

Minutes of the 133rd Meeting of the State Expert Appraisal Committee, constituted for considering Environmental Clearance of Projects (B category) under Government of India Notification dated 14.09.2006, held on 05th and 06th May, 2016 under the Chairmanship of Sh. G.R. Goyat, Chairman, SEAC at Panchkula.

List of participants is annexed as **Annexure-A**.

At the outset, the Chairman SEAC welcomed the Members. The minutes of the 132nd Meeting were discussed and approved with following modifications.

In agenda item No. 132.15 i.e. in the case of M/s Revital Reality Pvt. Ltd. at page number 54 in third paragraph wherein green area development was given as 24.33 % (i.e. 1, 01,247.36 Sq. Meters) which may be read as 32.878% (i.e. 123971.617 Sq. Meters).

It was further informed that in this meeting 18 number projects are to be taken up for scoping, appraisal and grading as per the agenda circulated and 12 cases are taken up as additional agenda item.

After preliminary discussion, the following projects were taken up on case-to-case basis:-

133.01 EC for modification/ expansion of Group Housing Project at Sector-4, Village Khaika, Tehsil Sohna, Gurgaon, Haryana by M/s Faith Buildtech Pvt. Ltd, C/o Ireo Pvt. Ltd.

The project was submitted to the SEIAA, Haryana on 05.01.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for approval of Terms of Reference in the 133rd meeting of the SEAC held on 05.05.2016.

The Project Proponent requested for adjournment and the same was discussed in the meeting. The Committee acceded to the request and decided to issue 30 days notice to the PP. Accordingly the notice will be issued by the Secretary, SEAC to the Project Proponent.

133.02 Environment Clearance for proposed River Bed Minor Mineral Mining Project "Mandlai 1 Block/Panchkula B 21" Village-Mandlai, Tehsil-Raipur Rani, District-Panchkula, Haryana area 13.20 Ha. by M/s Shri Ranbir Singh S/o Sh. Mohinder Singh

Project Proponent : Sh. Ranbir Singh
Consultant : ENVIRTA Sustainable

The project was submitted to the SEIAA, Haryana on 23.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

After detailed discussions, the following shortcomings were observed:

1. The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim.
2. The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
3. The PP should submit revised CSR plan and revised Environment Management Plan.
4. The PP should submit disaster management plan.
5. The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
6. The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
7. The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
8. The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
9. The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.

The project proponent had undertaken to submit compliance of above points within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 31.05.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 31.05.2016. It was also made clear to

the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 31.05.2016.

133.03 Environment Clearance for proposed Boulder, Gravel and Sand Minor Mineral, at Village-Gorakhnath, Tehsil & District- Panchkula, State Haryana area 12.94 Ha. by M/s Shri Nasib Singh

Project Proponent : Sh. Nasib Singh
Consultant : ENVIRTA Sustainable

The project was submitted to the SEIAA, Haryana on 23.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [10] The PP should submit revised clearance from forest department for non applicability of forest area in Khasra number 28 min or should submit an affidavit that they will not do mining in Khasra number 28 min.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 31.05.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 31.05.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 31.05.2016.

133.04 Environment Clearance for proposed Boulder, Gravel and Sand Minor Mineral, at Village – Kiratpur and Paploha, Tehsil – Kalka & District – Panchkula, State Haryana area 13.40 Ha. by M/s Barwala Royalty Company

Project Proponent : Sh. Kushal Kumar
Consultant : ENVIRTA Sustainable

The project was submitted to the SEIAA, Haryana on 23.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.

- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 31.05.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 31.05.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 31.05.2016.

133.05 Environment Clearance for “NBCC Group Housing Complex” On MCF Land Plot No. 3, in the revenue Estate of Village Sarai Khawaja at Sector-41, Faridabad, Haryana by M/s National Building Construction Corporation Ltd.

Project Proponent : Sh. M.S. Mehra, AGM
Consultant : Perfect Enviro Solutions Pvt. Ltd.

The project was submitted to the SEIAA, Haryana on 28.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 134th meeting to be held on 30.05.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

133.06 Environment Clearance for “Ware House” at Village-Lowa Khurd, Distt. Jhajjar, Haryana by M/s Relaxo Footwears Ltd.

Project Proponent : Sh. Deepak
Consultant : Perfect Enviro Solutions Pvt. Ltd.

The project was submitted to the SEIAA, Haryana on 28.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

After detailed discussions, following shortcomings were observed:

1. The PP should submit landscape plan (Green area, Avenue Plantation, Organised green) indicating minimum area of 20% of the project area. Following details of green belt should be given:
 - a) Width, length and area to be covered;
 - b) Number of rows of trees to be planted; and
 - c) Tree species required to be planted and spacing to be maintained between them depending on the local climate and site conditions.
2. The PP should submit detailed area statement with respect to built up area and remaining area to be built up in scaled map on different colors alongwith an affidavit from the Director.
3. The PP should submit source of water during operation phase.
4. The PP should submit ground water site specific hydrogeological details alongwith detail design and recharge capacity of recharge pit and should submit Rain water harvesting maintenance plan.
5. The PP should submit contour sheet of the area.
6. The PP should submit revised STP design.
7. The PP should submit mitigation plan due to movement of vehicles.
8. The PP should submit revised proposal of CSR.

The PP is advised to submit the required information as detailed above within 30 days and it was made clear to the PP that his project will be considered as received only after the receipt of complete information. In case of non-receipt of information in time, the case shall be recommended for rejection/ filing.

133.07 Environment Clearance for Group Housing Project "Raheja Maheswara" at Sector-11 & 14 Sohna Gurgaon Haryana by M/s Raheja Developers Limited.

Project Proponent : Mr. Sajal Gupta

Consultant : Yes Enviro

The project was submitted to the SEIAA, Haryana on 28.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

During discussion, it was noticed that the some of the documents circulated by the PP to the members are not matching with Project details. The PP requested for deferment of their case for 06.05.2016, which was considered and accepted by the committee with the condition that they will circulate the complete and correct documents to all the members. The PP neither circulated the documents nor attended the meeting on the next day.

The PP is advised to submit the required information as detailed above within 30 days and it was made clear to the PP that his project will be considered as received only after the receipt of complete information. In case of non-receipt of information in time, the case shall be recommended for rejection/ filing.

133.08 Extension of Validity Period & Amendment of Environmental Clearance for Construction of Commercial Complex Cum Hotel Project at Village-Hyderpur Viran & Wazirabad, Sector-53, Gurgaon, Haryana by M/s Monika Infrastructure Pvt. Ltd.

