

The 281<sup>st</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 01<sup>st</sup> September, 2016 under the Vice-chairmanship of Shri K. P. Nyati for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Dr. U. R. Singh, Member
3. Dr. Manoj Pradhan, Member
4. Shri Manohar K. Joshi, Member
5. Shri Rameshwar Maheshwari, Member
6. Dr. S. K. Iyer, Member
7. Dr. Dr. Alok Mittal, Member
8. Shri. A. A. Mishra, Member Secretary

The Vice Chairperson welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5309/2016 Mr. Kishan Widhani, Project Engineer, Madhya Pradesh Police Housing Corporation Ltd, D-30, HIG Colony, AB Road, Indore – (M.P.) 452001 Prior Environment Clearance for proposed "Multi-Storey Residential Complex for Police Personnel" at 15<sup>th</sup> Battalion, Khasra No. – 128, 135, 136, Village – Gadar Kdedi, Tehsil & Distt. - Indore, (M.P.) Total Land Area – 21.7 ha. (217437 sqm) Total Plot Area – 6.22 ha. (62230.03 sqm), Total Built-up Area – 1,70,059.26 sqm). Cat. - 8(b) : Area and Township Development Project. For – ToR Building Construction Project. Env. Cons. – Greencindia Consulting P Ltd. Ghaziabad (U.P.).**

The project is a construction project falls under Category 8(b) of Area and Township Development Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a proposed "Multi-Storey Residential Complex" for Police Personnel" at 15<sup>th</sup> Battalion, Khasra No. – 128, 135, 136, Village – Gadar Kdedi, Tehsil & Distt. - Indore, (M.P.) Total Land Area – 21.7 ha. (2,17,437 sqm) Total Built-up Area – 1,70,059.26 sqm). Cat. - 8(b): Area and Township Development Project.

The case was scheduled for presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not

interested to continue with the project.

2. **Case No. – 2171/2015 Shri Anuj Jain, Director, M/s Mahavir Coal Resources Pvt. Ltd., Coal Processing Unit, Jain Complex, Pureni, Katni (M.P.)-483501 Prior Environment Clearance for approval of proposed production of 0.95 MTPA (throughput) Wet Type Coal Washery, Total Area-4.44 ha. at Khasra no.-320/1, 320/2, Village-Chirhulli, Tehsil-Badwara, District-Katni (MP) Cat.- (2a) Case For - EIA presentation. Env. Cons. – Anacon Laboratories Pvt. Ltd., Nagpur (Maharashtra.).**

This is a case of EC to the project on Coal washery. Project is covered under EIA notification and mentioned as item no. 2 (a) in the schedule of EIA notification, by virtue of its location and the capacity project falls under category B. Hence it requires prior EC from SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP. The salient features of the project and proposed TOR were presented by the PP and his consultant in the 171<sup>st</sup> SEAC meeting dated 29/01/2015.

Project proponent M/s Mahavir Coal Resources Pvt. Ltd. (MCRPL) has proposed a Coal Washery project with following features:

Capacity	:	0.95 MTPA throughput
Village	:	Chirhuli
Tehsil	:	Badwara
District	:	Katni
State	:	Madhya Pradesh
Plant Area	:	4.44 Ha
Existing land use	:	Uncultivated Land (few trees)

SN	Particulars	Coal washery
1.	Cost of the project	Rs. 5.36 Crores
2.	Proposed area ( owned uncultivated land)	4.44 Ha
3.	Make up Water requirement (Ground water through borewells)	68 5 KLD
4.	Power	4 MW
5.	Manpower	Approx. 50

The proposed site i.e. Chirhuli village has been selected by the PP after carrying out survey of four possible site based on following advantages-

- Availability of uncultivated land.
- Availability of railway siding at short distance (3.6 km).
- Availability of public road adjacent to site.

- Very less road transport is required.
- Remoteness from village habitation.
- Remoteness from the surface Water bodies
- Almost same distance from the SECL Coal Mines as compared to other sites

**Environmental setting**

<b>Feature</b>	<b>Details</b>
Village	Chirhuli
Tehsil	Badwara
District	Katni
State	Madhya Pradesh
Latitude & Longitude	Latitude : 23°42'33.0"N to 23°42'23.1"N Longitude : 80°32'52.7"E to 80°32'43.7"E
Altitude MSL	445m
SOI Toposheet Nos	64A/10.
Present Landuse	Uncultivated Land with few trees
Climatic Condition	Temp – Avg. Min (Dec.) 4 <sup>0</sup> C to Avg. Max. (May) 48 <sup>0</sup> C Average annual Rainfall – 900 mm (IMD data, Jabalpur District)
Topography	Flat terrain
Nearest Town	Katni ~ 20 KM, NNW
Nearest Railway Station	Rupaund Railway Station ~ 3.58 KM, NE
Nearest Airport	Dumna Airport, Jabalpur ~ 76.43 KM, SW
Feature	Details
National Park/ Wildlife Sanctuary /Biosphere Reserve/ Habitat for migratory birds	None in 10 km radius
Forests	Protected Forest: 2.9 km SE Manpur PF: 6.75 km N Gopalpur RF: 5.7 km NNE Ponri PF: 7.0 km NNW Bijauri RF: 9.0 km N Midra RF: 7.7 km NE Jorapahar RF: 5.2 km S
Highway	Katni – Shahdol - Anuppur (NH78) ~ 4.95 KM,NNE Katni - Amanganj - Bijawar (SH10) ~ 12.92 KM, N
Stream / Rivers / Lakes / Reservoir / Dams / Swamps	Datla Reservoir: 1.0 km E Mahanadi River: 11.8 km, SE Nala: 2.3 km, WNW Jarangar Nala: 5.5 km NW Bhawandar Nala: 6.1 km N Datiya Nala: 6.8 km NE
Religious & Historic places / Notified Archaeological sites	None in 10 km radius
Defense Installation	None in 10 km radius

**Raw material storage & transport**

- Coal will be sourced from different mines of South Eastern Coalfield Limited located at ~ 260 KM, SE.
- Raw Coal will be transported by rail up to Rupaund Railway Station which is located ~ 3.58 KM, NE from plant site from which the raw coal would be transported by road to plant site.
- Coal will be stacked in designated area within the plant site and water sprinkling arrangements will be provided to avoid fugitive emissions.
- Washed coal from the plant will be supplied to the different power plants and other industries through rail and road mode.
- Covered transportation of coal will be ensured to avoid dust emission during transport.

**Land breakup of washery**

S. No.	Description	Area (in Ha)	%
1	Washery plant	1.72	38.7
2	Coal Storage yard	0.55	12.4
3	Reject storage yard	0.22	5.0
4	Greenbelt & Plantation area	1.46	32.9
5	Water reservoir & Rainwater harvesting area	0.22	5.0
6	Office building and rest shelters	0.27	6.1
Total		4.44	100.0

**Coal analysis**

Parameters	Raw Coal	Washed Coal	Rejects
Ash %	40-45	30-35	63-68
Moisture %	6	8-10	8-10
Sulphur %	0.4	0.4	0.4
GCV (Kcal/Kg)	3825 - 4230	4310 - 4880	1640 - 2210
Yield %	100	70	30
Quantity (TPA)	9,50,000	6,65,000	2,85,000

**Water requirement**

Sr. No.	Particulars	Daily Water Requirement KLD	Makeup Water Requirement KLD	Losses KLD	Effluent (KLD)
1	Coal Washing	4318	648	648	3670*
2	Dust Suppression	29	29	29	0
3	Plantation	6	6	6	0
4	Domestic	2	2	1	1
<b>Sub Total</b>		<b>4355</b>	<b>685</b>	<b>684</b>	<b>3671</b>
	Fire Fighting One Time Only	200	-	-	-
<b>Total</b>		<b>4555</b>	<b>685</b>	<b>684</b>	<b>3671</b>

**Budgetary Allocation for Environment Management Plan**

- Cost of the project is Rs. **5.36 Crores**.
- Budgetary provision of Rs. 29 Lakh as capital cost and Rs. 5.85 Lakh recurring cost per annum has been made for implementation of Environment Management Plan.

