

**Minutes of the 2nd Goa State Environment Impact Assessment Authority
(Goa- SEIAA) meeting held on 24th October 2011 at 03.30 p.m. in the
Conference Room of the Goa State Pollution Control Board (GSPCB),
Patto, Panaji.**

The second meeting of the Goa-SEIAA was held on 24th October 2011 at the Conference room of the GSPCB under the Chairmanship of Mr. Jose Manuel Noronha, Chairman, Goa-SEIAA. The list of members is annexed herewith (*Annexure -1*).

At the outset, Mr. Michael M. D'Souza, Member Secretary, Goa-SEIAA welcomed the Members and briefed about the purpose to convene the said meeting after a period of 8 months. Further, he stressed the need to convene the Authority meeting on regular basis. Subsequently, he placed the agenda items (*Annexure – 2*) before the Members for favour of discussion, consideration and suitable decision in the matter.

Accordingly, project proposals submitted by (a) *M/s Nitin Developers Pvt. Ltd., Panaji* and (b) *M/s Rockfirst Real Estatae Ltd., Mumbai*, who have requested for re-consideration of their respective proposals were taken up initially for discussion followed by fresh proposals submitted by following project proponents (PP) for seeking prior Environmental Clearance as mandated under the EIA Notification, 2006 –

- a. **M/s Susheela Homes Properties Pvt. Ltd., Vasco-da-Gama** for the proposed expansion of Group Housing Project 'Sea Winds' in Vaddem village of Vasco-da-Gama in Mormugao taluka of South Goa district.
- b. **M/s Sattva Builders Pvt. Ltd., B'lore** for the proposed construction of residential project 'Sattva Water's Edge' in Sancoale village of Mormugao taluka of South Goa district.
- c. **M/s Phoenix Alcobevz Pvt. Ltd., Mapusa** for the proposed establishment of Pot-still distillation plant in Latambarcem village of Bicholim taluka of North Goa district.
- d. **M/s Model Real Estate Developers, Panaji** for the proposed construction of residential complex 'Models's Status' in Taleigao village of Tiswadi taluka of North Goa district.
- e. **M/s Akar Creations Pvt. Ltd., Margao** for the proposed construction of Group Housing and Commercial project 'Akar Excelsior' in Vanelim village of Salcete taluka of South Goa district.

In addition, the matter related to disbursement of remuneration towards 'Sitting fees / site inspection' to Goa-SEAC as well as Goa-SEIAA Members was discussed in light of the Goa-SEAC recommendations.

Further, minutes of the Second, Third, Forth and Fifth Goa-SEAC meeting were placed before the Authority for favour of perusal and information.

Project-wise decisions are as under:-

- A. Re-consideration of the project proposal by **M/s Nitin Developers Pvt. Ltd., Panaji** for the proposed construction of residential complex in Socorro village (survey no. 402/2, 404/5 & 402/2-C) of Bardez taluka in North Goa district.

Based on the Goa-SEAC comments, namely –

1. The PP is seeking prior EC from the Goa-SEIAA for the extension of the ongoing construction / development as the built-up area, with the proposed extension, exceeds 20,000 sq. mts. as per the EIA Notification, 2006.
2. Almost 40% of the total plot area has been developed and as a result, appreciable proportion of naturally grown vegetation has been lost along the moderate to steep sloping hill-slopes thereby disturbing the natural drainage, green cover.
3. The proposed extension would further degrade the ecological set-up of the area as the proposed construction-activity would invariably require cutting of trees (loss of green cover) hill-slope cutting (slope instability and disturbance to natural drainage).
4. The proposed activity is likely to affect the adjacent nala which may get silted / diverted / flooded, especially during monsoon causing severe soil erosion.
5. The revised plan envisages construction of additional villas, which was believed to be not a part of original proposal, submitted earlier.

The Authority agreed to the observations / comments of the Goa-SEAC and considering the likelihood of environmental implications due to the proposed developmental activity vis-à-vis project ambiguity. The Site needs to be re-inspected by the SEIAA with Secretary, SEAC to ascertain the on-site conditions prior to deciding the matter.

- B. Re-consideration of the project proposal by **M/s Rockfirst Real Estate Ltd., Mumbai** for the proposed construction of residential apartments 'Ashoka Beleza' in Alto-Batim, Reis Magos village (survey no. 57/1) of Bardez taluka in North Goa district.

Based on the Goa-SEAC comments, namely –

1. The proposed project "A" is an extension of the ongoing work, being developed, within two adjacent plots namely – 'B' and 'C' and is seeking prior Environmental Clearance (EC) from the Goa-SEIAA, as the built-up area, taken together, exceeds 20,000 sq. mts. as per the EIA Notification, 2006.
2. Almost 30% of the total plot area has been developed and as a result, appreciable proportion of naturally grown vegetation has been lost along the hill-slopes.
3. The proposed extension would further degrade the ecological set up of the area as it would invariably require to clear green-cover / hill-slope cutting which is likely to disturb the natural drainage as well as forest cover.

The Authority agreed to the observations / comments of the Goa-SEAC and considering the likelihood of environmental implications due to the proposed developmental activity vis-à-vis project ambiguity. It was decided that the PP should look into the aspects of the observations made out by the SEAC and consider a proposal for rejuvenation of alternate landmass for vegetation growth in the area / property to ensure stability in the area. The PP should also look into the alternatives by maintaining the existing ecological set up and construction to avoid hill / slope cutting so as to not disturb natural drainage and forest cover. These aspects need to be looked at before deciding the matter and representation made by PP.

