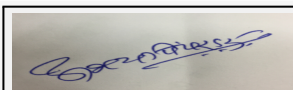
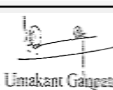


158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Installation of M S Billets manufacturing unit of capacity 55800 TPA at Gut No. 232. Village - Lakmapur, Tehsil-Dindori, District - Nashik, M.S.**Is a Violation Case:** No

1.Name of Project	M/s. Aryan Castings Pvt. Ltd. has installed M S Billets manufacturing unit of capacity 55800 TPA at Gut No. 232 Village - Lakmapur, Taluka - Dindori, District Nashik
2.Type of institution	Private
3.Name of Project Proponent	Mr. ASHISH AGAR WAL (Director)
4.Name of Consultant	Pollution & Ecology Control Services
5.Type of project	Industrial
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	At Gut No. 232
9.Taluka	Dindori
10.Village	Lakmapur
Correspondence Name:	Mr. ASHISH AGARWAL (Director)
Room Number:	11
Floor:	--
Building Name:	Cherry Hill Housing Society
Road/Street Name:	Pipeline Road,
Locality:	Gangapur Road
City:	Nashik
11.Area of the project	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: Not Applicable Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance and Consent to Establish.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	44515.4 Sq. m.
16.Deductions	NA
17.Net Plot area	NA
18 (a).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.): 4500
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 20-08-2011
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	150000000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 1 of
82**Signature: 

Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1	One Industrial shed area	20
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))	15 m. Tar road Is existing attached to 20 m. SH		
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	M.S. Billets	0	4650	4650

32.Total Water Requirement

Dry season:	Source of water	Ozhar khed Dam
	Fresh water (CMD):	20
	Recycled water - Flushing (CMD):	14 for flushing & 10 for Industrial process
	Recycled water - Gardening (CMD):	5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	150
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 2 of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Wet season:	Source of water	Ozhar khed Dam								
	Fresh water (CMD):	20								
	Recycled water - Flushing (CMD):	14 for flushing & 10 for Industrial process								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	150								
	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	20	20	0	4	4	0	16	16	
Cooling tower & thermopack	0	150	150	0	140	140	0	10	10	
Gardening	0	05	05	0	05	05	0	0	0	
34.Rain Water Harvesting (RWH)										
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon 5 m bgl and post monsoon 34 m.								
	Size and no of RWH tank(s) and Quantity:	NA								
	Location of the RWH tank(s):	NA								
	Quantity of recharge pits:	5								
	Size of recharge pits :	3m X 3m X 3m Depth								
	Budgetary allocation (Capital cost) :	Rs.175000/-								
	Budgetary allocation (O & M cost) :	Rs.15000/- per year								
Details of UGT tanks if any :	Not Applicable									


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 3 of
82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

35.Storm water drainage	Natural water drainage pattern:	Slope towards north to south, Storm water drain will be constructed around the plant area
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	Sewage generation in KLD:	16
	STP technology:	Septic Tank followed by soak pit Packaged type SW of 20 m3/day is proposed.
	Capacity of STP (CMD):	1 No. 20 m3/day Capacity.
	Location & area of the STP:	Septic tank and soak pit will be in plot area
	Budgetary allocation (Capital cost):	Rs.25 Lacs
	Budgetary allocation (O & M cost):	Rs.3.0 Lacs/year
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:	Slag
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Slag crusher will be installed to crush slag and to recover the Iron particles for reuse in Induction Furnace. Crushed slag will be used for hardening of working area, making of internal roads in plant and or nearby villages.
	Wet waste:	NA
	Hazardous waste:	Used oil will be sold to authorized recycler vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge will be used as manure for greenbelt development.
	Others if any:	NA


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 4 of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

Area requirement:	Location(s):	About 500 sq mt area is identified for storing slag within the plant boundary. No machineries are required to dispose of this industrial solid waste. Slag crusher will be installed to crush slag and to recover the Iron particles for reuse in Induction Furnace. Crushed slag will be used for hardening of working area, making of internal roads in plant and or nearby villages.
	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 Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		10			
Capacity of the ETP:		15 KLD			
Amount of treated effluent recycled :		10			
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	Used Oil	5,1	lit/m	0	200	200	by sale to authorised re processor

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	Induction Furnace	Electricity	1 no.	30	1.6	50 deg C

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	--	---	--

41. Source of Fuel Electricity from State Electricity Board.

42. Mode of Transportation of fuel to site Electricity form transmission line.


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 5 of
82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

43.Green Belt Development	Total RG area :	6000 m2		
	No of trees to be cut :	None		
	Number of trees to be planted :	Approximately 1000 trees will be planted in consultation with the local Forest Department, at present 380 nos. of plants are planted.		
	List of proposed native trees :	Ashoka, Neem, Coconuts, Palash, Gulmohar, Mango.		
	Timeline for completion of plantation :	NA		
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	Saraca Asoca	Ashoka	200	Large tree, good for roadside plantation.
2	Azardirachta indica	Neem	200	Shady tree , deciduous
3	Ficus retusa	Nandruk	100	Shady green, good for roadside plantation.
4	Butea monosperma	Palash	150	Medium sized deciduous tree. beautiful flowers tree
5	Delonix regia	Gulmohar	150	Deciduous, large tree with beautiful flowers
6	Mangifera indica	Mango	200	Large tree, good for roadside plantation.
7	Cocos nucifera	Coconut	50	large tree, long-lived 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				



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 6 of
82**

Signature:



Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Power requirement:	Source of power supply :	Maharashtra State Electricity Board.
	During Construction Phase: (Demand Load)	100 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	7 MW
	During Operation phase (Demand load):	10 MW
	Transformer:	NA
	DG set as Power back-up during operation phase:	500 Kva
	Fuel used:	Electricity
	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
Induction Furnace	NA	Bag filters followed by Stack to control source emission

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 Pollution	Particulate matter	Rs.1.5 lacs

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Bag Filter, Wet Scrubber, Water Sprinkler System, Stack	40	4
2	Water Pollution Control	STP	25	3.5



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

Page 7 of 82

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

3	Solid Waste Management	Slag Crusher, Handling and Disposing	15	2.5
4	Greenbelt	Plantation	5	0.50
5	Environmental Monitoring	Air quality, Water and Wastewater Quality, Noise levels, Soil quality	--	4

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

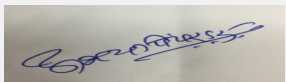
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The proposed site is located about 500 m away from Highway of 15m. width Tar Road.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	2000 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:	10 to 15 trucks/day will be operated after commissioning of proposed unit for transportation of raw material and finished product.
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

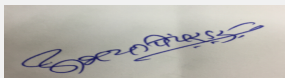
Page 8 of
82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	The project falls under the Category 'B2' according to the Office Memorandum No. J-13012/12/2013-IA-II (I) dated 24th December 2013
	Court cases pending if any	No
	Other Relevant Informations	This is B2 category Project, and we presented our project in 83rd Meeting of SEIAA, Maharashtra on 18-19 March 2015. MoM is enclosed with compliance. We have paid Rs.100000/- as a scrutiny fees to SEAC/SEIAA. We are ready to pay additional fees of Rs.50000/- as per OM dated 06/06/2018.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 9 of
82**

Signature:



Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Brief information of the project by SEAC

During deliberations, PP informed that their proposal was recommended by earlier SEAC-1 in their 95th meeting held on 30th to 31st January, 2015. The proposal was also considered by the SEIAA in their 83rd meeting held on 18th to 19th March, 2015 wherein the proposal was deferred for compliance. PP submitted their compliance to the SEIAA vide letter dated 24th March, 2016.

DECISION OF SEAC

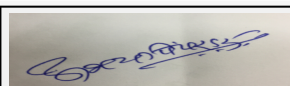
In view of above, SEAC decided to transfer the proposal to the SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

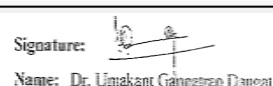
SEAC-AGENDA-0000000186



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 10
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)

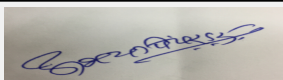
SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019

Subject: Environment Clearance for Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722 by Dow Chemical International Limited.