<b>Pollution control Equipment</b>	<b>Capital Cost (Rs. Lakh)</b>	<b>Annual Recurring Cost (Rs. Lac)</b>
Air pollution Control System	12.0	0.70
Wastewater Treatment System	4.0	0.50
Dust suppression system	5.0	0.40
Green Belt	2.0	2.0
Monitoring	1.5	1.5
Rain water harvesting system	2.0	0.25
Socio –economic welfare measures	2.5	0.50
<b>Total</b>	<b>29.00</b>	<b>5.85</b>

**Corporate Social Responsibility**

- Budgetary provision of Rs. 2.5 Lakh capital cost and Rs. 0.50 Lakh recurring cost has been allocated for CSR activity.
- Company will focus on local needs, like Health, Education, Infrastructure Development and Environment Conservation

<b>Particular</b>	<b>Capital Cost (Rs. Lakh)</b>	<b>Recurring Cost (Rs. Lakh)</b>
Education	0.25	0.20
Health Care	0.25	0.20
Community Development	2.00	0.10
<b>Total</b>	<b>2.5</b>	<b>0.50</b>

**Greenbelt Development Plan**

- 7.5 m wide greenbelt shall be developed in 1.46 Ha (33% of total plant area) of land, along the periphery of the plant and in all open areas.
- Avenue plantation shall also be developed as per the standard norms.
- Approximately 2500 trees per Ha will be planted in consultation with the local Horticulture Expert.

<b>Year</b>	<b>Area (Ha)</b>	<b>No. of Plants</b>
1st	0.50	1250
2nd	0.50	1250
3rd	0.46	1150
<b>Total</b>	<b>1.46</b>	<b>3650</b>

After deliberations in the 171<sup>st</sup> SEAC dated 29/01/2015, committee has approved the TOR which was issued vide letter no. 61 dated 10/04/2015. PP has submitted the EIA report on dated 12/05/2016 which was forwarded by the SEIAA vide letter no 1093 dated 20/04/2016.

The case was scheduled for the presentation of EIA report in the 275<sup>th</sup> SEAC meeting dated 31/03/2016 wherein the PP and their consultant were also present. After presentation & discussion, PP was asked to submit response on following points for further consideration of the project:

1. Please confirm whether it is a two or three cut washery.
2. Coal Yard, Reject Coal Yard & Wash Coal Yard should be marked on the layout map and submitted with their respective details.
3. Calorific value of raw and washed coal should be provided.
4. Permission of CGWB be submitted for the withdrawal of ground water.
5. Details regarding arrangements made for the storage of fines.
6. Note on existing condition of road which connects plant to the National highway and control measures proposed for fugitive emission.
7. How zero discharge will be maintained with backup calculations and arrangements proposed during season for zero discharge.
8. Details of buildings with their effective area for roof water harvesting.
9. Budgetary allocation corroborating to proposed plantation scheme.
10. Elevation & Drainage pattern of project site should be submitted.
11. Proposal for RWH should be submitted.
12. Revised budgetary allocations for CSR and EMP should be submitted.

PP vides letter no 982 dated 10/06/2016 was asked to submit the reply of above queries. PP vide letter dated 19/07/2016 (received on 03/08/2016) has submitted the reply and the case was scheduled in the agenda.

The query reply presentation was made by the PP and their consultant. During presentation PP informed that approx 2,00,000 MT/year of Raw coal, washed coal and rejects will be stored in the plant premises for which proper fire safety arrangements will be provided. PP further submitted that a wind breaking wall of 22 feet high is proposed all around the storage area and necessary fire safety equipments will also be provided. After detailed discussions, PP was again asked to submit response on following as response submitted above is not s all the queries:

1. Coal Yard, Reject Coal Yard & Wash Coal Yard should be marked on to the scaled layout map with dimensions.
2. Site specific note on existing condition of road which connects plant to the National highway and control measures proposed for fugitive emission with their details.
3. Site specific details on issue of attaining zero discharge unit with backup calculations.

4. Details regarding slurry pond with its dimensions and proposed lining etc.
  5. A written commitment of PP that a wind breaking wall of 22 feet high will be provided all around the storage area and fire safety equipments will also be provided.
  6. A written commitment of PP that all the assurances given during public hearing will be fulfilled.
  7. Detailed plantation scheme specifically for external road which connects plant to the National highway and corroborating budget allocations.
  8. Revised budgetary allocations incorporating the financial provisions the commitments made in the public hearing for CSR and EMP should be submitted.
3. **Case No. – 5323/2016 M/s Shree Shiv Patidar, Shri Darvesh Patidar, Partner, 1<sup>st</sup> Floor, Above Andhra Bank, Rohit Nagar, Bawadiya Kalan, E-8 Extension, Bhopal, (M.P.) – 462039 "SHIV AANGAN" Multi Unit Residential Block of M/s Shri Shiv Developers, at Khasra Part of 150, Part of 177 & Part of 176, Village - Salaiya, Teh. - Huzur, Distt. - Bhopal (M.P.) Total Land Area – 4.04 ha. Total available Land Area – 40400 sq mt., Total Built - up Area – 47497.60 sqm for Residential Building and convenient Shops. Building Construction Project. Env. Cons. – Creative Enviro Care, Bhopal (M.P.).**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a proposed "Multi Unit Residential" Block of M/s Shri Shiv Developers, at Khasra Part of 150, Part of 177 & Part of 176, Village - Salaiya, Teh. - Huzur, Distt. - Bhopal (M.P.) Total Land Area – 4.04 ha. Total available Land Area – 40,400 sq mt., Total Built - up Area – 47,497.60 sqm for Residential Building and convenient Shops.

The case was scheduled for presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP vide letter dated 01/09/2016 has submitted that due to unavoidable circumstances they are unable to present their case today. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

4. **Case No. – 5324/16 M/s Leela Developers, Vill. Salaiya, Teh. Huzur, Dist. Bhopal, MP – 462001 Residential Project Proposed by M/s Leela Developers, Bhopal, Plot Area- 41,500 sq. mt., Built up Area- 69,388.40 sq. mt., at Khasra No. – 156, 160 Village - Salaiya, Tehsil- Huzur, Distt. - Bhopal (M.P.) Building Construction Project. Env. Cons. – Not disclosed.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a proposed building construction project with plot Area- 41,500 sq. mt., Built up Area- 69,388.40 sq. mt., at Khasra No. – 156, 160 Village - Salaiya, Tehsil- Huzur, Distt. - Bhopal (M.P.) Building Construction Project.

The case was scheduled for presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP vide letter dated 01/09/2016 has submitted that due to unavoidable circumstances they are unable to present their case today. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

5. **Case No. – 5325/16 M/s Aakar Builder & Developers, Mr. Chetan Patidar, Partner, Bhopal, MP – 462001 Residential Multi Housing Project M/s Aakar Builder & Developers, Total Land Area – 2.89 ha., Total Built up Area – 49,440.72 sq. mt., for Residential Building and Convenient Shops at Khasra No. –Part of 150, Part of 177, 178, 179, 180 Vill. Saliya, Tehsil - Huzur, Distt.- Bhopal (M.P.) Building Construction Project.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a proposed "Residential Multi Housing Project" of M/s Aakar Builder & Developers, Total Land Area – 2.89 ha., Total Built up Area – 49,440.72 sq. mt., for Residential Building and Convenient Shops at Khasra No. –Part of 150, Part of 177, 178, 179, 180 Vill. Saliya, Tehsil - Huzur, Distt.- Bhopal (M.P.) Building Construction Project.



