The 283rd meeting of the State Expert Appraisal Committee (SEAC) was held on 27th October, 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. Shri Rameshwar Maheshwari, Member
4. 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. - 5427/2015 Shri Udaya Bhaskar Gullapalli, Sr. Vice President, M/s Reliance Industries Ltd, Bldg. No. - 7, B Wing, 2nd Floor, Reliance Corporate Park, Thane Belapur Road, Navi Mumbai Proposed Expansion of Multipurpose Chemical Terminal from 20175 KL to 80080 ***at Khasra No. - Kolukhedi (1555, 319, 1561, 1559, 1440), Bhouri (518, 515, 516, 517,1343,411/1/4 &514, 515, 516, 517, 1343, 411/1/2 & 514, 515, 516, 517, 1343, 411/1/1 & 514, 515, 516, 517, 1343, 411/ 1/3 & 514,507, 510/2, 511/1/1, 6, 509/2, 508, 522/2/2, 510/1, 521/1/1, 509/1 and 508, 522/2/1/2, 508, 507, 522, 511/2/2/1, 510/2), Barkheda Salam (1525, 1524, 1441), Bakania (320, 315, 314, 317, 322, 306, 487, 316, 313), Barkheda (1521, 1530, 1538, 1518, 1529, 1528, 1517, 1527, 1526, 1531, 1523, 1537,1393) Vill. – Bakaniya, P.O. Bhaunri, Teh. - Huzur, Distt.- Bhopal, (M.P.)*** **Cat. - 6(b) Isolated Storage & handling of Hazardous Chemicals. For-ToR.**

The Proposed project is of Multipurpose Chemical Terminal (MCT), Bhopal of Reliance Industries Limited (RIL) falls under **Category B, schedule 6** as per the EIA notification 14th Sep, 2006. 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.

Salient features of the project, proposed TOR and other details of the project were presented before the SEAC by the PP and his consultant, which reveals following:

- The Multipurpose Chemical Terminal (MCT), Bhopal of Reliance Industries Limited (RIL), was set up in year 2004 at Bakania, Huzur Taluka, Dist. Bhopal.
- The existing handling capacity of terminal is 20,175 KL. It also consist of truck loading gantry (8 bays) and railway siding facility.
- Receiving, Storing and Distribution of finished Petroleum Products (Class A

and Class B).

- The Consent to Operate for the facility from MPPCB is valid till March, 2018
- RIL now proposes to increase the capacity of the terminal to 80,080 KL (operating capacity)
- Project: Expansion of Multipurpose Chemical Terminal from 20175 KL to 80080 KL.
- Project Cost: ~112 Crores
- Area: ~10.36 Ha within total plot area of ~80 Ha. No additional land required.
- Power: 33 KV from MPEB
- Back-up: DG Sets 3 x 325 kVA and 1 x 160 kVA for Emergency use
- Water: Purchase from local sources, supplied through tankers

Purpose	**Existing**	**Proposed**	**Remarks**
Fire Fighting Storage Capacity	6800 KL	13000 KL	Used only in emergency. Provision as per OISD 117
Service water & Domestic water req.	4 KL	25 KL	Max. Usage

Product Slate

Product	**Existing Capacity (KL)**	**Proposed Capacity (KL)**	**Total Capacity after Expansion (KL)**
High Speed Diesel (HSD)/ Superior Kerosene Oil (SKO)	14,490	49,485	63,975
Motor Spirit	5,685	10,250	15,935
Ethanol	--	180	180
DG (kVA)	2x160	1,135 (3x325+1x160)	1,135

- Additional dispatch facilities: Eight (8) bay truck loading rack
- Manpower Requirement:
    - ~150 people during construction (local people will be preferred)
    - ~ 5 people during operation on continuous basis

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 TORôs:-

1. Since PP has named this project as ñChemical Storage Unitò, thus PP should submit a written commitment with EIA report that in this facility only petroleum product will be stored.
2. During presentation, PP informed that the environmental studies have been already carried out in the summer, 2016. Thus PP was asked to submit the details justification of selection of sampling points.
3. EIA studies should be carried out considering the proposed master plan of the Bhopal city.
4. Any natural drainage nearby the facility should be protected and the detailed protection plan from any spillage should be discussed in the EIA report.
5. PP should explore the possibility of shifting the proposed expansion facility further away from the existing facility so that a buffer zone can be created between both the facility and nearby bypass road/highway.
6. PP should provide the details of existing trees and plan for proposed green belt.
7. Details of the plans to meet out crises such as fire accident to be furnished & presented in the EIA report.
8. Details of existing on-site / Off-site emergency plan and the proposed modification in view of expansion to be submitted.
9. Details of existing Safe Guards (Environmental as well as safety) and the proposed augmentations to be presented in the report.
10. Study of the ground-water regime shall be incorporated in the EIA study.
11. Pre-dominant wind direction to be ascertained and accordingly the Safety & Environment Management Plans prepared and reported.
12. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

2. Case No. - 5423/2016 Executive Engineer, Water Resources Department, Division - II, Kesli, Distt.- Sagar, (M.P.) – 470235 *Parkul Medium Irrigation Project, River – Parkul (ken Basin), Vill. - Bakshawaha, Teh.- Sagar, Distt. - Sagar, (M.P.)* For-ToR.

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. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

Location Details

Sl.No.	Details	PARKUL PROJECT
1	Latitude	23°36ô13ôô
2	Longitude	78°40ô16ôô
3	State	Madhya Pradesh
4	District	Sagar
6	Block	Jaisinagar
7.	River	Parkul (A tributary of river Bewas which is a tributary of Ken.)
8.	Accessibility	At a distance of 61 Kms from Sagar.

SITE SELECTION CRITERIA FOR PROJECT AREA

PARTICULARS	**REMARKS**
Existing infrastructure	Å Rail Connectively ï Sagar (61Km.) Å NH Accessibility ï Sagar (25 Km.) Å Airport facility ï Sagar (70 Km.)

Resources Availability	Å Waterï From Parkul River Å Cement / Steel ï Sagar (61 Km.) Å Metal ï Bilhera (25 Km.) Å Sand - Narmada (100 Km.) Å Soil for Earthen Dam ï From the Submergence area (2-5 Km) Å Human Resource for Construction Works ï Locally Available
Environmental consideration (within 10 km radius from proposed project site)	Å No National Park/Wild Life Sanctuary/Biosphere Reserve. Å No Eco sensitive zone Å No Critically/ severely polluted areas Å No Interstate boundary

Necessity & Project Benefits

- Å To provide Irrigation facility to 3200 hectares of land in draught prone area of Block Jaisinagar, Distt. Sagar
- Å During summer season, the ground water table lowers down substantially and the region suffers with acute shortage of drinking water.
- Å Creation of reservoir will result in recharge of ground water, improvement in the ecology and will have a great positive impact on the environment of the region.

BRIEF DESCRIPTION OF THE PROJECT

- Å Parkul Medium Irrigation Project is proposed on River Parkul, a tributary of river Bewas, near Bakshwaha village of Block :Jaisinagar,Tehsil:Sagar, District :Sagar located at Latitude 23°36ô13ôô and Longitude 78°40ô16ôô
- Å The Project is envisaged to have a live storage capacity of 20.37 MCM.
- Å Abadi of only one Village ñBakshawahaò is coming under partial submergence, 40 houses/families are affected.
- Å Land compensation & R/R will be provided as per Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act,2013.
- Å Total CCA of the Project is 3200 ha, benefitting 19 villages of Dist. & Tehsil Sagar.