Is a Violation Case: No

1.Name of Project	Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722 by Dow Chemical International Limited.
2.Type of institution	Private
3.Name of Project Proponent	Dow Chemical International Private Limited
4.Name of Consultant	Aditya Environmental Services Private limited
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	New project. Proposed project will be establish within existing facility.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722
9.Taluka	Khed
10.Village	Lote
Correspondence Name:	Subhash Mukadam
Room Number:	Plot No. A-1/1, MIDC, Lote Parshuram
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	MIDC Lote Parshuram
City:	Ratnagiri
11.Area of the project	MIDC
12.IOD/IOA/Concession/Plan Approval Number	MIDC IOD/IOA/Concession/Plan Approval Number: -- Approved Built-up Area: 18049.25
13.Note on the initiated work (If applicable)	Proposed project will be established within existing facility.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	128674
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1740
	b) Non FSI area (sq. m.):
	c) Total BUA area (sq. m.): 19789.25
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 27-10-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	625000000

22.Number of buildings & its configuration



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 11
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

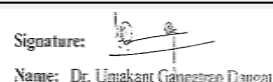
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Not applicable	Not applicable	Not applicable	
23.Number of tenants and shops	Not applicable			
24.Number of expected residents / users	Not applicable			
25.Tenant density per hectare	Not applicable			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Min 6 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m			
29.Existing structure (s) if any	Yes, existing plant building			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Formulated polyol	100000 TPA	0	100000 TPA
2	Pre-polymer	0	100000 TPA	100000 TPA
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 12
of 82**

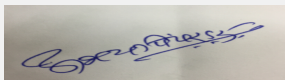


**Dr. Umakant Dangat
(Chairman SEAC-I)**

Dry season:	Source of water	MIDC
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	40
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	106 cmd
	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
	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) :	106 cmd
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	21	21	42	1	1	2	20	20	40
Industrial Process	14	0	14	14	0	14	0	0	0
Cooling tower & thermopack	0	0	0	0	0	0	0	0	0
Gardening	50	0	50	50	0	50	0	0	0



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 13
of 82

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 to 5 m pre- monsoon
	Size and no of RWH tank(s) and Quantity:	50 KL rain water storage tank
	Location of the RWH tank(s):	South- west side of plot
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	15 Lakhs
	Budgetary allocation (O & M cost) :	0.5 Lakhs
	Details of UGT tanks if any :	RWH tank
35.Storm water drainage	Natural water drainage pattern:	East to West
	Quantity of storm water:	1.732 cu.m per sec
	Size of SWD:	Top 2 m x Bottom 0.8 m x Height 1.3 m
Sewage and Waste water	Sewage generation in KLD:	40
	STP technology:	Biological treatment- MBBR
	Capacity of STP (CMD):	--
	Location & area of the STP:	South west corner of plot, Area 450 sq.m
	Budgetary allocation (Capital cost):	25 Lakhs
	Budgetary allocation (O & M cost):	2 Lakhs per Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of debris/ Demolition waste
	Disposal of the construction waste debris:	Debris/ Demolition waste will be reused for leveling of plot.
Waste generation in the operation Phase:	Dry waste:	Wooden, M.S., Aluminium Plastic, Foam and paper scrap- 500 TPA, STP sludge- 1 TPA, Non-contaminated drums and carboys (20 lit to 200 Lit capacity)- 12,000 Nos/month
	Wet waste:	--
	Hazardous waste:	Used/Spent oil, Waste/residues (Not made with vegetable oil or mate), Rejected & Off specification Products from process and lab, Discarded containers /barrels /liners, Filters and filter material which have organic liquid / Contaminated cotton waste, used hand gloves
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	1 TPA
	Others if any:	--
Abhay Pimparkar (Secretary SEAC-I)		SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019
		Page 14 of 82
		Dr. Umakant Dangat (Chairman SEAC-I)

Mode of Disposal of waste:	Dry waste:	Recycling or sale to authorized party,
	Wet waste:	--
	Hazardous waste:	Hazardous waste will be disposed off as per hazardous waste rule, 2016
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	STP sludge will be use as manure.
	Others if any:	--
Area requirement:	Location(s):	within plot
	Area for the storage of waste & other material:	--
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5 Lakhs
	O & M cost:	50 lakhs per Annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Suspended solids (Domestic sewage)	mg/l	200	<100	100
2	BOD (Domestic sewage)	mg/l	200	<100	100
Amount of effluent generation (CMD):		40 cmd of Domestic sewage Existing + Proposed)			
Capacity of the ETP:		40 cmd (Existing + Proposed)			
Amount of treated effluent recycled :		40 cmd (Existing + Proposed)			
Amount of water send to the CETP:		Not applicable.			
Membership of CETP (if require):		--			
Note on ETP technology to be used		As per Pre- feasibility report. (No trade effluent generated). Sewage will be treated at STP.			
Disposal of the ETP sludge		Not applicable			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/Spent oil	5.1	KL/A	2	2	4	Sale to authorised recyclers
2	Waste/residues (Not made with vegetable oil or mate)	23.1	TPA	100	100	200	To CHWTSDF
3	Rejected & Off specification Products from process and lab	23.1	TPA	0	50	50	To CHWTSDF
4	Discarded containers /barrels /liners	33.3	Nos./ month	4000	6000	10000	Sale to authorised party



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 15
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

5	Filters and filter material which have organic liquid / Contaminated cotton waste, used hand gloves	35.1	TPA	2	5	7	To 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	Process vent / ELV (existing)	NA	1	22	0.8	Ambient temp
2	DG set (500 KVA) (existing)	HSD	2	6 m above roof	0.1524	150
3	DG set (500 KVA) (Proposed new)	HSD	2	6 m above roof	0.1524	150

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	100 Lit/Hr	100 Lit/ Hr	200 Lit/ Hr

41.Source of Fuel

local

42.Mode of Transportation of fuel to site

By road

43.Green Belt Development

Total RG area :	45504.74
No of trees to be cut :	Not applicable
Number of trees to be planted :	Green belt area is already developed on site.
List of proposed native trees :	Refer below details
Timeline for completion of plantation :	--

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	Delonix regia	Gulmohar	100 nos.	Local species
2	Mangifera indica	Mango, aam	1000 nos.	Local species
3	Pongamia pinnata	Pongam Tree, Karanj	200 nos.	Local species
4	Ficus bengalensis	Banyan tree, Vat	10 nos.	Local species
5	Eucalyptus sp	Nilgiri	500 nos.	Local species
6	Other species	Other species	190 nos.	Local species

45.Total quantity of plants on ground

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

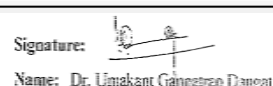
Serial Number	Name	C/C Distance	Area m2
1	--	--	--



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 16
of 82



Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	2000 kw
	DG set as Power back-up during construction phase	2 DG sets (500 KVA each, existing and proposed)
	During Operation phase (Connected load):	2000 kw
	During Operation phase (Demand load):	2000 kw
	Transformer:	--
	DG set as Power back-up during operation phase:	2 DG sets (500 KVA each, existing and proposed)
	Fuel used:	HSD for DG set
	Details of high tension line passing through the plot if any:	No HT line passing through plot.

48. Energy saving by non-conventional method:

It is proposed to install 2000 KW solar energy panels (on BOT basis).

49. Detail calculations & % of saving:

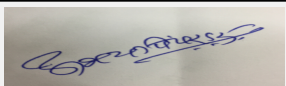
Serial Number	Energy Conservation Measures	Saving %
1	Solar panel installation	25%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Process vent (existing)	Stack	--
DG set (500 KVA) existing	Stack	--
DG set (500 KVA) (proposed)	--	Stack
Sewage effluent	STP	STP
Noise	PPE, acoustic enclosure	PPE, acoustic enclosure
Solid and hazardous waste management	Disposal to CHWTSDF / Recycling or sale to authorized party	Disposal to CHWTSDF / Recycling or sale to authorized party

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

51. Environmental Management plan Budgetary Allocation

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019	Page 17 of 82	Signature:  Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
--	--	--------------------------------	---

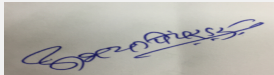
a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air	Air pollution control	1	--
2	Monitoring	Environmental monitoring	--	1
3	Water	Water pollution control	25	2
4	Solid waste	Hazardous waste & Solid waste management	5	50
5	Green belt	Green Belt development	2	1
6	Health and safety	Occupational health & safety	--	2
7	Other green initiative	Rain Water Harvesting	15	1
8	Other green initiative	Solar Power/ LED (on BOT basis)	--	--

51.Storage of chemicals (inflammable/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
Base Polyol (PECFLEX* NC 632 Polyol/ SPECFLEX* NC 700 Polyol)	Existing	within plot	240	240	90000 TPA	Imported	Tanker
MDI (Polymeric MDI)	Proposed	within plot	120	120	50000 TPA	Imported	Container
MDI (Monomeric MDI)	Proposed	within plot	120	120	20000 TPA	Imported	Container
Base Polyol (PECFLEX* NC 632 Polyol/ SPECFLEX* NC 700 Polyol)	Proposed	within plot	240	240	25000 TPA	Imported	Tanker

52.Any Other Information	
No Information Available	

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 18
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	13720.46 sq.m
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (f)
	Court cases pending if any	Not applicable
	Other Relevant Informations	The proposed project of Dow Chemical International Private Limited at Plot No. A-1/1, MIDC Lote Parshuram falls under Schedule 5(f) category (B) as per EIA notification of September 2006 and will require prior Environment clearance. We wish to inform that we have Baseline monitoring data of summer 2018 (Mar, Apr, and May- 2018) for same MIDC Lote- Parshuram. As per MoEF & CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 29th August 2017, Point No. ix- "The Already collected baseline data may be re-used, provided it is not more than 3 years old and duly recommended by EAC/SEAC in their due diligence." In view of above, we request SEAC-I committee to consider our submission and permit us to reuse baseline data collected during Summer 2018 while preparing EIA/ EMP report for proposed project of Dow Chemical International Private Limited at Plot No. A-1/1, MIDC Lote Parshuram.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	26-10-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 19
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable
Brief information of the project by SEAC	
PP 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	


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 20
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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

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

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

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

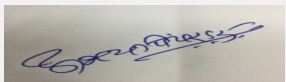
PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing contours on the site, internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
- 3) PP to submit an undertaking for not violating any requirement of EIA Notification, 2006 with special mention for not applicability of EC for existing activities being carried out on site.
- 4) PP to submit copies of Joint Vigilance Sampling analysis reports of Air and Water samples for last six months.
- 5) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 6) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution (generation of waste water, solid and hazardous wastes, air emissions etc.) and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 7) PP to submit copy of structural stability certificate of the buildings exists on site with respect to the propsoed expansion and its load bearing capacity.
- 8) PP to submit copy of water supply permission obtained from MIDC.
- 9) PP to include existing nallh water sampling in the base line data. PP also to calculate 10 KM radius from the site and add air, water, soil, noise sampling in the baseline data. PP to collect the same after grant of ToR.
- 10) PP to carry out HAZOP and QRA and submit Disaster Management Plan.
- 11) PP to submit hazardous chemical handling protocol
- 12) PP to include SOP prepared for the decontamination of the discarded containers in the EIA report.
- 13) PP to include monitoring of water and carbon foot print in the EMP.
- 14) PP to submit design details of upgradation of proposed STP.
- 15) PP to provide solar energy for the illumination of office building and street lights.
- 16) PP to provide lightening arrestor.

