

**Agenda for the 150<sup>th</sup> meeting of State Expert Appraisal Committee to be held on 16.09.2016 at 10.00 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.**

**INDEX**

<b>Item No.</b>	<b>Description</b>	<b>Page</b>
150.01	Confirmation of the proceedings of 149 <sup>th</sup> meeting of SEAC held on 29.08.2016.	2
150.02	Action taken on the proceedings of 149 <sup>th</sup> meeting of State Level Expert Appraisal Committee held on 29.08.2016.	3-8
150.03	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Seonty, Tehsil Pathankot, District Pathankot	9-10
150.04	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Nangli, Tehsil Nangal, District Rupnagar.	11-12
150.05	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Chak Chima, Tehsil Pathankot, District Pathankot.	13-14
150.06	Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar by M/s Amritsar Development Authority (ADA) u/s Land Owners Become Partners in Development (80:20) Scheme (Proposal No. SIA/PB/NCP/16820/2016)	15-17
150.07	Application for environmental clearance under EIA notification dated 14.09.2006 for expansion of area development project cum township project comprising of residential colony, commercial buildings & group housing plots residential colony namely "Estate One" at Village Rajpura, Hussainpura and Bhatian, District Ludhiana being developed by M/s Eldeco Infrastructures & Properties Ltd. (Proposal no. SIA/PB/MIS/53933/2016)	18-24
150.08	Regarding grant of environmental clearance to the mining projects in the State of Punjab in river beds allowing extraction of sand/gravel through slurry method/pumping	25-30
150.09	Questionnaire for appraisal of projects by SEAC	31-42
	<b>Annexure-A</b>	43

**Item no.150.01: Confirmation of the proceedings of 149<sup>th</sup> meeting of SEAC held on 29.08.2016.**

The SEAC noted that the proceedings of 149<sup>th</sup> meeting of State Level Expert Appraisal Committee held on 29.08.2016 were circulated to all concerned vide letter no. 3309-3320 dated 08.09.2016. No observations have been received from any of the member. As such, the SEAC confirmed the proceedings of said meeting.

**Item no.150.02: Action taken on the proceedings of 149<sup>th</sup> meetings of State Level Expert Appraisal Committee held on 29.08.2016.**

The action on the proceedings of 149<sup>th</sup> meeting held on 29.08.2016 has been taken and the detail of the same is placed below:-

<b>Item No.</b>	<b>Description</b>	<b>Decision of the 149<sup>th</sup> meeting held on 29.08.2016</b>	<b>Action Taken</b>
149.03	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Seonty, Tehsil Pathankot, District Pathankot	The SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3349 dated 12.09.2016 The case has been placed in the present meeting of SEAC.
149.04	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Nangli, Tehsil Nangal, District Rupnagar.	The SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3348 dated 12.09.2016 The case has been placed in the present meeting of SEAC.
149.05	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Chak Chima, Tehsil Pathankot, District Pathankot.	The SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3346 dated 12.09.2016 The case has been placed in the present meeting of SEAC..
149.06	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand) in the revenue estate of Village Beri Qadrad, Tehsil Zira,	The SEAC decided that the case be recommended to SEIAA for delisting in light of the OM dated 30.10.2012.	The case has been sent to SEIAA for further necessary action

	District Ferozepur of General Manager cum Mining Officer, District Industries Centre, Ferozepur		
149.07	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Gravel) from the bed of river Beas in the revenue estate of Village Tagar Kalan, Tehsil Mukerian, District Hoshiarpur of General Manager cum Mining Officer, District Industries Centre, Hoshiarpur.	The SEAC decided that the case be recommended to SEIAA for delisting in light of the OM dated 30.10.2012.	The case has been sent to SEIAA for further necessary action
149.08	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from paleo channel of river Beas in the revenue estate of Village Munda Pind, Tehsil Khadoor Sahib, District Tarn Taran of General Manager cum Mining Officer, District Industries Centre, Amritsar.	The SEAC decided that the case be recommended to SEIAA for delisting in light of the OM dated 30.10.2012.	The case has been sent to SEIAA for further necessary action
149.09	Application for environmental clearance granted under EIA notification dated 14.09.2006 for the expansion of group housing project namely "Royale Mansions Luxury Apartments" in the revenue estate of Village-Peer Mushalla, Near Zirakpur, Distt. SAS Nagar, Mohali by M/s. Royale Mansions.	The SEAC decided that AEE (SEAC) will revisit the MC office to verify the office copy of the letter number 898 dated 06.03.2013, letter number 808 dated 04.06.2013 from the official record file and also verify the dispatch number 808 dated 04.06.2013 from the dispatch register maintained by Municipal Council, Zirakpur and submit his report within ten days. The case will then be	The case will be placed in the next meeting of SEAC after the receipt of report of AEE (SEAC).