Reservoir Data:

S.No	Particulars	Value
1.	Top of Bund Level,	EL. 551.15 M
2.	MWL ,	EL. 549.15 M
3.	Full Reservoir Level,	EL. 548.65 M
4	Dead Storage Level,	EL. 540.00 M
5	Deepest River Bed Level,	EL. 528.15 M
6.	Top Width of Dam	6.00 M
7.	Height of Dam,	23.00 M
8.	Gross storage	22.77 MCM
9.	Live storage	20.37 MCM
10.	Dead storage	2.40 MCM
11.	Length of main Dam,	1350 M
12	Length of Spillway,	150.00 M
13	No. of spillway gates,	Ungated

Canal Data (By Flow Irrigation)

S No	Particulars	Length
1.	Length of Main Canal	20.88 Kms
2.	Distribution & Minor Network	30.00 Kms

DETAILS OF SUBMERGENCE AREA

Forest Land : 38.98 Ha
Private Land : 221.56 Ha

Government Land	:	125.46 Ha
Total	:	386.00 Ha

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 TORôs:-

1. Since project involves 38.90 ha forest area, FC clearance has to be obtained. PP should indicate the status of FC clearance in EIA report.
2. It should be discussed in the EIA report that if the proposed height of the dam is reduced by one meter how much submergence area and CCA will be reduced.
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. The potential risks and threats associated with the dam when it reaches FTL to the nearby villages should be discussed in the EIA.
9. The submergence is quite high in relation to CCA. Hence, the committee will carry out site visit and may issue additional ToR if necessary.

3. Case No. - 5425/2016 Smt. Indubala W/o Shri Bankatlal Gupta, Sarvajanik Parmarthik Nays, Balaji Fabtech Engineering Pvt. Ltd, 203, Classic Arch, 79, Beema Nagar, Teh. & Dist. Indore, (M.P.) – 462001 ***Wall Street Business Park, Khasra No. 388/2/1, 388/2/2, 388/2/3, Total plot area-16840.00 Sq. Mt. (1.684 Hect.)Built Area for Block A – 13162.43 Sq.mt., Built Area for Block B – 13162.43 Sq.mt., A Block Basement – 5095.78 Sq.mt. (B1 + B2),B Block Basement - 5095.78 Sq.mt. (B1 + B2),*** **Total Built up area – 36516.42 Sq. Mt.,** ***Vill. Chhoti Khajrani, Teh. - Indore, Distt. - Indore (M.P.).*** **For-Building Construction. Env Consultant: In Situ 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 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. Itôs a proposed project for development of

Wall Street Business Park, Khasra No. 388/2/1, 388/2/2, 388/2/3, Total plot area-16840.00 Sq. Mt. (1.684 Hect.)Built Area for Block A – 13162.43 Sq.mt., Built Area for Block B – 13162.43 Sq.mt., A Block Basement – 5095.78 Sq.mt. (B1 + B2),B Block Basement - 5095.78 Sq.mt. (B1 + B2), Total Built up area ï 36516.42 Sq. Mt..

SALIENT FEATURES OF THE PROJECT

Building Height	: 18.0 m. Maximum
ROW	: 24.0 m. Wide Road Proposed.
MOS	: 12/7.5/7.5 M
Total Water Demand	: 155 KLD
Municipal Water Supply	: 88 KLD
STP Capacity	: 133 KLD On 100% Load & 150 KLD Proposed
Solid Waste Generation	: 2.11 TPD
Power Demand	: 950 KVA
Back Up Source	: 630 KVA (D.G. Set ï 1 x 630 KVA)
Railway Station	: Indore Junction Railway Station ï 4.0 Km away.
Air Port	: Indore Airportï 12.5 Km away from site

AREA STATEMENT

KH. NO.	RAKBA	OWNERSHIP
388/2/1	1.684	SMT. INDUBALA W/O SHRI BANKATLAL GUPTA SARVAJANIK PARMARTHIK NYAS TARFE SECRETARY SHRISATISHCHANDRA/O SHRI BANKATLAL GUPTA
388/2/2		
388/2/3		
TOTAL AREA = 1.684 HECT.		

PLOT AREA DESCRIPTION AS PER TNCP:	
TOTAL LAND AREA	16840 Sq. M.
AREA UNDER ROAD	6833 Sq. M.
NET PLANNING AREA	10007.00 Sq. M.
PERM. G. COVERAGE 30%	3002.10 Sq. M.
PERM F.A.R.	1:1
Note: Additional F.A.R. in view of Road widening area will be permissible as per Rule 61 of M.P. Bhumi Vikas Rule 2012.	
BLOCK WISE B/UP AREA :	
BLOCK A	13162.43 Sq.mt.
BLOCK B	13162.43 Sq.mt.
Basement 1	5095.78 Sq.mt.
Basement 2	5095.78 Sq.mt.
Total Built up Area	=36516.42 Sq.mt.

PARKING DETAILS

PARKING SPACE AVAILABILITY	
REQUIRED	
BLOCK A ï B/UP AREA	7960.19 SQ.MT.
CARS REQUIRED AS PER 50 SQ. M. : 160 CARS (7960.19/50)	
BLOCK Bï B/UP AREA	7841.66 SQ.M
CARS REQUIRED AS PER 50 SQ. M. : 157 CARS (7841.66/50)	
TOTAL NO. OF CARS REQUIRED	317 CARS
PROVIDED(AS PER CORPORATION):	
TOTAL CAR PARKING	417 NOS.
OPEN PARKING AREA AS PER 25 SQ.M. - AREA 2150SQ.M.	86 CARS (2150/25)
PARKING AREA AS PER 30 SQ.M. - AREA 1410 SQ.M.	47 CARS (1410/30)
BASEMENT PARKING AREA AS PER 35 SQ.M. - AREA 9940 SQ.M.	284 CARS (9940/35)
TOTAL NO. OF CARS PROVIDED	417 CARS
EXTRA CARS PROVIDED	100 NOS.

LANDSCAPE

Total open area	2108.00 sq.mt.
Total Periphery of the project	422.91 M.
Total Periphery for plantation	322.91 M.
No. of big trees	60 Nos.
No. of Ornamental Plants	70 Nos.

Water Consumption Data - Summary & Treated Waste Water Re-Use		
S. No.	Description	
1	Domestic Water Requirement	88 KLD
2	Flushing Water Requirement	67 KLD
3	Flow to Sewer	133 KLD

4	STP Capacity	133 KLD on 100% Load & 150 KLD Proposed
5	Re-Use of Treated Waste Water From STP KLD	120
S. No.	Description	
1	Flushing Water Requirement	67 KLD
2	Gardening and Landscape (2108 Sqm) @ 6 L/sqm	13 KLD
3	Re-Use of Treated Waste Water From STP	80 KLD
4	Excess water of STP treated water shall be let into drain	40 KLD

The case was presented by the PP and their consultant wherein after deliberations PP was asked to provide volume and management plan for the excavated soil and landscape plan for the proposed plantation. PP vide letter dated 27/10/2016 have submitted that total 41,027 cubic meter soil will be excavated out of which 15,015 cubic meter soil (black cotton) will be preserved for proposed plantation and remaining will be used for the project and road backfilling. PP has also submitted the landscape plan for the proposed plantation. The EMP and other submissions made by PP were 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 88 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 60 no of trees will be planned. 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 and solar panels should be provided on the roofs as proposed by the PP during presentation.
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 labor 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 27/10/2016.