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.


**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 21
of 82**

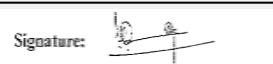
Signature: 
**Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)**

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Dahigaon Lift Irrigation Scheme , Tal Karmala, District Solapur**Is a Violation Case:** No

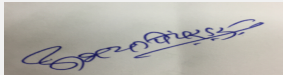
1.Name of Project	Dahigaon Lift Irrigation Scheme , Tal Karmala, District Solapur
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer, Solapur Irrigation Division, Solapur
4.Name of Consultant	Ultratech Environment Consultancy and Laboratory
5.Type of project	Irrigation Project : CCA; 13325 ha and ICA 10500 ha
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 any
8.Location of the project	Dahigaon
9.Taluka	karmala
10.Village	Dahigaon
Correspondence Name:	Sichan seva Bhavan opposite officers clubnear gurunanak chowck solapur
Room Number:	0
Floor:	0
Building Name:	Sichan seva Bhavan
Road/Street Name:	Near Gurunanak Bhavan
Locality:	Opposite officers club
City:	solapur
11.Area of the project	Not applicable
12.IOD/IOA/Concession/Plan Approval Number	MKVDC No. 296/148(1996) dated 10.10.1996
	IOD/IOA/Concession/Plan Approval Number: MKVDC No. 296/148(1996) dated 10.10.1996
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	0
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 10-10-1996
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	576644000

22.Number of buildings & its configuration

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

**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 22
of 82**
**Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)**

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 any		
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)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable
32.Total Water Requirement			
Dry season:	Source of water	Ujani Dam	
	Fresh water (CMD):	1.81TMC	
	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	



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 23
of 82**

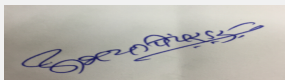
Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Wet season:	Source of water	Not applicable								
	Fresh water (CMD):	Not applicable								
	Recycled water - Flushing (CMD):	Not applicable								
	Recycled water - Gardening (CMD):	Not applicable								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	Not applicable								
	Fire fighting - Underground water tank(CMD):	Not applicable								
	Fire fighting - Overhead water tank(CMD):	Not applicable								
Excess treated water	Not applicable									
Details of Swimming pool (If any)		Not applicable								
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Not applicable								
	Size and no of RWH tank(s) and Quantity:	Not applicable								
	Location of the RWH tank(s):	Not applicable								
	Quantity of recharge pits:	Not applicable								
	Size of recharge pits :	Not applicable								
	Budgetary allocation (Capital cost) :	Not applicable								
	Budgetary allocation (O & M cost) :	Not applicable								
	Details of UGT tanks if any :	NA								
35.Storm water drainage	Natural water drainage pattern:	Not applicable								
	Quantity of storm water:	Not applicable								
	Size of SWD:	Not applicable								



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 24
of 82**

Signature:



Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Sewage and Waste water	Sewage generation in KLD:	Not applicable
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	Not applicable
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Mode of Disposal of waste:	Dry waste:	Not applicable
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	Location(s):	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			



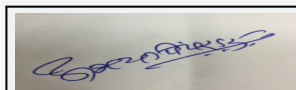
Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 25
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

Amount of treated effluent recycled :	Not applicable						
Amount of water send to the CETP:	Not applicable						
Membership of CETP (if require):	Not applicable						
Note on ETP technology to be used	Not applicable						
Disposal of the ETP sludge	Not applicable						
38.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
41.Source of Fuel		Not applicable					
42.Mode of Transportation of fuel to site		Not applicable					
43.Green Belt Development							
Total RG area :		Plantation along the approach road					
No of trees to be cut :		0					
Number of trees to be planted :		0					
List of proposed native trees :		0					
Timeline for completion of plantation :		0					
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	0	0	0	0			
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	0	0	0				
47.Energy							

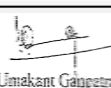


Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 26
of 82**

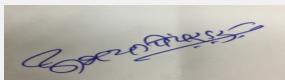
Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Power requirement:	Source of power supply :	MSCDCL		
	During Construction Phase: (Demand Load)	Not applicable		
	DG set as Power back-up during construction phase	Not applicable		
	During Operation phase (Connected load):	Not applicable		
	During Operation phase (Demand load):	Not applicable		
	Transformer:	Not applicable		
	DG set as Power back-up during operation phase:	Not applicable		
	Fuel used:	Not applicable		
	Details of high tension line passing through the plot if any:	Not applicable		
48. Energy saving by non-conventional method:				
Not applicable				
49. Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures		Saving %	
1	0		0	
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:	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 Pollution	Frequent water sprinkling	1.0	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Plantation	Tree Plantaion	23.76	2.0
2	Environment Monitoring	Water quality, Ambient Air Quality and Ecology and Biodiversity	10.0	0.50



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 27
of 82**

Signature:



Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

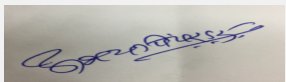
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

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


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 28
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

DECISION OF SEAC

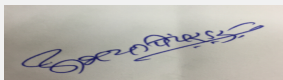
During meeting PP submitted letter requesting to postpone the presentation.

In view of request received from the PP SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 29
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Proposed Deori Navegaon Lift Irrigation Scheme**Is a Violation Case:** No

1.Name of Project	Proposed Deori Navegaon Lift Irrigation Scheme at Left Bank of Wainganga River, Near Village Kinhi, Taluka Gondia, District Gondia MH
2.Type of institution	Government
3.Name of Project Proponent	MEDIUM PROJECT DIVISION GONDIA, VIDC
4.Name of Consultant	SMS Envocare Ltd. Pune
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	New Project
8.Location of the project	Left Bank of Wainganga River, Near Village Kinhi
9.Taluka	Gondia
10.Village	Near Village Kinhi
Correspondence Name:	Premgir Kanhyagir Bodele
Room Number:	Opposite Subhash Garden, Civil Lines, Gondia, Taluka - Gondia, District - Gondia
Floor:	as above
Building Name:	as above
Road/Street Name:	as above
Locality:	Opposite to Subhash Garden
City:	Gondia
11.Area of the project	Other area- Kinhi Village
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Administrative Approval granted dated 20.06.2017. MWRRRA Approval granted on 12.11.2013
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	No initial work initiated. Only geo-technical investigation conducted
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 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 27-11-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	722200000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 30
of 82**

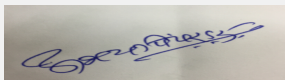
Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

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	NA as this is irrigation project	NA as this is irrigation project	NA as this is irrigation project	NA as this is irrigation project
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 31
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

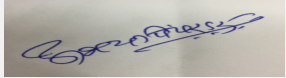
Dry season:	Source of water	Not applicable								
	Fresh water (CMD):	Not applicable								
	Recycled water - Flushing (CMD):	Not applicable								
	Recycled water - Gardening (CMD):	Not applicable								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	Not applicable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


Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 32
of 82**

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Not applicable
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	Natural water drainage pattern:	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	Sewage generation in KLD:	Not applicable
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Various construction sites would be properly leveled. The leveling of various construction sites shall be made mandatory for the contractor, involved in construction.
	Disposal of the construction waste debris:	The spoil material will be stored or dumped properly in safe place. The same will be used for filling and internal road development. Adequate facilities for collection, transportation and disposal shall be managed as per C&D Rule, 2016
Waste generation in the operation Phase:	Dry waste:	Not applicable as this is a Lift irrigation Project. Small quantity of domestic waste shall be generated by operation staff.
	Wet waste:	Not Applicable
	Hazardous waste:	Contaminated soil near DG sets and fuel storage area shall be generated
	Biomedical waste (If applicable):	Small amount of biomedical waste may be generated during construction period in case of any accident or injury
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
 Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019 Page 33 of 82  Dr. Umakant Dangat (Chairman SEAC-I)		

Mode of Disposal of waste:	Dry waste:	Adequate facilities for collection of domestic waste during operation phase shall be provided for safe disposal.
	Wet waste:	Not applicable
	Hazardous waste:	Contaminated soil shall be stored separately and will be managed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
	Biomedical waste (If applicable):	Shall be managed as per New Biomedical Waste Management Rule, 2016 and as per direction of MPCB
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	Location(s):	Adequate space will be provided for storage of waste so handling of the same become easy
	Area for the storage of waste & other material:	As above
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Cost for the Solid Waste management is included in proposed Environmental Management Cost for the project
	O & M cost:	O & M Cost is also included in proposed Environmental Management Cost for the project

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	No hazardous waste	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	DG Sets	Required fuel shall be provided.	1	3.5	75	165

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
---------------	--------------	----------	----------	-------



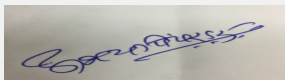
Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 34
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