Project Proponent : Sh. Madhup Johri

Consultant : Ind Tech House Consult

The project was submitted to the SEIAA, Haryana on 28.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. G.R. Goyat, Chairman, SEAC
2. Dr. S. N. Mishra, Member, SEAC
3. Sh. S.C. Mann, Member, SEAC (Coordinator)

Sh. S.C. Mann, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.09 Environment Clearance for "Bir Tapu YNR B-07 Sand Mine (Minor Mineral)" at Village –Birtapu, Tehsil –Jagadhari, District-Yamuna Nagar, Haryana of area 14.45 Ha. by M/s Routes & Journeys

Project Proponent : Sh. Iqbal Khan

Consultant : MANTEC

The project was submitted to the SEIAA, Haryana on 31.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 05.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.

- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [10] The PP should submit revised clearance from forest department for non applicability of forest area in Khasra number 17/25 of village Birtapu or should submit an affidavit that they will not do mining in Khasra number 17/25 of village Birtapu.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 31.05.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 31.05.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 31.05.2016.

133.10 Environment Clearance for proposed River Sand (Minor Mineral) Mining Project for River Yamuna in "South Block/YRN B17"(21,88,008 TPA), ML area 49.67 Ha Village-Gumthala, Tehsil-Jagadri District-Yamuna Nagar, Haryana M/s Elite Mining Corporation.

Project Proponent : Sh. Ishwar Sharma
Consultant : Overseas Min Tech

The project was submitted to the SEIAA, Haryana on 31.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for approval of Terms of Reference in the 133rd meeting of the SEAC held on 05.05.2016.

The project proponent presented the case for proposed ToRs. The PP is directed to prepare the EIA by incorporating the following ToR:

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification, 1994 came into force w.r.t. the highest production achieved prior to 1994.
2. A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
3. All documents including approved Mining Plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management and mining technology and should be in the name of the lessee.
4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery /toposheet should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone). Lease area should be precisely marked in survey of India Topo-sheet of 1:50000.
5. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order to the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may be given. The system of reporting of non-compliances/ violations of environmental norms to be Board of Director of the Company and /or shareholders or stakeholders at large may also be detailed in the EIA report.
6. Issues relating to Systematic Mine Development, Mine Safety and Stability in case of open cast working, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be mentioned. Daily explosive consumption and its legitimate storage are to be assessed. Adequate mitigating measures based on scientific studies in respect of blast induced ground vibration flying fragment and air blast are to be taken alongwith requisite precaution.
7. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine/lease period.
8. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park,, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass

- preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
9. Mineral resources and reserve in terms of UNFC are to be given duly supported by adequate representative plans and sections. Ultimately mineable limit should also be marked over geological plan and sector. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
 10. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committee.
 11. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicate. A copy of the forestry clearance should also be furnished.
 12. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated. Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
 13. The vegetation in the RF/PF area in the study area, with necessary details, should be given.
 14. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly detailed mitigative, measures required, should be worked out with cost implications and submitted.
 15. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves/lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained form the State Wildlife Department/Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 16. A detailed biological study of the study area (core zone and buffer zone (10km radius of the periphery of the mine lease) shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-1 fauna found in the study area, the necessary pian for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
 17. Proximity to Areas declared a Critically Polluted or the Project areas likely to come under the 'Aravali Range' (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Dept. should be secured and furnished to the effect that the proposed mining activities could be considered.
 18. R&R Plan/ compensation details for the Project Affected People(PAP) should be furnished. While preparing the R&R Pian, the relevant State/ National Rehabilitation & Resettlement Policy should be kept in view in respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village located in the mine lease area will be shifted or not. The issues relating to shifting of village including their R & R and socio-economic aspects should be discussed in the report.
 19. One season (non-monsoon) primary baseline data on ambient air quality (PM10, SO2 and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring stations within 500 meters of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
 20. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on the location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses shown pre-dominant wind direction may also be indicated on the map. This should also be complied with if the excavated material is stacked outside the mining lease area.
 21. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 22. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
24. Impact of the project on the water quality, both surface and groundwater should be assessed and necessary safeguard measures, if any required, should be provided.
25. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. Necessary permission from /central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
26. Details of any stream, seasonal or otherwise, passing through the lease area and modification/ diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
27. Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same with detailed filed investigation.
28. A time bound Progressive Greenbelt Development plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the project.
29. Impact on local transport infrastructure due to the Project should be indicated .Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) Should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered.
30. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA report.
31. Conceptual Mining Plan post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
32. A time bound Progressive Mine Closure Plan shall be prepared in a tabular from (indicating the linear and quantitative coverage plant species and time frame) and submitted. Keeping in mind, the same will have to be executed up front on commencement of the project. Phase-wise plan of restoration of land degraded by mining and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
33. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP.
34. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
35. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. AS far as possible, quantitative dimensions may be given with time frames for implementation.
36. Detailed environmental management plan to mitigate the environmental impacts which should inter-alia include the impacts of change of land use, loss agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
37. Public hearing points raised and commitment of the project proponent on the same along with time bound action plan to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
38. Details of litigation pending against the project, if any, with direction/order passed by any Court of law against the project should be given.
39. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
40. Details of Transportation of mined out materials as per the Indian Road Congress for both the ways (loaded as well unloaded trucks) load and its impact on Environment.
41. Details of excavation schedule & sequential mining plan to be indicated including depth of mining on year to year basis in terms of MSL.
42. River bed mining proposal should be in consonance with the sand mining guide line given by Ministry of Environment & forest of Climate Change of Govt. of India. Annual excavation proposed should never exceed the replenishment rate.
43. The base line data shall be collected so as to represent the whole mine lease area.
44. Letter from the State Govt. of Forests Department that the Mining Lease Area (MLA) does not fall under forests land category and Aravali Plantation.
45. Details of continuous monitoring stations for Ambient Air Monitoring to be carried out in each block in the core zone area.
46. Disaster management Plan.