4. Case No. - 5205/15 Ms. Pramila Sharma, CEO/General Manager, J.K.Medical Waste Management System, 208-Vaibhav, F-Block, Surendra Place, Bhopal – 462026 Prior Environment Clearance for "Common Biomedical Waste Treatment Facility" at Godhan village, Chanderi Tehsil, Ashok Nagar district, M.P., Existing area - 1.03 acres (0.418 ha) Env. Consultant : Ramky Enviro Engineers Limited, Hyderabad(A.P.).

The Proposed project is of Common Biomedical Waste Treatment, Storage and Disposal facilities (TSDFs) of falls under **Category B, schedule 7(da)** as per the EIA notification 14th Sep, 2006. 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.

Project Details

Categorization of Project (MoEF Notification S.O. No. 1142(E) dated 17-04-2015 & Subsequent Amendments)	
Project Activity	7(da) -- Bio-Medical Waste Treatment Facilities
Category	Category B
Key Details of the Project	
Project Capacity (Proposed)	0.7 TPD (4000 beds- @0.18 kg/day/bed)

New/Expansion/Modernization	New
Service Area	*Sagar, Chattarpur, Shivpuri, Guna, Ashoknagar,Tikamghar, Bhind, Datiya.*
Land Area	1.03 Acres (0.418 ha)
Project Cost	INR 1 Crore
Baseline Monitoring Period	April 2016 ï June 2016
Employment	
Full Time Employees	28
Contract Employees	The labours and workers will be hired from nearby villages in construction phase.
Location Details	
Location	Godhan Village, Chanderi Tehsil, Ashok Nagar district, Madhya Pradesh
Plot No.	55/5x, 2
Coordinates	24° 49ô28.85ò N, 78° 08ô01.49ò E
SOI Topo Map No.	G44S1 & G44S2
Nearest Railway Station	Dailwara Railway station- 25 km South-East.
Nearest Airport	Jhansi Airport (85 km) North-East.
Nearest Town	Chanderi (approx. 13 km), South.

Proposed Infrastructure

The following components are proposed to be utilized for efficient processing of **0.7**

TPD of Biomedical waste generated:

- Administration Building
- Staff Locker and wash room
- Vehicle Washing bay
- Effluent Treatment Plant
- Incinerator and Incineration shed
- Sterilization room
- Store room
- Workshop
- Security office
- Transformer
- DG set

Proposed Equipment

S.No	Equipment	Installed Capacity	Number
1	Incinerator	100kg/hr	1
2	Autoclave	430 liters/batch	1
3	Shredder	50 kg	1
4	Effluent Treatment Plant	2.5 KLD	1

Disposal of Waste

S.No	Waste Category	Suggested Disposal Options
1	Plastic wastes after disinfection and shredding	Sale to plastic waste recycler permitted by the SPCB/PCCs for recycling or municipal sanitary landfill.
2	Disinfected Sharps	sent to recycling
3	Incineration Ash	TSDF/ Landfill

4	Treated waste water	Sewer/ drain or recycling/reuse

The case was discussed in the 278th SEAC meeting dated 14/06/2016 wherein the salient features of the project and proposed TOR were presented by the PP and his consultant wherein after presentation committee decided to issue standard TOR prescribed by the MoEF&CC with following additional TORôs:

1. How the various waste streams will be segregated and precautions proposed for the health of workers should be discussed in the EIA.
2. How the autoclaved materials will be disposed off in environmentally sound manner.
3. How the CPCB guidelines will be complied in respect of proposed incinerator and compliance to BMW rules, 2016.

The EIA was submitted by PP vide letter dated 06/10/2016 which was forwarded by the SEIAA vide letter no. 3938 dated 07/10/2016.

The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Venturi scrubber (alkaline) should be provided with the incinerator with stack of adequate height (minimum 30 meters) to control particulate emission within 50mg/Nm3. Continuous Online Stack Monitoring System should be installed and data connectivity must be provided to the MPPCBôs server.
2. All necessary air pollution control devises (quenching, Venturi scrubber, mist eliminator) should be provided for compliance of emission standards.
3. Masking agents should be used for odour control.
4. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by MPPCB.
5. Feeding of materials/Bio-medical waste should be mechanized and automatic. No manual feeding is permitted.
6. As proposed, no effluent from facility shall be discharged outside the plant premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCBôs server for remote

operations.

7. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be provided.
8. As proposed, green belt over 1407.23 sq. meter of the project area shall be developed within plant premises with wide green belt on all sides along the periphery of the project area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
9. All the commitments made in the Public Hearing shall be implemented by PP and adequate budget provision shall be made accordingly.
10. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
11. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
12. All recommendations mentioned in the EMP shall be binding for the project authorities.
13. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
14. Operator and Facility should comply with the various provisions of Bio-Medical Waste Management Rules, 2016.
15. 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.

5. 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.,***

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. Itôs a proposed residential & commercial project located at Khasra No. 7/1, Part of Div Plot No. ï 15/1, Ward No. ï 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 in the 280th SEAC meeting dated 31/08/2016 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. 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 it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Today 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. Earlier PP was also absent in the 280th SEAC meeting wherein it was recorded that ñCommittee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the projectò. Committee after deliberations 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 assuming that PP is not interested to continue with the project.

6. 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 15th 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 - Revised –1,43,602.78 sqm).*** **Cat. - 8(a)** ***Building Construction Project,*** **Env. Cons. – Greencindia Consulting Pvt. 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 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. Itôs a proposed "Multi-Storey Residential Complexò for Police Personnel" at 15th Battalion, Khasra No. ï 128, 135, 136, Village ï 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.

Introduction

Project	Construction of Multi-Storey Residential Complex for Police Personnel at 15th Battalion, Indore		
Population	**9,210**		
Water Requirement	**Construction Phase**	**Operation Phase**	
	228.3 KLD	769.8 KLD & 123.9 KLD for Fire Fighting	
Source	Private Tanker	Municipal Authority	
Waste water Generation	600.5 KLD		
STP Capacity & Technology	720.6 KLD, Based on MBBR Technology		
Power Requirements & Source	**Parameters**	**Construction Phase**	**Operation Phase**
	Power requirement	400 kVA	8750 kVA
	Source	MP State Electricity Board	MP State Electricity Board
	Back-up power supply	Back-up of 400 kVA will be provided by 2 no of DG sets of 200 KVA each	Power back-up for common area and emergency services will be provided by 4 no. DG sets (4*650 = 2600 kVA)
Total Solid Waste Generation	**Construction Phase**		**Operation Phase**
	90.0 kg/day		3809.3 kg/day
Fire NOC	Fire NOC has been applied for.		