The case was scheduled for presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP vide letter dated 01/09/2016 has submitted that due to unavoidable circumstances they are unable to present their case today. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

6. **Case No. - 4356/15 Shri Alpesh P. Patel, Partner, M/s Vini Industries, 2, Jupiter, Opp. Indian Bank, Dalal Colony, Daxini Maninagar, Ahmedabad, Gujarat-380008 Environment Clearance for approval of proposed Manufacture of Synthetic Organic Chemicals Industry (Dyes & Dyes Intermediates; Bulk Drugs and Intermediates excluding drug formulation; Synthetic Rubbers; Basic Organic Chemicals other Synthetic Organic Chemicals and Chemical Intermediates) Capacity – 3150 MTPM, Land Area – 4446 sq.mt. at Plot No. – 125, AKVN, Ind. Area - Meghnagar, Th- Meghnagar, District- Jhabua (MP) ToR Issued 270<sup>th</sup> SEAC Meeting dt. 01/03/16 (Conditional) ToR issued vide letter No. 698 dt. 20/04/16, Valid up to 28/02/2019. For – EIA Presentation. Env. Cons. – San Envirotech Pvt Ltd. Ahmedabad(Guj).**

The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals, hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The proposed project is located at Plot No. 125, AKVN Industrial Area, Meghnagar area of Jhabua district in Madhya Pradesh State.

### **BACKGROUND**

The case was presented by the PP and their consultant in the 270<sup>th</sup> SEAC meeting dated 01/03/2016 wherein committee recommended for issuance for TOR with some additional TOR's. Committee also proposes to undertake site visit as per the suggestion of SEIAA vide letter no. 7452/SEIAA/2015 dated 09/11/2015 (decision taken in 250<sup>th</sup> SEIAA meeting dated 14/10/2015) and after site visit if required, additional TOR may be issued.

In the view of above background a team of SEAC members comprises Dr. U.R. Singh and Dr. Alok Mittal inspected the site on 14.04.2016 along with Shri.

Hemant Sharma, Regional Officer, MP Pollution Control Board, Dhar & Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal. Mr. Alpesh Patel representing M/s Vini Industries was also present during the inspection. **(Site inspection report is annexed as Annexure-2)**

The Salient feature, Product Profile, Raw Material for Dyes Intermediate, Raw Material for Emulsifier, Water Balance, Solid / Hazardous waste management of the project : M/s Vini Industries are given in following tables;

<i>SALIENT FEATURE OF THE PROJECT : M/S VINI INDUSTRIES*</i>	
<b>Project</b>	<b>Dye Intermediates &amp; different emulsifier manufacturing</b>
Location	Plot No. 125, AKVN Industrial Area, Village: Meghnagar, Taluka Meghnagar, District: Jhabua in Madhya Pradesh.
Area for plant	4446.0 sqm
Flue gas stacks	Three; one stack attached to Boiler (600 Kg/hr), TFH (5 lakh 1 Cal/hr.) & one to D.G. Set (125 kVA)
Process gas stacks	One process stack
Fuel	Bio Fuel/ Coal for boiler & HSD for TFH & D.G. set
Fuel consumption rate	Bio Fuel/Coal - 1.5/1.1 TPD & HSD - 1.5 TPD for TFH & 35 lit/hr. for DG set.
Power supply	Power supply from MPPKVVCL Energy consumption: 50 kVA & stand by D.G. Set (1 x 125 KVA) in case of power failure
*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC	

- No ecologically protected area or archeologically protected site or other environmental sensitivity has been reported within 10 km radius of the site.
- Industry has also obtained NOC for water supply from AKVN, Meghnagar
- Industry has also obtained certificate regarding the distance of interstate boundary which more than 10 km radius.

<i>Product Profile of M/S VINI INDUSTRIES*</i>		
Sr. No.	Name of Product	Quantity (MT/Month)
1	Vinyl sulphone	100
2	Acetanilide	50
3	Emulsifier a) Castor oil 40 Ethoxylate, b) Lauric Acid 10 Ethoxylate c) Nonyl Phenol 5 Ethoxylate d) Polyethylene Glycol 400 e) Octyl Palmitate f) Ethylene Glycol mono stearate	3000

	g) Coco diethanol amide h) Coco monoethanol amide i) Glyceryl Mono stearate j) Glyceryl mono oleate	
Total		3150
By Product		
1	Acetic acid	22.1
2	Dilute sulphuric acid	390
3	HCl	120
4	Glauber salt	80
*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC		

<i>RAW MATERIAL FOR EMULSIFIER</i>		
Sr. No.	Name of Raw Materials	Quantity (MTPM)
Vinyl Sulphone-100 MTPM		
1.	Acetanilide	52.29
2.	Chloro sulphonic acid	156.86
3.	Thionyl chloride	47.06
4.	SBS	12.29
5.	Caustic lye	83.66
6.	Ethylene oxide	27.58
7.	Spent acid	65.36
8.	Sulphuric acid	39.22
Acetanilide-50 MTPM		
1.	Aniline oil	39.00
2.	Acetic acid	8.50
3.	Acetic anhydride	2.50
*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC		

<i>RAW MATERIAL FOR EMULSIFIER</i>		
Sr. No.	Name of Raw Material	Quantity (MT/MT)
A	Castor oil 40 Ethoxylate	
i	Castor oil	0.346
ii	Ethylene Oxide	0.654
B	Lauric Acid 10 Ethoxylate	
i	Lauryl Acid	0.312
ii	Ethylene Oxide	0.688
C	Nonyl Phenol 5 Ethoxylate	
i	Nonyl Phenol	0.360
ii	Ethylene Oxide	0.640
D	Polyethylene Glycol 400	
i	Diethylene Glycol	0.558
ii	Ethylene Oxide	0.442
E	Octyl Palmitate	
i	2-Ethylhexanol	0.345

ii	Palmitic Acid	0.655
F	Ethylene Glycol mono stearate	
i	Ethylene Glycol	0.180
ii	Stearic Acid	0.820
G	Cocodiethanolamide	
i	Fatty acid of coconut oil	0.662
ii	Diethanolamine	0.338
H	Cocomonoethanolamide	
i	Fatty acid of coconut oil	0.682
ii	Monoethanolamine	0.318
I	Glyceryl Monostearate	
i	Glycerin	0.245
ii	Stearic Acid	0.755
J	Glyceryl monooleate	
i	Glycerin	0.250
ii	1,1 diethoxy-3-methyl butane	0.750

\*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC

WATER POLLUTION MEASURES AND BALANCE			
Sr. No.	Source	Water Consumption (KLD)	Wastewater Generation (KLD)
I	Domestic	3.5	3.0
II	Gardening	4.0*	--
III	Industrial		
(a)	Process	9.0	15
(b)	Water treatment	4.0	4.0
(c)	Scrubber	5.0	--
(d)	Washing	2.0*	2.0
(e)	Cooling	7.5	2.5
(f)	Boiler	2.5	0.5
Total Industrial		30.0	24.0
Total (I + II + III)		37.5	27.0
Recycle		6.0	--
Actual fresh requirement		31.5	

\*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC

The source of wastewater generation will be from process, Water treatment, washing, Cooling & Boiler. Effluent generated from condensation process of VS will directly sent to MEE or spray dried & dilute stream of utility will be treated into primary effluent treatment plant, treated water from ETP will sent to RO. Recovered water from RO will be reused for washing & greenbelt development & RO reject will be sent to MEE or spray dried.