47. Project Proponent shall furnish all the analysis/testing reports of water, air, soil, noise etc. using the MoEF/NABL accredited laboratories. All the original analysis/testing reports should be made available during appraisal of the project.
48. Details of outcome of the court case in CWP No. 27700 of 2013 before the Hon'ble High Court of Punjab & Haryana as mentioned in the Lol letter issued by the Mines & Geology Department of State Govt. of Haryana.
49. Impact of all existing mines on the present land use in the study area.
50. Details of other Associated minor minerals need to provided.
1. **Besides the above, the below mentioned points are also be followed:**
 - a) All documents to be properly referenced with index and continuous page numbering.
 - b) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - c) Project proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF & CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the project.
 - d) Where the documents provided are in a language other than English, an English translation should be provided.
 - e) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - f) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - g) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - h) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.05.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Officer of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - i) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
2. The prescribed TORs would be valid for a period of two years for submission of the EIA/EMP reports, as per the O.M. No. J-11013/41/2006-IA.II(I) dated 22.03.2010.
3. After preparing the draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006.
4. Detail calculation of water requirement for various purposes with permissions.
5. Permission of Competent Authority (DGMS) regarding mine safety.
6. Impact of vibration due to use of explosive on surround area alongwith mitigating measures.
7. No mining activity shall be conducted within 500 meters from any hydraulic structure, bridges, pumping station etc.
8. Impact of movement of transportation for carrying mined material on Ambient Air and surrounding area including traffic congestion on roads.
9. No mining activity shall be conducted within 250 meters from outer periphery of major district roads, national highway, state highway and defined village abadi.
10. Impact on Ambient Air and mitigative measures for the same alongwith appropriate plan.
11. Plan for controlling water pollution especially from domestic effluent.
12. Rain water harvesting proposal to be given in detail.
13. Replenishment study report in case of river sand gavel mining proposal.
14. Mining activity shall not change course of river/canal/other water bodies.
15. NOC from forest department for project site.
16. The PP shall comply with all guidelines of MOEF & CC and any orders passed by Hon'ble Supreme Court/High Court/ NGT.
17. NOC from wildlife.
18. Permission from Irrigation Department for sand mining from river /canal bed and bund area.
19. Width of Bench shall never be less than bench height.

20. No mechanized mining shall be done in river bed in view of orders of Hon'ble NGT. No mining shall be done in river bed during monsoon period.
21. PP shall not exceed the production of mineral than the production figures mentioned in approved mining plan.
22. Replenishment and drainage study from the reputed institution.
23. Impact of mining activity on adjacent agricultural land with particular reference to run off, soil erosion and loss of top soil due to change in topography.
24. Details of Transportation of mined out materials as per the Indian Road Congress for both the ways (loaded as well as unloaded trucks) load and its impact on Environment.
25. Impact of all existing mining on the present land use in the study area.
26. The PP should submit compliance of all the conditions of Letter of Intent issued by the Mines and Geology Department Haryana.
27. Details of excavation schedule & sequential mining plan.

Project proponent further stated that they are already generating data from December, 2015 to February, 2016 and requested to utilize the baseline data. The Committee after detailed deliberations directed to project proponent to incorporate the baseline data in the EIA Reported generated from December, 2015 onwards and will also collect one month data for the month of May, 2016.

The PP will submit Environment Impact Assessment Report by incorporating the Terms of References (ToR) as approved by the Committee within a time schedule in compliance of EIA Notification dated 14.09.2006. It was also decided that their project will be considered as received only after receipt of complete information.

133.10(S1) EC for construction of "Affordable Group Housing Colony" project at Village Dhankot, Gurgaon, Haryana by M/s Suncity Projects Pvt. Ltd.

Project Proponent : Sh. S.C. Jain
Consultant : Perfect Enviro Solutions Pvt. Ltd.

The project was submitted to the SEIAA, Haryana on 16.11.2015. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up in the 130th meeting of the SEAC held on 29.03.2016.

After detailed discussions, the following shortcomings were concluded:

1. The PP should submit an affidavit by a Director of the Company giving latest status of construction and also submit an undertaking that they will use ultra low sulphur fuel in DG Sets.
2. The PP should submit detailed design calculations of STP alongwith dimension of each component and also submit unit wise reduction of BOD for STP.
3. The PP should submit disposal plan of MSW Biodegradable waste.
4. The PP should submit the detail Rain Water Harvesting proposal as per site condition for zero runoff discharge and Rain Water Harvesting Pit maintenance plan and should also submit revised fresh water requirement and water balance diagram.
5. The PP should submit detailed site plan showing surface parking and area breakup of green area, paved area, roads and ground coverage.

The observations of 130th meeting were conveyed to the project proponent vide letter No. 829 dated 08.04.2016. The PP submitted the reply vide letter dated 12.04.2016.

During the process of the 132nd meeting Sh. S.C. Jain, representative on behalf of M/s Suncity Projects Pvt. Ltd appeared in person and made submissions before the Committee that they have complied with all the observations raised in the 130th Meeting of the SEAC and requested for taking up their case as additional agenda item. The Committee after detailed deliberations decided that their case cannot be taken up in this meeting and can be taken up in the next meeting i.e. 133rd meeting to be held on 05th and 06th May, 2016.

Thereafter, the case was taken up in the 133rd meeting of the SEAC held on 05.05.2016.

During presentation, the committee was informed that it is a proposed Affordable Group Housing Colony. The estimated cost of the project is Rs. 60 Crores. Total Plot area of the project is 20,234.25 Sqm (5.0 Acre). Net plot area is 19424.88 sqm (4.8 Acres). Total Built up area will be approx. 53,420.4 Sqm. The Project will comprise of Dwelling Units, Anganwadi cum Crèche, Commercial & Community Hall. The height of the building will be 38.8 meters. It is also informed that the green belt development area has been proposed as 20.21 % (i.e.

4088.66 sq m app.) of the Plot area, out of which green belt is 6.98 % (1411.52 sqm) and area for plantation in the form of peripheral green will be 1.54% (312.55 sqm), 8.75 % (1770.74 sqm) as lawn area and 2.94 % (593.84 sqm) as Avenue plantation. The total water requirement for the project will be 564 KLD (i.e. 366 KLD of fresh water & 198 KLD of recycled treated water). The waste water generation will be 456 KLD which will be treated in STP having of capacity of 550 KLD based on SAFF technology. The STP treated water will be reused for Flushing, Gardening and Misc. purposes.

The Air quality data in respect of PM₁₀ and PM_{2.5} parameters ranges approximately from 120.3-150.9 µg/m³ and 71.4-82.6 µg/m³ respectively. Incremental air pollution in respect of PM₁₀ is 0.404 µg/m³. PP has submitted special mitigation measures for controlling air pollution for construction phase and operation phase which include 5-meter-high barricade wall at the periphery, broad leafy trees would be planted as green belt, trees with heavy foliage would be planted on both sides of carriage way, ultra-low Sulphur Diesel (0.025 ppm) would be used as fuel in DG Sets, Stack height of DG set would be as per CPCB norms. These measures would minimize the impact on air environment.

It was informed by the project proponent that the power requirement for the project will be 4.6 MVA and for power back up they will install DG sets of 1X 180 KVA & 1 X 200 KVA. Parking requirement for the project is 380 ECS but the proposed parking provision will be of 466 ECS. Fire and safety plan as per the National Building Code 2005 will be provided. There will be total solid waste generation of 1795 Kg/day during operational phase. Out of this, quantity of bio-degradable waste is 1257 KG will be processed through Organic Waste Converter(02) before composting in the project premises and the manure produced will be used for horticulture and green development. It was pointed out that the required water for the project will be provided through the HUDA Municipal Supply.