- C. **M/s Susheela Homes Properties Pvt. Ltd.**, Vasco-da-Gama has proposed for expansion of Group Hosuing Project “Sea Winds” in Vaddem village (Chalta No. 26(Part) of P.T. Sheet No. 69 & Plot Nos. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 of Chalta No. 2 of P. T. Sheet No. 68) of Vasco-da-Gama in Mormugao taluka of South Goa district.

Based on the comments of the Goa-SEAC, the Authority agreed to the recommendations and accordingly has decided to accord prior EC to the said project as mandated in the EIA Notification, 2006, subject to the obtaining the ‘Structural Stability Certificate’ from the competent authority concerned.

- D. **M/s Sattva Builders Pvt. Ltd.**, B’lore has proposed for construction of residential complex “Sattva Water’s Edge” in Sancoale village (survey no. 199/2) of Mormugao taluka of South Goa district.

Goa-SEAC, based on the site inspection vis-à-vis project presentations, has recommended the project to accord prior EC subject to certain site-specific modification / compliance as regards to hill-slope stability / soil excavation for the cliff portion within the proposed plot area.

However, Dr. Mohan R. Girap, Secy., Goa-SEAC presented the e-mail communication, dated 20th September 2011, received from Mr. Piyush Agarwal – representative of the firm, informing the O/o the Goa-SEAC that the PP intends to “Revise” the proposed plan and would submit the modified plan in due course of time for favour of suitable appraisal as mandated under the EIA Notification, 2006. He further informed that the PP has submitted the revised plan with calculations in which it is seen that area of 1913.58 sq.mts. has been reduced from the earlier proposed 24,700 sq.mts. In view of the Goa-SEAC recommendations, the said proposal may be considered to issue a prior EC.

- E. **M/s Phoenix Alcobevez Pvt. Ltd.**, Mapusa has proposed to establish a Pot-still distillation plant in Latambarcem village (survey no. 299/1(part) & 301/0(part)) of Bicholim taluka of North Goa district.

Based on the project details, site-inspection observations as well as presentation made by the PP, the Goa-SEAC has requested to ascertain the distance between proposed plot area and the nearest inter-state boundary. Accordingly, it was conveyed by the PP vide its letter no. PAPL/GOA/007 dated 26th September 2011 that the nearest distance from the proposed distillation plant (Survey no. 299/0 & 301/0) at Latambarcem to inter-state boundary (i.e. Maharastra) is 3.74 kms.

In view of the above and as per the General Conditions annexed to the ‘Schedule’ to the EIA Notification 2006, which states that - “*Any project or activity specified in Category ‘B’ will be treated as Category ‘A’, if located in whole or in part within 10 km from the boundary of, and (iv) inter-State boundaries and international boundaries:*

Provided that the requirement regarding distance of 10 km of the inter-State boundaries can be reduced or completely done away with by an agreement between the respective States or U.Ts sharing the common boundary in case the activity does not fall within 10 kilometres of the areas mentioned at item (i), (ii) and (iii) above”, the Authority opined that the said project proposal is to be treated as Category ‘A’ and as such, the PP may be requested to forward the same to the Ministry of Environment & Forests (MoEF) for further needful.

F. M/s Model Real Estate Developers, Panaji has proposed to construct a residential complex in Taleigao village (survey no. 213/2) of Tiswadi taluka in North Goa district.

Based on the project details, site-inspection observations as well as presentation made by the consultant to the PP, Goa-SEAC has observed that the proposed development is complete in all the respect and the PP is seeking Ex-post facto EC (as against prior EC as mandated in the EIA Notification, 2006). Further, the Committee has noted the phase-wise development of the said project in the following manner –

1. Size of the proposed project – Total plot area – 27,389 sq. mts.
Total Built-up area – 32,636.16 sq. mts.
2. Date and Issue of Construction license – vide letter no. VP/TLG/CONST.LIC/121/2005-2006/2276 dated 3rd January 2006 issued by Taleigao village Panchayat.
3. Date of starting of construction – 4th January 2006
4. Date of completion – 15th May 2008
5. Date and Issue of Completion Certificate – vide letter no. 149/1/PWD/DV/(B-N)/2008-09/SDI/478 dated 23rd July 2008 issued by PWD.
6. Date and issue of Occupancy Certificate – vide letter no. VP/TLG/09-09/2330 dated 21st November 2008 issued by Taleigao Village Panchayat.

Based on the project details, referred above, the Authority has convinced that the aforesaid developmental activity attracts either EIA Notification, 1994 (as the activity has started in January 2006) and would require prior EC from the then Authority concerned (i.e. MoEF) or alternatively, as the project has been completed in 2008 and as the total built-up area exceeds 20,000 sq. mts., the PP needs to comply with EIA Notification, 2006 and require prior EC from the State Authority concerned, being categorized as Category ‘B’ projects (8(a) – Building and construction projects).

Thus, the Authority opines that the PP has violated / impinged upon the law, in force at the relevant point of time. This issue needs to be examined in light of instructions issued by MoEF from time to time which covers such cases. Authority opined that both Authorities Goa-SEAC and Goa-SEIAA recommend projects for prior EC and not for Ex post-facto EC. It recommends to the State Government to take an appropriate view based on the instructions of the MoEF before deciding the matter

and also explore the possibility from legal ambit whether any punitive action can be taken for such ex post-facto cases.

