

The 280th meeting of the State Expert Appraisal Committee (SEAC) was held on 31st August, 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. Dr. S. K. Iyer, Member
5. Dr. Dr. Alok Mittal, Member
6. 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. - 5240/2016 M/s Shri Kalyanika Promoters and Developers Pvt. Ltd., Through Director Shri Tarachand Khatri, Katanga, Jabalpur (M.P.) 483105 Prior E.C for "OJAS IMPERIA" Proposed Residential & Commercial Project, at Khasra No. 7/1, Part of Div Plot No. - 15/1, Ward No. - 52, Jabalpur (M.P.) Total Plot Area - 7231.30 sq.m., Total Build up Area - 24989.76 sq.m., For-Building Construction. Case forwarded to SEIAA letter no. 2053 dt.16/06/16 rec. dt. 20/06/16 Env Consultant: Not disclosed.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14th 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 is a proposed residential & commercial project located at Khasra No. 7/1, Part of Div Plot No. 6 15/1, Ward No. 6 52, Jabalpur (M.P.) with total plot area of 7231.30 sq.m and total build up area of 24989.76 sq.m.

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 31/08/2016 has submitted that they are unable to present their case today as non-completion and compilation of all data required for presentation. 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. - 5264/2016 Shri M. G. Chobey, O/o Engineer-in-Chief, M. P. Water Resources Department, Jal Sansadhan Bhawan, Tulsi Nagar, Bhopal (M.P.) – 462003 Prior Environment Clearance for Hiren Irrigation Medium Tank Project at Village - Baduwa, Tehsil - Kundam (DPAP Block), Distt.- Jabalpur (M.P.) Total Live Storage Capacity- 31.25 Mcm, Cultivable Command Area - 8125 ha., Gross Catchment Area – 91.67 Sq km, Dam Lenth – 810 Meter, Spillway – 96 M, Maximum height of Dam – 39 M., FoR- ToR. Case forwarded to SEIAA letter no. 2271 dt.30/06/16 rec. dt. 02/07/16. Env Consultant: Not disclosed.**

This is case of Hiren Irrigation Medium Tank Project at Village - Baduwa, Tehsil - Kundam (DPAP Block), Distt.- Jabalpur (M.P.) Total Live Storage Capacity- 31.25 Mcm, Cultivable Command Area - 8125 ha., Gross Catchment Area ó 91.67 Sq km, Dam Lenth ó 810 Meter, Spillway ó 96 M, Maximum height of Dam ó 39 M.,. The application was forwarded by SEIAA to SEAC for appraisal. The project requires prior EC before commencement of any activity at site under category 1(c).

Location Details

S.No	Details	HIRAN PROJECT
1	Latitude	23°16'30''
2	Longitude	80°21'43''
3	State	Madhya Pradesh
4	District	Jabalpur
5	Tehsil & Block	Kundam
6.	River	Hiran
7.	Accessibility	At a distance of 68 Km from Jabalpur.

BRIEF DESCRIPTION OF THE PROJECT

- É Hiran Irrigation Project is proposed on River Hiran, a tributary of river Narmada, near Baduwa village of Tehsil Kundam, District Jabalpur located at Latitude 23°16'30'' and Longitude 80°21'43''
- É The Project is envisaged to have a live storage capacity of 31.25 MCM.
- É 1.06 MCM has been reserved for drinking purpose and 3.00 MCM water is kept reserved for Environmental releases.
- É Total CCA of the Project is 8125 ha, benefitting 15 villages of Jabalpur & 39 villages of Katni District.
- É Total cost of the project is Rs. 225.99 Crore.

Hydrology (Approved by BODHI)

S.No	Particulars	Value
1.	Gross Catchment Area (Sq km) Intercepted Catchment Area of 1 No U/S Minor Project (Sq km) Net Catchment area (Sq km)	91.67 1.76 89.91
2	Average Annual Rainfall (mm)	1338
3	Designed flood (Cumecs)	1885
4	Net 75% dependable yield (MCM)	31.25

Hydrology

É Net catchment area of the river at dam site is 89.91 sq km.

É 75% dependable yield, for Net Catchment Area, is worked out as 31.25 MCM .

É Designed Flood has been worked out by Synthetic Unit Hydrograph approach (CWC, Sub zone, 3c) as 1885 cumecs.

É Jabalpur district is in Earthquake zone-III.

Reservoir

S.No	Particulars	Value
1.	Top of Bund Level, (m)	R.L. 486.00
2.	MWL , (m)	R.L. 484.00
3.	Full Reservoir Level, (m)	R.L. 482.00
4.	Crest Level (m)	R.L. 479.00
5.	Dead Storage Level, (m)	R.L. 453.00
6.	Deepest River Bed Level, (m)	R.L. 447.00
7.	Top Width of Dam (m)	6.00
8.	Height of Dam, (m)	39.00
9.	Gross storage (MCM)	35.53
10.	Live storage (MCM)	31.25
11.	Dead storage (MCM)	4.28
12.	Length of main Dam, (m)	810.00
13	Length of Spillway, (m)	110.00
14	No. of spillway gates, (m)	9 Nos Vertical gates (10m x 3m)

