Dry waste:**	Municipal solid waste generation will be negligible
	Wet waste:	Municipal solid waste generation will be negligible
	Hazardous waste:	After expansion a total 16 MT/day of sludge will be generated.
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	Will be handled by Local Body
	Wet waste:	Will be handled by Local Body
	Hazardous waste:	It will be disposed to MPCB authorized CHWTSDF, Taloja.
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Sludge Drying Beds for Sludge (For CETP)
	Area for the storage of waste & other material:	2169 m2
	Area for machinery:	48.5 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1,67,00,000
	O & M cost:	50,00,000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	COD	mg/L	2700	250	250
2	BOD	mg/L	1000	100	100
3	TSS	mg/L	500	100	100
4	pH	-	5.5-9.0	7.3-7.7	7.3-7.7

Amount of effluent generation (CMD):	27.5 MLD (CETP)
Capacity of the ETP:	27.5 MLD (CETP)
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	Note on CETP technology attached as annexure
Disposal of the ETP sludge	16 MT/day of CETP sludge will be generated which will be disposed to CHWTSDF, Taloja.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	34.3	MT/day	7	9	16	CHWTSDF, Taloja

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 sets (750 kVA)	High Speed Diesel	1	3.5m (above roof)	0.3	125°C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	High Speed Diesel	-	-	Will be required only in case of power failure

41.Source of Fuel	-
42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	6000 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	1200 (Existing + Proposed trees)
	List of proposed native trees :	Cassia Fistula, Neolamarckia Cadamba, Butea Monosperma, Holoptelea Integrifolia, Schleichera Oleosa, Xylia Xylocarpa, Bombax Ceiba, Terminalia Elliptica, Terminalia Paniculata, Helicteres Isora, Cordia Dichotoma, Macaranga Peltata, Derris Indica, Azadirachta Indica, Oroxylum Indicum, Trema Orientalis
	Timeline for completion of plantation :	With Completion of Construction phase.

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	Cassia Fistula	Caesalpiniaceae	60	Cassia fistula is widely grown as an ornamental plant in tropical and subtropical areas.It will grow well in dry climates. It is relatively drought-tolerant and slightly salt-tolerant. It will tolerate light brief frost too
2	Neolamarckia Cadamba	Rubiaceae	60	The fruit and inflorescences are reportedly edible by humans. The fresh leaves are fed to cattle.
3	Butea Monosperma	Fabaceae	70	It is used for timber, resin, fodder, medicine, and dye. The wood is dirty white and soft and, being durable under water, is used for well-curbs and water scoops.
4	Holoptelea Integrifolia	Ulmaceae	80	The bark of Indian Elm is used in rheumatism. Seed and paste of stem bark is used in treating ringworm. Bark and leaves are used for treating oedema, diabetes, leprosy and other skin diseases, intestinal disorders, piles and sprcue
5	Schleichera Oleosa	Sapindaceae	45	The tree is host to Kusumi Lac, which is native to India. Its seeds are the source of Kusum oil.
6	Xylia Xylocarpa	Mimosaceae	85	The seeds of this tree are edible.This tree is considered a medicinal plant in India
7	Bombax Ceiba	Bombacaceae	80	Spikes on stem can be ground and applied to face for treatment against acne.
8	Terminalia Elliptica	Combretaceae	80	The wood is used for furniture, cabinetwork, joinery, paneling, specialty items, boat-building, railroad cross-ties (treated), and decorative veneers.
9	Terminalia Paniculata	Combretaceae	75	The heartwood is dark grey, the sapwood a lighter grey. The wood is very hard. The wood is improved by being kept under water.It makes good planks and is used for agricultural implements. The wood is very useful for ship building and is used as substitute for teak.

10	Helicteres Isora	Sterculiaceae	80	The roots and the bark are used as an expectorant, demulcent, constipating and lactifuge and useful in colic, scabies, gastropathy, diabetes, diarrhoea and dysentery. The fruits are used as astringents, refrigerant, stomachachic, antispasmodic, haemostatic and vermifuge.
11	Cordia Dichotoma	Boraginaceae	80	The leaves also yield good fodder. The seed kernel has medicinal properties.
12	Macaranga Peltata	Euphorbiaceae	85	The major use of Macranga Peltata (Vatta) is for making Wooden Pencils and Plywood Industry.
13	Derris Indica	Fabaceae	80	Derris indicais is one of the few nitrogen fixing trees (NFTS) to produce seeds containing 30- 42% oil. The seed oil is an important asset of this tree having been used as lamp oil, in soap making, and as a lubricant for thousands of years.
14	Azadirachta Indica	Meliaceae	80	Neem oil is used for preparing cosmetics such as soap, shampoo, balms, and creams as well as toothpaste
15	Oroxylum Indicum	Bignoniaceae	80	The tree is often grown as an ornamental for its strange appearance. Materials used include the wood, tannins and dyestuffs.
16	Trema Orientalis	Cannabaceae	80	The bark can be used for making string or rope, and used as waterproofing fishing-lines. In India and Tanzania, the wood is used to make charcoal.
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 :**	Maharashtra State Electricity Distribution Co. Ltd
	During Construction Phase: (Demand Load)	921 KVA
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	180 kVA
	During Operation phase (Demand load):	180 kVA
	Transformer:	1000 KVA
	DG set as Power back-up during operation phase:	1 x 750 kVA
	Fuel used:	High Speed 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	-	-

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:**	25,00,000
	O & M cost:	10,55,000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	Dust control	0.75
2	Site Sanitation, Safety & Disinfection	Workers health	2.0
3	Environmental Monitoring	Air, Water, Noise, Soil sampling & testing	5.0
4	Health Check up	Routine Health checkup for workers	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	-	10.0	2.0
2	Water Pollution Control	-	5.0	2.0
3	Environment Monitoring And Management	Air, Water, Noise, Soil sampling	5.0	8.0
4	Occupational Health	Routine Health checkup for workers	0.5	1.0
5	Green Belt	Tree pantation and green belt development	1.0	2.0
6	Solid waste management	-	1.0	180.0