	(Proposal no. SIA/PB/NCP/42563/2016)	again considered in the next meeting of SEAC.	
149.10	Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for area development project in Sector- 88, 89, SAS Nagar, Distt. Mohali by M/s Greater Mohali Area Development Authority. (Proposal No. : SIA/ PB/ NCP/ 10610/ 2015)	The SEAC decided that case be forwarded to the SEIAA with the recommendation to grant environmental clearance to the project proponent for the area development project.	The case has been sent to SEIAA for further necessary action.
149.11	Application for environmental clearance under EIA notification dated 14.09.2006 for the development of International Cricket Stadium cum Sports Complex namely "IS Bindra Cricket Stadium" at Village Tira, Tehsil Kharar, District SAS Nagar, Punjab by M/s Punjab Cricket Association (Proposal no. SIA/PB/NCP/53252/ 2016)	The SEAC decided that case be forwarded to the SEIAA with the recommendation to grant environmental clearance to the project proponent for the development of International Cricket Stadium.	The case has been sent to SEIAA for further necessary action.
149.12	Application for environmental clearance under EIA notification dated 14.09.2006 for the development of commercial project namely "Judicial Court Complex and District Administrative Complex", District Tarn Taran, Punjab by Executive Engineer, Construction Division no. 1 , PWD ( B& R), Court Road, Amritsar. (Proposal no. SIA/PB/NCP/52903/2016)	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3342 dated 12.09.2016.
149.13	Application for issuance of TOR under EIA notification dated 14.09.2006 for enhancement in storage	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain	The decision of SEAC has been conveyed to the project proponent vide letter No. 3341 dated

	capacity of petroleum product at Bathinda petroleum terminal, Phoos Mandi, Mansa Road, Bathinda, Punjab by M/s Indian Oil Corporation Ltd. (Proposal No. SIA/PB/IND2/15957/2016)	observations made during the meeting.	12.09.2016.
149.14	Application for issuance of TOR under EIA notification dated 14.09.2006 for enhancement in storage capacity of petroleum product at Jalandhar petroleum terminal, Suchi Pind, Jalandhar, Punjab by M/s Indian Oil Corporation Ltd. (Proposal No. SIA/PB/IND2/11389/2016)	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3344 dated 12.09.2016.
149.15	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely "Athens" at Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab being developed by M/s Brawn Buildtech (P) Limited. (Proposal no. SIA/PB/NCP/57420/2016)	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3345 dated 12.09.2016.
149.16	Application for transfer of environmental clearance earlier granted under EIA notification dated 14.09.2006 to M/s Motia Township (P) Ltd. for the expansion of group housing project namely Motia Oasis at Zirakpur from Motia Oasis to Highland Park developed by M/s Highland Park Homes, Zirakpur (Proposal	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3340 dated 12.09.2016.