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORø:-

1. Since the project location is near Jabalpur which is earth quake sensitive area thus suitable precautions should be taken up during designing of the dam.
 2. Since project involves 54.87 ha forest area, FC clearance has to be obtained. PP should indicate the status of FC clearance in EIA report.
 3. If there is any mining activity in the area, same should be discussed in the EIA report.
 4. Cost benefit analysis including environmental factors should be given in the EIA report.
 5. Green belt plan and catchment area treatment plan be provided in the EIA report.
 6. Inventory of existing trees and their management should be provided in the EIA report.
 7. Details of area under submergence should be discussed in the EIA along with details of incremental benefits associated with this project.
 8. During the operational phase of the project, pumping is also proposed thus committee suggested that such a technology be used for pumping of water in which energy consumption is minimum and same should be discussed in the EIA report.
 9. The potential risks and threats associated with the dam when it reaches FTL to the nearby villages should be discussed in the EIA.
3. **Case No. – 5322/2016 Shri M.G. Chobey, Engineer-in-Chief, Water Resources Department, Tulsi Nagar, Bhopal, MP – 462003 Chhitakhudri Irrigation Project, Village - Chhitakhudri, Tehsil - Kundam, District – Jabalpur (M.P.)Total Live Storage Capacity- 31.25 Mcm, Cultivable Command Area - 9300 ha. & 42 Villages comes under the command area of the Project., Dam Lenth – 1648 Meter Long Earthen Dam along with 206 M un-gated side Spillway. FoR- ToR. Case forwarded to SEIAA letter no. 3044dt .06 -08-2016 Rec dt. 11/08/16. Env Consultant: Not disclosed**

This is case of Chhitakhudri Irrigation Project, Village - Chhitakhudri, Tehsil - Kundam, District ó Jabalpur (M.P.)Total Live Storage Capacity- 31.25 Mcm, Cultivable Command Area - 9300 ha. & 42 Villages comes under the command area of the Project., Dam Lenth ó 1648 Meter Long Earthen Dam along with 206 M un-gated side Spillway. The application was forwarded by SEIAA to SEAC for appraisal. The project requires prior EC before commencement of any activity at site under category 1(c).

Location Details

S.No	Details	CHHITAKHUDRI PROJECT
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1	Latitude	23°09'17"
2	Longitude	80°26'27"
3	State	Madhya Pradesh
4	District	Jabalpur
5	Tehsil & Block	Kundam
6.	River	CHHOTI MAHANADI
7.	Accessibility	At a distance of 60 Km from Jabalpur.

BRIEF DESCRIPTION OF THE PROJECT

- É Chhitakhudri Irrigation Project is proposed on River Chhoti Mahanadi, a tributary of River Son, near Chhitakhudri village of Tehsil Kundam, District Jabalpur located at Latitude 23°09'17" and Longitude 80°26'27"
- É The Project is envisaged to have a live storage capacity of 69.74 MCM.
- É 10.00 MCM has been reserved for drinking purpose, 3.00 MCM water is kept reserved for Environmental released & 17.00 MCM for future industrial use.
- É Total CCA of the Project is 9300 ha, benefitting 42 villages of Jabalpur District.
- É Total cost of the project is Rs. 308.02 Crore.

Hydrology (Approved by BODHI)

<u>S.No</u>	<u>Particulars</u>	<u>Value</u>
1.	Gross Catchment area (Sq km) Intercepted Catchment of 6 Nos U/S Minor Projects (Sq km) Net Catchment area (Sq km)	254.64 35.64 219.00
2	Average Annual Rainfall (mm)	1405
3	Designed flood (Cumecs)	2002.41
4	Net 75% dependable yield (MCM)	69.74

- É Net catchment area of the river at dam site is 219.00 sq km.
- É 75% dependable yield, for Net Catchment Area, is worked out as 69.74MCM
- É Designed flood has been worked out by Synthetic Unit Hydrograph approach (CWC, Sub zone, 3c) as 2002.41 cumecs.
- É Jabalpur district is in Earthquake zone-III.

Salient Features of the Project Reservoir

<u>S.No</u>	<u>Particulars</u>	<u>Value</u>
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1.	Top of Bund Level, (m)	R.L. 598.50
2.	MWL , (m)	R.L. 596.50
3.	Full Reservoir Level, (m)	R.L. 594.00
4.	Crest Level (m)	R.L. 594.00
5.	Dead Storage Level, (m)	R.L. 571.40
6.	Deepest River Bed Level, (m)	R.L. 558.05
7.	Top Width of Dam (m)	6.00
8.	Height of Dam, (m)	40.45
9.	Gross storage (MCM)	77.59
10.	Live storage (MCM)	69.74
11.	Dead storage (MCM)	7.85
12.	Length of main Dam, (m)	1648.00
13	Length of Spillway, (m) / Type	206.00 / Side Spillway (L/S)
14	No. of spillway gates, (m)	-

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

1. Since the project location is near Jabalpur which is earth quake sensitive area thus suitable precautions should be taken up during designing of the dam.
2. Since project involves 69.40 ha forest area, FC clearance has to be obtained. PP should indicate the status of FC clearance in EIA report.
3. If there is any mining activity in the area, same should be discussed in the EIA report.
4. Cost benefit analysis including environmental factors should be given in the EIA report.
5. Green belt plan and catchment area treatment plan be provided in the EIA report.
6. Inventory of existing trees and their management should be provided in the EIA report.
7. Details of area under submergence should be discussed in the EIA along with details of incremental benefits associated with this project.
8. An island is likely to come up in the submerged area after the construction of dam which needs to be properly protected and provided with all weather

roads.

9. Since project involves submergence of 01 village and partial submergence of 07 villages thus issue of R&R should be discussed in the EIA report.
10. The potential risks and threats associated with the dam when it reaches FTL to the nearby villages should be discussed in the EIA.

4. **Case No. – 477/2009 Shri Nimish Arora, Director M/s Aarone Developers Pvt Ltd 6th Floor, Office Tower , Select City Walk A-3, District Centre Saket, New Delhi- 110 017 “ County Walk ” Area Development Project at Village - Zalariya, Plot Area - 80.811 ha., Distt- Indore.(M.P) (Add. ToR issued 109 SEAC Meeting dt 19/12/12, ToR issued dt. 10/01/13)FoR- EIA Presentation. Building Construction Project. Case forwarded to SEIAA letter no. 1561 dt.19/05/16 rec. dt. 25/05/16. (SEIAA send Credible evidence) Env. Cons. – GRC India, Delhi.**

This is a building construction project comprising area development. The project falls under EIA Notification and is mentioned at SN 8 (b) category -Bø The project has been recommended by the SEAC for grant of EC in earlier meetings of SEAC (44th dated 23/12/2009, 143rd dated 20/10/2013 and 153rd dated 21/10/2014). The matter has been referred back to SEAC by SEIAA vide letter no. 1561/SEIAA/16 dated 19/05/2016 for appraisal as credible action has been initiated.