Detailed discussions were held about Solid Waste Management. Rainwater harvesting, fire fighting plan, noise and vibration plan, health and welfare plan of the laborers, electrical hazards plan and Environment monitoring plan. There will be 5 no. of rain water harvesting pits as approved by the Central Ground Water Authority(CGWA). The mitigation measures were found in order by the committee.

After deliberations the Committee rated this project with **“Gold Rating”** and was of the unanimous view that this case for granting Environmental Clearance under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India should be recommended to the SEIAA with the following stipulations:

PART A-

SPECIFIC CONDITIONS:-

Construction Phase:-

- [1]** “Consent for Establish” shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.
- [2]** A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3]** Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labourers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- [4]** All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
- [5]** The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6]** Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [7]** The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.

- [8] The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- [9] Ambient noise levels shall conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/MoEF.
- [10] Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2003.
- [11] Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.
- [12] Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices.
- [13] In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/ utility provider indicating source of water supply and quantity of water with details of intended use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.
- [14] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [15] Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- [16] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.
- [17] Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh.
- [18] The Project Proponent as stated in the proposal shall construct total 10 rain water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.
- [19] The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/ Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.
- [20] The Project Proponent shall obtain assurance from the DHBVN for supply of 7084.82 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.
- [21] Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.
- [22] The Project Proponent shall not raise any construction in the natural land depression / Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.
- [23] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [24] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [25] The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.
- [26] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [27] The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.
- [28] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [29] The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.

- [30] The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.
- [31] The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.
- [32] The project proponent shall develop complete civic infrastructure of the Group Housing colony including internal roads, green belt development, sewerage line, Rain Water recharge arrangements, Storm water drainage system, Solid waste management site and provision for treatment of bio-degradable waste, STP, water supply line, dual plumbing line, electric supply lines etc. and shall offer possession of the units/flats thereafter.
- [33] The project proponent shall provide one refuge area till 24 meter and one till 39 meter each, as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.
- [34] The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- [35] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.
- [36] The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.
- [37] The project proponent shall submit the copy of fire safety plan duly approved by Fire Department before the start of construction.
- [38] The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction.
- [39] The project proponent shall maintain the distance between STP and water supply line.
- [40] The project proponent shall ensure that the stack height is 6 meter more than the highest tower.
- [41] The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.

Operational Phase:

- [a] "Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.
- [b] The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of CPCB/ HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STPs preferably equivalent to 50% of total capacity or as per the initial occupancy as the case may be.
- [c] Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc. to achieve zero exit discharge.
- [d] For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.
- [e] Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the open as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.
- [f] Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed Affordable Group Housing Project.
- [g] The project proponent as stated in the proposal should maintain at least 20.10% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.
- [h] The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.
- [i] Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5

mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.

- [j]** The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- [k]** A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in three months time.
- [l]** Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.
- [m]** The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide Halon free fire suppression system.
- [n]** The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2016 and as amended from time to time. The bio-degradable waste should be treated by appropriate technology (proposed OWC) at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- [o]** The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.
- [p]** The traffic plan and the parking plan proposed by the Project Proponent should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used.
- [q]** The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.
- [r]** Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.
- [s]** Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler / recycler.
- [t]** Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- [u]** Water supply shall be metered among different users and different utilities.
- [v]** The project proponent shall ensure that the of DG sets is more than the highest tower and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.
- [w]** All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.
- [x]** The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (CoP), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.
- [y]** The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.
- [z]** The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.
- [aa]** The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.
- [ab]** The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.
- [ac]** The project proponent shall ensure drinking/ domestic water supply as per prescribed standards till treated water supply is made available by HUDA.
- [ad]** The project proponent shall install solar panel for energy conservation.

PART-B. GENERAL CONDITIONS:

- [i]** The Project Proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.
- [ii]** The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MoEF, the respective Zonal Office of CPCB, HSPCB and SEIAA Haryana.
- [iii]** STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.
- [iv]** The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.
- [v]** The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.
- [vi]** All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.
- [vii]** The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.
- [viii]** Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started before obtaining prior Environmental Clearance.
- [ix]** Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- [x]** The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.
- [xi]** The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MOEF GOI under rules prescribed for Environment Audit.
- [xii]** The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.
- [xiii]** The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.
- [xiv]** The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent.
- [xv]** The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.
- [xvi]** Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLU has been granted by the Town & Country Planning Department, Haryana.
- [xvii]** The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM_{2.5}, PM₁₀, SO_x, NO_x, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- [xviii]** The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the HSPCB Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

- [xix] The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.
- [xx] Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.

133.11 Environment Clearance for "Extraction of Dolomite and Beryte, along with associated minor mineral (Road Metal & Mahendergarh, Haryana of area 4.80 Ha. by M/s Xandy Mines & Minerals

Project Proponent : Sh. Ashwani Khurana

Consultant: Mantech

The project was submitted to the SEIAA, Haryana on 31.03.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC. The case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit contour sheet of the area.
- [4] The PP should submit detailed rain water harvesting plan for lease area.
- [5] The PP should submit the detail calculation of water requirement for various uses.
- [6] The PP should submit plan for green area development.
- [7] The PP should submit revise CSR plan.
- [8] The PP should submit monitoring data of ambient air, water quality and noise monitoring data.
- [9] The PP should submit clarification regarding non applicability of provisions of EIA Notification as per condition No. 5 of LOI.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 31.05.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 31.05.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 31.05.2016.

133.12 Environmental Clearance for the proposed expansion of project "Residential Plotted Colony:, Sector-11 & 14, Village Sohna & Raipur, District Gurgaon by M/s Raheja Developers

The project proponent submitted the case for obtaining Environmental Clearance to the SEIAA, Haryana on 17.10.2014. The papers submitted were examined and certain shortcomings were noticed and conveyed to the PP vide letter No. 1762 dated 31.10.2014. The PP submitted reply to the shortcomings on 21.10.2010. The case could not be taken up in the SEAC as the term of SEIAA/SEAC was elapsed on 21.03.2015. Therefore, the case was transferred to Ministry of Environment and Forest, Government of India in the month of March, 2015. This case could not taken up by the MoEF and was again transferred to SEIAA on 31.08.2015 after the reconstitution of SEIAA/SEAC on 21.08.2015.

Thereafter the case was taken up for appraisal in the 120th meeting of the SEAC held on 06.11.2015. The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the next meeting to be held on 19.11.2015. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC. Thereafter the case was taken up for appraisal in the 121st meeting of the SEAC held on 19.11.2015.