G. **M/s Akar Creations Pvt. Ltd.**, Margao has proposed to construct Group Housing and Commercial complex in Vanelim village (survey no. 40/0) in Salcete taluka of South Goa district.

Based on the project details, site-inspection observations as well as presentation made by the PP, Goa-SEAC has observed the following –

1. Two communications received from the Ministry of Environment & Forests (MoEF), Govt. of India, New Delhi, namely (a) Letter no. 21-37/2009-IA III dated 26th May 2010 addressed to the Project Proponent (PP), copy of which was endorsed to the Goa State Pollution Control Board (GSPCB), Goa-SEIAA & CCF (*refer Annexure – 3*) and (b) 21-37/2009-IA III dated 7th December 2010 addressed to the GSPCB – copy of which was endorsed to Member Secretary, Goa-SEIAA and Chairman, Goa Coastal Zone Management Authority (GCZMA) (*refer Annexure – 4*) were referred. Accordingly, the letter referred to at (a) above has informed the project proponent that the MoEF has closed the said project file and has delisted the same from pending list and has requested to obtain the prior Environmental Clearance (EC) by submitting a fresh proposal to SEIAA of Goa. While, the letter referred to at (b) above seeks additional information from GSPCB on (i) status of project at site/violation, etc., (ii) High Court Order / issues in the complaint and (iii) any CRZ issue in the project so as to enable the MoEF to examine and process the case further.
2. Further, latest communication received from the MoEF vide letter F. No. 21-37/2009-IA.III dated 10th June 2011 (*refer Annexure – 5*) has requested the State Government to initiate necessary action under Environment (Protection) Act, 1986 against the violation by the PP as the firm is in the final stages of completion of 6 building blocks without obtaining prior EC.

In response to (1) and (2) above, the Authority opines that the PP has violated / impinged upon the law, in force, by not obtaining the prior EC from MoEF. It is not clearly known whether the project is actually de-listed by MoEF or the same continues to receive the attention of the EAC of MoEF. This aspect need to be clarified from MoEF. Further since there are specific directions to State Govt. to initiate action under EPA, 1986; this information would be vital to propose to the State Government to initiate suitable proceedings under Section (5) of the Environment Protection Act (EPA), 1986. The legality of the matter needs to be ascertained in consultation with MoEF as there are other guidelines issued in regards with post facto clearances of projects.

H. It was also decided to approve Rs. 1,000/- (Rupees one thousand only) as sitting fees per meeting attended as well as Rs. 500/- (Rupees five hundred only) per site inspection conducted per day to Goa-SEAC as well as Goa-SEIAA members. It was also agreed upon to establish a SEAC/SEIAA Secretariat at the Goa State Pollution Control Board (GSPCB), Patto, Panaji and provide optimum required infrastructural facility as well as Human Resources Component to enable smooth functioning of SEAC/SEIAA. The Chairman, Goa-SEIAA also desired to coin a suitable 'Logo' and issue Identity and Visiting cards to all the Members.

The meeting ended with vote of thanks to the Chair.

Sd. /-
Dr. A. G. Untawale
Member, Goa-SEIAA

Sd. /-
Mr. Michael M. D'Souza
Member Secretary, Goa-SEIAA

Sd. /-
Mr. Jose M. Noronha
Chairman, Goa-SEIAA

Place: Patto, Panaji.

ANNEXURE - 1

List of members who attended the second Goa-SEIAA meeting

1. Mr. Jose M. Noronha, General Manager, Agnel Technical Education Complex, **Chairman**
2. Dr. Arvind. G. Untawale, Ex-Dy. Director, NIO. - Member, Goa-SEIAA
3. Dr. Mohan R. Girap, P. S. (Geology), GSCST. - Secretary, Goa-SEAC
4. Mr. Michael M. D'Souza, Director, DST&E. - Member Secretary, Goa-SEIAA

ANNEXURE - 2

Agenda Items for the SECOND Goa-SEIAA meeting scheduled on 24th October 2011 at the GSPCB, Patto.

1. Reconsideration of following two proposals which were not considered favourable to issue Prior Environmental Clearance (EC) during the First Goa-SEIAA meeting held on 24th February 2011.