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.

5. **Case No. 2129/2015 Mr. Vijay Singh Rawat, General Manager and Plant Head, Ranbaxy Laboratories Limited, (New Name M/s Sun Pharmaceuticals Industries Ltd.) Plot No. - K 5, 6, 7 & 10 Ghirongi Industrial Area, Vill. - Malanpur, Th.-Gohad, Bhind (M.P.) Prior Environment Clearance for approval of modernization of existing consent at Vill. - Malanpur, Th. - Gohad, Bhind (M.P.) Product – Synthetic Organic Chemicals – 102 TPA (As per Water/Air Consent), Total Plot Area – 44255 m2.) Rev. Form- I Rec. Through SEIAA. Env. Cons. - Kadam Enviro Con. Delhi**

Project	<p><i>M/s Sun Pharmaceutical Industries Ltd.) Plot No. - K 5, 6, 7 & 10 Ghirongi Ind Area, Vill.-Malanpur, Th.-Gohad, Bhind (M.P.)</i></p> <p><i>Product – Sythetic Organic Chemicals – 102 TPA</i></p> <p><i>Total Plot Area – 44255 m2.</i></p>							
Location of Project Site	Plot no. K 5, 6, 7 & 10 Ghirongi Industrial Area, Malanpur, District Bhind, Madhya Pradesh							
Land Acquired	44225 m ²							
Cost of the Project	INR 69.63 Crores + INR 5.2 crores on Environmental Upgradation							
Production Capacity	Product Name				Existing Capacity in TPA as per Consent			
	Alpha Keto Ester				36			
	Bicyclo Ketone				36			
	Imipenems				5			
	Other penems				5			
	Enol Phosphate				20			
	Total				102			
Fuel Consumption	S. No.	Stack Attached to	Capacity	Stack Nos.	Type of Fuel used	Fuel consumption	Stack Height, m	Stack Dia., inch
	As per Consent							
	1	Boiler	2.5 TPH	01	FO	190 Lt/Hr.	30	20
	2	DG Set	1250 kVA	01	HSD	270 Lt/Hr.	30	10
	3	DG Set	500 kVA	01	HSD	150 Lt/Hr.	7	06
	Required to Install							
	1	Boiler	4 TPH	01	FO	300 Lt/Hr.	30	30
Process Vents	A common vent for process reactors of 15m height. Caustic scrubber system is attached to scrub acid fumes.							

Earlier, the case was presented by the PP and their consultant in the 167th SEAC meeting dated 10/01/2015 wherein while going through the presentation and submissions made by the PP and his consultant committee decided that

following details may be obtained from MPPCB before any further action in the matter:

- What changes in product-mix / modernization have been allowed to the industry after September 2006?
- What changes in pollution-load with changed product-mix / modernization have been observed by the MPPCB?
- Has industry violated the provisions of EP (Act) at point of time-details thereby and the action taken (if any).

The case shall be considered for further action after receiving above information from MPPCB.

The reply of MPPCB was received wherein MP PCB has stated that due to increases in pollution load as unit has installed 2.5 Ton capacity boiler and proposed an additional boiler of 4.00 Ton/hour EC is required and the case was scheduled for the presentation in the 264th SEAC meeting dated 12/01/2016 but neither PP nor his authorized representative was present to represent their case. The person who came for the presentation on behalf of PP could not produce the proper authority letter from the PP and thus the case was deferred. The case may be scheduled in forthcoming meeting.

The case was scheduled for the presentation in the 269th SEAC meeting dated 29/02/2016 wherein PP and their consultant were present. During presentation it was observed that PP has already installed/ upgrade the facility. It may be noted that the increase in pollution load happened because of implementing following improvements mandated by M. P. Pollution Control Board under the Water Act, 1974 and Air Act, 1981:-

- a. Up gradation of the solvent recovery system to achieve minimum level of 95% of solvent recovery.
- b. Installation of MEE to take care of high COD load waste water.
- c. Installation of additional boiler and cooling tower to run the above MEE.

All the above improvements are directed by M. P. Pollution Control Board for the environmental protection measures. However, for above issue, the MoEF&CC circular F.No. J-11013/41/2006-IA-II(I) dated 14/12/2006 read as follows:

“Projects involving modernization of the existing units with increase in the total production capacity beyond the threshold limit specified in the schedule to the notification, through change in process or technology or change in the product mix or debottle-necking or combination of these, involving increase in

pollution load will obtain prior environmental clearance from the concerned regulatory authority under the EIA notification, 2006”.

The PP approached SEIAA for EC in 2014 as unit name M/s Ranbaxy Laboratories Limited, and later on in 2016 submitted the revised from -1 with new name as M/s Sun Pharmaceutical Industries Ltd., Malanpur, Bhind. During presentation PP submitted that to comply with the consent conditions they have installed a Tertiary Treatment System Multi Grade Filter (MGF), Activated Carbon Filter (ACF), Reverse Osmosis (RO), Thermal System (Steam Stripper, Multiple Effect Evaporator (MEE), Agitated Thin Film Dryer (ATFD) Solvent Recovery system and auxiliary facilities were installed to support the above which includes cooling tower, chilling plant, Enhanced Boiler and Enhanced DG set.