- Project site is well connected by SH-27
- Site abutting 30m wide road in the East and 30m wide road on North.
- Nearest railway station is Lakshmibai Nagar which is 1.4 km in NNE direction and 4.1 km from Devi Ahilya Bai Holkar International Airport (WNW).
-

Sensitive Receptor	Distance in km	Direction
Machla RF	12.7	S
Ralamandal RF	11.7	SE
Renuka PF	14.0	SE
Saraswati River	1.6	ESE
Gambira River	12.2	W
Bilavali Lake	8.2	SSE

Area Statement

DESCRIPTION	NO OF TOWERS	HEIGHT OF BUILDING (m)	NO. OF FLOORS	TOTAL NO OF UNITS	FAR AREA PER BLOCK (m^2)	TOTAL FAR AREA	NON FAR (m^2)	BUILT-UP AREA (m^2)	POPULATION @ 5PERSON/DU
Constable Block	10	45	G+14	1180	6,925.5	69,255	26,740	95,995	5,900
Non Gazette Officer Block (NGO)	4	45	G+14	472	8,689.39	34,757.56	11,150.28	45,908.36	2,360
Community Centre			G+4	1		1078.4	621.0	1,699.4	
Services	-	-			-				
Grand Total	**14**	**-**		**1,653**	**15,614.9**	**10,5091**	**38,511.3**	**1,43,603**	**8,260**

Built up Area Statement

Sl. No	Aspects	Percentage	Built-up Area m^2
A	**FAR**		

	Permissible FAR	2.00	1,24,460.06
	Proposed FAR	1.69	1,05,090.69
A-1	Constable Residential Complex(Block B: B1 to B10)		69,254.20
A-2	Non Gazetted Officer Residential Complex (Blocks A: A1 to A4))		34,758.08
A-3	Community Center		1,078.41
	Total		**1,05,090.69**
B	**Non FAR**		
B-1	Residential Complex (Constable & NGO Blocks)		
(i)	Balcony Area		7,384.44
(ii)	Terrace (Mumty & Machine Room)		894.46
(iv)	Area under Services		1,664.48
(v)	Area under Fire Escape Staircase		9,081.60
(vi)	Area Under Lift lobby		5,051.40
(vii)	Area under Circulation		13,400.10
(viii)	Stilt Floor Area		414.60
	Total		37,891.08
B-2	**Community Center**		**621.01**
	Total Built-up Area (FAR + Non FAR)		**1,43,602.78**

Population Details

Description	**Rate**	**Unit**	**Total Units**	**Population**
Constable Block	@ 5pph	no.	1,180	5,900
Non Gazetted Officer Block	@ 5pph	no.	472	2,360
Visitors	10 % of Total Population	no.	826	826
Service Staff	1person/1000 m^2	m^2	1,24,460	124
Total Population				9,210

The case was scheduled for presentation in the 281st SEAC meeting dated

01/09/2016 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 and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In the mean time, PP vide their letter dated 30.08.2016 which was also forwarded by the SEIAA vide letter no. 3714/SEIAA/16 dated 20/09/2016 informed that due to changes in the layout plan, the built up area has been reduced from 1,70,059.26 sq. meter to 1,43,602.78 sq. meter and the project category also has been changed from 8(b) to 8(a) and they will be submitting amendments to the projects. PP vide their letter dated 17/10/2016 has submitted the revised documents for change in area from 1,70,059 sq. meter to 1,43,602.78 sq. meter and the project category from 8(b) to 8(a), which were forwarded by SEIAA to SEAC for appraisal.

The case was presented by the PP and their consultant wherein during presentation it was observed that some old pota cabins (barracks) are existing on site for which PP submitted that they will be dismantled during the construction. After presentation and deliberations, PP was asked to provide commitment that one car parking will be provided per dwelling unit and tree species with their numbers. PP vide letter no. Q2/PE/MPPHC/Indore/2016-17 dated 27/10/2016 have submitted confirmation that one car parking per dwelling unit will be provided and proposed 600 trees for plantation with their species name. The EMP and other submissions made by PP were 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 549.91 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 600 no. of trees will be planned. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
4. PP should also explore the possibility of providing phyto-remediation based treatment system for pre-treatment of waste water as sufficient land is available in the project.
5. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.

6. Power back-up for un-interrupted operations of STP shall be ensured.
7. CFL/LED should be preferred over of tube lights and solar panels should be provided on the roofs as proposed by the PP during presentation.
8. Fund should be exclusively earmarked for the implementation of EMP.
9. MSW storage area should have 48 hours storage capacity.
10. Dual plumbing should be provided.
11. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
12. Provisions shall be made for the housing of construction labor 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.
13. PP will obtain other necessary clearances/NOC from respective authorities.
14. PP will comply with all the commitments made by the letter no. Q2/PE/MPPHC/Indore/2016-17 dated 27/10/2016.
15. PP will explore the possibility of providing more parking in the ground floor instead to open parking to leave open space for play ground / landscape.

7. Case No. – 3120/2015 Mr. Sanjeev Agarwal CMD Sagar Plaza, 250, zone 2 M.P Nagar Bhopal M.P. - 462016*Prior E.C for approval of proposed Construction of Group housing Project "Sagar Eden Garden" at Khasra No.-447, 449/1, 447, 449/2, 447, 449/3, 449/1/1 Vill.-Bawadiya Kalan, Teh.-Huzur, District-Bhopal (M.P.) Total Project Area-10687.51 sq.m. Total Build up Area-22850 sq.m.* For-Building Construction. Env Consultant: Development Assistance System Pvt. Ltd, Lucknow(U.P.).

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 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.

Site Specific details

Particulars	Details
Location	Construction of proposed Group Housing Project **"Sagar Eden Garden"** at Khasra No. 447, 449/1, 447,449/2, 447,449/3, 449/1/1 at Village-Bawadiya kalan, Tehsil- Huzur, District- Bhopal, Madhya

	Pradesh, India
Type of Project	Building and large construction project
Category	B, Type- 8(a)
Elevation (m)	466 m above mean sea level
Latitude and Longitude (mentioned in Fig 4)	Point 1 - 23°10'35.80"N; 77°27'45.17"E Point 2 - 23°10'34.91"N; 77°27'44.05"E Point 3 - 23°10'34.51"N ; 77°27'42.84"E Point 4 - 23°10'33.43"N; 77°27'43.69"E Point 5 - 23°10'33.96"N ; 77°27'44.71"E Point 6 - 23°10'32.64"N ; 77°27'46.39"E Point 7 - 23°10'33.84"N ; 77°27'48.87"E
Current status of land	Residential Landuse as per BDA Master Plan, 2005
Type of facilities	Housing with basic amenities
Nearest Highway	Bhojpur road (NH-12) (E) Bhopal Bypass road (E)
Nearest railway station	Misrod Railway is 1 km (SE) Habibganj Railway Station is 5 km (NE)
Nearest airport	Raja Bhoj International Airport, Bhopal ï 21 km (NW)
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Van Vihar National Park is 10 km (NW)
Rivers/Lakes	Kaliasot River ï 2.5 Km (W), Shahpura lake ï 5.0 km (NW)
Seismic zone	Seismic Zone-II as per BIS 2002 map.
Defense installations	---

Area Statement

S. No	Items	Details
1.	**Type of Building**	**Residential**
2.	Total Land Area	10,687.51 sq mt
3.	Area Under 24 m wide road widening	1,389.48 sq mt
4.	Net Planning Area	9,298.03 sq mt
5	**Ground Coverage**	Permissible: 2,789.41 sq mt (30%)