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
Poly Aluminum chloride	-	FRP Tank	-	80 Tons	500	Local Industires	By Road
Polyelectrolyte	-	Chemical House	-	-	0.2	Local Industires	By Road
Ferrous Sulphate	-	Chemical House	-	-	8	Local Industires	By Road
Lime	-	Chemical House	-	-	10	Local Industires	By Road

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:	178.5 m2
	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):	5 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	More than 10 km radius
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	None
	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

TOR was approved by earlier SEAC-I in their 117th meeting held on 29th and 30th December, 2015 under category 7(h)B1. Now PP submitted EIA report for appraisal.

PP gave presentation for their proposal on expansion of CETP from 22.5 MLD to 27.5 MLD. The CETP presently caters to 977 industries. It was established in the year 1999 as a 10 MLD CETP.

DECISION OF SEAC

SEAC-I decided to recommend the proposal for prior Environment Clearance.

Specific Conditions by SEAC:

1) PP to maintain 33% green coverage on site and submit a copy of plan showing location of green belt.
2) PP to submit copy of tripartite agreement with industries, MIDC and Industrial Association.
3) PP to submit layout plan showing entry and exit of the tankers in case effluent transferred by tanker.
4) PP to obtain and submit letter from MIDC mentioning the work of storm water drain is completed and there is no risk of flooding.
5) PP to comply with the conditions laid down by MPCB for treated effluent and its disposal.

FINAL RECOMMENDATION

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

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Pigments Manufacturing Plant (Synthetic Organic Chemical Industry: 5(f))

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	Pigments Manufacturing Plant
2.Type of institution	Private
3.Name of Project Proponent	Sapphire Pigments Private Limited., Mr. Hetal Shah Managing Director A-1/12 phase II, GIDC, Vatva, Ahmedabad – 382 445 hetal1961@gmail.com Phone: 9825009313 Fax: 9140099313
4.Name of Consultant	Ultra-Tech (Environmental Consultancy & Laboratory)
5.Type of project	Industrial
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. FS- 34, Mahad Five star Industrial area, MIDC, Mahad, Raigad, Maharashtra
9.Taluka	Mahad
10.Village	Amshet
11.Area of the project	MIDC Mahad
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 2191.59
13.Note on the initiated work (If applicable)	No work Initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8000 Sq.m.
16.Deductions	00
17.Net Plot area	8000
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.): 2191.59
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	50000000

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)	More than 100 ft

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	15m
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	CPC Blue	NA	100	100
2	Alpha Blue	NA	40	40
3	Beta Blue	NA	40	40
4	Green 7	NA	25	25
5	Turquoise Blue	NA	10	10
6	Total	Total	215	215

32.Total Water Requirement

Dry season:	**Source of water**	MIDC, Five star Mahad
	Fresh water (CMD):	93
	Recycled water - Flushing (CMD):	49.5 (used in process)
	Recycled water - Gardening (CMD):	17.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	93
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	25
Wet season:	**Source of water**	MIDC, Five star Mahadlicable
	Fresh water (CMD):	93
	Recycled water - Flushing (CMD):	49.5 (used in process)
	Recycled water - Gardening (CMD):	17.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	93
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	25

Details of Swimming pool (If any)	NA

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	2.5	2.5	0	0	0	0	2.5	2.5
Industrial Process	0	90.5	90.5	0	34.5	34.5	0	72	72
Gardening	0	17.5	17.5	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	10- 15 m
	Size and no of RWH tank(s) and Quantity:	1000 lil
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 10 Lacs
	Budgetary allocation (O & M cost) :	Rs. 3 lacs/annum
	Details of UGT tanks if any :	3 Cum
35.Storm water drainage	**Natural water drainage pattern:**	Towards south west
	Quantity of storm water:	Quantity of storm water: 800 m3/hr (max.)
	Size of SWD:	500 mm
Sewage and Waste water	**Sewage generation in KLD:**	2
	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:**	19
	Wet waste:	8
	Hazardous waste:	15 MT/day
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	Coal ash – 200 kg/day Plastic drum – 2 no./day spent oil 0.2 MT/year

Mode of Disposal of waste:	**Dry waste:**	Handed over to the authorised recyclers
	Wet waste:	Composting
	Hazardous waste:	Disposal at CHWTSDF / Brick Manufacturing
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	Authorised recycler
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:**	Rs. 5 Lacs
	O & M cost:	Rs. 8 Lacs/annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	pH unit	2.5	7.5	5.5 – 9.0
2	Color	Co-pt unit	1810	89	-
3	SS	Mg/l	600	92	Max. 100
4	TDS	Mg/l	3500	2800	-
5	COD	Mg/l	4000	210	Max.250
6	BOD	Mg/l	1100	46	Max. 100
7	Oil & grease	Mg/l	15.0	7.0	Max. 10
8	Copper	Mg/l	12.7	1.8	-
9	Ammonical Nitrogen	Mg/l	2000	45	<50

Amount of effluent generation (CMD):	74.5
Capacity of the ETP:	125 Cum
Amount of treated effluent recycled :	49.5
Amount of water send to the CETP:	25
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Effluent is collected in the collection tank (RCC Brick line underground tank). The collected effluent is then sent for Neutralisation tank, where pH is maintained of the effluent. Neutralisation is done with Hydrated Lime under constant stirring. The neutral water is then clarified in Primary Clarifier. The sludge is the sent to sludge bed where it is dried and Gypsum is formed. The gypsum is sold as by-product or is disposed off to CHWTSDF. Filtrate from Primary Clarifier is sent for Biologica
Disposal of the ETP sludge	will be sent to CHW-TSDF Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	34.3 Chemical sludge from waste water treatment	-	NA	15 MT/ day	15 MT/ day	Sent to CHW-TSDF Taloja