As the PP has already installed the above stated equipments apparently it attracts the provisions of EIA Notification, 2006. The committee therefore decided to seek from PP the position on the issue and also decided to obtain clarification from M. P. Pollution Control Board based on above submission of PP and applicability of Environmental Clearance in this situation. The reply from MPPCB was received vide letter dated 24/06/2016.

The case was scheduled for the presentation today wherein during discussion PP submitted that company wants to withdraw their application as there are some changes in the proposal and will file revise application with revise proposal. PP has also submitted a letter dated 31/08/2016 in this regard. The committee after deliberation decided that the case shall be returned to SEIAA for delisting as PP is not interested to continue with the project as per their letter dated 31/08/2016.

6. **Case No. – 2643/2015 Mr. Arun Agrawal, B-62, Paraspar Colony, Chuna Bhatti, Bhopal-462017 (M.P.) Prior Environment Clearance for proposed Residential Group Housing Project "Padam Heights" at Vill.- Raslakhedi, Teh.- Huzur, District-Bhopal (MP) Last Chance FoR- Qry Reply Presentation. Case forwarded to SEIAA letter no. 3450 dtd. 30-03-15 CF 255 Meeting dt. 02/01/16, 279 dt. 02/07/16. Env. Cons. – Not disclosed.**

This is a for proposed Residential Group Housing Project "Padam Heights" at Village-Raslakhedi, Tehsil-Huzur, District-Bhopal (MP). The case was presented in 217th. SEAC meeting dated 23/08/15 where in it was observed that the project site is approx. 8.5 Km from the Van Vihar National Park (a Notified PA) Clearance

from NBWL is therefore needed. A copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case. It was decided to defer the case till receipt of the same. The PP has submitted the copy of application made for wild life clearance to the competent authority.

The project pertains to proposed Residential Group Housing Project "Padam Heights" at Village-Raslakhedi, Tehsil-Huzur, District-Bhopal (MP) under Category B-2, item 8 (a) of the schedule of the EIA Notification hence requires prior EC from SEIAA. Application for grant of EC was forwarded by SEIAA to SEAC for appraisal.

The case was discussed in 226th SEAC meeting dated 18/09/2015 wherein after deliberation and presentation PP was asked to submit following information for appraisal:-

1. Copy of Joint Venture / Agreement made between the land owner and developer be submitted.
2. Revised water balance be submitted w.r.t. to reuse and recycled water details.
3. Commitment of PP for installation of Filter press machine for dewatering of sludge.
4. Commitment of PP for disposal of MSW and ETP sludge in MSW trenching ground.
5. MSW quantification be reassessed and submitted.
6. MSW storage area for 48 hours be marked on layout map and re submitted.
7. Provisions made for car parking needs enhancement. PP should submit revised car parking plan.
8. Green belt development plan along with detailed plantation scheme be re submitted clearly stating area reserved for green belt.
9. Area kept for EWS, STP and MSW storage duly marked on layout map should be re submitted.
10. It was also observed that documents sent to members are lacking many essential annexure such as Annexure No. 01,05,11,13 & 16. PP & the consultant advised to take a note of this and in future complete set of documents should be provided to the members.

PP has submitted the response to the above queries vides letter dated 20/10/15 which was placed before the committee in the 255th SEAC meeting dated 02/01/2016. After deliberations committee decided that PP may be called for the query reply presentation upcoming meetings of SEAC.

The case was scheduled for the presentation in the 279th SEAC meeting dated 02/07/2016 for query reply presentation 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 giving last chance.

As decided above, case was again scheduled for query reply 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. Earlier PP was also absent in the 279th SEAC meeting and it was decided to give last chance to the PP to represent his case but again PP remains absent.

Thus committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent and hence the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

7. **Case No. – 2640/2015 Mr. Anil Satwani, Managing Director, Symbiotic Pharmalab Pvt. Ltd., 385/2, Pigdamber, Rau, Indore (M.P.)-453331 Prior Environment Clearance for proposed expansion of Manufacturing of Bulk Drugs (Steroids & Hormones) at Plot No. : 3,5,6,7 & 8, Pharma Zone, Phase-II, Indore Special Economic Zone, Teh.-Pithampur, District-Dhar (M.P.) For - EIA presentation. Env. Cons. – Anacon Lab. Nagpur (M.S.)**

This is a case of Manufacturing of Bulk Drugs (Steroids & Hormones). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- Plot No. : 3,5,6,7 & 8, Pharma Zone, Phase-II, Indore Special Economic Zone, Tehsil-Pithampur, District-Dhar (MP). The industry is existing and operating with a production capacity of 48 MTPA and proposes to expand the production capacity to 1000 MTPA.

PROJECT DETAILS

Plot/Survey/ Khasra No.	Symbiotec Pharmalab Pvt. Ltd., 3,5,6,7 & 8 Pharma Zone, Phase II, SEZ-Pithampur, Pin Code: 454 774 District: Dhar (M.P) India
Village/Town	Pithampur
Tehsil	Pithampur
District	Dhar

State	Madhya Pradesh
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DETAILS ABOUT PROPOSED INFRASTRUCTURE

Sr. No.	Details	Description
1	Industrial area (Existing & Proposed)	30390 sq.m. (Existing) + 19867 sq.m. (Proposed) = Total 50257 sq. m
2	Residential area	Not applicable
3	Green belt	Additional green belt area will be developed during expansion stage (newly allotted area by MPAKVN)
4	Connectivity	Nearest Highway: NH-59 (5.5 km) NE, Nearest Road: Pithampur road, Nearest Railway Station: Rau Railway Station (20 km)
5	Drinking water source	Source: MPAKVN
6	Sewerage system	Well managed sewerage system
7	Industrial waste Water	Additional Industrial Effluent would be treated in proposed ETP (300 m ³ /d capacity)
8	Solid waste management	Hazardous waste will be sent to CHWTSD/ Co-Processing
9	Power requirement and supply/source	Source: MPAKVN Supply : 9MW (4 MW + 5 MW)