A. RESIDENTIAL COMPLEX AT ALTO-BATIM BY M/s ROCKFIRST REAL ESTATE LTD.,

Project Proponent	Proposed Activity	Site-specific location details	Project details / specification / salient features (extracted from the project details submitted)	Comments from Goa-SEAC members based on the revised presentation made by the PP	Current Status
<p>M/s Rockfirst Real Estate Ltd., Mumbai.</p> <p>Mr. Rajesh Jaggi, Managing Director, 1, Peninsula Spenta, Mathurdas Mills, Senapati Bapat Marg, Lower Parel, Mumbai – 400013</p> <p>Ph. – 022/66229400 – 022/66229300/01 Fax – 022/66229302</p> <p>rajeshjaggi@Peninsula.co.in (M) - 9820505005</p> <p><i>Corres. Add.:</i> Mr. Sanjeev - 9890003168 Peninsula Land Ltd., Peninsula Center, H. No. 850, Opp. SBI, Porvorim – 403 621 Mr. Sanjay Ghatwal (M) - 9764005561</p>	<p>Residential Apartments</p> <p>“Ashoka Beleza” (G + 3 storied complex)</p>	<p>Alto-Betim village, Bardez taluka, S. Nos. 57/1 of Reis Magos village</p>	<p>Total plot area – 29,120.13 sq. mt. Total Ground coverage area – 8,751 sq. mts. Green cover area – 20,368 sq. mts. Built-up area – 22,279.67 sq. mts. Total construction built-up area – 32,452.52 sq. mts.</p> <p>Ready-Mix-Concrete (RMC) to be used.</p> <p>Total occupancy – 652 nos. (max.)</p> <p>About 80,134 m³ of earth would be removed / excavated.</p> <p>Geotechnical soil investigation (enclosure – 1) as carried out through 17 boreholes with permanent benchmark of +50mt. No groundwater table was encountered.</p> <p>Reinforced concrete (i.e. Spread foundation) is proposed with maximum water: cement ratio of 0.50 at an average depth of 1.5 mt.. This foundation has a safe bearing capacity of 40 T/sq.mt. (with total settlement of 9</p>	<p>1. The proposed project “A” is an extension of the ongoing work, being developed, within two adjacent plots namely – ‘B’ and ‘C’ and is seeking prior Environmental Clearance (EC) from the Goa-SEIAA, as the built-up area, taken together, exceeds 20,000 sq. mts. as per the EIA Notification, 2006.</p> <p>2. Almost 30% of the total plot area has been developed and as a result, appreciable proportion of naturally grown vegetation has been lost along the hill-slopes.</p> <p>3. The proposed extension would further degrade the ecological set up of the area as it would invariably require to clear green-cover / hill-slope cutting which is likely to disturb the natural drainage as well as forest cover.</p>	<p>The said proposal has not been considered to issue Prior Environmental Clearance (EC) on 19th May 2011.</p> <p>The firm has communicated for re-consideration its proposal and was taken up for discussion during the Fifth Goa-SEAC meeting held on 19th August 2011.</p> <p>However, based on the observations as well as ground-truth verification, the Goa-SEAC is not in favour of recommending the said project for issuance of prior EC.</p> <p><u>Remarks – The Authority may like to take a suitable independent decision in the matter based on observations of the Goa-SEAC</u></p>

			<p>mm). California Bearing Ratio (CBR) of 6 is proposed for construction design. Retaining walls with weep holes with gravel filters are proposed.</p> <p>Estimated cost – 125 crores.</p> <p>Noise pollution to be controlled by restricting the usage of equipments generating more than 90 db (A) sound.</p> <p>Water requirement – During construction : 42 m³/d 12m³/d for workers from local authority 20 to 30 m³/d for construction through tankers.</p> <p>During operation : 60m³/d for domestic use (150 m³/d) 30m³/d for flushing 60m³/d for gardening</p> <p>50 trees are proposed to be planted in lieu of 46 trees for which permission is sought.</p> <p>Power requirement – 75 kVA (Construction) - from Goa Electricity Dept. 3828 KW (from GED) during Operation. Back-up power through four diesel generator 2 nos. of 750 kVA and 2 nos. of 500 kVA.</p> <p>Solid waste generated – 291 kg/d – (Dry garbage – 89 kg. & Wet garbage – 203 kg. / d) Vessel composting is proposed to manage wet garbage (i.e. biodegradable). STP using Moving Bed Bio Reactor (MBBR) technology is proposed to be provided.</p>	
--	--	--	---	--

			<p>(Technical details of the proposed STP may please be furnished). Dry sludge to be used as manure for plants.</p> <p>RWH is proposed.</p> <p>EMP for HW management is enclosed as Enclosure – 3.</p> <p>Disaster Management Plan enclosed as Enclosure - 4</p>	
--	--	--	--	--

B. RESIDENTIAL COMPLEX AT SOCCORRO BY M/s NITIN DEVELOPERS PVT LTD.,

Project Proponent	Proposed Activity	Site-specific location details	Project details / specification / salient features (extracted from the project details submitted)	Comments from Goa-SEAC members	Current Status
<p>Nitin Developres Pvt. Ltd., Mr. Nitin Saraf, La Casa Grande, Lane No.2, St. Mary's Colony, Miramar</p> <p>Architect - C/o Soares & Associates, G-1, Vikas Bldg., 18th June Rd., Next to Pharmacy College, 18th June Road, Panaji, Goa – 403 001</p> <p>Ph. – 2228040 / 2430010 / 2463365 Mobile - 9326142082</p>	Residential complex	Socorro village, Bardez taluka, S. Nos. 402/2, 404/5 and 402/2-C	<p>Total plot area – 22,896.38 sq. mts. FAR (permissible) – 18,317.10 sq. mts. (proposed) – 17,072.69 sq. mts. Coverage (permissible) – 9,124.15 sq. mts. (proposed) – 7,048.11 sq. mts. Total parking provide for 275 cars Total occupancy (optimum) – 746 persons</p> <p>Water requirement – About 125 m³ per day (sump of 1,00,000 liters capacity is proposed) to be tapped from P.W.D.</p> <p>Total waste-water generated – 98,000 liters per day STP is to be provided with generation of sewage sludge of 1.5 m³ per day - Part of this is proposed to be re-circulated and part to be disposed-off to STP through transport trucks.</p> <p>Total solid waste generated – 500 kgs. per day (max.)</p>	<p>6. The PP is seeking prior EC from the Goa-SEIAA for the extension of the ongoing construction / development as the built-up area, with the proposed extension, exceeds 20,000 sq. mts. as per the EIA Notification, 2006.</p> <p>7. Almost 40% of the total plot area has been developed and as a result, appreciable proportion of naturally grown vegetation has been lost along the moderate to steep sloping hill-slopes thereby disturbing the natural drainage, green cover.</p> <p>8. The proposed extension would further degrade the ecological set-up of the area as the</p>	<p>The said proposal has not been considered to issue Prior Environmental Clearance (EC) on 19th May 2011.</p> <p>The firm has communicated for re-consideration its proposal and was taken up for presentation during the Third Goa-SEAC meeting held on 25th July 2011. During the Forth Goa-SEAC meeting held on 2nd August 2011, the Committee, owing to the ambiguity in the project clarity, decided not to recommend the proposed activity for favour of according prior EC.</p> <p><u>Remarks – The Authority may like to take a suitable</u></p>