After detailed discussions, the following shortcomings were concluded:

1. The PP should submit the assurance of the supply of the water during construction phase from safe area through tankers and permission from CGWA for using the ground water of the existing borewell including permission from HUDA for supply of water during operation Phase with detailed clarification from HUDA regarding availability of water in the area.
2. The PP should submit assurance from Electricity Department.
3. The PP should submit contour map of surrounding area.
4. The PP should submit 500 meter radius google image.
5. The PP should submit an affidavit by a Director of the Company giving latest status of construction and also submit an undertaking that they will use ultra low sulphur fuel in DG Sets.
6. The PP should submit detailed design calculations of STP alongwith dimension of each component and also submit unit wise reduction of BOD for STP.
7. The PP should submit disposal plan of MSW Biodegradable waste.
8. The PP should submit details of incremental pollution load alongwith mitigation measures.
9. The PP should submit layout plan of site with respect to sun path & optimized solar access & wind pattern.
10. The PP should submit surface parking plan along with details of parking space provided & traffic movement pattern.
11. The PP should submit site specific hydrological details along with recharge proposal, infiltration rate of recharge pit and Rain Water Harvesting structure maintenance plan.
12. The PP should submit revised design of recharge pit and de-siltation tank location of Rain Water Harvesting pits on the site plan. The earmarked space for STP should be away from the location of the rain water harvesting and the same should also be earmarked on the plan.
13. The PP should submit detailed green belt plan viz:
 - (a) Width, length and area to be covered under the green belt;
 - (b) Number of rows of trees to be planted; and
 - (c) Tree species required to be planted and spacing to be maintained between them depending on the local climate and site conditions.

The observations of 121st meeting were conveyed to the project proponent vide letter No. 304 dated 01.12.2015. The PP submitted the reply to the observations raised in the 121st meeting vide letter dated 11.04.2016. Thereafter the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

The Project Proponent requested for adjournment and the same was discussed in the meeting. The Committee acceded to the request and decided to issue 30 days notice to the PP. Accordingly the notice will be issued by the Secretary, SEAC to the Project Proponent.

133.13 Environmental Clearance for construction of Residential Plotted Colony measuring 104.54375 acres at Village Riwazpur, Bhupani and Tikawali, Sector 88 & 89, Faridabad, Haryana by M/s Fantabulous Town Planners Pvt. Ltd.

Project Proponent : Sh. Sushil Kumar, CEO

Consultant : Grass Roots Research and Creation India Pvt. Ltd.

The project proponent submitted the case for obtaining Environmental Clearance to the SEIAA, Haryana on 15.01.2015 as per check list approved by the SEIAA/SEAC. The case could not be taken up in the SEAC as the term of SEIAA/SEAC was elapsed on 21.03.2015. Therefore, the case was transferred to Ministry of Environment and Forest, Government of India in the month of March, 2015. This case could not taken up by the MoEF and was again transferred to SEIAA on 31.08.2015 after the reconstitution of SEIAA/SEAC on 21.08.2015.

The Terms of Reference were approved in the 120th meeting of the SEAC held on 18.11.2015 and conveyed to the project proponent vide letter No. 192 dated 16.11.2015. The PP submitted the EIA/EMP report on dated 21.12.2015. Thereafter the case was taken up in the 130th meeting of the SEAC held on 30.03.2016.

After detailed discussions, the following shortcomings were concluded:

1. The PP should submit detailed design calculations of STP and ETP alongwith dimension of each component and also submit unit wise reduction of BOD for STP/ETP.
2. The Chhainsa Canal is passing through the project. As per papers submitted by the PP flow of the canal appears to have been obstructed. The PP will obtain permission from the Irrigation Department and should submit an affidavit that they will not add any pollutant in Chhainsa Canal and its natural flow should be maintained.
3. The PP should submit preventive measures from odour problem from Chhainsa Canal.

The observations of 130th meeting were conveyed to the project proponent vide letter No. 832 dated 08.04.2016. The PP submitted the reply vide letter dated 11.04.2016.

During presentation, the Committee was informed that it is a Residential Plotted Colony at Village Riwazpur, Bhupani & Tikawali, Sector-88 & 89, Faridabad, Haryana. The estimated cost of the project is Rs. 350 crores. Total Plot area is 100.325 Acres (4,06,000.87 Sq. Meters). Total built up area will be approximately 2,81,445.16 Sq. Meters. The project will comprise of Residential Plots (General, EWS and NPNL), Nursery & Primary Schools, Nursing Home, Commercial Complex, Religious Centre and Community Centre. The maximum height of the building is approx. 13 meters. It was also informed that the green area development has been kept as 30.00% (i.e. 1,13,542.65 Sq. Meter approximately) of the total plot area. The total water requirement for the project will be 1858 KLD (Pocket A+ Pocket B+ Pocket C+ Pocket D+ Pocket E+ Pocket F+ Pocket G) =(223+444+948 (c,d,e,f,g)) (i.e. 1049 KLD (Pocket A+ Pocket B+ Pocket C+ Pocket D+ Pocket E+ Pocket F+ Pocket G) of fresh water. The waste water generation will be 1288 KLD which will be treated upto tertiary level in 3 STP's of (170 KLD, 450 KLD & 1350 KLD capacity) Total 1970 KLD and 1 ETP of 15 KLD of capacity .The STP treated water will be used for flushing and horticulture.

The Air quality data shows exceeding baseline in respect of PM₁₀ and PM_{2.5} parameters which ranges approximately from 178.6-197.7 µg/m³ and 87.2-101.1 µg/m³ respectively. Incremental air pollution in respect of NO₂ is 20.75 g/s. PP has submitted special mitigative measures for controlling air pollution for construction phase and operation phase which includes 5 meters high barricade wall at the periphery, broad leafy trees would be planted as green belt, trees with heavy foliage would be planted on both side of carriage way, ultra-low sulphur Diesel (0.005%) would be used as fuel in DG Sets, Stack height of DG set would be as per CPCB norms. These measures would minimize the impact on air environment.

It was informed by the project proponent that the power requirement for the project will be 20,827.56 kVA. Parking requirement for the project as per Haryana Bye Laws is 361 ECS but the parking proposed to be provided in the project is 433 ECS. There will be total solid waste generation of 6163 Kg/day during operational phase. Out of this, quantity of bio-degradable waste will be processed through Organic Waste Convertor before composting in the project premises and the manure produced will be used for horticulture and green development. The calculations of the same are in accordance with the prescribed norms. It was pointed out that the required water for the project will be provided through HUDA Municipal supply.

Detailed discussions were held about Solid Waste Management, rain water harvesting, fire fighting plan, noise and vibration plan, health and welfare of the laborers, electrical hazard plan, environment monitoring plan, energy conservation measures and environment management plan. There will be 23 numbers of rain water harvesting structures as approved by the Central Ground Water Authority (CGWA). The mitigation measures were found in order by the Committee.