ENVIRONMENTAL SETTING

Sr. No.	Particulars	Details
1.	Project Location	Plot no. 3, 5, 6,7 & 8 Pharma Zone, Phase II, Indore Special Economic Zone, Pithampur-454774, District: Dhar, Madhya Pradesh

2.	Latitude/Longitude	The project area falls under Indore Special Economic zone-Phase-II Latitude: 22°37'52.8"N to 22°37'54.8"N Longitude: 75°37'27.4"E to 75°37'45.6"E
3.	Location covered in Toposheet No.	46 N/10
4.	Climatic Conditions	Mean annual rainfall around 947.4 mm. In summer the highest day temperature is in between 16.7°C to 40.5°C. January is the coldest month with the minimum temperature at 10.3°C and fluctuates between 10.3 °C to 29.5 °C in winter.
5.	Site elevation above Mean Sea Level	Highest : 551m Lowest : 548m
6.	Land use at the proposed project site	Flat terrain, under SEZ, Pithampur (Indore), Barren land
7.	Site topography	Flat terrain
8.	Nearest roadway	Pithampur Ghatabilod Road ~1.0 Km, S
9.	Nearest Railway Station	Mhow Railway Station ~15 Km, ESE Indore Railway Station ~30 Km, ENE
10.	Nearest Air Port	Devi Ahilyabai Holkar (Indore) Airport ~25 Km, ENE
11	Nearest village/major town	Nearest town- Pithampur ~5 Km, ENE
12	Nearest Port	NA
13	Nearest lake	NA
14	District Headquarters	Dhar, 35 Km. W
15	Nearest city	Mhow in 18 km.
16	Nearest state/National Boundaries	Maharashtra
17	Nearest major city with 2,00,000 population	Indore 40 km.
18	Distance for sea coast	NA

19	Hills/valleys	No
20	Ecologically sensitive zone	Not Available
21	Nearest Reserved/Protected forests	Betma Reserve Forest ~4.33 NE Bhawargad Protected Forest ~6.6 NNE
22	Historical/tourist places	Nil
23	Nearest Industries	The project itself under a Notified Special Economic Zone
24	Nearest water bodies	Angrer River ~2.16 Km S from project site
25	Seismic zone	Seismic zone III as per IS-1893 (part-I)-2002

DETAILS ABOUT PROJECT AND RESOURCES AVAILABILITY

Details	Existing	Proposed	Total
Project location	Plot No. 3,5,6,7 & 8 Pharma Zone Phase II, Indore Special Economic Zone, Tehsil:Pithampur, Pin Code : 454 774, District: Dhar, State: Madhya Pradesh		
Production capacity	48 MTPA	952 MTPA	1000 MTPA
Project land area	7.50 Acre (30390 sqm)	4.94 Acre (19867 sqm)	12.44 Acre (50257 sqm)
Water requirement	140 m ³ /day Source: MPAKVN (I) L	620 m ³ /day Source: MPAKVN (I) L	760 m ³ /day
Wastewater generation	Domestic:40m ³ /day Industrial process: 62 m ³ /day	Domestic- -- Industrial process- 228m ³ /day	<ul style="list-style-type: none"> • Domestic- 40 m³/day • Industrial- 290 m³/day

Power requirement	4MW Source: MPAKVN (I) L	5MW Source: MPAKVN (I) L	9MW
Fuel requirement	LNG: 15000 SCM/M LDO: 5000 Lits/M	Husk: 750 MT/M	LNG: 15000 SCM/M LDO: 5000 Lits/M Husk: 750 MT/M
Green belt area	20708 sqm	67000 sqm	87708 sqm
Man power requirement	627	140	767
Project cost	83.31 Crore	150.00 Crore	233.31 Crore

WATER REQUIREMENT: BREAK-UP (m³/day)

Sr. No.	Purpose	Existing Requirement	Proposed Requirement	Total Requiren
1	Domestic	40	-	40
2	Industrial Processing	60	240	300
3	Industrial Cooling	10	230	240
4	Boiler	20	100	120
5	Other	10	50	60
	Total	140	620	760

WASTEWATER GENERATION (EXISTING AND PROPOSED) (m³/day)

Sr. No.	Purpose	Wastewater Generation to ETP (m ³ /day)		Losses	
		Existing	Proposed	Total	
1	Domestic	40	-	30	-
2	Industrial	54	166	220	80

	Processing				
3	Industrial Cooling	-	-	-	240
4	Boiler blow & steam condensate	08	62	70	50
5	Other	-	-	-	60
	Total	102	228	320	430

Earlier the case was presented before the committee for expansion in production capacity from 48 to 102 MTPA and TOR was issued for the same. The revised proposal was later submitted for production enhancement from 48 to 1000 MTPA without any change in process, area or product-mix hence committee decided to revise the existing TOR. Accordingly standard TOR prescribed by MoEF & CC was approved in the 209th SEAC meeting dated 24/07/2015. with following additional points:

- The baseline data reported to be collected may be used in the EIA study after due validation.
- Compliances of the conditions of existing EC shall be submitted after due validation from MoEF & CC.
- Other TORs suggested in earlier submissions shall remain unaltered.

The case was scheduled in the 275th SEAC meeting dated 12/05/2016 for the presentation of EIA report wherein the PP and their consultant were also present. After presentation & discussion, PP was asked to submit response on following points for further presentation & consideration of the project:

1. PP was asked to submit revised layout plan of the plant as the proposed expansion area was wrongly marked on the submitted layout map.
2. Justification of number of products manufactured ó existing and proposed with complete details as no details are available for approx. 20 proposed products.
3. It is proposed in EIA report that the plant either be zero discharge or effluent be sent to CETP. Please submit justification on above statement and details of CETP existing in the industrial area where this effluent can be treated.
4. MPAKVN registration/permission letter for all the products for which expansion is proposed.