	no.SIA/PB/NCP/17036/2015)		
149.17	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely "Athens-2" at Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab being developed by M/s Brawn Buildtech (P) Limited. (Proposal no. SIA/PB/NCP/58204/2016)	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3339 dated 12.09.2016.
149.18	Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar by M/s Amritsar Development Authority (ADA) u/s Land Owners Become Partners in Development (80:20) Scheme (Proposal No. SIA/PB/NCP/16820/2016)	The SEAC decided to defer the case due to paucity of time & placed in the next meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3343 dated 12.09.2016. The case has been placed in the instant agenda.
149.19	Application for environmental clearance under EIA notification dated 14.09.2006 for the development of residential apartment complex project namely "Palace Enclave" at Village Agwar Gujran, Tehsil Jagraon, District Ludhiana, Punjab by M/s Palace Infratech Pvt. Ltd. (Proposal no. SIA/PB/NCP/56377/2016)	The SEAC decided to defer the case and ask the project proponent to submit the reply of certain observations made during the meeting.	The decision of SEAC has been conveyed to the project proponent vide letter No. 3347 dated 12.09.2016.
149.20	Application for obtaining Environmental Clearance under EIA notification dated	The SEAC decided to forward the case to SEIAA for initiating another penal	The case has been sent to SEIAA for further necessary action.

	14.09.2006 for development of a residential project namely 'Falcon View' at Sector-66 A, Distt. Mohali by M/s Janta Land Promoters Limited. (Proposal No. SIA/PB/NCP/10626/2013)	action due to continued violation in light of OM dated 12.12.12 & 27.06.2013 with the recommendations (except Sr. no. a of the OM dated 12.12.12 regarding resolution to be submitted by the project proponent).	
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**Item no. 150.03: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Seonty, Tehsil Pathankot, District Pathankot.**

The facts of the case are as under:-

1. Earlier, GM cum Mining Officer, Pathankot, Punjab vide letter no. 2165 dated 25.10.2013 had applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for river bed mining of minor minerals(sand/Gravel), in the revenue estate of Village Seonty, Tehsil Pathankot, District Pathankot. The project is covered under category 1 (a) of the Schedule appended to the said notification.
2. Thereafter, the General Manager cum Mining Officer, Pathankot vide letter no. 402 dated 26.02.2015 requested the Ministry of Environment and Forests to transfer the application for obtaining EC to SEIAA, Punjab since the mine lease is located at distance of more than 5 km from the interstate and international boundary.
3. The Ministry of Environment and Forests, vide letter no. 186 dated 05.03.2015 transferred the said application to SEIAA Punjab.
4. A copy of final EIA report has also been submitted by project proponent.

The details of the project are as under:-

- a) About 6 lac Ton/year of mining of minor minerals(Sand/Gravel) will be carried out in an area of 49.6 Hectare in the revenue estate of Village Seonty, Tehsil Pathankot, District Pathankot in H.B. no. 78, Khasra no.:  
58/4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,56/5,6,7,8,11,12,13,14,57/1,2,3,4,5,6,7,10,14,58/1,2,3,34/5,22,23,24,25,35/15,26,54//6,7,14,15,16,55/18,19,20,56//3,4,32/1,2,3,4,5,6,7,8,9,10,11,12,13/1,13/2,14,15,16,17,18,19,20,21,22,23,32/24,25,33/1,2,4,5,6,7,8,15/,16,17,18,19,20,21,22,23,24,25,34/1,2,4,31/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,55/8,9,10,11,12,13,14,15,56/2.
- b) NOC from the Department of Forest & Wildlife, has not been submitted.
- c) The project proponent has submitted the following documents alongwith Form –I:

- Approved Mining Plan
- Location Plan.
- Environmental Management Plan.
- Key plan map.
- Photographs of the project site.
- Aks Shajra of the Quarry.

The case was considered by the SEAC in its 112<sup>th</sup> meeting held on 06.04.2015, which was attended by Sh. Balwinder Pal Singh, GMDIC, Pathankot. He informed that their Environmental Consultant could not attend the meeting due to some un-avoidable circumstances and requested for deferment of the same.

The SEAC decided to accept the request of the GMDIC and defer the case.

Accordingly, the decision of the SEAC was conveyed vide letter no. 2516 dated 22.04.2015 to the project proponent. Thereafter, no request/reply was received from the project proponent to reconsider the case.