The area details are as under:

PLOT AREA BRAEK-UP				
S.NO.	DESCRIPTION	ACRES	SQM	%
1	Total plot area	100.325	4,06,000.87	<u>100</u>
2	Net Planned area	93.529	3,78,486.29	100
3	Ground coverage	54.339	219902.12	58.1
	Area under Residential plots	48.702	1,97,090	52.07
	Area under Commercial	2.017	8162.50	2.16
	Area under Community Facilities	3.62	14,649.62	3.87
4	Landscape area	28.05	1,13,542.65	30
5	Parking	2.68	10,825	2.86
6	Road area	8.46	34,216.52	9.04

After deliberations the Committee rated this project with **“Gold Rating”** and was of the unanimous view that this case for granting Environmental Clearance under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India should be recommended to the SEIAA with the following stipulations:

PART A-**SPECIFIC CONDITIONS:-****Construction Phase:-**

- [1] "Consent for Establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.
- [2] A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3] Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the laboures is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- [4] All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
- [5] The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6] Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [7] The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- [8] The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- [9] Ambient noise levels shall conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/MoEF.
- [10] Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2003.
- [11] Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.
- [12] Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices.
- [13] In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/ utility provider indicating source of water supply and quantity of water with details of intended use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.
- [14] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [15] Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- [16] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.
- [17] Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh.
- [18] The Project Proponent as stated in the proposal shall construct total 10 rain water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.
- [19] The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.
- [20] The Project Proponent shall obtain assurance from the DHBVN for supply of 7084.82 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.

- [21] Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.
- [22] The Project Proponent shall not raise any construction in the natural land depression / Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.
- [23] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [24] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [25] The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.
- [26] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [27] The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.
- [28] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [29] The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.
- [30] The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.
- [31] The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.
- [32] The project proponent shall develop complete civic infrastructure of the Group Housing colony including internal roads, green belt development, sewerage line, Rain Water recharge arrangements, Storm water drainage system, Solid waste management site and provision for treatment of bio-degradable waste, STP, water supply line, dual plumbing line, electric supply lines etc. and shall offer possession of the units/flats thereafter.
- [33] The project proponent shall provide one refuge area till 24 meter and one till 39 meter each, as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.
- [34] The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- [35] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.
- [36] The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.
- [37] The project proponent shall submit the copy of fire safety plan duly approved by Fire Department before the start of construction.
- [38] The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction.
- [39] The project proponent shall maintain the distance between STP and water supply line.
- [40] The project proponent shall ensure that the stack height is 6 meter more than the highest tower.
- [41] The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.

Operational Phase:

- [a] "Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.
- [b] The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of CPCB/ HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STPs preferably equivalent to 50% of total capacity or as per the initial occupancy as the case may be.
- [c] Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc. to achieve zero exit discharge.
- [d] For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.

- [e]** Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the open as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.
- [f]** Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed Affordable Group Housing Project.
- [g]** The project proponent as stated in the proposal should maintain at least 20.10% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.
- [h]** The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.
- [i]** Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.
- [j]** The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- [k]** A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in three months time.
- [l]** Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.
- [m]** The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide Halon free fire suppression system.
- [n]** The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2016 and as amended from time to time. The bio-degradable waste should be treated by appropriate technology (proposed OWC) at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- [o]** The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.
- [p]** The traffic plan and the parking plan proposed by the Project Proponent should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used.
- [q]** The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.
- [r]** Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.
- [s]** Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler / recycler.
- [t]** Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- [u]** Water supply shall be metered among different users and different utilities.
- [v]** The project proponent shall ensure that the of DG sets is more than the highest tower and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.
- [w]** All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.
- [x]** The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (CoP), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.

- [y] The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.
- [z] The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.
- [aa] The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.
- [ab] The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.
- [ac] The project proponent shall ensure drinking/ domestic water supply as per prescribed standards till treated water supply is made available by HUDA.
- [ad] The project proponent shall install solar panel for energy conservation.

PART-B. GENERAL CONDITIONS:

- [i] The Project Proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.
- [ii] The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MoEF, the respective Zonal Office of CPCB, HSPCB and SEIAA Haryana.
- [iii] STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.
- [iv] The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.
- [v] The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.
- [vi] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.
- [vii] The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.
- [viii] Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started before obtaining prior Environmental Clearance.
- [ix] Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- [x] The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.
- [xi] The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MOEF GOI under rules prescribed for Environment Audit.
- [xii] The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.
- [xiii] The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.
- [xiv] The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent.
- [xv] The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.
- [xvi] Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLU has been granted by the Town & Country Planning Department, Haryana.
- [xvii] The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels

namely; PM_{2.5}, PM₁₀, SO_x, NO_x, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- [xviii] The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the HSPCB Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- [xix] The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.
- [xx] Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.

133.14 Extension from renewal of Environment Clearance for “Centra One” Commercial Project at Sector-61, Gurgaon, Haryana by M/s Countrywide Promoters Pvt. Ltd..

Project Proponent : Sh. Rajiv Gupta, Senior Vice President

The project was submitted to the SEIAA, Haryana on 03.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up for appraisal in the 131st meeting of the SEAC held on 07.04.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 133rd meeting of the SEAC to be held on 06th May, 2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

Thereafter, the case was taken up for appraisal on 06.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. G.R. Goyat, Chairman, SEAC
2. Sh. A.K. Bhatia, Member, SEAC(Coordinator)
3. Sh. S.C. Mann, Member, SEAC

Sh. A.K. Bhatia, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.15 Extension from renewal of Environment Clearance for “Princess Park” Group Housing at Sector-86, Faridabad, Haryana by M/s Countrywide Promoters Pvt. Ltd..

Project Proponent : Sh. Rajiv Gupta, Senior Vice President

The project was submitted to the SEIAA, Haryana on 03.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up for appraisal in the 131st meeting of the SEAC held on 07.04.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 133rd

meeting of the SEAC to be held on 06th May, 2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

Thereafter, the case was taken up for appraisal on 06.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. R.K. Sapra, Member, SEAC
2. Sh. Hitender Singh, Member, SEAC(Coordinator)
3. Sh. S.N. Mishra, Member, SEAC

Sh. Hitender Singh, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.16 Extension from renewal of Environment Clearance for “Freedom Park Life” Group Housing at Sector-57, Gurgaon, Haryana by M/s Countrywide Promoters Pvt. Ltd..

Project Proponent : Sh. Rajiv Gupta, Senior Vice President

The project was submitted to the SEIAA, Haryana on 03.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up for appraisal in the 131st meeting of the SEAC held on 07.04.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 133rd meeting of the SEAC to be held on 06th May, 2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

Thereafter, the case was taken up for appraisal on 06.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. G.R. Goyat, Chairman, SEAC
2. Sh. A.K. Bhatia, Member, SEAC(Coordinator)
3. Sh. S.C. Mann, Member, SEAC

Sh. A.K. Bhatia, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.17 Extension from renewal of Environment Clearance for “Cyber Park-Park Centra” at Sector-30, Gurgaon, Haryana by M/s Delhi Buildwell Private Limited C/o M/s Countrywide Promoters Pvt. Ltd..