1	HSD	NA	As per requirement	As per requirement
41.Source of Fuel		Local Market		
42.Mode of Transportation of fuel to site		Required Vehicle shall be provided for transportation of fuel where as storage facility shall be provided		
43.Green Belt Development	Total RG area :	Not applicable		
	No of trees to be cut :	It shall be ensure not to remove tree of other vegetation. If very required, plant shall be removed scientifically so that can be replanted at another place		
	Number of trees to be planted :	Proper plantation including Tree, Shrubs and small plants shall be planted at every available place. All along the length of the inspection path shall be planted		
	List of proposed native trees :	Native fast growing plant species shall be planted as per suggestion by concerned forest department. Green Belt Development plan will be incorporated in EIA Report		
	Timeline for completion of plantation :	Plantation will be done on regular basis during construction and operation phase as per Green Belt Development plan proposed.		
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	Proper plantation including Tree, Shrubs and Herbs shall be planted	Proper plantation including Tree, Shrubs and Herbs shall be planted	Proper plantation including Tree, Shrubs and Herbs shall be planted	Proper plantation including Tree, Shrubs and Herbs shall be planted
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	Proper plantation including Tree, Shrubs and Herbs shall be planted	Proper plantation including Tree, Shrubs and Herbs shall be planted	Proper plantation including Tree, Shrubs and Herbs shall be planted	
47.Energy				

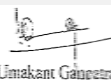


Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 35
of 82**

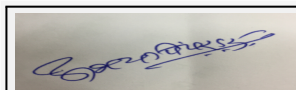
Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Corporation Limited (MSEDCL)	
	During Construction Phase: (Demand Load)	Maharashtra State Electricity Distribution Corporation Limited (MSEDCL)	
	DG set as Power back-up during construction phase	Yes. DG set of required capacity shall be provided as backup power support	
	During Operation phase (Connected load):	Total Power requirement for proposed scheme shall be sourced from MSEDCL. Detailed estimation of power requirement is given in Pre-Feasibility Report.	
	During Operation phase (Demand load):	as above	
	Transformer:	Required arrangement shall be made for proper power supply	
	DG set as Power back-up during operation phase:	Required arrangement shall be made for proper power supply	
	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	NA	NA	
50. Details of pollution control Systems			
Source	Existing pollution control system	Proposed to be installed	
Emission from Construction activities, handling of construction material, transportation of workers	Not applicable	Regular Water sprinkling will be done. Transportation of construction material through closed truck. PUC will be ensured by operator.	
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	Pollution Management Plan	Air, Water, Soil, Noise, Solid & Hazardous waste Management	5.0
b) Operation Phase (with Break-up):			



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 36
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Biodiversity & Wildlife Management plan	Biodiversity & Wildlife Management plan	5.0	1.0
2	Green Belt Development Plan	Green Belt Development Plan	20.0	2.0
3	Solid Waste & Sanitation Management Plan	Solid Waste & Sanitation Management Plan	20.0	2.0
4	Fisheries Management Plan	Fish pond development, promotion of Fishing business and trailing	10.0	1.0
5	Health Management Plan	First Aid facility, health checkup, onsite facility	10.0	1.0
6	Pollution Management Plan	Air, Water, Soil, Noise, Solid & Hazardous waste Management	5.0	1.0
7	Environmental Monitoring Plan	Air, Water, Soil, Noise monitoring	1.0	2.0
8	Command Area Development Plan	Water Users Association, Technical and Agriculture trailing and support	10.0	2.0

51.Storage of chemicals (inflammable/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

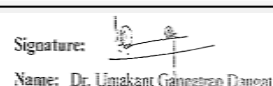
Nos. of the junction to the main road & design of confluence:	Approach and internal road shall be developed for proper transportation of construction material during construction period. It shall be ensured to maintain the same on regular basis
---	--



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 37
of 82**

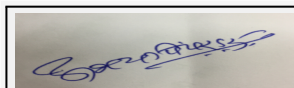


**Dr. Umakant Dangat
(Chairman SEAC-I)**

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	1(c), namely "River Valley Projects"
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-11-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

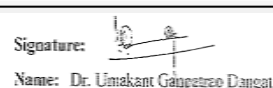
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 38
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

Brief information of the project by SEAC

PP submitted their proposal for the grant of prior Environment Clearance under category 1(c) B2 as per amended Notification dated 14th August, 2018.

PP has obtained MWRRA approval on 12.11.2012, obtained Administrative approval on 20.06.2014.

DECISION OF SEAC

After detailed deliberations with the PP and their consultant it was observed that PP was not having adequate documents like EMP required for the appraisal.

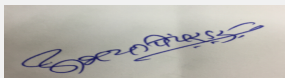
In view of above SEAC decided to defer the proposal till PP submits compliance of below points.

Specific Conditions by SEAC:

- 1) PP to submit detailed EMP with respect to the environmental issues related to the proposed projects and activities with quantification and time lines for its implementation.
- 2) PP to submit explanation whether water allotment to this project is considered in the Integrated Water Plan of Godavari Basin. PP to submit necessary documents in support of this.
- 3) PP to submit an undertaking for not having any ecosensitive area in the vicinity of 5 KM from the project site and no interstate boundary is involved in the proposed project.
- 4) PP to submit latest approval obtained from MWRRA as per MWRRA Act clause 11 (f)
- 5) PP to include impact of proposed projects on the surrounding environment and include the same in the EMP.
- 6) PP to submit their plan for operation and maintenance of project activities as per MWRRA Act 11 (d) and provisions stipulated under the MMISF Act, 2005.
- 7) PP to submit details of CER plan prepared in consultation with the District Authorities.

FINAL RECOMMENDATION

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

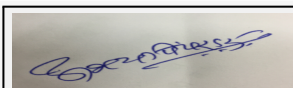
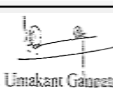
**Page 39
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad by Deepak Nitrite Limited**Is a Violation Case:** No

1.Name of Project	Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad by Deepak Nitrite Limited
2.Type of institution	Private
3.Name of Project Proponent	Deepak Nitrite Limited
4.Name of Consultant	Aditya Environmental Services Private limited
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable.
8.Location of the project	Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad
9.Taluka	Roha
10.Village	Dhatav
Correspondence Name:	Praveen Desai
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	--
City:	--
11.Area of the project	MIDC Roha Industrial area
12.IOD/IOA/Concession/Plan Approval Number	Plot allotted by MIDC IOD/IOA/Concession/Plan Approval Number: Plot allotted by MIDC Approved Built-up Area: 30000
13.Note on the initiated work (If applicable)	Not applicable. Existing building structures will be suitably modify for proposed project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot allotted by MIDC
15.Total Plot Area (sq. m.)	20224
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 30000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -- Approved Non FSI area (sq. m.): -- Date of Approval: 15-11-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	1500000000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 40
of 82**Signature: 

Name: Dr. Umakant Gangotree Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Minimum 6 m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 m		
29.Existing structure (s) if any	Existing structures of storage, office and process plant will be reused/ redeveloped		
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	ADENINE (6- Amino Purine) / 3-NAP (3 Nitro acetophenone) / 3-AAP (3 Amino acetophenone) / 3-HAP (3 Hydroxy acetophenone) / 2,3-Xylenol / 2,4-Xylenol / 2,5-Xylenol / Phenyl Hydrazine	0 TPA	2000 TPA	2000 TPA
2	Triazinone / Thiocarbonylhydrazide (TCH)	0 TPA	4500 TPA	4500 TPA
3	3-ABTF (3 Amino benzotrifluoride) / TFMAP (3-Trifluoromethyl Acetophenone)	0 TPA	2000 TPA	2000 TPA
4	SMIA (2-Furanacetic acid, a-(methoxyimino)-, ammonium salt)	0 TPA	600 TPA	600 TPA
5	DBTZ (Quetiapine Int.) (Dibenzo[b,f][1,4]thiazepine-11(10H)-one)/ Guanine/ Aciclovir/ PMPA (TENOFVIR) ((R)-9-[2-Phosphonomethoxy) propyl] adenine)/ Omeprazole Chloro Intermediate (2-Chloromethyl-3,5-Dimethyl-4-methoxy pyridine hydrochloride)/ Omeprazole Nitro Intermediate (2,3,5-trimethyl-4-nitropyridine N-oxide)/ 7-ETP (7-Ethyl tryptophol)Etodolac intermediate/ S-Alcohol (Duloxetine Intermediate)/ 2-Methyl-3-Amino Benzotrifluoride	0 TPA	2000 TPA	2000 TPA
6	Pilot Plant products (Synthetic Organic Chemicals)	0 TPA	240 TPA	240 TPA



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 41
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

7	Distillation of crude Chemicals/ solvents such as Nitroxylenes, Nitrocumens, crude Toluene, Crude benzotrifluoride, Crude Methanol, Spent acid recovery, Formamide recovery.	0 TPA	1200 TPA	1200 TPA
---	--	-------	----------	----------

32.Total Water Requirement

Dry season:	Source of water	MIDC
	Fresh water (CMD):	1726
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	30
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	1756
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	40	40	0	10	10	0	30	30



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 42
of 82

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

Industrial Process	0	1086	1086	0	274	274	0	812	812
Cooling tower & thermopack	0	600	600	0	475	475	0	125	125
Gardening	0	30	30	0	30	30	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1 to 7.7 m pre-monsoon
	Size and no of RWH tank(s) and Quantity:	details will be provide in EIA report.
	Location of the RWH tank(s):	details will be provide in EIA report.
	Quantity of recharge pits:	details will be provide in EIA report.
	Size of recharge pits :	details will be provide in EIA report.
	Budgetary allocation (Capital cost) :	details will be provide in EIA report.
	Budgetary allocation (O & M cost) :	details will be provide in EIA report.
	Details of UGT tanks if any :	--

35.Storm water drainage	Natural water drainage pattern:	details will be provide in EIA report.
	Quantity of storm water:	details will be provide in EIA report.
	Size of SWD:	details will be provide in EIA report.