SOLID / HAZARDOUS WASTE MANAGEMENT				
Sr.	Type of	Category of	Quantity	Disposal facility

No.	Waste	Waste as per HWM Rules-2008	in MTPM	
1.	ETP Waste	34.3	2.5	Collection, storage, transportation and dispose to TSDF
2.	MEE Salt	34.3	2.5	Collection, storage, transportation and dispose to TSDF site
3.	Used Oil	5.1	0.1	Collection, storage & reuse for internal lubrication purpose. In case of excess, sell to registered re-processors.
4.	Discarded Containers/ Drums	33.3	0.5 MT or 200nos./ month	Collection, storage and disposal by selling to authorized dealers.
*Source: Information extracted by SEAC secretariat from documents submitted by PP with application for EC				

### THE OBSERVATIONS; -

The observations of SEAC team (Dr. U R Singh and Dr. Alok Mittal members SEAC, Dr. Abhay Saxena oic SEAC Secretariat and Shri Hemant Sharma RO, MPPCB, Dhar) during the site visit on 14<sup>th</sup> of April'2016of the project are as follows;

- The major part of civil work and erection of machineries and has already been done at the site.
- The site is about 1.5 meter below the road level and a Nallah passes in between the road and project boundary
- Construction of office block is complete. **(Figure 1).**
- A concrete base structure beside the office block has been constructed **(Figure 2).**
- Main shed of the operational area of the plant is almost ready and several vessels have already been installed, i.e., 5 large vertical vessels, 3 large horizontal vessels along the boundary and one large horizontal vessel in the center. **(Figures 1, 3 - 6).**
- 4 big size Syntex tanks have been found lying at the site. **(Figure 7).**
- In addition to above, three RCC underground tanks have already constructed been near the main shed. **(Figures 8, 9)**

### MAJOR SHORTCOMING

- There is virtually no plantation on the project site. **(Figures 1, 3, 7, 10 – 12)**
- The construction has been done in such a way that there is no scope for peripheral plantation on the site.
- The layout plan / land use break up is also not very clear. There is mismatch in different components of proposed lay out plan shown by PP during site visit and the actual construction already done at the site. However, it could not be verified because layout map / land use break up was not given in the Form-1 / papers circulated by PP to SEAC members before presentation.

This may be noted that lay out plan is the basic prerequisite of the application for EC/ToR

- There is practically no provision for storm water drainage and the site is about 1.5 m below the road level. Therefore, rain water will be accumulated at the site leading to the possibility of percolation of hazardous substances to the soil and ground water.
- Within the constructed unit there are only close pipeline network. In order to ensure transparency open inter tank transfer is warranted.
- To avoid any possible percolation of hazardous chemicals, leak proof (polymer/HDPE) lining has been recommended in the cases recently appraised by the SEAC. Since the construction of working area has already been done by the PP, there seems to be little scope for such leak proof lining unless the entire structure is dismantled and all the tanks, vessels and pipelines are removed and reinstalled after leak proof lining.

After inspection PP was asked to submit response on following:

- The list of equipment and machineries with their numbers and year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
- Proposal of PP for rainstorm water management.
- Proposal of PP for increasing the ground level in premises to prevent the entry of rain water from the outside.
- Details of constructions and installations already done, showing on layout map.
- Copies of correspondences between M. P. Pollution Control Board (MP-PCB) and company, including notices/directions issued by MP-PCB (if any) with their compliance.

PP's response on above points has not been received till the date.

#### **RECOMMENDATION**

- Owing to the fact elaborated above under heading 'observation', it is, Prima facie, a case of violation under EIA notification 2006. Hence, the case has to be reappraised after credible action under MoEF OM 12/12/12.
- Most the issues enumerated above under the heading observation, shortcoming and response sought during site visit are, usually, part of DPR which is, in principle, prerequisite of ToR. Hence, PP may be asked to address these issues during reappraisal.

The above report of the sub-committee was placed before the committee wherein

after deliberations committee decided that PP may be asked to submit following information as suggested by the sub-committee within 30 days:

- a. The list of equipment and machineries with their numbers and year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
- b. Proposal of PP for rainstorm water management.
- c. Proposal of PP for increasing the ground level in premises to prevent the entry of rain water from the outside.
- d. Details of constructions and installations already done, showing on layout map.
- e. Copies of correspondences between M. P. Pollution Control Board (MP-PCB) and company, including notices/directions issued by MP-PCB (if any) with their compliance.

Based on the information to be submitted by the PP, the committee will also ascertain whether it's a case of violation or not and proceed accordingly. Further in case the PP fails to submit the said information within the given time limit, the TOR approved in the 270<sup>th</sup> SEAC meeting dated 01/03/2016 may be considered for withdrawal. PP was informed for submission of above information vide office letter no. 1103 dated 27/06/2016.

PP has submitted the reply vide letter dated 05/07/2016 and also submitted the EIA report vide letter dated 12/08/2016 which was forwarded by SEIAA vide letter no. 3171/SEIAA/16 dated 16/08/2016 and the same was placed in the agenda.

The case was presented by the PP and their consultant wherein PP submitted that for complying the "zero discharge concepts", they have proposed RO plant and will also install MEE. The PP was asked by committee to enhance the capacity of boiler to meet the requirement of MEE. Following suggestions were made by the committee during presentation:

1. PP should increase the ground level up to such a height that it should remain atleast 6 inches above the road level. Zero discharge is to be maintained by installing RO plant and MEE along with boiler of suitable capacity.
2. All the drains should be acid proof.
3. Thermocouple display should be interlocked with acid charging pump.
4. The entire area should be provided with doubled liner HDPE geo

membrane system of thickness 1.5 mm and double leachate collection system for detection of any leachate.

After presentation, PP was asked to provide response on following:

1. All the storage tanks of raw materials/products are to be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided around the storage tanks and closed handling system of chemicals shall be provided. PP was asked to submit proposal along with necessary details for such arrangements.
2. During presentation PP submitted that the structure already erected by them was according to the consent obtained for the M. P. Pollution Control Board vide letter no. 830 dated 08/05/2015 for manufacturing of FeSo<sub>4</sub> and MgSo<sub>4</sub> and hence it's not a case of violation under EIA notification 2006. Accordingly committee asked PP to submit the details of such existing equipments which will be reused in the proposed plant.
3. A written commitment by PP that the height of ground level should be increased up to such a height that it will remain atleast 6 inches above the road level to avoid flooding .

**7. Case No. - 4258/2015 Shri Virendra Pokharna, Director, M/s Indra Industries Limited, Village-Sandla, Tehsil-Badnawar, District-Dhar (MP)-452010 Prior Environment Clearance for expansion of Chemical Fertilizers Proposed Capacity - SSP from 45,000 to 75,000 MTPA & GSSP-1,20,000 MTPA, at Khasra no.- 2132/8, 2131/1, 2132/1/2/1, 2132/5, 2132/1/13, Village-Sandla, Tehsil-Badnawar, District-Dhar (MP) (SEAC 272 meeting dt-31/03/16. Rev. Application rec. dt. 31/5/16 received file again dt-8/3/16) The TOR of this project was issued by MoEF&CC 28/01/2013 and the file was transferred to MPSEIAA on dated 18/08/2015.FoR – EIA Presentation. Env. Cons.: EQMS Delhi.**

The project pertains to Environment Clearance for expansion of Chemical Fertilizers Proposed Capacity - SSP from 45,000 to 75,000 MTPA & GSSP-1,20,000 MTPA, at Khasra no.- 2132/8, 2131/1, 2132/1/2/1, 2132/5, 2132/1/13, Village-Sandla, Tehsil-Badnawar, District-Dhar (MP) and the EIA is forwarded by the SEIAA to SEAC for appraisal and necessary recommendations.