5. Provide details of fresh water demand w. r. t. existing production capacity and proposed expansion capacity.
6. Mechanism proposed for the recovery of solvent with details of individual solvents.
7. Mechanism of storing raw materials with their compatibility.
8. Application of MSIHC Rules in case of all the chemicals used in the plant.
9. Auxiliary details such as number of thermic fluid heaters, boilers, chillers etc. should be provided.
10. It is reported in EIA report that the estimated evaporation losses will be 340 cum/day but their backup calculations are missing which should be submitted.
11. Details about 20 proposed products are missing in the EIA report which should be submitted with detailed justification.

PP has submitted the reply vide letter dated 12/07/2016 and thus the case was scheduled for the presentation in the agenda.

The case was presented by the PP and their consultant wherein during discussion PP informed that the case was earlier presented before the committee for expansion in production capacity from 48 to 102 MTPA and TOR was issued for the same with case no. 2037/2014. The revised proposal (with case no. 2640/2015) was later on submitted for production enhancement from 48 to 1000 MTPA without any change in process, area or product-mix hence committee decided to revise the existing TOR. Accordingly standard TOR prescribed by MoEF&CC was approved in the 209th SEAC meeting dated 24/07/2015. PP vide letter dated 31/08/2016 has submitted request for withdrawal of their case no. 2037/2014.

During discussion, PP submitted that they are withdrawing the 23 proposed products out of 134 from the list mentioned in EIA report from the EC which are not supported with manufacturing process and submitted a letter in this regard on dated 31/08/2016 during presentation. The other submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. All vents from the exhausts of the processes shall be connected to a scrubbing system and the scrubbing media shall be treated through the effluent treatment plant. Solvent stripper should be provided with the ETP.
2. RO and MEE should be provided for treatment of high COD waste streams.
3. In case of emergency/breakdown, high COD wastes should be disposed off through CTSDF, Pithampur, Dhar.
4. Log-books shall be maintained for disposal of all types hazardous wastes

and shall be submitted with the compliance report.

5. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
 6. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Act for handling of hazardous chemicals etc.
 7. Water intensive green area including thick green-belt as proposed shall be developed in consultation with the forest department as per the guidelines of CPCB.
 8. PP should also explore the possibility of green belt development outside the plant premises in consultation with district authority.
 9. VOCs shall be regularly monitored in the work zone in the plant along with the other parameters and data shall be submitted to MPPCB and R.O of MoEF&CC.
 10. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
 11. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 13. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
8. **Case No. - 2500/2015 Mr. P. S. Marwah, President, M/s Birla Corporation Limited, Unit-Satna Cement Works, P.O. Birla Vikas, Distt.-Satna (M.P.)-485005 Proposed Expansion of Captive Power Plant by Installation of 6.0 MW Steam Turbo Set with existing Boiler at Khasra no.- 168, 174, 175, 176, 176, 177, 178, 180, 181, 182 at Vill.- Ghurdang, Th.--Raghuraj Nagar, Dist-Satna (M.P.) ToR Recommended in 191st meeting dated 07/05/2015, ToR letter issued in letter no. 440 dt. 15/06/15.Valid up to 06/05/18. For – EIA Presentation. Case forwarded to SEIAA letter no. 2755dtd. 26/07/16 rec. dt 29/07/16. Env. Consultant - J.M. Enviro Net Pvt. Ltd. Gurgaon.**

The case was scheduled for the presentation of EIA but on examination of file by SEAC secretariat it was observed that it is a draft EIA Report forwarded by SEIAA office to SEAC in which PP has made a request for conducting the public hearing but in the mean time this case was placed in the agenda of 280th SEAC meeting scheduled on 31/08/2016. However, neither the Project Proponent (PP) nor his representative was present today. The committee was informed that this draft EIA report is now sent to Member Secretary, M.P. Pollution Control Board, Bhopal for further necessary action and case will be placed again in the agenda once the final EIA report along with the public hearing is submitted by the PP.

9. **Case No. - 5064/2016 Shri Ravindra Ramakant Gulgule, Joint Managing Director, M/s Think Pharma CRO Pvt. Limited, A/30, Think House, Road No. 10, MIDC Wagle Estate, Thane West (MH)-400604 Prior Environment Clearance for Proposed Active Pharma Ingredients for M/s Think Pharma- CRO Ltd., Bulk Drug & Drug Intermediate Manufacturing Plant at M 40 & 42 Industrial State Dector-3, Village-Pithampur, Tehsil-Pithampur, District-Dhar (M.P.) For – EIA Pharma Industry Project. Case forwarded to SEIAA letter no. 2527 dtd. 26/07/16 rec. dt 29/07/16. Env. Consultant: Ultra-Tech Environmental Consultancy & Lab.Thane(W) Maharashtra.**

This is a case of Manufacturing of Bulk Drug & Drug Intermediate Manufacturing Plant at M 40 & 42 Industrial State Dector-3, Village-Pithampur, Tehsil-Pithampur, District-Dhar (M.P.) The application was forwarded by SEIAA to SEAC for appraisal.

- The company is planning to set up a new unit as Think Pharma CRO ltd. at Plot No. M40-42, Pithampur industrial estate-3, Bugdoon, Dhar, Madhya Pradesh. M.P. Audyogik Kendria Vikas Nigam (Indore) LTD allotted above plot no. vide letter no. AKVN/IND/INFRA/2016/18917 dtd. 03/03/2016. The land for the project admeasuring 21794 Sq. meters is allotted by MPAKVN on lease to the company.
- The company is putting up a project to manufacture intermediates and APIs. Theses intermediates are primarily for contrast media APIs. These are iodine based. Currently, these products are imported. Producing within India should save valuable foreign exchange and also ensure un-interrupted supply of good quality of higher intermediates to API and formulation manufacturers.
- Project Land is situated within the designated notified industrial area of MPAKVN.
- No wildlife sanctuary/National Park/Tiger Reserve falls within 10 km radius.
- No critically polluted area falls within 10 km radius of project site.