			<p>RWH is proposed for both, as storage (02 tanks) as well as groundwater recharge (02 pits) . And to be integrated with storm-water drainage. Wells existing on site to be used for plantations and would be recharged.</p> <p>Power requirement – Not provided. However, CFL to be utilized. Solar energy for garden lights and water heating system proposed.</p>	<p>proposed construction-activity would invariably require cutting of trees (loss of green cover) hill-slope cutting (slope instability and disturbance to natural drainage).</p> <p>9. The proposed activity is likely to affect the adjacent nala which may get silted / diverted / flooded, especially during monsoon causing severe soil erosion.</p> <p>10. The revised plan envisages construction of additional villas, which was believed to be not a part of original proposal, submitted earlier.</p>	<p><u>independent decision in the matter based on observations of the Goa-SEAC.</u></p>
--	--	--	--	---	--

2. Consideration of the following new proposals

A. EXPANSION OF GROUP HOUSING PROJECT AT VADDEM, VASCO

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
1	<p>M/s Susheela Homes Properties Pvt. Ltd.,</p> <p>Ground Floor, Hotel Manish Building, F. L. Gomes Road, Vasco-da-Gama Goa – 403 802</p> <p>susheelahomes@gmail.com</p> <p>Ph. No. 0832-2511110 / 2512987</p>	<p>Expansion of Group Housing Project – “SEAWINDS”</p>	<p>Chalta No. 26(Part) of P.T. Sheet No. 69 & Plot Nos. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 of Chalta No. 2 of P. T. Sheet No. 68 in Vaddem village of Vasco-da-Gama in Mormugao Taluka</p>	<p>Total plot area – 25,252 sq. mt. Effective Plot area – 16,992.39 sq. mt.</p> <p>F.A.R. permissible – 31,054.88 sq. mt F.A.R. proposed – 29,510.60 sq. mt. Existing – 17,734.96 sq. mt. Proposed – 11,775.64 sq. mt.</p> <p>Built-up area – Existing – 26,110 sq. mt. (240 apartments) Proposed – 18,688.41 sq. mt.</p>	<p>Based on the compliance to site-inspection observations vis-à-vis presentation before the Committee, Goa-SEAC has considered to recommend the said proposal for issuance of Prior Environmental Clearance (EC) during the Fifth Goa-SEAC meeting held on 19th August 2011.</p>

	<p>Contact Person: Mr. Nilesh Salkar nilesh@salkar.in</p> <p>Environmental Consultant Mr. Sunil Dixit, Associate Director, J. M. EnviroNet (P) Ltd., 1st & 2nd Floor, S. C. O., 16, Sector-10 A, Gurgaon (Haryana) Ph.: 0124-3206559 Mob.: 09971699906 jmenvirostudies@hotmail.com</p>		<p>of South Goa district.</p>	<p>Permissible ground coverage – 6796.25 sq. mt. (40%) Proposed ground coverage – 4303 sq. mt. (25.32%) Existing – 3,803.11 sq. mt. Proposed – 500.85 sq. mt.</p> <p>Total green area proposed – 5343.16 sq. mt. (21.15%)</p> <p>Water requirement – 256 KLD to be sourced from PWD. Construction of bore-well proposed. <u>(Kindly check entries against 1.23 and 2.2 on pg. 8 and 9 respectively)</u></p> <p>Total waste-water generated – 202 KLD to be disposed through municipal sewerage to be treated through 14 MLD STP located at Kate-Baina.</p> <p>Power requirement – 1520 KW to be sourced from Electricity Dept.,</p> <p>Two D.G. seta of total 165 KVA capacity (i.e. 82.5 KVA each) with low sulphur diesel is proposed to be installed as a back-up facility.</p> <p>Solid waste generated (residential-cum-floating) – 884 kg. per day to be dispose-off through vendors for recycling.</p>	<p>However, the PP has been requested to obtain ‘Structural Stability Certificate’ from Competent Authority.</p> <p>Goa-SEIAA has been communicated accordingly on 19th September 2011.</p> <p><u>Remarks – May be considered to issue Prior EC subject to submission of Stability Certificate by the PP</u></p>
--	---	--	-------------------------------	---	--

B. RESIDENTIAL BUILDING IN SANCOALE VILLAGE OF MORMUGAO TALUKA, SOUTH GOA DISTRICT

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
2	<p>M/s Sattva Builders Pvt. Ltd., B'lore #3, 4th Floor, Salarpuria Windsor, Ulsoor Road, Bengaluru – 560 042</p>	<p>Residential building ‘Sattva Water’s Edge’</p>	<p>Survey no. 199/2 of Sancoale village in Mormugao taluka, South Goa district</p>	<p>Total plot area – 19,125 sq. mt. Effective Plot area – 18,573 sq. mt. (595 sq. mt. for road widening) Total Built-up area – 24,700 sq. mt. (pre-revised) - 22,786.42 sq. mt. (revised) and</p>	<p>Based on the compliance to site-inspection observations vis-à-vis presentation before the Committee, Goa-SEAC has considered to recommend the said proposal for</p>