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	Stack attached to Boiler & thermax fluid heaterstack	Coal	1	16	1.2	180

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	NA	Coal	Coal
2	Diesel DG set	NA	Diesel DG set	Diesel DG set
41.Source of Fuel		coal		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	Total RG area: 2797.96 m2
	No of trees to be cut :	-
	Number of trees to be planted :	1200
	List of proposed native trees :	all
	Timeline for completion of plantation :	2 year

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	Azadirachtaindica	Neem	100	Large tree, good for roadside plantation
2	Anthocephaluskadamba	Kadamba	90	Shady, large tree, ball shaped flowers.
3	Alstonia scholars	Saptaparni	120	Shady, large evergreen Tree, white fragrant flowers
4	Cassia fistula	Bahava	85	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
5	Mesuaferra	Nagchampa	70	It known for its fragrant flowers,
6	Micheliachampaca	Champa	50	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	Mimusopselengi	Bakul	70	Shady tree, small white fragrant flowers
8	Pongamiapinnata	Karanj	85	Shady tree.
9	Bauhineablackeana	Apta / Kanchan	65	Small tree with small white flowers, Butterfly host plant
10	Saracaasoca	Sita Ashok	90	Shady tree with red-yellow flowers.
11	Delonixregia	Gulmohar	90	flowering plant
12	Tectona grandis	Teak	80	tropical hardwood tree species placed in the flowering plant family Lamiaceae
13	Gardenia jasminoides	Ananta	70	evergreen flowering plant
14	Calistemonlanceolatus	Bottle Brush	55	flowering plant
15	Sesamum indicum	Seasam	80	flowering Plant
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)	49 KW
	DG set as Power back-up during construction phase	50kVA
	During Operation phase (Connected load):	150 KW
	During Operation phase (Demand load):	112 KW
	Transformer:	-
	DG set as Power back-up during operation phase:	50 KVA
	Fuel used:	Diesel
	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
ETP	NA	1
DG set	NA	1

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	Air	Dust supression and monitoring	1.92
2	Water	tanker for construction and monitoring	3.6
3	Land	Site sanitation & toilets	3
4	Biological	Plantation	2
5	Socio-economic env.	Disinfection- Pest Control ,First Aid Facilities , Health Check Up , protective equipment	2.18

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Emission control	stack	15	10
2	Water & Wastewater management	ETP	50	6

3	Solid Waste	Authorized recycler	5	8
4	Green Belt Development	Plantation	6	2
5	Monitoring	MOEF	2	1
6	Environmental Cell & PR	-	3	2
7	Other aspects like Rain Water Harvesting, Safety, Security etc	RWH tanketc.	10	3
8	Contingency	-	3	2

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
H2SO4 (98%)	Liquid	Near ETP	25KL	50 KL	320	Local	By road, tanker
HCl (30%)	Liquid	Near ETP	20 KL	40 KL	50	Local	By road, tanker
NITROBENZENE	Liquid	Near ETP	10 KL	10 KL	10	Local	By road, tanker
MONOCHLOROBENZENE	Liquid	Near ETP	10 KL	10 KL	2	Local	By road, tanker
LIQUID AMMONIA	Liquid	Near ETP	10 KL	10 KL	100	Local	By road, tanker
NBA	Liquid	Near ETP	5KL	5KL	2	Local	By road, tanker
WATER	Liquid	Different location	5-100 KL	100 KL	240	MIDC	MIDC pipeline
Chlorine	Gas	Separate storage shed	2 MT	2 MT	28	Local	By road, tanker

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	**Number and area of basement:**	-
	Number and area of podia:	-
	Total Parking area:	960.57 Sq.m.
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	-
	Public Transport:	-
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	No

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 Km
	Category as per schedule of EIA Notification sheet	5 (f) B2
	Court cases pending if any	No
	Other Relevant Informations	1) We have submitted the application Form1 along with all necessary annexure and Pre feasibility report to State level Expert appraisal Committee on 19.10.16 vide Proposal no SIA/MH/IND2/17581/2016 through online and in hard copy too.2) Since the committee dissolved in month of October 2016, we have applied to EAC dated 4th January 2017 vide File No. F.No.- IA-J-11011/8/2017-IA-II(I) for consideration of our proposal. 3) Our Proposal considered in 18th Expert Appraisal Committee (Industry – II) (Item No. 18.10.3) for Terms of Reference (ToR)4) We have received ToR vide Minutes of meeting of 18th EAC and ToR letter (letter attached herewith5) We have started preparing EIA report on the basis of the same. and submitting herewith the EIA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	19-10-2016

Brief information of the project by SEAC

PP submitted their application for TOR. PP gave presentation for the same during the meeting.

DECISION OF SEAC

During deliberation comittee observed the following points,

The data filled by PP in above format is lacking at many places like layout plan showing clearcut road width and turning radius for the movement of emeregncy vehicles like fire tender etc., inadeqaute entry, exit to the plant, details of generation of hazardous waste, byproducts their quantities, treatment and dispsoal methods, detailed material balance, toxic chemicla handling etc.

During meeting, PP requested to delete the present consolidated statement and requested to allow to uplaod corrected consolidated statement along with other required document.