Sewage and Waste water	Sewage generation in KLD:	30
	STP technology:	Biological treatment
	Capacity of STP (CMD):	30
	Location & area of the STP:	within plot
	Budgetary allocation (Capital cost):	Rs. 20 lakhs
	Budgetary allocation (O & M cost):	Rs. 5 lakhs/ annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of debris/ Demolition waste
	Disposal of the construction waste debris:	Debris/ Demolition waste will be reused for leveling of plot.
Waste generation in the operation Phase:	Dry waste:	--
	Wet waste:	--
	Hazardous waste:	MEE salts, Hyflow, Iron sludge, Process waste (Organic), Charcoal Sludge, Residue, Spent Catalyst, Waste /Residue Containing Oil, Used /Spent Oil / Empty barrels/ containers/liners contaminated with hazardous chemicals / wastes / ETP sludge
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	STP sludge

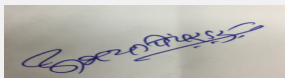
Mode of Disposal of waste:	Dry waste:	--
	Wet waste:	--
	Hazardous waste:	Recycling or sale to authorized party, CHWTSDF
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	Used as manure (STP sludge)
	Others if any:	--
Area requirement:	Location(s):	Within plot
	Area for the storage of waste & other material:	Will be detailed in EIA
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lakhs
	O & M cost:	Rs 10 lakhs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4-9	6.9-7.3	6.5-9
2	BOD (at 27 deg. C)	mg/l	400-650	50-95	<100
3	COD	mg/l	1500-2000	175-215	<250
4	TSS	mg/l	350-450	35-75	<100
5	TDS	mg/l	3000	1800	<2100
6	Oil and Grease	mg/l	10-20	5-6	<10
Amount of effluent generation (CMD):		967 (Total trade and domestic)			
Capacity of the ETP:		1000			
Amount of treated effluent recycled :		30 (Domestic treated effluent)			
Amount of water sent to the CETP:		915			
Membership of CETP (if require):		Yes, Membership of Roha CETP.			
Note on ETP technology to be used		Process effluent - It will be stripped off followed by MEE to separate salts. MEE condensate and effluent from Utilities will be treated in ETP consisting of Primary, secondary and tertiary treatment. The treated effluent will be sent to CETP.			
Disposal of the ETP sludge		MEE Salts and ETP sludge to CHWTSDF			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	MEE Salt	35.3	TPA	0	10800	10800	CHWTSDF
2	Hyflow	35.3	TPA	0	127.8	127.8	CHWTSDF
3	Iron Sludge	35.3	TPA	0	766.8	766.8	CHWTSDF
4	Process waste (Organic)	35.3	TPA	0	799.3	799.3	Disposal by incineration OR Co-Processing
5	Charcoal Sludge	36.2	TPA	0	174.4	174.4	Disposal by incineration OR Co-Processing



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 44
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

6	Residue	36.2	TPA	0	654.3	654.3	Disposal by incineration OR Co-Processing
7	Spent catalyst	19.2	TPA	0	63.8	63.8	sell / Regeneration & Re-use
8	Waste /Residue Containing Oil	33.2	TPA	0	1.04	1.04	CHWTSDF
9	Used /Spent Oil	5.1	TPA	0	2.80	2.80	sell to registered recyclers OR Reused as Lubricant within premises
10	Empty barrels/containers/liners contaminated with hazardous chemicals/waste	33.1	TPA	0	100	100	Sell to scrap vendor
11	ETP sludge	35.3	TPA	0	100	100	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	Coal 64 TPD	1	44	0.9	150
2	DG set (1000 KVA)	HSD 250 Lit/hr	2	6.5 m above roof	0.6	150
3	DG set (1000 KVA)	HSD 250 Lit/hr	3	6.5 m above roof	0.6	150
4	DG set (1000 KVA)	HSD 250 Lit/hr	4	6.5 m above roof	0.6	150
5	Adenine Reactor	Nil	5	10	0.15	35 - 40
6	Thio carbohydrazide reactor	Nil	6	10	0.15	35 - 40
7	SMIA Reactor	Nil	7	31	0.45	35 - 40

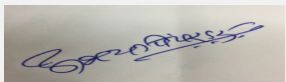
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	0	64 TPD	64 TPD
2	HSD (emergency use only)	0	750 Lit/hr	750 Lit/hr

41.Source of Fuel Local

42.Mode of Transportation of fuel to site By road

43.Green Belt Development	Total RG area :	6767 sq.m
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	300 nos.
	List of proposed native trees :	Will be detailed in EIA
	Timeline for completion of plantation :	Will be detailed in EIA

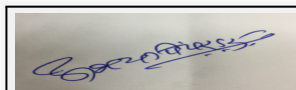

Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 45
of 82**

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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	Will be detailed in EIA	Will be detailed in EIA	Will be detailed in EIA	Will be detailed in EIA
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	Will be detailed in EIA	Will be detailed in EIA	Will be detailed in EIA	
47.Energy				
Power requirement:	Source of power supply :	MSDCL		
	During Construction Phase: (Demand Load)	5000 KVA		
	DG set as Power back-up during construction phase	3 DG sets (1000 KVA each, proposed)		
	During Operation phase (Connected load):	5000 KVA		
	During Operation phase (Demand load):	5000 KVA		
	Transformer:	Not applicable		
	DG set as Power back-up during operation phase:	3 DG sets (1000 KVA each, proposed)		
	Fuel used:	HSD for DG sets		
	Details of high tension line passing through the plot if any:	No high tension line passing through plot.		
48.Energy saving by non-conventional method:				
--				
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	--		Stack with cyclone followed by bag filter	
DG sets	--		stack	
Process stack (Adenine reactor)	--		Water scrubber	

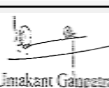


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 46
of 82

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

Process stack (Thio carbonylhydrazide reactor)	--	Caustic scrubber
Process stack (SMIA reactor)	--	Caustic scrubber (NOx absorption tower with NaOH as Scrubbing media)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

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	EMP budget	It will be detailed in EIA	It will be detailed in EIA	It will be detailed in EIA

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Methanol	proposed	Within plot	20	18	465	Local	Tanker
Toluene	proposed	Within plot	25	22	1269	Local	Tanker
N Hexane	proposed	Within plot	10	8	170	Local	Tanker
Methylene dichloride	proposed	Within plot	20	14	620	Local	Tanker
Methyl isobutyl ketone	proposed	Within plot	25	22	597	Local	Tanker
Iso propyl alcohol	proposed	Within plot	15	12	600	Local	Tanker
Cyclohexane	proposed	Within plot	2	1	15	Local	Tanker
Carbon di Sulphide	proposed	Within plot	30	24	300	Local	Tanker
DMF	proposed	Within plot	10	6	180	Local	Tanker
BTF	proposed	Within plot	15	10	180	Local	Tanker
Aniline	proposed	Within plot	15	10	108	Local	Tanker
Formamide	proposed	Within plot	20	17	192	Local	Tanker
Xylidines	proposed	Within plot	20	15	150	Local	Tanker
Dichloropinacolone	proposed	Within plot	60	53	426	Local	Tanker
3 ABTF	proposed	Within plot	15	10	195	Local	Tanker
AAO	proposed	Within plot	15	9	85	Local	Tanker
Sulphuric acid	proposed	Within plot	40	30	630	Local	Tanker
Nitric acid	proposed	Within plot	20	15	197	Local	Tanker
HCl	proposed	Within plot	40	30	2712	Local	Tanker
Dimethyl acetamide	proposed	Within plot	10	8	72	Local	Tanker



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 47
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

Acetic acid	proposed	Within plot	15	13	138	Local	Tanker
-------------	----------	-------------	----	----	-----	-------	--------

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:	2114 sq m
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Village Dhatav wherein the Roha MIDC is setup have appeared in the list of ESA village of Western Ghats (Ecological Sensitive Area Village) DRAFT notification dated 14.03.2014, 04.09.2015, 27.02.2017 and 03.10.2018)
	Category as per schedule of EIA Notification sheet	5 (f)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	15-11-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

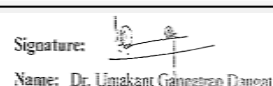
Environmental Impacts of the project	Not Applicable
--------------------------------------	----------------



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 48
of 82



Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP 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.

DECISION OF SEAC



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 49
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

During deliberation SEAC noticed that Ministry of Environment and Forest, New Delhi has issued Directions under Section 5 of the Environment (Protection) Act, 1986 dated 13.11.2013 and Office Memorandum dated 20.12.2013 regarding prohibition of activities in the area identified as Ecologically Sensitive Area (ESA) under the High Level Working Group formulated for Western Ghat.

The directions states as;

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

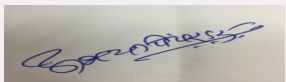
1. Mining, quarrying and sand mining.
2. Thermal Power Plants.
3. Building and Construction projects of 20000 Sq.m. area and above.
4. Township and area development projects with an area of 50 ha and above and/or with built up area of 150000 Sq.m and above.
5. Red Category of Industries

The proposal under reference fall at Sr. No. 5 above. In view of the directions issued by MoEF and as the location of proposed project is situated in the Eco Sensitive Area (Dhatav) as per Notification issued by MoEF&CC.