	<p>Mr. P. K. Mishra, Vice President, Ph.: 080-42690100 Fax.: 080-42699011 pkm@sattvgroup.in</p> <p>Environmental Consultant – M/s B. S. Envi-Tech. Pvt. Ltd., H'bad.</p>	<p>Revised plan to include - 1. Villas – 10 (G + first floor) 2. 04 Apartment blocks for residential use (Stilt + 5 floors) 3. 01 Apartment Studio block (Stilt + four floors)</p> <p><i>In the pre-revised plan – 09 villas and 06 apartment blocks were proposed.</i></p>		<p>includes - (18,913.30 + 1,633.95 + 92 – club house area) + 347.17 (utilities) + 1,800 (podium)</p> <p>Total green area proposed – 5,696 sq. mt. (30.74%) Total area covered by building – 4,909 sq. mt.</p> <p>Total soil to be excavated – 3,700 m³ approx. (1200 m³ to be used for landscape development) Manpower required during construction phase – 150 max.</p> <p>Parking facility – 106 cars</p> <p>Total nos. of trees to be cut – 21 (relevant NOC obtained)</p> <p>Rainwater harvesting – (a) 12 recharge wells for effective groundwater recharge (b) Roof-top harvesting is proposed to be stored (about 207 m³) to be treated through Water Treatment Plant. Treated water shall be pumped to 09 overhead tanks of 12.6 m³ capacity as well as firefighting purpose.</p> <p>Water requirement – 25 KLD – during construction phase to be sourced through tankers. During operational phase 96 KLD - to be sourced from Municipal supply and recycled treated sewage.</p> <p>Sewage Treatment Plant - 90 KLD STP is proposed to be installed to generate 78 KLD of treated water to be utilized for flushing, gardening as well as floor / vehicle washing. It will also generate 4.5 kgs. /day of sludge to be used as manure for landscape area.</p> <p>Power requirement – Two D.G. sets (a) during construction – one of 50 KVA and (b) during operation – Normal supply of 1241 KVA and Max. demand of 931 KVA is to be sourced from Goa Electricity Dept. (GED). Further, one of 160 KVA and two</p>	<p>issuance of Prior Environmental Clearance (EC) during the Fifth Goa-SEAC meeting held on 19th August 2011.</p> <p>Goa-SEIAA has been communicated accordingly on 19th September 2011.</p> <p>However, as per e-mail communication received from PP dated 20th September 2011, the PP intends to revise the plan of the proposed developmental activity. The revised plan has been dully scrutinized by Secretary, Goa-SEAC</p> <p><u>Remarks – Based on above submission, the said proposal can be considered to issue prior EC on the revised area calculations which are in fact less than the original proposed calculations w.r.t. built-up area.</u></p>
--	---	---	--	---	--

				<p>of 220 KVA to be installed as a back-up facility.</p> <p>Solid waste generated (residential-cum-floating) – 285 kgs./day (173 kgs. of organic & 114 kgs. of inorganic garbage). Organic Waste Converter is proposed to be installed to convert wet waste into manure. While, inorganic waste is to be disposed through Municipal Authorities.</p> <p>Environment Management Plan (EMP) provides recurring cost of 6.60 lakhs per year.</p>	

C. RESIDENTIAL COMPLEX AT TALEIGAO, TISWADI TALUKA, NORTH GOA DISTRICT

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
3	<p>M/s Model Real Estate Developers, 4th Floor, Joffrey Residency, Behind College of Pharmacy, Panaji, Goa – 403 001</p> <p>Ph.: 2227688 / 2226251 Fax.: 2224484 e-mail: models@modelsgoa.com</p> <p>Mr. Peter Vaz, Director, peter vaz@yahoo.co.in</p> <p>M/s Sadekar EnviroTech., Porvorim Mr. Pradip Joshi / Mr. Sadekar</p>	<p>Residential Complex</p> <p>‘Model’s Status’ (G + 8 – height of 24 mt. & G + 1 – height of 7.5 mt.)</p>	<p>Survey no. 213/2 of Taleigao village in Tiswadi taluka in North Goa District</p>	<p>Total plot area – 27,389 sq. mt. Total Built-up area – 33,752.08 sq. mt. Total nos. of flats - 270 Plinth area / Terrace area – 4,104.89 sq. mt. Total green area + open space proposed – 4,514.00 sq. mt. Manpower required during construction phase – 125 max. Cost of the project – 42.39 crores Parking facility – 325 four wheelers & 50 two wheelers</p> <p>Rainwater harvesting involving (a) groundwater recharge as well as (b) roof-top harvesting to store the water has been proposed.</p> <p>Water requirement – 50 m³ /day during construction 130.1 m³/day during operation phase</p> <p>Sewage Treatment Plant – Out of 117.35 m³/day waste-</p>	<p>Based on the compliance to site-inspection observations vis-à-vis presentation before the Committee, Goa-SEAC has considered to recommend the said proposal for issuance of Prior Environmental Clearance (EC) during the Fifth Goa-SEAC meeting held on 19th August 2011.</p> <p>Goa-SEAC observed that the PP intends to seek Ex-post-facto EC as against the prior EC as mandated in the EIA Notification, 2006.</p> <p>Goa-SEIAA has been communicated</p>