In view of above SEAC-I decided to delete the proposal and advised PP to submit a fresh proposal for TOR along with all requried documents and data as mentioned above.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for Proposed Bulk Drugs and Its Intermediates Manufacturing Unit

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	INCHEM Laboratories Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. P. Rajshekar Reddy
4.Name of Consultant	Equinox Environments India Pvt. Ltd., Kolhapur (MS)
5.Type of project	Not Applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New project (Proposed Bulk Drugs and Its Manufacturing Unit)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot No. C-7, Krushnoor MIDC, Tal.: Naigaon, Dist.: Nanded, State: Maharashtra
9.Taluka	Naigaon
10.Village	Krushnoor MIDC
11.Area of the project	Krushnoor MIDC area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 0.66
13.Note on the initiated work (If applicable)	Not Applicable as it is a proposed project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	2.8 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	8.25

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

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	Valproic Acid	0	99	99
2	Montelukast Sodium	0	3	3
3	Phenytoin Sodium	0	6	6
4	Etodolac	0	6	6
5	Esomeprazole Magnesium Trihydrate	0	3	3
6	Zinc Carnosine	0	6	6
7	6 – Amino Penicillinic Acid	0	21	21
8	Omeprazole	0	9	9
9	Bamiphylline Hydrochloride	0	9	9
10	Balofloxacin	0	6	6
11	Ractopamine Hydrochloride	0	3	3
12	Di Valproex Sodium	0	39	39
13	7 – Amino Des Acetoxy Cephalosporanic Acid	0	21	21
14	Rabeprazole Sodium	0	3	3
15	Ambroxol HCL	0	9	9
16	Bromohexine Hydrochloride	0	9	9
17	Sodium Valproate	0	21	21
18	Magnesium Valproate	0	21	21

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Water Supply Scheme
	Fresh water (CMD):	88.5
	Recycled water - Flushing (CMD):	50.8
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	149.3
	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 Water Supply Scheme
	Fresh water (CMD):	88.5
	Recycled water - Flushing (CMD):	50.8
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	149.3
	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	15	15	00	1	1	00	14	14
Industrial Process	00	78.5	78.5	00	9.7	9.7	00	81.08	81.08
Cooling tower & thermopack	00	45.8	45.8	00	40.8	40.8	00	5	5
Gardening	00	10	10	00	9	9	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Not applicable - Proposed Project
	Size and no of RWH tank(s) and Quantity:	Not applicable- Proposed Project
	Location of the RWH tank(s):	Not applicable- Proposed Project
	Quantity of recharge pits:	Not applicable- Proposed Project
	Size of recharge pits :	Not applicable- Proposed Project
	Budgetary allocation (Capital cost) :	Not applicable- Proposed Project
	Budgetary allocation (O & M cost) :	Not applicable- Proposed Project
	Details of UGT tanks if any :	Not applicable- Proposed Project

35.Storm water drainage	**Natural water drainage pattern:**	Not applicable - Proposed Project
	Quantity of storm water:	Not applicable- Proposed Project
	Size of SWD:	Not applicable- Proposed Project

Sewage and Waste water	**Sewage generation in KLD:**	14
	STP technology:	Primary- Secondary and Tertiary Treatment
	Capacity of STP (CMD):	One number and 15 KLD
	Location & area of the STP:	North west corner of the Plot
	Budgetary allocation (Capital cost):	Proposed Cost 50 Lakhs
	Budgetary allocation (O & M cost):	Proposed cost 5 lakhs

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:**	Boiler Ash
	Wet waste:	Not applicable- Proposed Project
	Hazardous waste:	Process (Organic & Inorganic) Residue, Spent Carbon, Chemical Sludge & Discarded Containers
	Biomedical waste (If applicable):	Not applicable- Proposed Project
	STP Sludge (Dry sludge):	Not applicable- Proposed Project
	Others if any:	--
Mode of Disposal of waste:	**Dry waste:**	Sold to Brick Manufacturers
	Wet waste:	Not applicable- Proposed Project
	Hazardous waste:	CHWTSDF and Authorized Reprocesor
	Biomedical waste (If applicable):	Not applicable- Proposed Project
	STP Sludge (Dry sludge):	Not applicable- Proposed Project
	Others if any:	--
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Within industrial premises
	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	pH	-	-	5.5 to 9	5.5 to 9
2	BOD	mg/l	-	< 30	< 30
3	COD	mg/l	-	< 250	< 250
4	COD	mg/l	-	< 250	< 250
5	SS	mg/l	-	< 100	< 100

Amount of effluent generation (CMD):	86.08
Capacity of the ETP:	90
Amount of treated effluent recycled :	Zero Liquid Discharge
Amount of water send to the CETP:	No any effluent would be forwarded to CETP
Membership of CETP (if require):	Not Applicable

Note on ETP technology to be used	Stream I (High COD & High TDS Effluent) and Stream II (Low COD & Low TDS Effluent) - RO, CPU and MEE technology would be used.
Disposal of the ETP sludge	CHWTSDF

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process Residue	28.1	MT/M	--	21.82	21.82	CHWTSDF
2	Spent Carbon	28.2	MT/M	--	1.8	1.8	CHWTSDF
3	Discarded Containers	33.3	Nos./Day	--	25	25	Authorized Re-processor
4	Chemical Sludge from Waste water treatment	34.3	Mt/M	--	3.15	3.15	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler - 4TPH	Coal - 24 Mt/Day	1	30	0.2	523 K
2	TFH - 10 lakh Kcal/hr.	Furnace oil (2.4 MT/Day) / Coal (3.5 MT/Day)	Common Stack	30	0.2	523 K
3	D.G.Set - 500 KVA	HSD - 60 lit/Hr.	1	14	0.1	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	--	27.5 MT/Day	27.5 MT/Day
2	HSD	--	60 Lt/Hr.	60 Lt/Hr.
3	Furnace oil	--	2.4 MT/Day	2.4 MT/Day
41.Source of Fuel		Local Supplier		
42.Mode of Transportation of fuel to site		Truck & Tanker		