		Proposed: 2,789 sq mt (30%)
6.	**FAR**	**Permissible: 15,096.23 sqm** (Permissible FAR for Housing = 1.25 x 9,298.03 = 11,622.53 sqm (A) Additional FAR of area under road widening (As per Rule 61 of MPBVN-2012) = 1.25 x 1,389.48 x 2 = 3,473.70 sqm (B) Total (A + B) = 15,096.23 sqm) **Proposed: 15,095 sqm**
7.	Total Basement area	**Total basement area – 3,787.33 sqmt**
8.	Total Stilt area	2,789.49 sqm
9.	Area open for services	92.90 sqm
10.	Informal sector	1,085 sqm
11.	**Built up area (as per MoEF)**	**22,850 sq mt** (15,095 sqm FAR + 2,789.49 sqm stilt area +3,787.33 sqm basement area + 1,085 sqm builtup area of informal sector +92.90 sqm service area)
12.	Total open area	6,508.53 sq mt
13.	Internal roads and Paved area	5,578.7sqm
14.	Green Area	Proposed: 929.8 sq mt (10% of plot area)
15.	No. of Trees (Required-1 Tree/100 sqm of open area)	Required: 65 Trees Proposed: 100 Trees
16.	Number of floors	S+6 floors
17.	Parking facilities	**Required Parking: 166 vehicle space** **Provided Parking: 203 vehicle space**
18.	Power requirement & source	750 kVA Source : Madhya Pradesh KshetraVidyutVitran Company Limited
19.	**Power Backup**	1 DG set of 125 kVA
20.	**Water Requirement and Source**	**Fresh Water Demand : 103 KLD** **Recycled Water: 72 KLD** **Total Water Demand : 175 KLD** **Source:** Municipal supply
21.	**Total Dwelling Units**	Residential: 192 LIG/EWS ï 33
22.	**Estimated Population (fixed**	Residential ï 960 (@5 person per unit)

	+ floating)	LIG- 165(@5 person per unit) Visitors ï 110 Staff-55
23.	**Height of the Building**	Basement + Stilt + 6 floors (21m approx)

This is a residential project comprising building construction for with Total Project Area-10687.51 sq.m. and Total Build up Area-22850 sq.m. The project is proposed Khasra No. ï 447, 449/1, 447, 449/2, 447, 449/3, 449/1/1 Vill.-Bawadiya Kalan, Teh.-Huzur, District-Bhopal (M.P.) 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 discussed in the 269th SEAC meeting dated 29/02/2016 wherein it was recorded that a submission/violation resolution from PP has been received stating that construction activities have already been initiated at site. Thus it is a clear case of violation. SEIAA has forwarded the case with documents pertaining to credible action initiated against the PP for violation. It was decided to visit the site before appraisal of the case, as the same has been directed by SEIAA for violation cases as per their policy decision in 204th meeting dated 30/05/2015.

As decided, Shri K. P. Nyati, Member SEAC and Dr. Mohini Saxena, Member SEAC visited the site on 10/06/2016. During inspection, Dr. Abhaya k. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal was also present along with the PP Mr. Neeraj kamboj 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 of the team that the total land area of the project is 10,687.5 and the proposed built up area of the project is 22,850 Sq.m.

- The Project consists of multi story group housing with all the basic amenities. The construction work for the project is already initiated and approximately 95% civil work has already been completed. No possession has been given in any of the flats. No construction activates were observed during site visit.

- Two entry/exit are proposed present in the project site however, at present one entry/exit is provided. Main entry exits are through 24 m wide road and internal circulation roads are of 12 m, 7.5 m and 6 m wide. All internal roads have been constructed.

- As per the information provided PP, drainage pattern of the project is south east of the project site which is towards the back side of the project where STP is provided by the PP.

- For conflict free traffic and fire tender movement, arterial roads of 12 m, 6 m and 6 m are provided / proposed in the project. Circular roadway has been provided along the periphery of the project for movement of fire tenders. As per details provided by PP, Fire fighting equipments, such as wet risers and hose reels are proposed at site. Dedicated fire storage tanks of suitable capacity will be provided on the rooftop of the multistory buildings.

- As per the information provided by the PP during the site visit, water supply for residents will be ensured @ 135 lpcd. The water requirement for the residents will be sourced through the municipal supply for which necessary permission has been obtained by the PP. For treatment and recycling of treated water on site STP of capacity 180 KLD is proposed and it was observed that the underground tanks has been constructed and some machineries are also installed by the PP. Dual plumbing system has been provided for recycling of treated waste water in one of the constructed blocks and the same is proposed in the remaining blocks as informed by the PP.

- Area for construction of a 48 hours MSW collection space has already been demarcated near the STP area.

- As per the information provided by PP, 05 Nos. of Rain Water Harvesting structures are proposed for the harvesting of roof top runoff water. PP instructed to make arrangements for the flushing of first rain water to ensure that only clean water enters the recharge system.

- As details provided by PP 929.80 Sq.m of area is dedicated for the landscaping purposes. PP has provided peripheral plantation.

- PP was also instructed to install energy saving appliances such as LED, CFL lightings in common areas with solar lights.

The above report of the sub-committee was placed before the committee wherein after deliberations committee endorsed the inspection report and decided that the PP may be called for presentation for appraisal by the committee in the up-coming meetings of SEAC.

As per the above decision, the case was scheduled for the presentation 279th SEAC

meeting dated 02/07/2016 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. A request has to be made by the PP for scheduling the case in coming meetings within a monthôs time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Today 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 giving last chance and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. **Case No. - 4897/2015 Shri Deepak Kantilal Shah, Director, M/s SAP Finechem Pvt. Ltd., Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Tehsil - Meghnagar, District - Jhabua (M.P.)-457779** ***Prior Environment Clearance for proposed Manufacturing of Dyes & Intermediates, Production Capacity- 300 MTPM, Area- 5000 sq.mt., at Plot no.- 174, AKVN, Industrial Growth Centre, Meghnagar, Taluka-Meghnagar, District-Jhabua (MP)***

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. PP and his consultant presented the salient features of the project before the committee in the meeting.

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. *174*, AKVN Industrial Area, Meghnagar area of Jhabua district in Madhya Pradesh State. The industry was commissioned in the year 2011 and commercial production was commenced in the same year for $FeSO_4$, $MgSO_4$, $MnSO_4$ and gypsum by-product, however the consent to operate was obtained in February 2014 (please refer documents submitted with application and Form 1).

As discussed in the 271st SEAC meeting dated 02/03/2016,the below mentioned site inspection report of the above unit was discussed in the 277th SEAC meeting dated 31/05/2016:

BACKGROUND

The case was presented by the PP and their consultant in the 271st SEAC meeting dated 02/03/2016 wherein committee recommended for issuance for TOR with some additional TORõs. 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 the. 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, oic SEAC secretariat / Sr. Scientific Officer, MP Pollution Control Board, Bhopal. Mr. Deepak Shah representing M/s SAP Finechem Pvt. Ltd., was also present during the inspection. **(Site inspection report is annexed as Annexure-3)**

The unit is proposed for manufacturing of synthetic organic chemicals (dyes & dye intermediate) with proposed production capacity of 300 MTPM at Plot No. ï 174, AKVN, Ind. Area - Meghnagar, Tehsil - Meghnagar, District- Jhabua (MP). The allotted area of land for this proposed unit is 5000 sq.mt.

It is an old chemical industry said to be non operational for quite some time. The unit seems to be in bad condition and haphazardly maintained, some of the civil structures and installations are in dilapidated condition.