Project Proponent : Sh. Rajiv Gupta, Senior Vice President

The project was submitted to the SEIAA, Haryana on 03.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up for appraisal in the 131st meeting of the SEAC held on 07.04.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 133rd meeting of the SEAC to be held on 06th May, 2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

Thereafter, the case was taken up for appraisal on 06.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. G.R. Goyat, Chairman, SEAC
2. Sh. A.K. Bhatia, Member, SEAC(Coordinator)
3. Sh. S.C. Mann, Member, SEAC

Sh. A.K. Bhatia, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.18 Extension from renewal of Environment Clearance for "Parklands" Plotted Colony at Sector-82-88 & 89, Faridabad, Haryana by M/s Countrywide Promoters Pvt. Ltd..

Project Proponent : Sh. Rajiv Gupta, Senior Vice President

The project was submitted to the SEIAA, Haryana on 03.02.2016. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

Thereafter the case was taken up for appraisal in the 131st meeting of the SEAC held on 07.04.2016.

The case was not heard as the project proponent failed to circulate the documents (Form 1, Form 1A and Conceptual Plan) to all the Members well in time. The project proponent had undertaken to circulate the documents to all the Members well in time and requested for considering their case for appraisal in the next meeting of the SEAC. It was unanimously decided by the Committee that the case will be considered in the 133rd meeting of the SEAC to be held on 06th May, 2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC.

Thereafter, the case was taken up for appraisal on 06.05.2016.

It was decided to constitute a Sub-Committee for site visit:

The sub-committee will consist of the following:

1. Sh. R.K. Sapra, Member, SEAC
2. Sh. Hitender Singh, Member, SEAC(Coordinator)
3. Sh. S.N. Mishra, Member, SEAC

Sh. Hitender Singh, Member shall coordinate with the project proponent and the consultant for deciding the date and time of the visit and other details. The sub-committee shall submit its report within 15 days from the issue of the letter by the Secretary SEAC.

133.18(S1) Environment Clearance for Mining of Balu/Sand with Annum over an area of 35'00 Ha' in Village-Gyaspur-Rasulpur' Production Capacity-12,67,200 Tons per Tehsil-Ganaur, District Sonipat (HR) by M/s Ultimate Group, Service Road

Project Proponent : Sh. Amandeep Singh
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF in its 35th meeting held on 24th -26th June, 2015 and conveyed to the project proponent vide letter No. J-11015/179/2015-IA.II(M) dated 19.08.2015. The project proponent submitted the EIA/EMP to the SEIAA on 20.04.2016. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.

- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [10] The PP should submit consent letter from Sh. Surender Singh for using 5 acre of land and from Sh. Pala Ram for using 2 acre of land for mining or will submit an undertaking that PP will not do any mining activity in the said areas.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S2) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Bailgarh South Block/YNR B2" over an area of 28.00 Ha. Falling in Village-Bailgarh, Tehsil-Chhachhrauli, District Yamuna Nagar, Haryana by M/s Mubarikpur Royalty Company

Project Proponent : Sh. Kumar
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/234/ 2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 09.03.2016 at 11.00 AM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S3) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Kohliwala Block/YNR B-21 & 22" over an area of 13.59 Ha. Falling in Village-Kohliwala, Tehsil-Chhachhrauli, District Yamuna Nagar, Haryana by M/s Delhi Royalty Company

Project Proponent : Sh. Bhupinder Singh
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/239/ 2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 11.03.2016 at 11.00 AM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan and revised restoration and reclamation plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [7] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [8] The PP should submit impact of heavy traffic on air quality of surrounding area alongwith mitigation plan thereof and submit Water Quality, Air Quality and Noise Data.
- [9] The PP should submit revised clearance from forest department for non applicability of forest area in B21 block Khasra Number 4/8, 9/1, 9/2, 12/1/1, 12/1/2, 12/2 and 13/2 or should submit an affidavit that they will not do mining in B21 block Khasra Number 4/8, 9/1, 9/2, 12/1/1, 12/1/2, 12/2 and 13/2.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S4) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Bhood Majra Block/YNR B-20" over an area of 9.95 Ha. Falling in Village-Bhood Majra, Tehsil-Chhachhrauli, District Yamuna Nagar, Haryana by M/s Ganga Yamuna Mining Co.

Project Proponent : Sh. Virender Sharma
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/231/ 2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 11.03.2016 at 02.00 PM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan and revised restoration and reclamation plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.

- [7] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [8] The PP should submit impact of heavy traffic on air quality of surrounding area alongwith mitigation plan thereof and submit Water Quality, Air Quality and Noise Data.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S5) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely “Devdhar Block/YNR B-24” over an area of 31.87 Ha. Falling in Village-Devdhar, Tehsil-Chhachhrauli, District Yamuna Nagar, Haryana by M/s Northern Royalty Company

Project Proponent : Sh. Virender Sharma
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/235/2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 10.03.2016 at 02.00 PM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan and revised restoration and reclamation plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [7] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [8] The PP should submit impact of heavy traffic on air quality of surrounding area alongwith mitigation plan thereof and submit Water Quality, Air Quality and Noise Data.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S6) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely “Pobari Block/YNR B-11” over an area of 23.05 Ha. Falling in Village-Pobari, Tehsil-Radaur, District Yamuna Nagar, Haryana by M/s Development Strategies India Pvt. Ltd.

Project Proponent : Sh. Virender Sharma
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/342/ 2015-IA.II(M) dated 03.12.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 10.03.2016 at 11.00 AM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S7) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Mandewala Block/YNR B-38" over an area of 15.00 Ha. Falling in Village-Mandewala, Tehsil-Chhachhrauli, District Yamuna Nagar, Haryana by M/s Saharanpur Mines Management Services Pvt. Ltd..

Project Proponent : Sh. Mohd. Jawed
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/237/ 2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 05.04.2016 at 11.30 AM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan and revised restoration and reclamation plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [7] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [8] The PP should submit impact of heavy traffic on air quality of surrounding area alongwith mitigation plan thereof and submit Water Quality, Air Quality and Noise Data.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S8) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Gumthala North Block/YNR B-16" over an area of 44.62 Ha. Falling in Village-Gumthala, Tehsil-Radaur, District Yamuna Nagar, Haryana by M/s Jogender Singh.

Project Proponent : Sh. Jogender Singh
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/238/2015-IA.II(M) dated 07.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 04.04.2016 at 02.00 PM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016..

133.18(S9) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Nandgarh Block/YNR B-36" over an area of 29.60 Ha. Falling in Village-Nandgarh, Tehsil- Chhachhrauli, District Yamuna Nagar, Haryana by M/s Apar Mines Management Services Pvt. Ltd..