Site Address	Plot No. M40 & 42, Pithampur Industrial Estate-3, Budgoon, Dhar (MP)
Production Capacity	Given below
Cost of Project	20 Crore
Boiler capacity	3 T
Power Requirement	500 KVA
Area of plantation	3268 sqmt (0.8 acre)
Alternative Source of Power	DG set of 250 KVA
Land acquired	21794square meter

PROPOSED FACILITIES;

- " Separate Raw Materials and Finished Goods Storage area.
- " Comprehensive Chemical Management Plan and Waste Management Plan will be implemented.
- " Solvent Recovery Plant to manage Solvents
- " Effluent Treatment Plant to manage Wastewater
- " Installation of scrubber for fugitive emissions.
- " Provision of Adequate Stack height and vents for Boiler and DG sets
- " Plantation (Pollution Specific green belt development).
- " Membership of TSDF Facility to manage generated wastes.

ENVIRONMENTAL SETTING OF THE PROJECT

S. N.	Particulars	Details
1	Co-ordinate	1. 22°38'46"N- 75°34'49"E (NE) 2. 22°38'46"N- 75°34'49"E (SE) 3. 22°38'46"N - 75°34'51"E (SW) 4. 22°38'46"N- 75°34'49"E (NW)

4	Nearest Town	Town ó Pithampur ó Distance ó 5 KM City ó Indore ó Distance ó 25 KM District Head quarter ó Dhar ó Distance - 25 KM
5	Nearest Railway Station/Town	Rau Railway Station approx ó 20 KM
6	Nearest Airport	Indore Domestic Airport approx - 30 KM
7	Nearest Highway/Road	Mhow- Ghatabillod Road
8	Hills/Valley	Narmada Valley
9	Ecological Sensitive Zone	None
10	Reserve Forest	None
11	Nearest Village	Budgoon -0.12 km - W
12	Nearest River/ Nalla	Local Nalla - 0.15km - W Angrer Nadi ó 5.0km - SE
13	Other industries in 5 km radius	DivyaJyoti, Indorama, Avtec Hindustan Motors, Bridgestone
14	Surrounding Features	North : Agricultural Land South : Industries and village East : Agricultural land West : Village road

AREA STATEMENT

Particulars	Total Area (Sq. mt.)
Total Land	21794

Built up area	13500
Open Land	8294
Particulars	Total Area (Sq. mt.)
Proposed roof area	13500
Utilities area	750
ETP area	750
AHU Area	250
Plant and machinery area	8000
Admin office	2000
Plantation	3268

PRODUCTS AND PRODUCTION CAPACITY

Sr. No.	Product	Qty MT/PA
1	(2S)-1-{{3,5-bis(chlorocarbonyl)-2,4,6-triiodophenyl}amino}-1-oxopropan-2-yl acetate(Iopamidol stage-III)	82.71
2	5-amino-2,4,6-triiodobenzene-1,3-dicarbonyl dichloride(Iopamidol stage-II)	80.29
3	Paroxetine Hydrochloride	0.4
4	QuetiapineFumatate	0.8
5	Valacyclovir hydrochloride	0.2

6	Ractopamine hydrochloride	6
7	Octopamine Hydrochloride	6
8	Benzocaine	10
9	Benfothiamine	2
10	5-Phenyl valeriatic acid methyl ester (5-PVM)	3
11	trans Retinoic acid, 1-hydroxy-3,3-dimethyl-2-butanone ester(G-101)	0.2
12	Chlorothymol	0.3
13	N-Boc-4-Hydroxy-L-Proline	3
14	2-Nitro benzene sulfanyl chloride(NSC)	0.2
15	Sharpless catalyst	0.02

RAW MATERIAL

Sr. No.	Key Raw materials Solvents	Quantity MT
1	Iodine	218.39
2	5-amino isophthalic acid	102.37
3	L-Lactic acid	68.62
4	Acetyl chloride	89.3
5	Thionyl chloride	385.35
6	S-Carbinol	0.492

7	Tosyl chloride	0.524
8	Sesamol	0.284
9	Phenyl chloroformate	0.26
10	Dibenzo [b,f] [1,4] thiazepine-11(10H) one (DBTO)	0.776
11	Piperazine	0.584
12	Dimethyl aniline	0.312
13	2-chloro ethoxy ethanol	0.424
14	Fumaric acid	0.2
15	POCl ₃	0.52
16	Acyclovir	0.278
17	Cbz-L-Valine	0.388
18	Dicyclohexyl carbodiimide (DCC)	0.59
19	2- α -amino-4-hydroxyacetophenone	24.74
20	Raspberry ketone	5.42
21	4-Nitro benzoic acid	14.7
22	Thiamine HCl	4
23	Benzoyl chloride	1.34
24	Phosphoric acid	31.71
25	Phosphorous pentoxide	4
26	Benzene	13.16
27	Delta valaralactone	4.18

28	Aluminium chloride	10.44
29	All trans retinoic acid	0.18
30	1-chloro picolone	0.18
31	Cesium carbonate	0.21
32	Thymol	0.42
33	Sulfuryl chloride	0.45
34	Carbon tetachoride	0.96
35	4-Hydroxy L-Proline	4.17
36	BOC anhydride	8.34
37	Sodium periodate	24.46
38	Ruthenium chloride	0.01
39	2-chloro nitro benzene	0.57
40	Sodium sulfide	0.43
41	Sulfur	0.09
42	Trichloro ethylene	0.51
43	(S)-(6-methoxyquinolin-4-yl) (2R,4S,5R)-5-ethyl-1-azabicyclo 2.2.2 oct-2-yl methanol. HCl	0.035
44	Dichloro Phthalyl hydrazine	0.00871