Hence, SEAC decided to recommend the proposal for rejection.

Specific Conditions by SEAC:

FINAL RECOMMENDATION


**Abhay Pimparkar (Secretary
SEAC-I)**

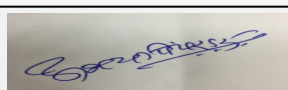
**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 50
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

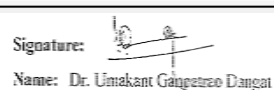
SEAC-AGENDA-00000000186



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 51
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

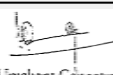
158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Environment Clearance for Garga Medium Project**Is a Violation Case:** Yes

1.Name of Project	Garga Medium Project Tq. Dharni Dist. Amravati
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer, Amravati Medium Project Division, Amravati
4.Name of Consultant	Mitcon Consultancy Pune
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	87 , 89
9.Taluka	Dharni
10.Village	Mansudhawdi
Correspondence Name:	Executive Engineer, Amravati Medium Project Division Amravati
Room Number:	NA
Floor:	NA
Building Name:	Sinchan Seva Bhavan
Road/Street Name:	Shivaji nagar
Locality:	Panchavati
City:	Amravati
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 584
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18 (a).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.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 14-11-2008
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	494.66

22.Number of buildings & its configuration

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

**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 52
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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))	23		
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)	Total (MT/M)
1	NA	NA	NA
32.Total Water Requirement			
Dry season:	Source of water	NA	
	Fresh water (CMD):	NA	
	Recycled water - Flushing (CMD):	NA	
	Recycled water - Gardening (CMD):	NA	
	Swimming pool make up (Cum):	NA	
	Total Water Requirement (CMD) :	NA	
	Fire fighting - Underground water tank(CMD):	NA	
	Fire fighting - Overhead water tank(CMD):	NA	
	Excess treated water	NA	



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 53
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Wet season:	Source of water			NA					
	Fresh water (CMD):			NA					
	Recycled water - Flushing (CMD):			NA					
	Recycled water - Gardening (CMD):			NA					
	Swimming pool make up (Cum):			NA					
	Total Water Requirement (CMD) :			NA					
	Fire fighting - Underground water tank(CMD):			NA					
	Fire fighting - Overhead water tank(CMD):			NA					
	Excess treated water			NA					
Details of Swimming pool (If any)				Not applicable					
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA
34.Rain Water Harvesting (RWH)	Level of the Ground water table:			NA					
	Size and no of RWH tank(s) and Quantity:			NA					
	Location of the RWH tank(s):			NA					
	Quantity of recharge pits:			NA					
	Size of recharge pits :			NA					
	Budgetary allocation (Capital cost) :			NA					
	Budgetary allocation (O & M cost) :			NA					
	Details of UGT tanks if any :			NA					
35.Storm water drainage	Natural water drainage pattern:			NA					
	Quantity of storm water:			NA					
	Size of SWD:			NA					


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 54
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

Sewage and Waste water	Sewage generation in KLD:	NA
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	village Mansudhawdi
	Area for the storage of waste & other material:	584 Ha
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	494.66 Cr
	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			



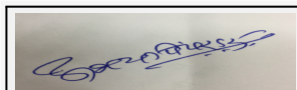
Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 55
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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 :		58 ha at foot of dam and along the canal and diversion road					
No of trees to be cut :		1093					
Number of trees to be planted :		4500					
List of proposed native trees :		Nimb (Azadirachta),Kanchan(Bauhinia),Shisav(Dalbergia sissoo)					
Timeline for completion of plantation :		3 years					
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Azadirachta Indica	Nimb	500	NA			
2	Bauhinia variegata	Kamchana	500	NA			
3	Dalbergi	shisav	500	NA			
4	Albizzia	shiras	500	NA			
5	Accacia	babul	500	NA			
6	ponamia	dharang	500	NA			
7	tamarindus indica	chinch	500	NA			
8	Glicidica maculata	Glircidia	500	NA			
9	Cassia Siamea	Cassia	500	NA			
45.Total quantity of plants on ground							



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 56
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Generator
	DG set as Power back-up during construction phase	Prime source
	During Operation phase (Connected load):	III Phase
	During Operation phase (Demand load):	240 volts
	Transformer:	33 kv
	DG set as Power back-up during operation phase:	1
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
NA	NA	NA

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

Capital cost:	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)
---------------	-----------	-------------	--------------------------	---



Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 57
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

1	NA	NA	NA	NA	NA	NA	NA
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	NA					
Parking details:	Number and area of basement:	NA					
	Number and area of podia:	NA					
	Total Parking area:	NA					
	Area per car:	NA					
	Area per car:	NA					
	Number of 2-Wheelers as approved by competent authority:	NA					
	Number of 4-Wheelers as approved by competent authority:	NA					
	Public Transport:	NA					
	Width of all Internal roads (m):	NA					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	NA					
	Court cases pending if any	NA					


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 58
of 82**

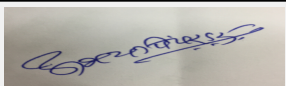
Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-04-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.
Water Budget	Project itself is irrigation project.
Waste Water Treatment	PP to ensure the domestic waste water generated if any shall be collected and treated so as to meet the prescribed standards of CPCB.
Drainage pattern of the project	Not Applicable
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP informed that excavated material was reused for back filling, guide bind, hearting and casing of Dam. Surplus material deposited on acquired land and proper dozing, leveling and compaction had been done.
Air Quality & Noise Level issues	PP proposes intermittent water sprinkling on haul roads, dumps, construction site for suppression of dust. Use of covered transportation vehicles, tree plantation.
Energy Management	PP to ensure regular maintenance of DG set to reduce air pollution and maximum energy efficiency.
Traffic circulation system and risk assessment	PP provided adequate approach roads to the site.
Landscape Plan	PP informed that 1520 Nos. of trees had been planted in the vicinity of site and 2119 nos. of trees are proposed to be planted.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.14.59 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Any other issues related to environmental sustainability: PP to submit bank guarantee of Rs. 8.14 Lakhs with the State Pollution Control Board as cost of remediation plan as per Notification issued by MoEF&CC on 3rd March 2018.

Brief information of the project by SEAC

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019	Page 59 of 82	Signature:  Name: Dr. Umakant Gangotree Dangat Dr. Umakant Dangat (Chairman SEAC-I)
--	--	--------------------------------	---

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The proposal was considered in the 152nd meeting of SEAC-1 held on 14.06.2018. The details are as below,

The chronology of the project is as below,

1. PP started the work on 05.11.2011
2. PP submitted their application for prior Environment Clearance on 23.02.2009
3. SEAC granted ToR on 29.07.2009
4. Public Hearing was conducted on 27.05.2014
5. PP submitted EIA/EMP report on 27.06.2014
6. PP made presentation before SEAC on 01.01.2015 and 15.12.2015 wherein violation was detected.
7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;

(5) “ In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

During deliberations PP requested,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reports because of following reasons,

1. The earthen dam is 70% completed and spillway (excluding gates) is 20% completed. The Gorge portion in the river section is yet to be carried out and no storage or no pounding is done to this date. As such there is no substantial change in river flow pattern and hence no change in the baseline data has taken place since preparation of EIA/EMP.
2. The land use pattern has not been altered by the works of project because the farmers till cultivating their land through acquired department.
3. The project lies in the hilly and tribal area of Dharni tehsil but the topography of area is such that water storage could not be created. The project is from Amravati District of Maharashtra State which is having maximum irrigation backlog and the project is initiated on the directions of Hon'ble Governor in order to mitigate irrigation backlog of the Vidharbha region. The project being monitored by Hon'ble Governor of Maharashtra under irrigation backlog removal program and is also included under Central Governments “Baliraja Jal Sanjivani” program.
4. The project lies in Melghat area which is a Tribal Area and widely known for mal-nutrition and per capita income is far low than the national level due to non availability of irrigation facility.
5. Public money to the tune of 214.00 Cr. Stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by at least one more year, which would be against larger public interest.
6. The project being an irrigation project it has less impact and damage to the environment. However after completion of this project it will assist to enhance flora and fauna of environment hence the environment clearance may please be granted to the project.

It is requested that the SEAC-1 may kindly prescribe specific Terms of References for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP reports (including public hearing report) submitted earlier by incorporating in them ecological damage, remediation plan etc. as aseparate chapter as contemplated in the notification.

In view of above request from PP (this being a Government Project) , SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reptot as per Notification dated 08.03.2018.

After detailed discussion with the PP and their accredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or furhter guidelines in the matter.

The proposal was referred back by SEIAA with following remarks,

“SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal.

The proposal was considered in the 154th meeting of SEAC-1 held on 29.08.2018 and decided to grant additional ToR pints for the preparation of revised EIA and EMP report as per EIA Notification, 2006 and amendment dated 08.03.2018.

PP submitted EIA/EMP report during 157th meeting held on 3rd November, 2018 wherein proposal was deferred for the want of additional information.

Now, PP submitted additional information and the proposal was appraised in its 158(B) meeting held on 03.01.2018.

DECISION OF SEAC



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 60
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

After detailed deliberations with the PP and their accredited consultant it was observed that PP has prepared EIA report and Environment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation will be Rs. 8.14 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan with Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal for prior Environment Clearance subject to the strict compliance of EMP and submission bank guarantee with the Maharashtra Pollution Control Board and following conditions.