Project Proponent : Sh. Mohd. Jawed
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/253/ 2015-IA.II(M) dated 10.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 04.04.2016 at 11.30 AM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan and revised restoration and reclamation plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.

- [6] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [7] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [8] The PP should submit impact of heavy traffic on air quality of surrounding area alongwith mitigation plan thereof and submit Water Quality, Air Quality and Noise Data.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S10) EC for Mining of Boulder, Gravel and Sand (Minor Minerals) Mines namely "Lapra Block/YNR B-10" over an area of 34.28 Ha. Falling in Village-Lapra, Tehsil- Jagadhari, District Yamuna Nagar, Haryana by M/s Apar Mines Management Services Pvt. Ltd..

Project Proponent : Sh. Mohd. Jawed
Consultant : Vardan EnviroNet

The project was submitted to the MoEF, Government of India. The Terms of Reference were approved by the EAC, MoEF and conveyed to the project proponent vide letter No. J-11015/251/ 2015-IA.II(M) dated 10.09.2015. The project proponent submitted the EIA/EMP to the SEIAA on 25.04.2016. The public hearing was held on 05.04.2016 at 02.00 PM on the site under the Chairmanship of District Magistrate. Thereafter, the case was taken up for appraisal in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

- [1] The PP should submit an affidavit from the Director that the Mining shall be carried out in compliance of Hon'ble NGT interim orders.
- [2] The PP should submit the plan for conservation of flora and fauna to the wildlife warden.
- [3] The PP should submit revised CSR plan and revised Environment Management Plan.
- [4] The PP should submit disaster management plan.
- [5] The PP should submit feasibility of proposed scale of production with respect to replenishment rate and the restriction imposed by Hon'ble NGT.
- [6] The PP should submit contour sheet of the area alongwith longitudinal section of the river bed for entire lease area and cross-section for 100 meters on either side of the lease area and justify the proposed scale of production.
- [7] The PP should submit an undertaking that outside river bed area, slope of the sides shall not be less than natural angle of repose. The PP should submit an undertaking to ensure stability of such banks by suitable measures before conclusion of mining operations.
- [8] The PP should submit consent of the Irrigation Department w.r.t. safety of river protection works inside the river and of protection bundhs. The PP should submit an undertaking that no mining shall be done in flowing river.
- [9] The PP should submit an undertaking regarding source of adequate water arrangement for operational purpose.
- [10] The PP should submit the list of Directors.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016.

133.18(S11) Environmental Clearance for the proposed mining of Minor Minerals "Road Metal & Masonry Stone" at Village Mukundpura, District Mohindergarh, Haryana by M/s Satish Kumar Garg

Project Proponent : Sh. Satish Kumar Garg, Director
Consultant : Vardan Enviro Solutions

The project was submitted to the SEIAA, Haryana on 09.01.2015. The project proponent submitted the case to the SEIAA as per check list approved by the SEIAA/SEAC.

The case was taken up for approval of Terms of Reference in the 118th meeting of the SEAC held on 03.03.2015.

During discussions the project proponent has placed on record the copy order dated 15.01.2015 whereby Hon'ble National Green Tribunal upheld their earlier order dated 28.03.2014 and ordered that the Office Memorandum issued by MoEF dated 24.12.2013 as "operative regarding the categorization of mining project for the appraisal of State Level Expert Appraisal Committee as category B1 to B2".

The case was appraised in the 118th meeting of the SEAC held on 03.03.2015 and recommended to SEIAA for grant of Environmental Clearance.

This case was taken up by the SEIAA in its 84th meeting held on 29.10.2015 and following observations were observed and conveyed to the project proponent vide letter No. 504 dated 19.11.2015.

1. The project proponent has not submitted NOC from the Forest Department. The project proponent on 29.10.2015 submitted letter issued by Mines and Geology Department indicating that the mine leased area is not a Forest land. The SEAC should examine the same.
2. The SEAC in its recommendation has given different figures of production. The lease period is for remaining three years whereas in the conditions the production 18 figures have been given of year wise up to 5 years and sum of production for the next five years.
3. The mine lease has been granted for 20 years w.e.f. 20.07.1999 up to 10.07.2019. Therefore the mine is in operation and it is not a new project.
4. The project proponent shall submit an undertaking stating that they have kept amount (figures to be given) for reclamation of excavated mine lease area and shall also ensure that all the environmental safeguards shall be adopted for closure of mine.

SEIAA has returned the case on 19.11.2015 with the advice that the SEAC should reappraise the case and submit its recommendation on merits within stipulated period. The project proponent submitted the reply of the shortcomings vide letter dated 18.12.2015. Thereafter this case was taken up for in the 125th meeting of the SEAC held on 11.01.2016.

The SEAC reappraised the case in its 125th meeting and found that as far as the reply of the observation at Sr. No. 1 is concerned the project proponent so far has not submitted the compliance and the Committee is of the unanimous view that the PP should submit complete compliance of the following observation within 30 days.

1. The PP should submit the NOC from the Forest.
2. The PP should submit reclamation, rehabilitation and final closure plan.

The observations of 125th meeting were conveyed to the project proponent vide letter No. 529 dated 27.01.2016. The PP submitted the reply vide letter dated 26.04.2016. Thereafter the case was taken up in the 133rd meeting of the SEAC held on 06.05.2016.

After detailed discussions, the following shortcomings were observed:

1. The PP should submit NOC from Forest Department.

The project proponent had undertaken to submit compliance of above point within 10 days and requested for considering their case for appraisal in the next meeting of the SEAC to be held on 01.06.2016. It was unanimously decided by the Committee that in case the PP submits the reply on the above mentioned observations within 10 days, this case will be considered in the next meeting to be held on 01.06.2016. It was also made clear to the Project Proponent that no separate letter will be issued for attending the meeting of the SEAC to be held on 01.06.2016..

The meeting ended with the vote of thanks to the Chair.

Annexure-'A'

List of Participants

1.	Shri Raj Kumar Sapra, IFS(Retd.) House No. 601, Angel Apartment Society No. 12, Sector-24, Panchkula	Member
2.	Shri S.C. Mann, House No. 544, Sector-12-A, Panchkula Haryana	Member
3.	Shri A.K. Bhatia, House No. 679, Sector-8, Panchkula, Haryana	Member
4.	Shri Hitender Singh, Architect, Department of Architecture, Haryana	Member
5.	Dr. S.N. Mishra, House No. 220, First Floor, Sector-14, Rohtak, Haryana	Member
6.	Sh. K.S. Yadav, Regional Controller of Mines Indian Bureau of Mines, 100, Old Nehru Colony, Dehradun - 248 001	Special Invitee
7.	Sh. S. Narayanan, IFS Member Secretary, Haryana State Pollution Control Board, Panchkula	Secretary