				<p>water generated, about 93.52 of treated water from the STP is proposed to be utilized for gardening and green-area development.</p> <p>Power requirement – 100 KVA during construction phase 1500 KVA during operation phase to be sourced from Goa Electricity Dept. (GED). 01 no. of D. G. set of 100 KVA capacity is proposed as stand-by energy source.</p> <p>Solid waste generated – 500 kg. /day during construction phase and 108 kgs. /day during operation phase (i.e. 64.8 kg – biodegradable waste & 43.2 non-biodegradable waste). Hazardous waste (20 kgs. /month during construction and 10 kgs./month during operation phase) is expected to be generated.</p> <p>Environment Management Plan (EMP) addressing following issues related to - (a) fire fighting facility (b) Traffic management (c) noise reduction (d) energy conservation (e) post-project monitoring and management have been proposed.</p>	<p>accordingly on 19th September 2011.</p> <p><u>Remarks – The Authority may like to take a suitable independent decision in the matter based on observations of the Goa-SEAC</u></p>
--	--	--	--	--	---

D. SETTING UP OF POT-STILL DISTILLATION PLANT AT LATAMBARCEM, BICHOLIM TALUKA, NORTH GOA

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
4	<p>M/a Phoenix Alcobevez Pvt. Ltd., 100, Punola, Ucassaim, Bardez, Mapusa, Goa.</p> <p>Mr. Siddharth Bahkta, Managing Director, Tel no. 2261599 Fax no. 2261659 e-mail: distillation@phoenixalcobevez.com</p>	<p>Pot-still distillation plant</p> <p>Category '5(g)' - Distilleries</p>	<p>a. The site is not located in Industrial Estate. (total plot area - 11,400 sq. mts.)</p> <p>(built-up area – 2,500 sq. mts.)</p> <p>b. Survey Nos.</p>	<p>The Project Proponent (PP) proposes –</p> <ol style="list-style-type: none"> 2,800 LPD pot-still distillation plant for production of Malt, Grape, Cashew & other consumable spirits. Winery of capacity of 15,000 cases annually Bottling capacity 30,000 cases (9 liters per case) per month for IMFL, Country Liquor and Wine <p>In addition, PP proposes to –</p> <ol style="list-style-type: none"> Construct one bore well. 	<p>Based on the project details, site-inspection observations vis-à-vis presentation made before the Committee during the Fourth Goa-SEAC meeting held on 2nd August 2011, following observations / clarification:-</p> <p>To ascertain the nearest distance from</p>

	<p>Pre-construction investigations (i.e. soil testing, hydrogeological status) is intended to be carried out by - M/s Daftary Descon Engineering Pvt. Ltd., Velho Bldg., 2nd Floor, Near Municipal Garden, Panaji.</p>		<p>299/1 (Part) and 301/0(Part) of Latamarcem village of Bardez taluka, North Goa district.</p> <p>c. PP is outright owner of the plot.</p>	<p>2. Construct 300 mts. length road from main road to the proposed plot. 3. Creation of artificial pond (300 sq. mt.) 4. Green-belt development would cover total area of about 2,700 sq. mts. (about 24% of total plot area)</p> <p>Raw material required – Barley, Grapes, Cashew apples, Chemicals, Yeast, Enzymes, etc., (<i>refer Table II(2)</i>)</p> <p>Total manpower requirement – 60 (<i>refer Table ((4))</i>)</p> <p>Total water requirement – 81 K liters per day (<i>refer Table II(3)</i>). Distillery wastewater is a main byproduct which is generally 10 to 15 times more than ethanol produced. Other waste will be biodegradable – skin seeds stem from sugarcane, grapes, cashew apples as well as husk of barley. The unit intends to promote Zero-discharge concept”.</p> <p>Process description for liquor / winery is detailed in Chapter – II. It includes – Pre-treatment, Fermentation, Distillation & Maturation</p> <p>Power requirement – 300 KVA and to be sourced from Goa Electricity Dept., (GED). However, stand-by D.G. sets (03 nos.) of 100 KVA each as power back-up.</p> <p>Solid waste – domestic waste to be disposed-off through soak-pits and septic tank. Other types of industrial waste – paper, broken glass, metal caps, etc., is expected to be sold as scrap to M/s Goa Bottle Supply, Margao.</p>	<p>the inter-state boundary and submit documentary proof in support of the same. As General Conditions annexed to the Schedule to the EIA Notification, 2006, which states – “Any project or activity specified in Category ‘B’ will be treated as Category ‘A’, if located in whole or in part within 10 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) (Critically Polluted areas as identified by the Central Pollution Control Board) from time to time, (iii) Eco-sensitive areas as notified under section 3 of the Environment (Protection) Act, 1986, such as , Mahabaleshwar Panchgani, Matheran, Pachmarhi, Dahanu, Doon Valley, and (iv) inter-State boundaries and international boundaries:</p> <p>To specify, in detail, the steps to be initiated to address Solid Waste Management (SWM) with special reference to the generation of sludge and its treatment methodology to be adopted, especially in monsoon season.</p> <p>To provide sufficient buffer zone from the either banks of the Tillari canal, which passes through the plot area, to prevent any possibility of leaching into the canal water course.</p>
--	---	--	---	---	--

					<p>Accordingly submit the conceptual layout plan of the proposed developmental activity.</p> <p>Goa-SEIAA has been communicated accordingly on 19th September 2011.</p> <p><u>Remarks – As the PP has NOT YET complied with the aforementioned observations / comments, the said proposal may be kept in abeyance / reserve pending the compliance, as sought for, by the Goa-SEAC.</u></p>
--	--	--	--	--	---