The case was earlier scheduled in the 270<sup>th</sup> SEAC meeting dated 01/03/2016 wherein the PP and their consultant came for the presentation but SEAC members informed that they have not received the EIA document well in advance and thus unable to study the project. Thus committee decided that PP may be called in subsequent meetings of SEAC for presentation and advised PP to send the documents well in advance for reference.

The TOR of this project was issued by MoEF&CC 28/01/2013 and the file was transferred to MPSEIAA on dated 18/08/2015 for further considerations. Chronology of event is given below:

- Approval of TOR by MOEF&CC January 2013
- Public hearing on 28 Oct 2014
- Online submission the Final EIA report to MOEF&CC on 1<sup>st</sup> May 2015.
- Re-categorization of the project as category B due to exemption from EC for GSSP and Zinc Sulphate as the amendment in EIA notification in May 2015.
- Transfer of case file to Madhya Pradesh SEIAA for further consideration by MoEF&CC on 31<sup>th</sup> May 2015.
- Re-Submission of online application on MPSEIAA on 19<sup>th</sup> September 2015.

Total project area is 17750 m<sup>2</sup>. of which 5857 m<sup>2</sup> area is proposed for green area development. Total water requirement is estimated as 90 KLD. Total investment is about Rs 5.00 crore. It is proposed as zero discharge plant.

The case was presented by the PP and their consultant in the 272<sup>nd</sup> SEAC meeting dated 31/03/2016 wherein after presentation it was observed by the members that very casual approach has been adopted by the consultant while carrying out the EIA studies and the quality of EIA report is also very poor. Thus committee decided that EIA needs to be revised in the light of following observations:

1. The selection of ambient air quality monitoring stations is inappropriate as other than the project site, all the other monitoring stations were located >2.00 Km or above distance while the prediction is showing maximum incremental GLC at a distance of 200 meters.
2. With the expansion of the project maximum incremental PM is shown as 103 ug/m<sup>3</sup> but sufficient protective measures / Pollution Control Devices are not proposed in the EMP to address this issue.
3. Regional Geology is provided in the EIA which has no relevance with the project.

4. Coal is mentioned as expected Hazardous waste.
5. Rs. 80.00 lacks (out of 5.00 cr. For expansion) has been proposed under the green belt development for which no backup calculation has been submitted.
6. Complete proceedings of public hearing are not provided in the EIA report.
7. From zinc sulphate plant hydrogen generation is shown in traces.
8. As per the EIA report 33% area is shown for plantation while in the same report it is mentioned that plantation depends on rain fall.
9. In table 1.1, TOR compliance status for TOR no.6 it is mentioned that the details of consent to operate and authorization are given as Annexure-6 but the same is not annexed at annexure-6.

PP has submitted the EIA report and case was scheduled for the EIA presentation in the 278<sup>th</sup> SEAC meeting dated 14/06/2016 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP.

The case was presented by the PP and their consultant wherein committee suggested that generated hydrogen from zinc sulphate plant should be flared. (If possible). After presentation, PP was asked to provide response on following:

1. Proposed plantation duly marked on layout map with its budgetary provisions.
  2. Revised EMP & CSR incorporating budgetary allocations as per the commitments submitted in public hearing.
- 8. Case No. - 4152/15 Shri Kamal Kumar Makhija, Director, M/s Shiv Real Mart Pvt. Ltd., 25, Triveni Colony, Indore-(M.P.) 452001 For- Building Constuction. Prior Environment Clearance for approval of proposed Housing Project "Shivalaya" at Khasra no.-1022, 1025, 1026, 1027, 1018/1, 1018/210, Village-Bijalpur, Tehsil-Indore, District-Indore (MP) Total Project Area – 118320.00 m2 Road Widening Area – 1842.00 m2 (1458 m2 Plotted development + 384 m2 for group housing) Net Land Area for Project – 116478.00 m2 (80886 m2 for Plotted development) = ( 35592 m2 for group Housing ) = 116478 M2, For - Building Construction Project.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

This is a residential project comprising building construction with Total Project Area –

118320.00 m<sup>2</sup> Road Widening Area – 1842.00 m<sup>2</sup> (1458 m<sup>2</sup> Plotted development + 384 m<sup>2</sup> for group housing) Net Land Area for Project – 116478.00 m<sup>2</sup> (80886 m<sup>2</sup> for Plotted development) = ( 35592 m<sup>2</sup> for group Housing ) = 116478 M<sup>2</sup>. The project is proposed Khasra No. – 1022, 1025, 1026, 1027, 1018/1, 1018/210, Village-Bijalpur, Tehsil-Indore, District - Indore (MP). By virtue of type and size of project it falls under Category B-2, 8(a) in the EIA Notification hence requires prior EC from SEIAA.

The case was earlier scheduled in the 269<sup>st</sup> SEAC meeting dated 29/02/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP.

The case was again scheduled for presentation in the 272<sup>nd</sup> SEAC meeting dated 31/03/2016 but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP.

The case was presented by the PP and their consultant wherein PP informed that they are withdrawing their case as they have made certain changes in the project and have obtained revised T&CP permission and will be resubmitting their application. PP has also submitted a written request vide letter dated 31/08/2016 enclosing the copy of revised T&CP permission obtained on dated 30/08/2016. The committee after deliberations decided that on the request of PP case can be forwarded to SEIAA for delisting as PP is not interested to continue with the project.

9. **Case No. - 4154/15 Shri Narendra Batra, Director, M/s Samarth Devcon Pvt. Ltd., 208, Saffire Heights, A.B. Road, Indore (MP)-452001 For- Building Constuction. Prior Environment Clearance for approval of proposed Construction of Group Housing Project "Shikharji Dreamz" at Khasra no.- 22/1/1, 22/2, 23, 25/1, 26/1/2, 2/2/1, Village-Arandiya, Near Talawalichanda Tehsil-Indore, District-Indore (MP) Total Project Area – 42570.00 m<sup>2</sup> Road Widening Area – 4461.000 m<sup>2</sup> (342 + 4118) Net Land Area for Project – 38109.00 m<sup>2</sup>.For - Building Construction Project.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

This is a residential project comprising building construction with Total Project Area –

42570.00 m<sup>2</sup> Road Widening Area – 4461.000 m<sup>2</sup> (342 + 4118) Net Land Area for Project – 38109.00 m<sup>2</sup>. The project is proposed Khasra No. – 22/1/1, 22/2, 23, 25/1, 26/1/2, 2/2/1, Village-Arandiya, Near Talawalichanda Tehsil-Indore, District-Indore (MP). By virtue of type and size of project it falls under Category B-2, 8(a) in the EIA Notification hence requires prior EC from SEIAA.

The case was earlier scheduled in the 269<sup>th</sup> SEAC meeting dated 29/02/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation in the 272<sup>nd</sup> SEAC meeting dated 31/03/2016 but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP.

The case was presented by the PP and their consultant wherein PP informed that they have already constructed approx. 18,000 sq. meter as per the CTE obtained from the M. P. Pollution control Board. The committee after deliberations decided that since PP has taken up the construction activities up to 18,000 sq. meter, site visit may be carryout by a sub-committee of SEAC and PP may be asked to submit chartered engineer certificate for the construction activities already taken up and total build up area against the T&CP permission and compliance statement of CTE conditions.

**10 Case No. - 4270/2015 Shri Kishan Wadhani, Project Engineer, M.P. Police Housing Corporation, Indore Division, D-30, HIG Colony, A.B. Road, Indore**

**(MP)-452008 For- Building Construction. Prior Environment Clearance for proposed Multi Storey Residential Complex for Police Personnel at Bicholi (Near IDA Scheme No. -140) Khasra no. - 497, Village-Piplyahana, Tehsil & District-Indore (MP) Site Area – 32030 Sqm, Total Built-up Area – 89536.54 Sqm.,**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

The case was earlier scheduled in the 271<sup>st</sup> SEAC meeting dated 02/03/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation in the 272<sup>nd</sup> SEAC meeting dated 31/03/2016 but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA for delisting.