43.Green Belt Development

Total RG area :	Proposed green belt area - 5790.75 Sq. M. (42 % of open space)
No of trees to be cut :	Not Applicable
Number of trees to be planted :	Proposed Plantation - 2427 numbers
List of proposed native trees :	Azadirachta indica (Neem), Derris indica (Karanj), Terminalia catappa (Indian Almond Tree) Cassia fistula (Bahava), Peltophorum pterocarpum (Copper Pod)
Timeline for completion of plantation :	After Commissioning of the project

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	--	Refer EIA report for more details
2	Derris indica	Karanj	--	Refer EIA report for more details
3	Terminalia catappa	Indian Almond Tree	--	Refer EIA report for more details
4	Cassia fistula	Bahava	--	Refer EIA report for more details
5	Peltophorum pterocarpum	Copper Pod	--	Refer EIA report for more details
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

Power requirement:	**Source of power supply :**	MSEB Grid
	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):	1000 to 1200 KVA
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	500 KVA DG Set
	Fuel used:	HSD -60 lit./Hr.
	Details of high tension line passing through the plot if any:	No any high tension line is passing through the plot

48.Energy saving by non-conventional method:

The measures for Energy saving by non - conventional method would be planned and implemented after procurement of Environmental Clearance.

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
Boiler (4 TPH) and TFH (10 Lakh KCal/Hr.)	--	Pulse Jet Type Bag Filter

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	305 Lakhs
	O & M cost:	46.5 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	--	--	--

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water and Wastewater	ETP (MEE & RO)	200	30
2	Air	Pulse Jet Type Bag Filter	50	5
3	Noise Level Management	Noise level management	10	--
4	Green Belt Development and Rainwater Harvesting	Green Belt Development and Rainwater Harvesting	15	1.5
5	Environmental Monitoring and Management	Environmental Monitoring and Management	--	5

6	Occupational Health and Safety	Occupational Health and Safety	30	5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Sodium Hydroxide	--	Storage Area	10	10	--	Authorized Supplier	Trucks (Bags)
Nitric Acid	--	Storage Area	3	3	--	Authorized Supplier	Trucks (Carboys)
Thionyl Chloride	--	Storage Area	2	2	--	Authorized Supplier	Trucks (Drums)
Methane Sulphonyl Chloride	--	Storage Area	0.5	0.5	--	Authorized Supplier	Trucks (Drums)
Potassium Hydroxide	--	Storage Area	0.5	0.5	--	Authorized Supplier	Trucks (Bags)
Hydrogen Peroxide	--	Storage Area	2	2	--	Authorized Supplier	Trucks (Carboys)
Sulphuric Acid	--	Storage Area	4	4	--	Authorized Supplier	Trucks (Carboys)
Tri Ethyl Amine (TEA)	--	Storage Area	0.5	0.5	--	Authorized Supplier	Trucks (Drums)
Bromine	--	Storage Area	3	3	--	Authorized Supplier	Trucks (Drums)

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	B
	Court cases pending if any	No any court cases.
	Other Relevant Informations	The EIA report was submitted to DoE on 26.11.2014. Thereafter, our proposal was considered by SEAC-I in its meetings namely - (1) 107th SEAC Meeting held on 01.08.2015, (2) 109th SEAC Meeting held on 29.08.2015 and (3) 110th SEAC Meeting held on 11.09.2015. Thereafter, minutes of 110th SEAC meeting were put on DoE's website. Therein, discrepancy w.r.t. stack height to proposed boiler was observed. Immediately, correspondence was made with SEAC to rectify the same. Later, our proposal was put up for consideration at SEIAA held on 06.11.2015. We had no choice but to defer the case as the SEAC Minutes of Meeting (MoM) were not rectified yet. Moreover, the proposal was considered in 103rd SEIAA held on 27.06.2016 and 132nd SEAC meeting held on 05.08.2016. The scrutiny fee of Rs. 1 Lakhs was paid to SEIAA by NIFT, UTR No.: P1605031069361 dated 03.05.2016 through Canara Bank, Bashirbagh, Hyderabad. Also, our proposal was also considered on 19.01.2017. We would like to inform you that a period of five years have passed from submission of Form 1 of ILPL to SEAC. Sir, we kindly request you to consider our proposed ILPL in the forthcoming SEIAA meeting for grant of Environmental Clearance for our proposed project which is awaited for longer period.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

The proposal was earlier considered by SEAC-I in its 110th meeting under category 5(f)B1 for the manufacturing of bulk drugs and intermediates at Village-Krushnur, Taluka-Naigaon, District-Nanded. One of the condition laid down by the committee was that the stack height should be of 55 meters. Thereafter the PP represented to the committee as well as SEIAA that the stack height could be maintained at 36 meters, if proper Air Pollution Control is provided with uninterrupted power supply. The SEIAA in its 103rd meeting referred the proposal back to SEAC in the light of the above submission. The committee considered the suggestion to provide full power back-up to Air Pollution Control (Bag Filter) and concluded that if bag filter is operative even during power cuts by virtue of uninterrupted power supply, its reliability can be accepted.

Therefore the earlier Committee agreed for to provide stack height of 36 meters with provisions for uninterrupted power supply for the Air Pollution Control. This may be conveyed to SEIAA.

DECISION OF SEAC

As earleir SEAC-I has taken the decision on the proposal but not conveyed to the SEIAA.

The recommendation of the earleir SEAC may be communicated to the SEIAA for final decision in the matter..

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 **Meeting Date** June 30, 2017

Subject: Environment Clearance for M/s. NGL Fine-Chem Ltd.