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 14th of Aprilõ2016of the project are as follows;

- It is an old chemical industry said to be non operational for quite some time. The unit seems to be in bad conditions and haphazardly maintained **(Figures 1 – 6)**. Some of the civil structures and installations are in dilapidated condition. This fact was not highlighted during the presentation by PP in 271st meeting of SEAC held on 2nd March, 2016.
- The industry was commissioned in the year 2011 and commercial production was commenced in the same year for $FeSO_4$, $MgSO_4$, $MnSO_4$ and gypsum by-product, however the consent to operate was obtained in February 2014.
- Owing to almost complete coverage of the project site with structures and installations there is hardly any scope of addition without demolition/ decommissioning. PP has not been able to explain / present the refurbishing plan using existing facility as such or with modification or replacements with new

facilities. This should have been part of DPR based on which ToR for EIA was sought.

- There is mismatch in layout of the plan shown by PP during site visit and the actual construction already done at the site. This is evident by
    - Presence of a big gate at the back side of unit opening on another road and adjacent to low lying open land. **(Figures 7 – 9)**
    - Green belt area is shown to be about 25% of the plot area (1250 sq.m. out of 5000 sq.m.). But there is neither any existing plantation nor any scope for plantation. **(Figures 10 – 12)**
    - About 20% land i.e. 1000 sq.m. out of 5000 sq.m., is shown for road but there is any uncovered space except at the front entry gate **(Figures 10 – 12)**
- Large quantity of hazardous wastes was haphazardly stored in the plant premises in open area / under a shade and in drums of earlier productions (as told by PP). PP was not able to present documented account of quantity and quality of hazardous wastes in the premises. **(Figures 13 - 16)**
- Haphazardly spread scrap machinery and materials was also observed in the premises. **(Figures 10 – 12, 17, 18)**
- PP was also not certain if there is any residual waste material still lying in the existing vessels/reactors.

MAJOR SHORTCOMING

- Though it is an old factory but there is virtually no plantation in the factory premises/project site. The old construction/installations do not leave scope for peripheral plantation on the site. The only open area is available for plantation is near the entry gate but is said to be for parking / loading and unloading.
- In spite of being old industry, there is, practically, no provision for storm water drainage. The rain water is likely to be accumulated at the adjacent open land, which is more 1.0 m below the level of project site, leading to the possibility of percolation of hazardous substances to the soil and ground water.
- The open inter tank transfer is warranted to ensure transparency but there are only close pipeline network within the old constructed unit.
- The layout of the plant / land use break up is also not very clear. In addition to main gate there is a gate at the back side too which is not in the layout map shown by PP at the site.
- There appears to be a mini unit almost independent to main unit operated from the unauthorized gate, which is not shown on layout, at the back side.
- 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 / installation 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:

a. The list of equipment and machineries with year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
b. The product-wise monthly production details from the first date of consent to operate obtained and till date vis-à-vis the consented capacity of M. P. Pollution Control Board.
c. The product-wise monthly consumption of raw materials from the first date of consent to operate obtained and till date.
d. Copies of consent and authorization under HW (M, H & TBM) Rules, 2008 issued by the M. P. Pollution Control Board.
e. Details/components of Effluent Treatment Plants installed for the treatment of waste water for earlier products.
f. Any dismantling activities taken up in the recent past and if yes, how these equipments and other debris are dismantled and disposed off.
g. Details of hazardous wastes with their respective quantities generated from the first date of consent to operate obtained and till date with their mode of disposal with documentary evidences.
h. Details of hazardous wastes with their quantity stored in the premises at present with their proposed mode of disposal.
i. Proposal of PP for rainstorm water management.
j. Green belt development plan.
k. Soil testing report of the premises as Hazardous waste was disposed off in the premises.
l. As it is an existing unit, PP should provide details about the modifications required in the existing setup for the proposed products.
m. Details of any notices/directions issued by the M. P. Pollution Control Board or any other Govt. Department during last three years and their compliance statement.

Committee also decided that Regional Officer, M. P. Pollution Control Board, Dhar may also be asked to provide details of any notices/directions issued to the company (if any).

PPôs response on above points has not been received till the date.

RECOMMENDATIONS

The PP may be called for presentation addressing the issued enumerated above under

the heading observation, shortcoming and response on information sought during site visit (Point No. a. to m. above), as most the issues should be part of DPR which is, in principle, prerequisite of ToR.

The above report of the sub-committee was placed before the committee wherein after deliberations committee decided that:

(A) Copy of this report may be sent to MS, MPPCB for early and safe disposal of hazardous wastes lying in the premises of this unit.

(B) 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 year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
b. The product-wise monthly production details from the first date of consent to operate obtained and till date vis-à-vis the consented capacity of M. P. Pollution Control Board.
c. The product-wise monthly consumption of raw materials from the first date of consent to operate obtained and till date.
d. Copies of consent and authorization under HW (M, H & TBM) Rules, 2008 issued by the M. P. Pollution Control Board.
e. Details/components of Effluent Treatment Plants installed for the treatment of waste water for earlier products.
f. Any dismantling activities taken up in the recent past and if yes, how these equipments and other debris are dismantled and disposed off.
g. Details of hazardous wastes with their respective quantities generated from the first date of consent to operate obtained and till date with their mode of disposal with documentary evidences.
h. Details of hazardous wastes with their quantity stored in the premises at present with their proposed mode of disposal.
i. Proposal of PP for rainstorm water management.
j. Green belt development plan.
k. Soil testing report of the premises as Hazardous waste was disposed off in the premises.
l. As it is an existing unit, PP should provide details about the modifications required in the existing setup for the proposed products.
m. Details of any notices/directions issued by the M. P. Pollution Control Board or any other Govt. Department during last three years and their compliance statement.

On receipt of the information as above from the PP, the PP may be called for presentation. In case the PP fails to submit the said information within the given time limit, the TOR approved in the 270th SEAC meeting dated 01/03/2016 may be considered for withdrawal.

This case was discussed in 277th meeting of the SEAC held on 31st May, 2016 wherein it was decided that PP may be asked to submit information sought by the sub-committee within 30 days. On receipt of the information, the PP may be called for presentation. In case the PP fails to submit the said information within the given time limit, the TOR approved in the 270th SEAC meeting dated 01/03/2016 may be considered for withdrawal. Thus technically, the case is still in ToR stage because it was decided in the 271st SEAC meeting dated 02/03/2016 that additional TOR will be issued after the site visit.

