

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 mm). California Bearing Ratio (CBR) of 6 is proposed for construction design. Retaining walls with weep holes with gravel</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 reconsideration 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>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. (Technical details of the proposed STP may please be furnished). Dry sludge to be used as manure for plants.</p>		
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			<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>		
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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 <i>(extracted from the project details submitted)</i>	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>RWH is proposed for both, as storage (02 tanks) as well as groundwater recharge (02</p>	<p>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.</p> <p>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.</p> <p>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)</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 independent decision in the matter based on observations</u></p>

			<p>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>hill-slope cutting (slope instability and disturbance to natural drainage).</p> <p>4. 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>5. The revised plan envisages construction of additional villas, which was believed to be not a part of original proposal, submitted earlier.</p>	<u>of the Goa-SEAC.</u>
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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 susheelahomes@gmail.com</p> <p>Ph. No. 0832-2511110 / 2512987</p> <p>Contact Person: Mr. Nilesh Salkar nilesh@salkar.in</p>	Expansion of Group Housing Project – “SEAWINDS”	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 of South Goa district.	<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>Permissible ground coverage – 6796.25 sq. mt. (40%) Proposed ground coverage – 4303 sq. mt. (25.32%) Existing – 3,803.11 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>However, the PP has been requested to obtain ‘Structural Stability Certificate’ from Competent Authority.</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>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. sets 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 disposed-off through vendors for recycling.</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>
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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 Mr. P. K. Mishra, Vice President,</p>	<p>Residential building 'Sattva Water's Edge' Revised plan to include - 1. Villas – 10 (G +</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 includes - (18,913.30 + 1,633.95 + 92 – club house area) + 347.17 (utilities) + 1,800 (podium)</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</p>

	<p>Ph.: 080-42690100 Fax.: 080-42699011 pkm@sattvagroup.in</p> <p>Environmental Consultant – M/s B. S. Envi-Tech. Pvt. Ltd., H'bad.</p>	<p>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>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 of 220 KVA to be installed as a back-up facility.</p> <p>Solid waste generated (residential-cum-floating) – 285</p>	<p>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>
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				<p>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, petervaz@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 wastewater generated, about 93.52 of treated water from the STP is proposed to be utilized for gardening and green-area development.</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 accordingly on 19th September 2011.</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><u>Remarks – The Authority may like to take a suitable independent decision in the matter based on observations of the Goa-SEAC</u></p>
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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 Alcobevz Pvt. Ltd., 100, Punola, Ucassaim, Bardez, Mapusa, Goa.</p> <p>Mr. Siddharth Bahkta, Managing Director, Tel no. 2261599 Fax no. 2261659 e-mail: distillation@phoenixalcobevz.com</p> <p>Pre-construction investigations (i.e. soil testing, hydrogeological status) is intended to be carried out by -</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.) (built-up area – 2,500 sq. mts.)</p> <p>b. Survey Nos. 299/1 (Part) and 301/0(Part) of Latambarcem</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. Construct 300 mts. length road from main road to the proposed plot. Creation of artificial pond (300 sq. mt.) 	<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 the inter-state boundary and submit documentary proof in support of the same. As General Conditions</p>

	<p>M/s Daftary Descon Engineering Pvt. Ltd., Velho Bldg., 2nd Floor, Near Municipal Garden, Panaji.</p>		<p>village of Bardez taluka, North Goa district.</p> <p>c. PP is outright owner of the plot.</p>	<p>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>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. Accordingly submit the conceptual layout plan of the proposed developmental activity.</p>
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					<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>
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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 Mr. Sunil Dixit, Associate Director, J. M. EnviroNet (P) Ltd.,</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>Sedimentological analysis of soil has been conducted.</p> <p>Manpower required during construction phase –max.</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 still being considered by the MoEF or has de-listed the same to be considered by the State Authority.</p>

	<p>1st & 2nd Floor, S. C. O., 16, Sector-10 A, Gurgaon (Haryana) Ph.: 0124-3206559 Mob.: 09971699906 jmenvirostudies@hotmail.com</p>		<p>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>Environment Management Plan (EMP) has been prepared.</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>
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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