45	Toluene	59.2243
46	Methanol	24.826
47	Dichloromethane	480.872
48	Acetone	2.79918

49	Isopropanol	54.741
50	Ethyl acetate	753.01
51	Dimethyl formamide	3.342
52	Pet ether/hexane	6.36
53	Dimethyl acetamide	75.27
55	Tetrahydrofuran	24.69
55	Triethyl amine	92.54

WATER CONSUMPTION AND WASTE WATER GENERATION

Sr.No.	Heads	Consumption KLD	Generation of waste water KLD	Treatment and Disposal
1	Process	50	45	To ETP
2	Domestic	5	4	To ETP ó Aeration Tank
3	Cooling	1	1	Neutralization and use in Gardening
4	Boiler	5	3	Neutralization and use in Gardening
5	Washing	5	5	To ETP
6	Gardening	0	0	
7	Total	66	59	

Sources of Hazardous / Solid Wastes

Sources	Type of pollutants	Preventive measures	Control Measures	Treatment & Disposal
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DG Sets	Used / Spent Oil	Spill prevention plans and training. Changing oil as per operation and service manual	Proper collection and storage in close lid MS drum	Sell to authorized recycler
Process/Utility equipment maintenance	Oil Soaked Waste	Control on Issue of material, Behavioral Trainings, Proper SOPs	Monitoring and Measurement of wastes	To MPWMP, TSDF, Pithampur.
Treatment of wastewater in ETP	Chemical Sludge	Reduction measures for waste water	Proper storage in HDPE bags	To MPWMP, TSDF, Pithampur.
Discarded empty containers	Solid waste	Optimum Usage of Chemicals	Proper storage in covered Concrete Shed	Sell to authorized recycler
DM Plant, Softener	Spent Ion Resin	Spill prevention plans and training.	Proper collection and storage in close lid MS drum	To MPWMP, TSDF, Pithampur.
Mfg Process	Process Residue and wastes	Strict process control, Proper SOPs, QMS implementation	Monitoring and Measurement of wastes	To MPWMP, TSDF, Pithampur.

Mfg Process	Spent Catalyst/Carbon	Reduction measures	Proper storage in HDPE bags	Recovery
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The case was presented by the PP and their consultant for TOR to carryout EIA studies wherein it was observed by committee that MPAKVN has not issued the NOC for all the proposed products. However, committee after deliberations decided that PP can go ahead with the standard TOR as prescribed by the MoEF&CC and should submit NOC of MPAKVN for all the proposed products within 03 weeks. Any additional TOR (if any) may be issued after receipt of NOC from MPAKVN. PP has submitted the EIA report which was forwarded by the SEIAA. In EIA report, PP has attached an agreement with the MPAKVN for manufacturing of all the 15 proposed products.

The case was presented by the PP and their consultant wherein the submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. All vents from the exhausts of the processes shall be connected to a scrubbing system and the scrubbing media shall be treated through the effluent treatment plant. Solvent stripper should be provided with the ETP.
2. RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.
3. Zero liquid discharge shall be observed and no treated waste water should be discharged outside the plant premises.
4. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
5. Bag filters should be provided in the boiler stack.
6. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
7. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Act for handling of hazardous chemicals etc.
8. Water intensive green area including thick green-belt as proposed shall be developed in to mitigate the effect of fugitive emissions all around

the plant in consultation with the forest department as per the guidelines of CPCB.

9. VOCs shall be regularly monitored in the work zone in the plant along with the other parameters and data shall be submitted to MPPCB and R.O of MoEF&CC.
10. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
11. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

10 Case No. - 5308/2016 M/s G.S. Enterprises, Owner & Developers, L.G. 4, Ratanmani Complex, 7/1, New Palasia, Indore – (M.P.) 452001 Prior Environment Clearance for proposed Skye Luxuria Eclat & Skye Corporate Park at Village - Niranjapur, Plot No. 25, Scheme no. 78, Part-2 (A.B.Road), Teh. Indore, Dist. -Indore (M.P.) Total Land Area –11980.85 sqm, Total Net Planing Area –6306.48 sqm), Total Built-up Area – 48171.02 sqm). Building Construction Project. Case forwarded to SEIAA letter no. 2787dt. 27-07-2016 Rec dt. 01/08/16. Env. Cons. – Mantras Green Resources Ltd. Nasik (Maharashtra).

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14th 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 is a proposed Skye Luxuria Eclat & Skye Corporate Park at Village - Niranjapur, Plot No. 25, Scheme no. 78, Part-2 (A.B.Road), Teh. Indore, Dist. -Indore (M.P.) Total Land Area –11980.85 sqm, Total Net Planing Area –6306.48 sqm), Total Built-up Area – 48171.02 sqm).

The case was presented by the PP and their consultant and PP was asked to submit response on following:

1. During presentation it was observed that as per the Google image of August, 2015, an old building is in existence at the site. PP informed that it was an old bungalow which is now demolished and they have been handed over clear plot by IDA, Indore and no building is in existing on the site at present. The committee after deliberations decided to carryout site visit for verification of facts.
2. Being a high rise building, permission of competent authority be submitted.
3. Scheme of plantation be submitted on a layout map.
4. Revised parking details leaving adequate space for fire tenders movement.
5. Revised water demand calculations with proposal of adequate STP.
6. Revised waste water disposal plan considering recycling of treated waste water through dual plumbing.
7. Only one DG set is proposed. PP should explore the possibility of providing a standby DG set for uninterrupted power supply for STP and other utilities such as fire pumps etc.
8. A clarification regarding provision of CFL or LED in the common areas.

[A. A. Mishra]
Member Secretary

[K.P. Nyati]
Vice Chairperson