Today, Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 271<sup>st</sup> SEAC meeting, 272<sup>nd</sup> SEAC meetings. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

- 11 **Case No. - 4629/2015 Smt. Meena Agarwal W/o Shri Sanjay Kumar Agrawal, Agrawal House, 5, Yashwant Colony, Indore (MP)-452001 For- Building Constuction. . Prior Environment Clearance for Sanjana Park-II (Group Housing Project) at Khasra No.-478/4/1 to 478/9 & 474, Village-Rau, Tehsil-**

**Rau, District-Indore (MP) Total Land Area - 26690, Build up Area -52025 Sqm.,**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

The case was earlier scheduled in the 270<sup>th</sup> SEAC meeting dated 01/03/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation in the 272<sup>nd</sup> SEAC meeting dated 31/03/2016 but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA for delisting.

Today, Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 271<sup>st</sup> SEAC meeting, 272<sup>nd</sup> SEAC meetings. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION**

- 12. Case no. - 567/2010 Shri Bhupesh Sanghvi, Director M/s Raju Hoarding Pvt. Ltd. 15-16, Jawahar Marg, Indore (M.P.) - The residential complex (Sanghvi Residency) at Village-Bicholi Mardana, Th.-& Distt.-Indore(M.P.) Total Area -**

**30790 Sqm., Built-up Area - 30748.45 sqm. For Building Construction Project.**

The case was discussed in the 277<sup>th</sup> SEAC meeting dated 31/05/2016 wherein it is observed that SEIAA vide their letter no 11732/SEIAA/2016 dated 09.03.2016 has sent back the file to SEAC stating that “it is decided that the case along with the technical file and information submitted by the PP should be sent back to SEAC for site inspection”.

As per the above instruction, a team of SEAC members comprises of Dr. U.R. Singh and Dr. Alok Mittal inspected the site on 15.04.2016 and the inspection report was discussed in the 277<sup>th</sup> SEAC meeting dated 31/05/2016 and recommendations were sent to SEIAA.

SEIAA vide letter no. 2610/SEIAA/16 dated 18/07/2016 has sent back the file stating that “ from the above observations, it is clear that PP has constructed two blocks having a built up area of 18,744 sq. meter against the proposed built up area of 30, 748.45 sq. meter of five blocks. It is to be established that the construction of these blocks have followed proper permission of Nagar Nigam and consent of MPPCB for area less than 20,000 sq. meter. File may be sent to SEAC for further appraisal of this requirement”. Later SEIAA vide another letter no. 2753/SEIAA/16 dated 26/07/2016 has also forwarded a letter submitted by PP for appraisal.

Both the above letters of SEIAA were placed before the committee for perusal and necessary action. The committee observed that PP vide letter dated 20/07/2016 have submitted that the above project was started in the year 2010 and at that time the land of the project was beyond Nagar Nigam boundary and therefore the permission from Gram Panchayat was obtained on 08/05/2005 and 10/09/2009 and have enclosed the copies of the said permissions. PP has further submitted that so far they have not obtained MPPCB’s permission but same will be obtained after the grant of EC. The committee after deliberations decided that obtaining CTE should not be a pre-condition to the process of granting EC and the above submissions of PP may be sent to SEIAA for onward necessary action.

**13. Case No. - 5201/2016 Mr. Shabbir Hussain, M/s SM Creators, CAT Road, Near Ishwar Premchand School, Bijalpur, Indore (M.P.) - 452002 Prior Environment Clearance for "Crystal Spring" Bijalpur, Cat road District, at Survey No. – 18/4, 19/4/2, 22/12, 22/3, 22/11, 22/8, 22/9, 22/6, 22/7, 22/4, 20/13-2 & 16/4, Vill. Bijalpur, Tehsil- Indore, Distt. – Indore (M.P.). Total Plot Area -**

**48, 201.00 sq.mt., For – Building Construction. (Ory. Reply 279<sup>th</sup> SEAC Meeting dt. 02/07/16.**

**PROJECT PROPOSED FUTURE DEVELOPMENT**

<u>Particular</u>	<u>Plot</u>	<u>Net Area</u>	<u>Built up area FSI</u>	<u>Construction Built up</u>	<u>Landscape</u>	<u>Ground Coverage 30%</u>
m <sup>2</sup>	48,201.00	44,321.00	85,321.75	1,34,672.00	14,625.93	13,296.30

Wing	Configuration	No. of Flats
A	Ground Shopping + Podium + 7 Upper Floors	Office Building
B	Ground Stilt + Podium + 10 Upper Floors	80
C	Ground Stilt + Podium + 10 Upper Floors	80
D	Ground Shopping + Podium + 7 Upper Floors	Office Building
E	Ground Stilt + Podium + 10 Upper Floors	90
F	Ground Stilt + Podium + 10 Upper Floors	90
G	Ground Stilt + Podium + 10 Upper Floors	90
H	Ground Stilt + Podium + 10 Upper Floors	90
J	Ground Stilt + Podium + 10 Upper Floors	90
K	Ground Stilt + Podium + 10 Upper Floors	90
EWS/LIG - 1	Ground Stilt + 10 Upper Floors	120
EWS/LIG - 2	Ground Stilt + 10 Upper Floors	80
Club house	Gr shopping + 3	
Total no. of Flats		700 + 200 : 900 Nos.
Sr. No.	Details	Area (m <sup>2</sup> )
I	Total Land Area	52,590.00
II	Area Not Considered for EC (Under Road Widening)	4,389.00



A	Total Plot Area for EC	48,201.00
B	Deductions for Area Under Road Widening	3,880.00
C	Net Plot Area (A-B)	44,321.00
D	Amenity Space (15% of C)	6,648.15
E	Open Space (10% of C)	4,432.10
F	Balance Area of Plot {C-(D+E)}	33,240.75
G	Permissible FSI [CX1.75+ (BX2)]	85,321.75
H	Proposed Built up Area	85,321.75

The case was scheduled for the presentation in the 297<sup>th</sup> SEAC meeting dated 02/07/2016 wherein the PP and their consultant were present. During the presentation it was observed by the committee that fresh water demand for this project will be 469 KLD. PP has proposed 706 tree species plants for which committee suggested that exceptional peripheral plantation should be carried out by PP as proposed and similarly LED lights should be provided in common area through solar energy. After the presentation, PP was asked to submit details on following:

1. Revised project layout wherein road connectivity should be clearly marked.
2. Only two FAB tanks are provided, thus PP should justify how waste water will be treated if one FAB tank is in maintenance.
3. Top soil management plan.
4. PP has proposed 706 tree species plants for which plantation scheme marked on layout map be submitted.
5. Revised EMP with corpus fund calculation be provided.

PP vide letter dated 02/07/2016 has submitted the replies of above queries which was placed before the committee. Committee found that the reply submitted by PP is found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 469 KLD.
2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 706 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Fund should be exclusively earmarked for the implementation of EMP.
8. MSW storage area should have 48 hours storage capacity.
9. Dual plumbing should be provided.
10. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
12. PP will obtain other necessary clearances/NOC from respective authorities.
13. PP will comply with all the commitments made in by the letter dated 02/07/2016.

**14. Case No. – 1673/2013 M/s Madhya Bharat Phosphate Pvt. Ltd. ( Unit – III), through Director Shri Naresh Khilrani, E-7/80, Arera Colony, Bhopal (M.P.) – 462016 M/s Madhya Bharat Phosphate Pvt. Ltd (Unit – III), Village – Dewanganj, Tehsil – Raisen, Distt. – Raisen (M.P.) Manufacturing of SSP Capacity = 195000 TPA or 650 TPD (Granulated).**

This is a SSP fertilizer plant proposed in a private land at Deewanganj, District Raised (M.P). The project is covered under EIA notification, mentioned at SN 5(a) of the schedule of the said notification. Hence require prior EC before commencement of any activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR for the project.