Since PP has not submitted the information sought by the SEAC within stipulated time, i.e, 30 days and even till date, the committee, after deliberations, decided to withdraw the ToR issued in 271st SEAC meeting dated 02/03/2016 and recommends the case for delisting**.**

9. **Case No. - 5439/2016 M/s Wonder Cement Ltd, R.K.Nagar, Nimbahera, Chittorgarh, Rajasthan *Clinker Grinding Unit (2 x 2 MTPA) of Wonder Cement Limited, Industrial Project -1, Kherwas Industrial Area at Plot No. – 75, 77, Vill. Kherwas, Teh. Badnawar, Distt. Dhar, (M.P.) Cat. – 3(b) Project.For – ToR* Env. Cons. – CES, Bhopal (M.P.)**

This is a case of grinding unit for production of cement. The project is covered as item 3(B) in the schedule of EIA notification as standalone grinding unit and hence requires prior EC from SEIAA before commencement of any 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 project is proposed in the at Industiral area ï Kherwas, teshil Badnawar Dist Dhar (MP). The land for the project has been allotted by AKVN. The application pertaining to EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee. The presentation and the submissions made by the PP reveals following:

Salient feature of the project

S. No.	Particulars	Details
1	Project	2X2.0 MTPA Cement Grinding Units Phase – I – 2.0 MTPA Phase – II – 2.0 MTPA
2	Total Power requirement for process	14 MW for Phase – I, 12 MW for Phase - II
3	Total Land available	28.50 Hact
4	Raw material required	Clinker, Fly Ash and Gypsum
5	Source of Power	Madhya Pradesh State Electricity Board (MPSEB).
6	Water Requirement	Phase – I – 300KLD Phase – II – 250 KLD
7	Source of Raw water	Ground water / Rainwater Harvesting
8	Major Plants / Equipment	Cement Grinding & Packing Unit
9	Capacity of Cement Mill	265 TPH X 2
10	Pollution control equipment	Bag Filters & Water Sprinklers
11	Level of particulate Matter after APCE	Less than 50 mg /NM3
12	Cost of project	Phase – I – 400 Crore Phase – II – 350 Crore
12	Cost of Pollution Control Equipments	Approx 7 Crores for each phase
13	Number of employment generation	150 persons
14	Fund for CSR activities	As per guidelines

Land use break-up

S. No.	**Section**	**Area (m^2)** (for both phases)
1	Plant machineries	55000

2	Material storage	20000
3	Roads	35000
4	Offices	2000
5	Utility buildings	9000
6	Future expansion	25000
7	Truck Parking	44000
8	Green Belt	95,000
	Total	**2,85,000**

Environment setting

Particulars	Details
Locations	
A. Village	Kherwas Industrial area
B. Tehsil	Badnawar
C. District	Dhar
D. State	Madhya Pradesh
Toposheet No.	46 M/8
Latitude Longitude	23° 03'11.35" N 75° 15'14.35" E
General ground level	503-506m above MSL
Nearest National/ State Highway	NH-79 – 1.15km - SW
Nearest Railway Station	Sunderabad – 10.75km
Nearest Airport	Indore- 67km
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10km radius

Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
Reserved / Protected Forest within 10km radius	None within 10km radius
Nearest major city <50000 population	Badnawar – 3.75km – SSW
Nearest Town / City within 10km radius	Badnawar – 3.75km – SSW
Surrounding village within 1 km area of the project.	Kherwas– 0.25km - NE
Nearest village	Kherwas– 0.25km - NE
Nearest River	Bageri River–7.50 km– SW
Nearest Hill Ranges	None within 10 km radius

Raw material requirement

S. No.	Particulars	Quantity in TPA		Source	Mode of Transportation
		Phase -I	Phase -II		
1	Clinker	1.3	1.3	Existing cement plant in Nimbahera, Dist. Chittorgarh, Rajasthan & purchase from any other soutce which is economical	Rail/Road
2	Fly Ash	0.6	0.6	MPPGENCO, Mundi , Khandawa (M.P.)	Road
3	Mineral Gypsum	0.075	0.075	RSMML ,Nagaur/ Bikaner : 900-1000 KM	Rail/Road
4	Chemical Gypsum	0.025	0.025	Valsad,Vapi & other nearby plants: 250-450 KM	Rail/Road

S.N	Material	No. of days for storage	Capacity (Tons)	Type of Storage
1.	Clinker	6	25000	RCC Silo
2.	Gypsum	20	6000	Covered Storage
3.	Cement	2.5	2x7500	RCC Silo

4.	Fly ash	1.5	3000	RCC Silo

Water Balance

Water Balance for the Proposed Grinding unit Phase – I & Phase- II			
Sr No		**Water Consumption (m^3 /day)**	**Waste water Generation (m^3 /day)**
1	Cooling Tower	80	4
2	Mill water spray	260	Nil
3	P&V system + road spray + laboratory + washing	120	40
4	Domestic	35	30
5	Green belt	55	
	Total	**550**	**73**

Base line data

It was reported by the PP that baseline data of the region has already been started from October, 2016.

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 TORûs:-

1. NOC from Gram Sabah should be obtained and annexed with the EIA report.
2. Ambient Air Quality Monitoring Stations should be located in all the villages which are within 01 kms radius of the project site and incremental GLC should be predicted in all such villages.
3. APC systems should be designed for maximum 30 milligrams particulate emissions.
4. In EIA study the mode of transportation of fly ash, raw materials and products should be discussed along with their impacts.
5. Hydro geological studies should be carryout and reported in the EIA report.
6. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

7. Management plan for conservation and sustainable utilization of water body falling within the proposed project area.

10. <u>Case No. - 3059/2015 Shri H.S. Bhatia, Director, M/s Agrawal Distilleries (P) Limited, 104, Shikhar Residency, Opposite Hotel Fortune Land Mark, Vijay Nagar, Indore (M.P.)-452010 *Prior Environment Clearance for approval of proposed 40 KLPD Grain Based Distillery for production of RS/ENA & 1.5 MW Co-generation power plant at patwari halka no. - 43, Khasra No. - 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.) Total Project Area- 71.6 Acres.* ToR Recommended in 204 SEAC Meeting dt. 04/07/15, Letter issued vide letter No. 977 dt. 20/07/15. For- EIA Presentation. Env. Consultant- Creative Enviro Services, Bhopal (M.P.)</u>

This is a case of Distillery unit based on grain. The project is covered as item 5(g) in the schedule of EIA notification as Grain based distillery and hence requires prior EC from SEIAA before commencement of any 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.

This is a case of grain based distillery comprising production of 40 KLPD RS and ENA including Co-generation of power generation of 1.5 MW. The unit is proposed *patwari halka no. - 43, Khasra No.- 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.)*.

Project at a Glance

Site Address	Khasara No. 15 at Village- Sabalpur, Katkut Road, Tehsil – Barwah and Dist Khagone (MP)
Khasara number of adjacent land	2/1, 2/2, 2/3, 2/4, 12/1/1, 12/1/2, 12/1/3, 12/1/7, 17, 10, 1 12/1/4 to 12/1/612/2, 15, 20/1, 20/2, 20/3, 21/1, 21/2/21/3.
Production Capacity	Grain base distillery of 40 KLD alongwith 1.5 MW Power Plant
Cost of Project	70 Crore
Grain Requirement	105 TPD
Boiler capacity at MCR (100% Load)	16 TPH
Fuel	51 TPD as Coal and 65 TPD as husk
Net fresh Water Requirement	452 KLD

Power Requirement	1300 KW
Capital Cost for Environmental measures (proposed)	714.65Lacs
Recurring cost for environmental monitoring and measures etc (Proposed)	23.37 Lacs
Proposed area for plantation	21 acres inclusive of existing plantation at adjacent premises.
Existing area of plantation	10.5 acres
Alternative Source of Power	DG set of 500 KVA
Total land in possession	71.6 acres
Land acquired for new unit	3.214 ha
Land required for plant and building	11000 sqm
Direct employment generation	200-250

Land use break-up

Land Use Break-up For Proposed Unit	
Particulars	**Total Area (Sq. mt.)**
Proposed plant & machineries	11000
Paved area and parking	7223.57
Green belt	10700
Open Land	3216.43
Total Land	**32140**