Specific Conditions by SEAC:

- 2) PP to ensure to dispose of all kinds of waste/excess earth/muck as per prevailing rules.
- 3) PP to ensure to protect the plantation carried out and achieve above 90% survival of the plants.
- 4) PP to provide noise barriers during operation of the various machineries on site to avoid nuisance of the noise to the surrounding environment.
- 5) PP to ensure that submergence area to be cleared before impounding of water in the reservoir to ensure the quality of water.

FINAL RECOMMENDATION

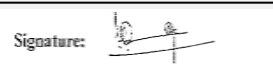
SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Bordi Nalla Medium Irrigation Project**Is a Violation Case:** Yes

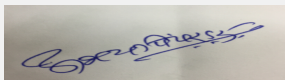
1.Name of Project	Bordi Nalla Medium Irrigation Project Ta Chandur Bazaar Dist Amravati
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer Irrigation Project and Water Resources Investigation Division Amravati
4.Name of Consultant	NEERI Nagpur
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Mouja Kondwardha and Borgaon Mohna
9.Taluka	Chandur Bazaar
10.Village	Amravati
Correspondence Name:	Mr. S G Rath, Executive Engineer
Room Number:	Irrigation Project and Water Resources Investigation Division Amravati
Floor:	Jalsampada Parisar
Building Name:	NA
Road/Street Name:	Jail Road
Locality:	Camp
City:	Amravati
11.Area of the project	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: Enter Details Approved Built-up Area: 00.00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18 (a).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.): 0.00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 01-01-1900
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	5159637000

22.Number of buildings & its configuration

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

**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 62
of 82**
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 63
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Wet season:	Source of water			NA						
	Fresh water (CMD):			NA						
	Recycled water - Flushing (CMD):			NA						
	Recycled water - Gardening (CMD):			NA						
	Swimming pool make up (Cum):			NA						
	Total Water Requirement (CMD) :			NA						
	Fire fighting - Underground water tank(CMD):			NA						
	Fire fighting - Overhead water tank(CMD):			NA						
	Excess treated water			NA						
Details of Swimming pool (If any)				Not applicable						
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:			NA						
	Size and no of RWH tank(s) and Quantity:			NA						
	Location of the RWH tank(s):			NA						
	Quantity of recharge pits:			NA						
	Size of recharge pits :			NA						
	Budgetary allocation (Capital cost) :			NA						
	Budgetary allocation (O & M cost) :			NA						
	Details of UGT tanks if any :			Not applicable						
35.Storm water drainage	Natural water drainage pattern:			NA						
	Quantity of storm water:			NA						
	Size of SWD:			NA						


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 64
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

Sewage and Waste water	Sewage generation in KLD:	NA
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			



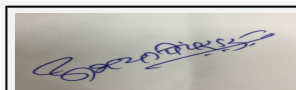
Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 65
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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 :		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 :		NA					
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							



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 66
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

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
NA	NA	NA

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	Health Management Plan	Medical Facilities	16.51
2	Bio Diversity Conservation Plan	Bio Diversity Conservati	15.00
3	Fisheries Development and Management Plan	Fisheries Development	0.00

b) Operation Phase (with Break-up):

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



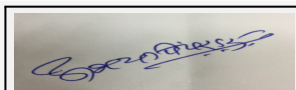
Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 67
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

2	Engineering Measures	Engineering Measures	14.70	14.75			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NAe	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	Category B					
	Court cases pending if any	NA					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 68
of 82**

Signature:



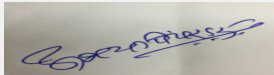
Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

	Other Relevant Informations	The ICA (Irrigation Command Area) of the project is 4126 ha and falls in the medium category. It is proposed to irrigate 489 ha by lift irrigation system and 3637 ha by flow canal. The area under submergence would be 627.16 ha which constitutes 588.59 ha of private land, 12.72 ha of forest land and 25.85 ha of Govt. land. It is proposed to divert the river Megha into the Bordi Nalla with the help of intake structure at village Pala, using a feeder canal upto the origin of Bordi Nalla. Bordi Nalla is proposed to carry 21.049 Mm³ of flood water into the Bordi dam. An earthen dam of length Executive Summary (ii) 1620 m and height of 17.97 m is proposed across the Bordi Nalla. The dam will have side gated spillway of size 8m x 2m to pass the designed flood of 1325.76 cumec. It is proposed to lift the stored water in Bordi Dam into the balancing tank of 5.914 Mm³ store capacity. Farmers from the village Kondwardha and Inyatpur will lift the water from barrage to irrigate 489 ha area. In this scheme 2.631 Mm³ of water is reserved for the drinking water purpose. Submergence under the Bordi main Dam is 273.05 ha and it includes 12.72 ha of forest area. The storage capacity of dam is as follows: (a) Dead Storage : 1.048 Mm³ (b) Live Storage : 17.446 Mm³ (c) Gross Storage at F.R.L. : 18.494 Mm³
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.
Water Budget	Project itself is irrigation project.
Waste Water Treatment	PP to ensure the domestic waste water generated if any shall be collected and treated so as to meet the prescribed standards of CPCB.
Drainage pattern of the project	Not Applicable
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP informed that excavated material was reused for backfilling, guide bind, hearting and casing of Dam. Surplus material deposited on acquired land and proper dozing, leveling and compaction had been done.
Air Quality & Noise Level issues	PP proposes intermittent water sprinkling on haul roads, dumps, construction site for suppression of dust. Use of covered transportation vehicles, tree plantation.
Energy Management	PP to ensure regular maintenance of DG set to reduce air pollution and maximum energy efficiency.



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 69
of 82**

Signature:

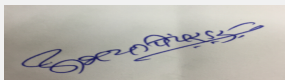


Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

Traffic circulation system and risk assessment	PP provided adequate approach roads to the site.
Landscape Plan	PP informed that 1170 Nos. of trees had been planted in the vicinity of site and 7517 nos. of trees are proposed to be planted.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.13.60 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	PP to submit bank guarantee of Rs. 21.76 Lakhs with the State Pollution Control Board as cost of remediation plan as per Notification issued by MoEF&CC on 3rd March 2018.
Brief information of the project by SEAC	

SEAC-AGENDA-0000000186



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 70
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

The proposal was considered in the 152nd meeting of SEAC - 1.

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

1. PP started the work on 22.01.2008
2. PP submitted their application for prior Environment Clearance on 20.11.2011
3. SEAC granted ToR on 08.06.2012
4. Public Hearing was conducted on 29.05.2014
5. PP submitted EIA/EMP report on 01.01.2015
6. PP made presentation before SEAC on 19.11.2015 wherein violation was detected.
7. PP received stop work on 23.01.2017

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;

(5) “ In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

During deliberations PP requested ,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reprot because of following reasons,

(a) The works of projects along the dam line and along the diversion canal for some length have been completed. No contemplated diversion of 21.05 Mm3 of water has been effected. As such there is no substantial change in river flow patterns and hence no change in the baseline data has taken place since preparation of EIA and EMP report.

(b) The land use pattern has not been altered by the works of the project carried out so far.

(c) The project is coming up in the area of the State which is the most backward in so far as irrigation facilities are concerned. This area also records high incidence of farmer suicides.

(d) Public Money to the tune of Rs. 278 Crore stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by atleast one year, which would be against larger public interest.

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Reprot) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a separate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP(this being a Government Project) , SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reprot as per Notification dated 08.03.2018.

After detailed discussion with the PP and their accredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or further guidelines in the matter.

The proposal was referred back by SEIAA with following remarks:

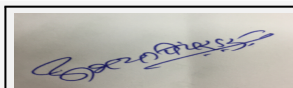
"SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal."

The proposal was considered in the 154th meeting of SEAC-1 held on 29.08.2018 and decided to grant additional ToR points for preparation of revised EIA and EMP reprot as per EIA Notification, 2006 and amendment dated 08.03.2018

PP submitted EIA/EMP report during 157th meeting held on 3rd November, 2018 where in proposal was deferred for the want of additional information.

Now, PP submitted additional information and proposal was appraised in its 158(B) meeting held on 03.01.2018.

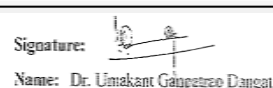
DECISION OF SEAC



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 71
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

After detailed deliberations with the PP and their accredited consultant, it is observed that, PP has prepared EIA report and Environment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation is estimated to the tune of Rs. 21.76 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan and natural and community resource augmentation plan with the Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal to SEIAA for prior Environment Clearance subject to the strict compliance of EMP, submission bank guarantee of Rs. 21.76 Lakhs with the Maharashtra Pollution Control Board and adherence to the following conditions.