The TOR was approved in the 135<sup>th</sup> SEAC meeting dated 04/06/2013 and the same was issued to the PP vide letter no. 662 dated 20/08/2013 which was valid for 02

years. The validity of TOR expired on 19/08/2015. The above case was placed before the committee as the TOR validity has expired on 19/08/2015. The committee observed that PP has neither submitted the EIA report nor has applied for the extension of TOR's validity period and thus decided that this case may be recommended for delisting to SEIAA as TOR's validity has expired.

**15. Case no. 686/2012 - Shri M.G. Chobey Engineer- in Chief Department of Water Resources, Tulsi Nagar, Bhopal (M.P.) – 462-003 - Patne Medium Irrigation Project Panna (M.P.) Catchment Area- 1387.00 Sq.km., Gross Storage Capacity – 162.00 MCM, Live Storage Capacity – 103.98 MCM, Gross Command Area – 13795 ha. Cultivable Command Area – 6670 ha. at Village – Hada, Tehsil – Pawai, Distt. – Panna (M.P.)**

This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA.

This is a medium irrigation project proposed by Department of Water Resources Government of M.P., at village –Hada, tehsil- Pawai, district – Panna in Madhya Pradesh. Nearest town is Pawai at 07 km. from the site, with CCA less than 10,000 ha. It was reported that, no protected area under international conventions, national or local legislation for their ecological, landscape, cultural or other related value is falling, within 15 km zone of proposed project location boundary and project is not affecting any ecological regions-Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountain-forests.

The TOR was approved in the 92<sup>nd</sup> SEAC meeting dated 09/04/2013 and the same was issued to the PP vide letter no. 212 dated 08/05/2012 which was valid for 02 years. The validity of TOR expired on 07/05/2014. Later on, as per the request of PP, the TOR's validity was extended up to 07/05/2016 vide letter no. 41 dated 10/04/2015. The above case was placed before the committee as the TOR validity has expired on 07/05/2016. The committee observed that PP has neither submitted the EIA report nor has applied for the extension of TOR's validity period and thus decided that this case may be recommended for delisting to SEIAA as TOR's validity has expired.

**16. Case no. 699/2012 - Shri M.G. Chobey, Engineer- in Chief Department of Water Resources, Tulsi Nagar, Bhopal (M.P.) – Mahuar Medium Irrigation Project Catchment Area- 410.98 Sq.km., Gross Storage Capacity – 73.55 MCM,**

*Live Storage Capacity – 65.03 MCM Gross Command Area – 16293 ha. Cultivable Command Area 10860 ha.,at Village – Nawli, Tehsil – Pichhore, Distt. – Shivpuri ( M.P.)*

River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. This is an independent medium size river-valley project.

The TOR was approved in the 94<sup>th</sup> SEAC meeting dated 07/05/2012 and the same was issued to the PP vide letter no. 298 dated 20/06/2012 which was valid for 02 years. The validity of TOR expired on 06/05/2014. Later on, as per the request of PP, the TOR's validity was extended up to 07/05/2016 vide letter no. 59 dated 10/04/2015. The above case was placed before the committee as the TOR validity has expired on 07/05/2016. The committee observed that PP has neither submitted the EIA report nor has applied for the extension of TOR's validity period and thus decided that this case may be recommended for delisting to SEIAA as TOR's validity has expired.

**17. Case No. - 4954/2016 Shri Badri Prasad Patel, Proprietor, M/s Patel Builders, 63/6/1, SiddiBhawan, Chunna Bhatti, Bhopal (M.P.)-462016 Prior Environment Clearance for proposed Multi Residential Colony (Sidhi Sanskriti) Built-up Area- 29821.24 sqmt., Total Plot Area-20600 sq.mt., at Survey no.-151, Vill.- Salaiya, Teh-Huzur, Distt.-Bhopal (M.P.) FoR- Building Construction.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Land use - The proposed project site earmarked for development of Group Housing is located at khasara no. 151 village salaiya, Nagar Pallika- Kolar, Tehsil-Huzur , Dist.-Bhopal. The proposed development has been planned in an area of 20600 SQM and the details are as follows:

Total Plot Area	= 20600 sqm
Net plot area	= 20306 sq m
Area for group housing	= 18072.34 sqm

Area for EWS = 408.8 sqm  
 Club house Area = 684 sqm  
 Area for shops = 1509.2 sqm  
 Total Builtup Area =29821.24 sqm  
 Green Area =30% = 6180 sqm  
 Ground coverage =30% = 6180 sqm  
 Road Area = 38 % = 7828

Main Dwelling =252  
 EWS units = 17  
 Total Units =269  
 Total Shops =60  
 ECS Parking =239  
 Residents population=1345  
 No of floors =g+6 Max Height=21 m  
 No. of Blocks =7 main blocks and 1 EWS Block

S.No.	Item Description	Number of inhabitants/ Population	Per Capita water Requirement (L/D)	Total water Requirement KLD
A.	Flushing Water	1345	45	60.52
B	Domestic Water	1345	90	121
A+B	Total Water Demand			181.52

**Solid waste Generation:**

Population/Area = 1345  
 Per capita solid waste generation (kg/day) = 0.6 807  
 Total solid waste generation (kg/day) =807

**The details of Water Requirement:**

During the Operational and Constructional phase water will be supplied through the tankers and partly from Kolar Nagar Nigam.

S. No.	Name	Water Demand (KLD)
1	Flushing@45LPD	60.5
2	Domestic @90LPD	121
3	Horticulture	30.9

	TOTAL	212.52
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The Developer will provide sewage treatment plant based on FAB & MBBR process for treatment of sewage & sullage water. The treated effluent shall be of a quality suitable for flushing & horticulture/greenbelt.

The case was presented by the PP and their consultant in the 273<sup>rd</sup> SEAC meeting dated 01/04/2015 wherein after deliberations PP was asked to submit response on following issues:-

- a. Distance of project site from the Kaliasot River.
- b. Revised EMP with enhanced budgetary provisions.
- c. Detailed plantation scheme with financial outlay.

Committee also proposes to carryout site visit to ascertain that there is no violation and proximity to Kaliasot River.

PP has submitted the reply of above issues raised during the 273<sup>rd</sup> SEAC meeting dated 01/04/2015 vides letter no.719 dated 27/04/2016 which was placed before the committee. The reply submitted by the PP was placed before the committee wherein committee decided to carryout site visit to ascertain that there is no violation as decided in the 273<sup>rd</sup> SEAC meeting dated 01/04/2016.

As decided, Shri K. P. Nyati, Member SEAC and Dr. Alok Mittal, Member SEAC visited the site on 09/06/2016. During inspection, Dr. Abhaya k. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal was also present along with the PP Mr. Badri Prasad and their consultant.

**Major Observations during the Site Visit:**

It was informed by the representative of PP present at the site during the site visit that the total land area of the project is 20,600 Sq.m. and the proposed built up area of the project is 29821.24 Sq.m.

The proposed project site earmarked for development of Group Housing is located at khasara no. 151 village salaiya, Nagar Pallika- Kolar, Tehsil-Huzur , Dist.- Bhopal. No development or construction activities were observed during the site visit and thus PP has not violated the EIA Notification, 2006.

The site is appears to be >250 meters away from the Kaliasot River. The proposed site is a barren land and no trees exist within the project boundary except a couple

of trees on the road side boundary of the project site.

The above report of the sub-committee was placed before the committee in the 278<sup>th</sup> SEAC meeting dated 14/06/2016 wherein after deliberations committee endorsed the inspection report and decided that the PP may be called for the query reply presentation in the subsequent meeting of SEAC.