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of Project	New API and Intermediates chemical manufacturing units of M/s. NGL Fine-Chem Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Nachane
4.Name of Consultant	Sadekar Enviro Engineers 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. S-18/3, Tarapur MIDC, Kolawade village, Boisar, Palghar district, Maharashtra
9.Taluka	Palghar
10.Village	Kolawade
11.Area of the project	gram panchayat Kolawade
12.IOD/IOA/Concession/Plan Approval Number	MIDC Plot possession receipt no. MIDC/RO(ROT-I)/TRP-2974 dt. 22/07/2015
	IOD/IOA/Concession/Plan Approval Number: --
	Approved Built-up Area: 7236
13.Note on the initiated work (If applicable)	The plant will be constructed on open plot in the MIDC. basic infrastructure will be constructed prior to EC and production building, utility building, warehouse, ETP etc. will be constructed after acquiring environmental clearance
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	9174 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)	2256
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	220000000

22.Number of buildings & its configuration

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

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	--

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
29.Existing structure (s) if any	no existing structure
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	Diminazene Aceturate	0	12	12
2	Isometamidium Chloride Hydrochloride	0	0.1	0.1
3	Homidium Chloride / Homidium Bromide	0	0.45	0.45
4	Nitroxynil FP	0	0.5	0.5
5	Clorsulon USP	0	1.0	1.0
6	Buparvaquone	0	0.4	0.4
7	Parvaquone	0	0.25	0.25
8	Imidocarb Dipropionate	0	1.0	1.0
9	Amitraz	0	0.5	0.5
10	TCA (Trichloro vinyl aniline)	0	1.5	1.5
11	Febuxostat	0	2.0	2.0
12	Praziquantel	0	3.0	3.0
13	TMTA (Trimethyl triazacyclononane)	0	0.833	0.833
14	Ranolazine	0	2.0	2.0
15	Ractopamine Hydrochloride	0	1.5	1.5
16	Lumefantrine	0	0.5	0.5
17	Fenbendazole	0	0.5	0.5
18	Spent solvent (Byproduct)	0	34	34
19	Spent solvent (Byproduct)	0	34	34
20	Spent solvent (Byproduct)	0	34	34
21	Formulation of liquid syrup	0	250000 L/month	250000 L/month
22	Formulation of Aqua preparation	0	200000 L/month	200000 L/month
23	Formulation of dry powder syrup (powder)	0	10	10
24	Formulation of Ointment/spray	0	5	5

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Tarapur
	Fresh water (CMD):	159
	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):	300000 L
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC Tarapur
	Fresh water (CMD):	151
	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):	300000 L
	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	7	7	0	0.5	0.5	0	6.5	6.5
Industrial Process	0	55	55	0	4.5	4.5	0	50.5	50.5
Cooling tower & thermopack	0	89	89	0	77	77	0	12	12
Gardening	0	8	8	0	8	8	0	0	0
Fresh water requirement	0	159	159	0	90	90	0	69	69

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	3-4 m BGL
	Size and no of RWH tank(s) and Quantity:	1 UG tank of 20 cu. m.
	Location of the RWH tank(s):	Near office building
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	2,50,000
	Budgetary allocation (O & M cost) :	65,000
	Details of UGT tanks if any :	Rain water harvesting tank, fire water tank , UG tanks for solvent storage
35.Storm water drainage	**Natural water drainage pattern:**	MIDC developed land. No natural drainage pattern
	Quantity of storm water:	1.45 cu. m./hr
	Size of SWD:	0.9 (W)*1.02(H)*237(L)
Sewage and Waste water	**Sewage generation in KLD:**	6.5 KLD
	STP technology:	septic tank overflow will be connected to aeration tank
	Capacity of STP (CMD):	no STP will be provided .
	Location & area of the STP:	--
	Budgetary allocation (Capital cost):	Rs. 1,85,00,000
	Budgetary allocation (O & M cost):	Rs. 19,00,000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	In construction phase construction debris and scrap metal and packaging material will be generated.
	Disposal of the construction waste debris:	The waste will be segregated. Construction waste will be used for landfilling in the plot premise. The scrap metal and packaging material will be sold to authorised scrap recycler.
Waste generation in the operation Phase:	**Dry waste:**	non hazardous waste including metal and other scrap
	Wet waste:	Wet hazardous waste like distillation residue, product residue, will be generated. Details are given in hazardous waste section
	Hazardous waste:	Different types of hazardous waste generated will be segregated as per category and either disposed to CHWTSDF or sold to authorised dealers.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP will not be provided. Dry ETP sludge will be disposed to CHWTSDF
	Others if any:	--

Mode of Disposal of waste:	**Dry waste:**	Scrap will be sold to authorized scrap dealer.
	Wet waste:	wet hazardous waste will be disposed to CHWTSDF or sold to MPCB authorized recycler.
	Hazardous waste:	hazardous waste will be disposed to CHWTSDF or sold to MPCB authorized recycler.
	Biomedical waste (If applicable):	If biomedical waste generated, it will be disposed through authorised party.
	STP Sludge (Dry sludge):	No STP sludge will be produced. Dry ETP sludge will be disposed to CHWTSDF.
	Others if any:	--
Area requirement:	**Location(s):**	A separate demarcated area will be provided for storage of non-hazardous and hazardous waste.
	Area for the storage of waste & other material:	As per architectural layout of plant.
	Area for machinery:	As per architectural layout of plant.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 1,50,000
	O & M cost:	Rs. 90,000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	4-5	5.5 - 9	5.5 - 9
2	TSS	mg/L	5000	<100	<100
3	TDS	mg/L	62500	<2100	<2100
4	COD	mg/L	20,000	<250	<250
5	BOD (3 days)	mg/L	5500	<100	<100
6	oil and grease	mg/L	<20	<10	<10