Specific Conditions by SEAC:

- 2) PP to ensure to dispose of all kinds of waste/excess earth/muck as per prevailing rules.
- 3) PP to ensure proper maintenance and protection of tree plantation and achieve maximum possible survival.
- 4) PP to provide noise barriers during operation of the various machineries on site to avoid nuisance of the noise to the surrounding environment.
- 5) PP to ensure that submergence area to be cleared before impounding of water in the reservoir to ensure the quality of water.
- 6) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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


**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 72
of 82**

Signature: 
**Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)**

158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)**SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019****Subject:** Environment Clearance for Environment Clearance for Wasani Medium Project**Is a Violation Case:** Yes

1.Name of Project	Wasani Medium Project Tq. Achalpur Dis. Amravati
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer, Amravati Medium Project Division, Amravati
4.Name of Consultant	M/s Mechatronics System Pvt. Ltd
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	132
9.Taluka	Achalpur
10.Village	Wasni
Correspondence Name:	Executive Engineer, Amravati Medium Project Division Amravati
Room Number:	NA
Floor:	NA
Building Name:	Sinchan Seva Bhavan
Road/Street Name:	Shivaji nagar
Locality:	Panchavati
City:	Amravati
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 520
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18 (a).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.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 14-02-2008
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	751.67

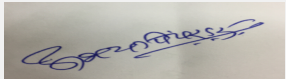
22.Number of buildings & its configuration

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

**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019****Page 73
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

1	NA	NA	NA
23.Number of tenants and shops	Not applicable		
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))	3		
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)	Total (MT/M)
1	NA	NA	NA
32.Total Water Requirement			
Dry season:	Source of water	NA	
	Fresh water (CMD):	NA	
	Recycled water - Flushing (CMD):	NA	
	Recycled water - Gardening (CMD):	NA	
	Swimming pool make up (Cum):	NA	
	Total Water Requirement (CMD) :	NA	
	Fire fighting - Underground water tank(CMD):	NA	
	Fire fighting - Overhead water tank(CMD):	NA	
	Excess treated water	NA	


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 74
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Wet season:	Source of water			NA						
	Fresh water (CMD):			NA						
	Recycled water - Flushing (CMD):			NA						
	Recycled water - Gardening (CMD):			NA						
	Swimming pool make up (Cum):			NA						
	Total Water Requirement (CMD) :			NA						
	Fire fighting - Underground water tank(CMD):			NA						
	Fire fighting - Overhead water tank(CMD):			NA						
	Excess treated water			NA						
Details of Swimming pool (If any)				Not applicable						
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:			NA						
	Size and no of RWH tank(s) and Quantity:			NA						
	Location of the RWH tank(s):			NA						
	Quantity of recharge pits:			NA						
	Size of recharge pits :			NA						
	Budgetary allocation (Capital cost) :			NA						
	Budgetary allocation (O & M cost) :			NA						
	Details of UGT tanks if any :			NA						
35.Storm water drainage	Natural water drainage pattern:			NA						
	Quantity of storm water:			NA						
	Size of SWD:			NA						


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 75
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Sewage and Waste water	Sewage generation in KLD:	NA
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	village Wasani khurd
	Area for the storage of waste & other material:	358 Ha
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	751.78 Cr
	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			



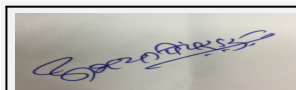
Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 76
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

Amount of treated effluent recycled :	NA						
Amount of water send to the CETP:	NA						
Membership of CETP (if require):	NA						
Note on ETP technology to be used	NA						
Disposal of the ETP sludge	NA						
38.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	NA	NA	NA	NA	NA	NA	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	NA	NA	NA	NA			
41.Source of Fuel		NA					
42.Mode of Transportation of fuel to site		NA					
43.Green Belt Development							
Total RG area :		55 ha at foot of dam and along the canal and diversion road					
No of trees to be cut :		891					
Number of trees to be planted :		25000					
List of proposed native trees :		Nimb, kanchana, shisav, shiras, babul, dharang, chinch, glirchidia, cassia					
Timeline for completion of plantation :		3 years					
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Azadirachta Indica	Nimb	9000	NA			
2	Bauhinia variegata	Kamchana	2000	NA			
3	Dalbergi	shisav	2000	NA			
4	Albizzia	shiras	2000	NA			
5	Accacia	babul	2000	NA			
6	ponamia	dharang	2000	NA			
7	tamarindus indica	chinch	2000	NA			
8	Glicidica maculata	Glirchidia	2000	NA			
9	Cassia Siamea	Cassia	2000	NA			
45.Total quantity of plants on ground							



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 77
of 82**

Signature:



Name: Dr. Umakant Dangat

**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Generator
	DG set as Power back-up during construction phase	Prime source
	During Operation phase (Connected load):	III Phase
	During Operation phase (Demand load):	240 volts
	Transformer:	33 kv
	DG set as Power back-up during operation phase:	1
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
NA	NA	NA

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

Capital cost: 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)
---------------	-----------	-------------	--------------------------	---



Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019

Page 78
of 82

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

1	NA	NA	NA	NA	NA	NA	NA
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	NA					
Parking details:	Number and area of basement:	NA					
	Number and area of podia:	NA					
	Total Parking area:	NA					
	Area per car:	NA					
	Area per car:	NA					
	Number of 2-Wheelers as approved by competent authority:	NA					
	Number of 4-Wheelers as approved by competent authority:	NA					
	Public Transport:	NA					
	Width of all Internal roads (m):	NA					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	NA					
	Court cases pending if any	NA					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 79
of 82**

Signature:



Name: Dr. Umakant Dangat

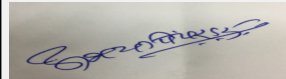
**Dr. Umakant Dangat
(Chairman SEAC-I)**

	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-04-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.
Water Budget	Project itself is irrigation project.
Waste Water Treatment	PP to ensure the domestic waste water generated if any shall be collected and treated so as to meet the prescribed standards of CPCB.
Drainage pattern of the project	Not Applicable
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP informed that excavated material was reused for backfilling, guide bind, hearting and casing of Dam. Surplus material deposited on acquired land and proper dozing, leveling and compaction had been done.
Air Quality & Noise Level issues	PP proposes intermittent water sprinkling on haul roads, dumps, construction site for suppression of dust. Use of covered transportation vehicles, tree plantation.
Energy Management	PP to ensure regular maintenance of DG set to reduce air pollution and maximum energy efficiency.
Traffic circulation system and risk assessment	PP provided adequate approach roads to the site.
Landscape Plan	PP informed that 960 Nos. of trees had been planted in the vicinity of site and 6648 nos. of trees are proposed to be planted.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.14.50 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Any other issues related to environmental sustainability: PP to submit bank guarantee of Rs. 20.27 Lakhs with the State Pollution Control Board as cost of remediation plan as per Notification issued by MoEF&CC on 3rd March 2018.

Brief information of the project by SEAC


Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 80
of 82**

Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

The proposal was considered in the 152nd meeting of SEAC-1 held on 14.06.2018. The details are as below,

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

1. PP started the work on 01.09.2008
2. PP submitted their application for prior Environment Clearance on 05.07.2008
3. SEAC granted ToR on 16.01.2009
4. Public Hearing was conducted on 22.05.2010 & 26.06.2013
5. PP submitted EIA/EMP report on 09.04.2014
6. PP made presentation before SEAC on 05.07.2014 and 15.12.2015 wherein violation was detected.
7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;

(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

During deliberations PP requested,

1. The earthen dam is 60% completed and spillway (excluding gates) is almost 80% completed. The river is not plough no storage or no pounding is done to till date. Hence there is no substantial change in river flow pattern and hence no change in the baseline data has taken place since preparation of EIA/EMP.
2. The land use pattern has not been altered by the works of project because the farmers till cultivating their land through acquired department.
3. The project lies in Amravati District of Maharashtra State which is having maximum irrigation backlog and the project is lies in the saline track area. The project is included in the backlog removal program of the Hon'ble Governor. This area also records high incidences of farmer suicides. The project is also included under Central Governments "Baliraja Jal Sanjivani" program.
4. Public money to the tune of 502.74 Cr. Stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by at least one more year, which would be against larger public interest.

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Reprot) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a separate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP (this being a Government Project) , SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reprot as per Notification dated 08.03.2018.

After detailed discusison with the PP and their accredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or furtner guidelines in the matter.

The proposal was referred back by SEIAA with following remarks,

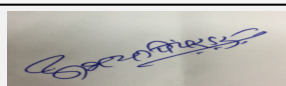
"SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal.

The proposal was considered in the 154th meeting held on 29.08.2018 and decided to grant additional ToR points for preparation of EIA and EMP reprot as per EIA Notification, 2006 and amendment dated 08.03.2018.

PP submitted EIA/EMP reprot during 157th meeting held on 3rd November, 2018 where in proposal was deferred for the want of additional information.

PP submitted EIA/EMP reports during 157th meeting held on 3rd NOvember, 2018 wherein proposal was defrred for the want of additional information.

Now, PP submitted additional information and proposal was appraised in its 158(B) meeting held on 03.01.2018.



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 81
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, it was observed that, PP has prepared EIA report and Environment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation will be Rs. 20.27 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan and natural and community resource augmentation plan with the Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal for prior Environment Clearance subject to the strict compliance of EMP and submission bank guarantee with the Maharashtra Pollution Control Board and following conditions.

Specific Conditions by SEAC:

- 2) PP to ensure to dispose of all kinds of waste/excess earth/muck as per prevailing rules.
- 3) PP to ensure to protect the plantation carried out and achieve above 90% survival of the plants.
- 4) PP to provide noise barriers during operation of the various machineries on site to avoid nuisance of the noise to the surrounding environment.
- 5) PP to ensure that submergence area to be cleared before impounding of water in the reservoir to ensure the quality of water.

FINAL RECOMMENDATION

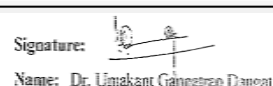
SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 158th (B) ,Day-2 Meeting
Date: January 3, 2019**

**Page 82
of 82**



**Dr. Umakant Dangat
(Chairman SEAC-I)**