The case was presented by the PP and their consultant for the query replies raised in the 273<sup>rd</sup> SEAC meeting dated 01/04/2015. During query reply presentation in the 279<sup>th</sup> SEAC meeting dated 02/07/2016, it was observed by the committee that a canal is passing near the project boundary and thus PP was asked to submit exact distance of canal from the project boundary and safety area left by the PP between canal and project boundary. PP was also advised by the committee that in the safe area left between canal and project boundary thick green belt should be developed by the PP for which a plan on map should also be submitted by the PP. PP was also asked to revise and enhance the provisions made for the effective O&M of STP.

PP vide letter dated 08/07/2016 has submitted the replies of above queries which was placed before the committee. Committee found that the reply submitted by PP is found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 121.10 KLD.
2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 257 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Fund should be exclusively earmarked for the implementation of EMP.
8. MSW storage area should have 48 hours storage capacity.
9. Dual plumbing should be provided.
10. Provision for physically challenged persons be made so that they easily excess

pathway/derive way for their vehicles.

11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
12. PP will obtain other necessary clearances/NOC from respective authorities.
13. PP will comply with all the commitments made in by the letter dated 08/07/2016.

**18. Case No. - 2888/2015 M/s Highway Infrastructure Pvt. Ltd., & Mr. Vivek Agrawal (Land Co-owners), 2. Prashant Sagar Builders Developers Pvt. Ltd., 57-FA, Scheme No. 94, Pipliyahana Junction, Ring Road, Indore (MP)-452016 Prior Environment Clearance for approval of proposed Construction of Residential Housing Project "Highway Karuna Sagar" at Khasra No. – 176/1, 177/3, 178/1, 179/4/2, Vill.-Kanadia, Teh. - Indore, District - Indore (MP)**

Earlier the case was recommended for the EC in the 269<sup>th</sup> SEAC meeting dated 29/02/2016. SEIAA vide letter no. 679/SEIAA/16 dated 18/04/2016 has sent back the file to SEAC stating that “PP has not complied the proposed activities at various stage such water supply, disposal of waste water, collection of MSW etc. Therefore the EC recommendations by committee needs to be reappraised as per the above observations to fulfill the directives of Hon’ble NGT and Hon’ble High Court”, which was placed before the committee.

In the 279<sup>th</sup> SEAC meeting dated 02/07/2016, the committee observed that SEIAA has certain observations as per SEIAA meeting No. 313 dated 04/04/2016. The PP has replied all the observations of SEIAA vide letter dated 10/06/2016 and have also enclosed the copy of various permissions obtained from the concerned authorities for water supply, disposal of waste water, collection of MSW etc. It is therefore logical that the authority examines the reply of PP with respect to each observations of SEIAA and if there is anything after examining the reply of PP where SEIAA believes that on certain points SEAC may re-appraise, then those specific issues may be sent back to SEAC as early as possible as SEAC has already made the recommendations in the 269<sup>th</sup> SEAC meeting dated 29/02/2016.

SEIAA again vide letter no. 2946/SEIAA/16 dated 03/08/2016 has sent back the file for site inspection for verifying the statements made by the PP vide letter dated 10/06/2016 which was placed before the committee. The committee after deliberations observed that an inspection of the site is already carried out by a sub-committee of SEAC on dated 21/12/2015 and the site inspection report was



discussed in the 256<sup>th</sup> SEAC meeting dated 03/01/2016 and based on the inspection report, the PP was called for the presentation in the 269<sup>th</sup> SEAC meeting dated 29/02/2016 and on the basis of submissions made by the PP, the case was recommended for EC in this meeting. The committee after deliberations decided that:

1. As the site inspection has already been conducted by the members of SEAC and report submitted, inspecting it again will be a duplication of work unless some specific information is required. The 15 parameters mentioned in the OM had already been considered by the committee at the time of presentation and during site inspection by the sub-committee of SEAC.
2. As regard area constructed and whether construction has been carried out as per the building permission/ other NOC's, (refer point no. 01 to 05, 08, 11 & 12 of SEIAA letter dated 03/08/2016) the committee was of the view that for exact and authentic assessment of the area constructed and whether construction has been carried out as per the building permission/requirements of the norms of the competent approval authorities/ facilities developed as per their permissions, it would be more appropriate to request the concern agencies of the State Govt. for their verification.
3. The issue of water requirement, dual plumbing and rain water harvesting etc have already addressed in the inspection report of the sub-committee. The other issues such as permission of CGWB and plantation area etc can be a part of the standard conditions.

In view of the above, committee believe that site visit is not necessary in this case as the site inspection has already been carried out by the members of SEAC and the site inspection report was discussed in the 256<sup>th</sup> SEAC meeting dated 03/01/2016 on the basis of submissions made by the PP, the case was recommended for EC in the 269<sup>th</sup> SEAC meeting dated 29/02/2016.

**19. Case No.-1843/2014 M/s M P Builders & Developers, Shri Man Singh Rajput, Partner, 21-28, Chhatrapati Nagar, Narela Shankari, Bhopal-462041 Environment Clearance for approval of proposed residential project "Tirupati M.L. Highrise" at Khasra No.- 130-131/1/1, 130-131/3, 130-131/2, Village-Damkheda, Tehsil-Huzur, District- Bhopal (M.P.) Plot Area – 1.69 ha. Total Built up Area -22932.48 sqmt. Env. Consultant – Not Mentioned. – Building Construction Project.**

The case was discussed in the 156<sup>th</sup> SEAC meeting dated 12/11/2014 wherein it was observed that neither the Project Proponent (PP) nor his representative was

present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was discussed in the 188<sup>th</sup> SEAC meeting dated 02/06/2015 wherein request from PP was received for withdrawal of the case through SEIAA, Committee accepted the request and decided to send the case back to SEIAA for further necessary action in the matter. SEIAA vide their letter no. 2954 dated 03/07/2015 has sent back the file to carryout inspection to assess the construction/developmental activities at the site. In the mean time SEIAA vide their letter no. 8239 dated 27/11/2015 has sent the PP's letter dated 18/11/2015 requesting for withdrawal of the application which was placed before the committee. The case was discussed in the 255<sup>th</sup> SEAC meeting dated 02/01/2016 wherein committee after deliberations decided that since PP has made request for withdrawal of their application, same may be considered by the SEIAA as per EIA Notification, 2006.

SEIAA again vide their letter no. 10772 dated 27/01/2016 has sent back the file to SEAC to carryout inspection to assess the construction/developmental activities at the site. Later on SEIAA vide letter no. 3151/SEIAA/16 dated 12/08/2016 has also forwarded the letter dated 08/08/2016 submitted by PP which were placed before the committee. The Committee observed that PP vide letter dated 08/08/2016 has submitted that some of the flats which were booked were taken up for construction and one out of four blocks is constructed. The built-up area taken up for construction is 19451.16 sq. meters. PP has further submitted that the T&CP permission has also revised. Previously the application was made for the approval of 22932.48 sq. meters vide letter dated 31/10/2013. Now PP has obtained revised T&CP permission for 29835 sq. meter vide letter dated 09/09/2015 and requested for withdrawal of application. The committee after deliberations decided that as for as construction/developmental activities are concerned, PP himself has informed that some of the flats which were booked were taken up for construction and one out of four blocks is constructed. The built-up area taken up for construction is 19451.16 sq. meters and since the T&CP permission has been revised from 22932.48 sq. meters to 29835 sq. meter and the application submitted by PP is based on the old approval (22932.48 sq. meters), the PP may be asked to submit revised application as per the revised permission and plan through SEIAA.

[A. A. Mishra]  
Member Secretary

[K.P. Nyati]  
Vice Chairperson