E. GROUP HOUSING & COMMERCIAL COMPLEX AT VANELIM VILLAGE, SALCETE TALUKA, SOUTH GOA

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
5	<p>M/s Akar Creations Pvt. Ltd., Margao Lake Plaza, Opposite Nehru Stadium, Fatorda, Margao, Goa – 403 602</p> <p>Mr. Avinash Borkar, Managing Director, Ph.: 0832-2743684 avinash@borkars.com</p> <p>Mr. Rohit Borkar, rohit@akarcreations.in / akarapl@gmail.com</p> <p><i>Prepared by –</i> Environmental Consultant</p>	<p>Group Housing and Commercial project</p> <p>‘Akar Excelsior’</p>	<p>Survey no. 40/0 of Vanelim village in Salcete taluka in South Goa district. The said plot is grouped under Zone C1 as per local TCP guidelines.</p>	<p>Total plot area – 25,375.00 sq. mt. Effective plot area – 23,092.00 sq. mt. (2,283 s. mt. for road widening) FAR Permissible – 20,300 sq.mt. (0.8%) FAR Proposed – 20.278 sq.mt. (0.799%) Total Built-up area – 30,213.30 sq.mt. Total coverage area of the proposed building – 34.42% Total quantity of soil to be excavated – 8,721 m³ Out of which about 7,85 0m³ to be used for backfilling and remaining top soil to be used for green area development. Ground coverage – 34.42% Total population – 1399 9. Out of this about 1380 is residential and 19 nos. as floating population. Plinth area / Terrace area –sq. mt. Total green area– 7,170.97 sq.mt. (28.26%)</p>	<p>Based on the compliance to site-inspection observations vis-à-vis presentation before the Committee, Goa-SEAC during the Fifth Goa-SEAC meeting held on 19th August 2011 has made the following observations to be forwarded to the Goa-SEIAA for further compliance.</p> <p>a. From the latest communication received from the Ministry of Environment & Forests (MoEF), Govt. of India, New Delhi vis-à-vis project application submitted to the Goa-SEAC/Goa-SEIAA, it is yet to be ascertained whether the project is</p>

	<p>Mr. Sunil Dixit, Associate Director, J. M. EnviroNet (P) Ltd., 1st & 2nd Floor, S. C. O., 16, Sector-10 A, Gurgaon (Haryana) Ph.: 0124-3206559 Mob.: 09971699906 jmenvirostudies@hotmail.com</p>			<p>Sedimentological analysis of soil has been conducted.</p> <p>Manpower required during construction phase –max. Coast of the project –crores Parking facility – 348 ECS (226 ECS for covered parking & 122 ECS as surface parking.</p> <p>Rainwater harvesting involving only collection and storage of roof-top water is proposed. Approximately 212.10 m³ /day of rainwater is expected to be stored in underground tanks with proper filter media and network pipes..</p> <p>Water requirement - during construction 45 lpcd of water requirement and during operation phase, 188 KLD of water requirement is to be entirely sourced from Public Water Department (PWD). During operational phase, about 150.4 KLD of waste water generated is expected to be treated in 170 KLD capacity STP. About 145 KLD of treated water (at 95% of STP efficiency) will be utilized for landscaping (28 KLD), car washing (20 KLD) and Municipal authorities for watering public garden 997 KLD). In monsoon season, this water will be discharged to the low-lying areas.</p> <p>Power requirement – During construction phase, 71 KVA to be sourced from the Goa Electricity Dept.</p> <p>During operational phase, 1355 KVA has been approved by Goa Electricity Dept., However, Total Maximum Demand is 1208 KVA. It is also proposed to install 7 nos. of 25 KVA and 1 no. of 50 KVA D.G. sets as back-up power supply. This would generate about 200 liters of waste oil per annum to be disposed-off through authorized recycler.</p> <p>Solid waste generated – About 625 kgs./day to be treated after due segregation at source, separately for biodegradable and non-biodegradable wastes.</p>	<p>still being considered by the MoEF or has de-listed the same to be considered by the State Authority.</p> <p>b. It is kindly requested to ascertain the implementation of High Court Directives / decisions, as applicable in favour of Mundkars, if any, in respect of Writ Petition No. 297/2009.</p> <p>Goa-SEIAA has been communicated accordingly on 19th September 2011.</p> <p><u>Remarks: Considering the uncertainty of the Regulatory Authority (whether MoEF or Goa-SEIAA), the Goa-SEIAA may ascertain the status from the MoEF directly. As such, may like to keep the said proposal in abeyance / reserve until compliance from the MoEF or otherwise.</u></p>
--	--	--	--	--	---

				Environment Management Plan (EMP) has been prepared.	
--	--	--	--	--	--

3. Follow-up / further course of action on the proposal submitted by Goa-SEAC :-

1. Approval and sanction for sitting fees / remuneration for project scrutiny / T.A. (Rs. 2,000/- per member per project) to Goa-SEAC/ Goa-SEIAA Members per meet / site-inspection (Rs. 1,000/- per member per site inspected), as the case may be.
2. Modus-operandi to create awareness about the effective implementation of EIA Notifications, especially for building construction projects of built-up area exceeding 20,000 sq. mts., among the local developmental authorities (i.e. Village Panchayats, PDAs', Municipalities (including CCP), etc.,)

4. Any other matter with the prior permission of the Chairman, Goa-SEIAA.

END