Amount of effluent generation (CMD):	Total effluent 69 CMD admeasuring Low COD effluent 49 CMD and 20 CMD high COD/TDS effluent .
Capacity of the ETP:	80 CMD
Amount of treated effluent recycled :	69 CMD
Amount of water send to the CETP:	69 CMD if CETP complying with CPCB/MPCB norms.
Membership of CETP (if require):	TEPS CETP, Tarapur MIDC
Note on ETP technology to be used	Effluent stream segregation of low and high COD/TDS streams will be done. high COD/TDS stream will be treated by solvent stripper column followed by MEE and ATFD. The condensate will be mixed with low COD/TDS effluent and sewage and net low COD effluent will be treated in ETP comprising primary, secondary and tertiary treatment. The treated effluent will be discharged to CETP after max. recycle in the plant.
Disposal of the ETP sludge	at CHWTSDF facility.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	35.3	MT/month	0	10	10	CHWTSDF
2	Distillation Residue	20.3	MT/month	0	0.5	0.5	CHWTSDF
3	MEE Residue	35.3	MT/month	0	37.5	37.5	CHWTSDF
4	Spent carbon	28.3	MT/month	0	0.55	0.55	CHWTSDF
5	Empty bags	33.1	MT/month	0	0.15	0.15	Sell to MPCB authorized recycler
6	Carboys,drums	33.1	Nos.	0	200	200	Sell to MPCB 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	Steam boiler	5 MT/day coal or 7.5 MT/day briquettes	1	30	0.3	130
2	Thermopack	300 L/day FO	1	30	0.3	130
3	D.G. set	130 L/hr HSD	2	12	0.15	160
4	scrubber-1	--	3	5 m above roof	0.2	45
5	scrubber-2	--	4	5 m above roof	0.2	45

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	0	5 MT/day	5 MT/day
2	briquettes (optional)	0	7.5 MT/day	7.5 MT/day
3	FO	0	300 L/day	300 L/day
4	HSD	0	130 L/hr	130 L/hr
41.Source of Fuel		all fuels will be made available from local vendors		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development	**Total RG area :**	not applicable
	No of trees to be cut :	0
	Number of trees to be planted :	100 big trees and 150 small trees and shrubs
	List of proposed native trees :	Tetu, Kanher, Kusum, Palas, Bahava, Shirish, Neem etc.
	Timeline for completion of plantation :	Till September 2017

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	Ixora coccinea	Rugmimi	50	A native shrub blooming throughout the year usually visited by nectar feeding birds & butterflies.
2	Heterophragma quadriloculare	Waras	5	A native deciduous tree visited by nectar feeding birds. Large leaf area helps in settling of dust.
3	Oroxylum indicum	Tetu	5	A native ornamental tree.
4	Nerium oleander	Kanher	50	A native hardy species, drought resistant with fragrant flowers
5	Schleichera oleosa	Kusum	5	A native tree found in abundance in Sahyadris.
6	Terminalia elliptica	Ain	5	A native evergreen broad leaved tree common in the Sahyadris.
7	Terminalia paniculata	Kindal	5	Kindal is a tropical tree with a large natural distribution in Western Ghats
8	Catunaregum spinosa	Ghela	5	Mountain Pomegranate is an armed shrub or small native evergreen tree
9	Butea monosperma	Palas	5	A native brilliantly flowering tree fed by local birds fairly common and abundant across the Palghar District.
10	Erythrina variegata	Panghara	5	A highly valued native ornamental tree.
11	Cassia fistula	Bahava	5	Native ornamental tree having flowers attracting bees and butterflies

12	Helicteres isora	Murudsheng	50	A native shrub extensively found in the tracts & plains of sahyadri used as roost plant by variety of birds.
13	Tabernaemontana alternifolia	Naagkuda	5	A small evergreen native tree
14	Macaranga peltata	Chandwar	5	A native tree found in abundance across the sahyadri range
15	Albizia lebbeeck	Shirish	5	A native tree with thick canopy.
16	Azadirachta indica	Neem	5	A native evergreen tree known for plantation in polluted area.
17	Bridelia retusa	Asana	5	Native evergreen tree having medicinal importance.
18	Bombax ceiba	Sawar	6	A native tree with large showy flowers visited by birds.
19	Pterospermum acerifolium	Muchkund	6	A native evergreen tree used for ornamental plantations.
20	Cordia dichotoma	Shelu	6	Native deciduous tree attracting various insects.
21	Neolamarckia cadamba	Kadamba	6	A native evergreen tree with thick canopy.
22	Firmiana colorata	Kaushi	6	A brilliantly flowering native tree abundant in forests of Western Ghats & Deccan
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	N/A	N/A	N/A

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	200 KVA
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	3500 KW
	During Operation phase (Demand load):	3000 KVA
	Transformer:	3000 KVA
	DG set as Power back-up during operation phase:	1 DG set of 1000 KVA will be provided
	Fuel used:	High speed diesel
	Details of high tension line passing through the plot if any:	The plot is in MIDC Tarapur area. No high tension lines are passed through the plot.

48.Energy saving by non-conventional method:

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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
Process emissions	Proposed unit, no existing control system	2 alkali scrubbers will be provided with stack height as per CPCB guidelines.
Boiler emissions	Proposed unit, no existing control system	bag filter will be provided to control PM emissions. A 30 m high common stack will be provided to boiler and thermopack.
D.G. set emissions	Proposed unit, no existing control system	A 12 m high stack from ground level will be provided.
Sewage treatment	Proposed unit, no existing control system	the overflow of septic tank will be mixed with effluent in aeration tank of ETP
Effluent treatment	Proposed unit, no existing control system	Effluent stream segregation of low and high COD/TDS streams will be done. high COD/TDS stream will be treated by solvent stripper column followed by MEE and ATFD. The condensate will be mixed with low COD/TDS effluent and sewage and net low COD effluent will be treated in ETP comprising primary, secondary and tertiary treatment. The treated effluent will be discharged to CETP if it is complying CPCB/MPCB norms or it will be recycled in the plant.
Noise pollution	Proposed unit, no existing control system	acoustic enclosure to noise producing equipment, adequate maintenance of equipment to control noise and vibrations.
Solid waste management	Proposed unit, no existing control system	Non- hazardous waste will be sold to MPCB authorised recycling vendors. hazardous waste will be disposed to CHWTSDF or sold to MPCB authorised recycler.