Environment setting

S. No.	Particulars	Details
1.	Locations	

	A. Village	Sabalpur
	B. Tehsil	Barwaha
	C. District	Khargone
	D. State	Madhya Pradesh
	Toposheet No.	46N/15, 16 & 55B/3, 4
2.	Co-ordinate	1. 22°18'16.12"N - 76°1'50.55"E 2. 22°18'21.79"N - 76°1'49.15"E 3. 22°18'21.12"N -76° 1'53.14"E 4. 22°18'20.65"N - 76° 1'53.11"E 5. 22°18'18.93"N - 76° 1'55.75"E 6. 22°18'15.76"N - 76° 1'55.61"E
3.	General ground level	213-210m above MSL
4.	Nearest National/ State Highway	Indore- Khandwa SH-27 – 2.50km - SW
5.	Nearest Railway Station	Barwaha – 5.50km - SW
6.	Nearest Airport	Indore- 50km
7.	Nearest Tourist Place	None within 10km radius
8.	Places of Archaeological Important	None within 10km radius
9.	Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
10.	Reserved / Protected Forest within 10km radius	Jagatpura RF - 0.9km - NW Main Vindhya RF - 0.25km - ESE Chichilay RF - 4.25 km - NW
11.	Nearest major city <50000 population	None
12.	Nearest Town / City within 10km radius	Barwah
13.	Other Industry within 10km radius	1. Barwah Industrial area – 2.50km – SSW 2. Associated Alcohols & Breweries Ltd, Khodi – 4.0km - W
14.	Surrounding village within 1 km area of the project.	Jagatpura – 0.4km - N

15.	Nearest village	Jagatpura – 0.4km - N
16.	Nearest River	Choral Riverï 2.80 kmï NE Narmda River ï 8.50km ï S Gularjhira N ï 5.50km- W Kholar N - 7.50km - W
17.	Nearest Nalla/Lake/ Ponds	Seasonal Udla nallah along the Northern & Eastern boundary of the site Seasonal Nalla-2 ï N- adjoining
18.	Nearest Hill Ranges	None within 10 km radius

Raw Material Requirement and sources

Raw Material	Quantity	Source	Mode of Transportation
Grain / Flour	105 TPD	Local Anaj Mandi	Trucks
Rice Husk (RH) or Coal	RH : 65 TPD Coal : 51 TPD	Local supplier	Trucks
Antifoam Agent	03 Kg/Kl	Indore	Tanker
NaOH (50%)	06 Kg/Kl	Indore	Trucks
Phosphoric acid (75%0	01Kg/Kl	Indore	Mini Truck
Enzymes like Amyloglucosidase, Alpha Amylase Viscozyme	1.70 Kg/Kl	Indore	Mini Truck
Urea (100%)	1Kg/Kl.	Kharogone	Mini Truck
Neutrase	3 Kg/Kl	Indore	Mini Truck
Yeast	3 Kg/Kl.	Indore	Mini Truck

H_2SO_4 (93%)	1Kg/Kl.	Indore	Tanker
$Ca(OH)_2$ (100%)	3.7 Kg/Kl.	Indore	Mini Truck

Water Balance Chart

INPUTS			**OUTPUTS**		
Process water for Pre-fermentation	35	M^3	Thin slop water from Distillation	245	M^3
Process water for Liq. & Fermentation	250	M^3	Water in Wet Cake	40	M^3
Process water for Pump sealing	20	M^3	Spent lees	360	M^3
Soft water for CT make up(Evaporation, blow down, drift losses)	280	M^3	Cooling Tower blow down & Evaporation losses	280	M^3
DM water for Distillation dilution	360	M^3	Steam losses in Process & vent	40	M^3
DM water for Boiler	330	M^3	Pump sealing water recycle	20	M3
			Boiler blow down & deareator losses	40	M^3
			Steam condensate outlet from Process	250	M^3
INPUTS	**1275**		**OUTPUTS**	**1275**	
Domestic use (Canteen, drinking & toilets)	15	M^3	Domestic use (Canteen, drinking & toilets)	15	M^3
Floor washing	10	M^3	Floor washing	10	M^3
Total	1300	M^3	**Total**	1300	**M^3**
RECYCLE & UTILISATION STREAMS					
Thin Slop from Distillation	110	M^3			
Treated water from CPU to CT make up	120	M^3			

Stream Condensate from Process	250	M^3	
Boiler blow down to CT make up	40	M^3	
Spent lees from Distillation to Distillation	288	M^3	
Spent Lees from Distillation to Liquefaction	40	M^3	
Total Recycle	848	M^3	
Total fresh water required (Input-recycle)	452	M^3	

Salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant in the 204th SEAC meeting dated 04/07/2015. After deliberations committee has issued following TORsô in addition to the standard TORsô prescribed by the MoEF & CC:

- *Expected Odor nuisance in the nearby Jagatpura Village to be addressed.*
- *The solid waste generated in the process is claimed to be used as cattle feed; details regarding its quality, use and overall management to be furnished.*

The EIA was submitted by PP vide letter dated 29/09/2016 which was forwarded by the SEIAA vide letter no. 3954 dated 07/10/2016.

The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. The EC shall be valid for production of 40 KLPD RS/ENA grain based and 1.5 MW co-generation power plants.
2. Bag Filter along with stack of adequate height (minimum 35 meters) shall be provided in the boiler to control particulate emission within 150mg/Nm3. Continuous Online Stack Monitoring System should be installed and data connectivity must be provided to the MPPCBôs server.
3. Masking agents should be used for odour control. PP should take all necessary precautions to avoid odour nuisance to nearby area and villages.
4. Spent wash generation from grain based distillery shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form DWGS.

DWGS will be sent to dryer to form DDGS. The water quality of treated effluent shall meet the norms prescribed by MPPCB.

5. As proposed, no effluent from distillery shall be discharged outside the plant premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCBôs server for remote operations.
6. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
7. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. The ground water quality monitoring shall be monitored as per the MPPCB norms. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministryôs Regional Office at Bhopal and MPPCB.
8. Boiler ash shall be stored separately as per MPPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
9. Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank. Disaster Management Plan shall be implemented.
10. As proposed, green belt over 10700 sq. meter of the project area shall be developed within plant premises with at least 5 meter wide green belt on all sides along the periphery of the project area in downward direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
11. All the commitments made in the Public Hearing shall be implemented by PP and adequate budget provision shall be made accordingly.
12. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
13. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
14. All recommendations mentioned in the EMP shall be binding for the project authorities.
15. Ultrasonic/Magnetic flow/Digital meters shall be provided at the inlet and outlet of the proposed ETP & all water abstraction points and records for the same shall be maintained regularly.
16. In case of power failure, stand by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the ETP shall be

installed, so that the ETP shall always be operated round the clock even in case of power failure.

17. Regular emission and effluent quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the MPPCB.
18. All internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
19. Storm water shall not be mixed with the effluent. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
20. PP should take adequate precautions for the protection of nearby nallah as per the submitted proposal.
21. 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.

[Dr. Mohini Saxena]
Member

[Rameshwar Maheshwari]
Member

[Dr. U. R. Singh]
Member

[A. A. Mishra]
Secretary

[K.P. Nyati]
Vice-chairman