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	2000000
	O & M cost:	150000

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 pollution control	construction of barriers, water sprinkling on emission sources, cement bags will be stored in closed area and handled appropriately., only PUC certified vehicles will be used for transportation of construction materials	3.0
2	water pollution control	sewage will be treated in septic tank followed by soak pit. surplus waste water generated from construction activity will be released to MIDC sewers after primary treatment	3.0
3	noise pollution control	acoustic enclosures to DG, traffic control to reduce noise pollution,	0.5
4	soil pollution control	construction debris will be segregated from other waste and landfilled, Non-hazardous waste will be recycled through authorised vendors, good housekeeping practice will be maintained	0.5

5	Occupational health	Workers will be provided PPEs. Safety training will be provided to workers. medical facility and assistance will be provided to workers in emergency.	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	2 alkali scrubbers for process emission control. Bag filter with 30 m common stack to boiler and thermopack. DG and scrubber stack as per CPCB guidlines	22,00,000.00	8,00,000.00
2	Water Pollution Control	Low and high COD/TDS stream segregation. ETP comprising of primary, secondary & tertiary treatment having 80 CMD capacity along with installation of 20 CMD capacity MEE with ATFD for high COD/TDS effluent treatment.	1,85,00,000.00	19,00,000.00
3	Noise Pollution Control	Installation of anti-vibration pads, & Enclosures for DG set & Boiler.	6,50,000.00	2,30,000.00
4	Environment Monitoring and Management	periodic monitoring will be done inside the plant including ambient air monitoring , work place monitoring, source emission monitoring.	5,00,000.00	1,75,000.00
5	Occupational Health	Goggles, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers	5,00,000.00	1,80,000.00
6	Green Belt	Construction and Maintenance of green belt	6,00,000.00	1,10,000.00
7	Solid Waste Management	separate area for HW storage, Waste segregation as per HW category, disposal at CHWTSDF	1,50,000.00	90000
8	Water conservation	Installation of RWH system & annual maintenance of RWH tank	2,50,000.00	60000

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

Acetonitrile	Liquid	Drum storage in storage area	3	2	6.5	local vendor	Road
Acetonitrile	Liquid	Drum storage in storage area	3	2	6.5	local vendor	Road
Acetone	Liquid	Tank storage	12	10	31.8	Local vendor	Road
Dichloromethane	Liquid	Drum storage in storage area	12	10	31.4	Local vendor	Road
Ethylene dichloride	Liquid	Drum storage in storage area	10	8	26.3	Local vendor	Road
Isopropyl Alcohol	Liquid	Drum storage in storage area	1	1	4.8	Local vendor	Road
Formamide	Liquid	Drum storage in storage area	1	1	1.4	Local vendor	Road
Toulene	Liquid	tank storage	10	8	25.7	Local vendor	Road
hydrochloric acid	Liquid	Tank storage in storage area	8	5	22.2	Local vendor	Road
Acetic acid	Liquid	Drum storage in storage area	1	0.5	3.5	Local vendor	Road
Nitrobenzene	Liquid	Drum storage in storage area	2	1	5.5	Local vendor	Road
methanol	Liquid	Tank storage	30	20	195	Local vendor	Road
hydrochloric acid	Liquid	Tank storage	10	8	23	Local vendor	Road
sulfuric acid	Liquid	Tank storage	10	8	20	Local vendor	Road
ammonia gas	gas	cylinder	1	0.5	1.5	Local vendor	Road
Chlorine gas	gas	cylinder	0.2	0.1	0.2	Local vendor	Road
hydrogen gas	gas	cylinder	0.01	0.01	0.5	Local vendor	Road
epichlorohydrin	liquid	drums	0.1	0.1	0.6	Local vendor	Road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	--
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	1120
	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:	no
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Unit is in Notified Tarapur MIDC area. No protected zone within 10 km radius of the unit
	Category as per schedule of EIA Notification sheet	5(f) B1
	Court cases pending if any	no
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	17-05-2017

Brief information of the project by SEAC

TOR was approved by earlier SEAC-I in their 125th metign held on 12th and 13th April, 2016 under catedory 5(f)B1 for manufacture of animal category API's and intermediate products and formulations of 62033 Kgs/month.

Now PP submitted EIA reprot for apprasial. PP proposes Zero Liquid Discharge treatment to their effluent and no liquid waste will go out of the factory premsies.

DECISION OF SEAC

SEAC - I decided to recommed the proposal for prior Environment Clearance.

Specific Conditions by SEAC:

1) PP informed that their plant is Zero Liquid Discharge but the same is not mentioned by PP in the Consolidated Statement point No. 37. PP to submit an affidavit/undertaking regarding provision of Zero Liquid Discharge.
2) PP to ensure 33% green cover within the plant premises.
3) PP to submit calculation for use of hydrogen gas in the reaction, consumption of hydrogen gas and quantity of hydrogen gas emitted to atmosphere.
4) PP to provide full time security guard at the Emergency Exit gate.
5) PP to use only Imported Coal having ash content less than 15%.
6) PP to submit copy of On Site/ Off Site emergency plan; PP also to submit the same to district authorities.

FINAL RECOMMENDATION

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