While reviewing the progress report for the month of April, May & June 2016 in 112<sup>th</sup> meeting of SEIAA held on 27.07.2016, it observed that 7 cases of the mining (non coal) have been pending since more than six months. The SEIAA among other decisions, decided that 7 cases of the mining (non coal), which are pending more than six months, be placed for delisting in the next meeting of SEIAA as and when scheduled after taking recommendations from SEAC.

The case was considered by SEAC in its 149<sup>th</sup> meeting but no one attended the meeting on behalf of project proponent.

The SEAC observed that the case is though pending for more than six months, however, no observation on the application was conveyed to the project proponent. The case was placed before the SEAC only once i.e. in its 126 meeting held on 21.08.2015, wherein the project proponent had sought deferment as environmental consultant was not available.

After deliberations, the SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.

The case is placed before SEAC for consideration.

**Item no. 150.04: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Nangli, Tehsil Nangal, District Rupnagar.**

The facts of the case are as under:-

1. Earlier, GM cum Mining Officer, SAS Nagar, Punjab vide letter dated 27.10.2010 had applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for river bed mining of minor minerals(sand/Gravel), in the revenue estate of Village Nangli, Tehsil Nangal, District Rupnagar. The project is covered under category 1 (a) of the Schedule appended to the said notification.
2. The TORs dated 04.03.2011 were issued by MoEF for extraction of 1,80,000 TPA of sand from the river bed of river Soan, in an area of 51.89 Ha in the revenue estate of Village Nangli, HB no. 354 Tehsil Nangal, District Rupnagar. However, the project proponent submitted final EIA for extraction of 32,200 TPA of sand from the river bed of river Soan, in an area of 27.65 Ha in the revenue estate of Village Nangli, HB no. 354 Tehsil Nangal, District Rupnagar.
3. Thereafter, the General Manager cum Mining Officer, Pathankot vide letter no. nil dated 26.02.2015 requested the Ministry of Environment and Forests to transfer the application for obtaining EC to SEIAA, Punjab since the mine lease is located at distance of more than 5 km from the interstate and international boundary.
4. The Ministry of Environment and Forests, vide letter no 345 dated 05.03.2015 transferred the said application to SEIAA Punjab.
5. A copy of final EIA report has also been submitted by project proponent.

The details of the project are as under:

- a) About 1,80,000 metric Ton of mining of minor minerals(Sand/Gravel) will be carried out in an area of 27.65 Hectare in the revenue estate of Village Nangli, Tehsil Nangal, District Rupnagar in H.B. no. 354.
- b) NOC from the Department of Forest & Wildlife, has not been submitted.
- c) The project proponent has submitted the pre feasibility report.
- d) The project proponent has not submitted the following documents:
  - Approved Mining Plan
  - Location Plan.
  - Route Map

- Environmental Management Plan.
- Key plan map.
- Photographs of the project site.
- Aks Shajra of the Quarry.

The case was considered by the SEAC in its 112<sup>th</sup> meeting held on 06.04.2015, which was attended by Sh. Tehal Singh, GMDIC, Roop Nagar. He informed that their Environmental Consultant could not attend the meeting due to some un-avoidable circumstances and requested for deferment of the same.

The SEAC decided to accept the request of the GMDIC and defer the case.

Accordingly, the decision of the SEAC was conveyed vide letter no. 2511 dated 22.04.2015 to the project proponent. Thereafter, no request/reply was received from the project proponent to reconsider the case.

While reviewing the progress report for the month of April, May & June 2016 in 112<sup>th</sup> meeting of SEIAA held on 27.07.2016, it observed that 7 cases of the mining (non coal) have been pending since more than six months. The SEIAA among other decisions, decided that 7 cases of the mining (non coal), which are pending more than six months, be placed for delisting in the next meeting of SEIAA as and when scheduled after taking recommendations from SEAC.

The case was considered by SEAC in its 149<sup>th</sup> meeting but no one attended the meeting on behalf of project proponent.

The SEAC observed that the case is though pending for more than six months, however, no observation on the application was conveyed to the project proponent. The case was placed before the SEAC only once i.e. in its 126 meeting held on 21.08.2015, wherein the project proponent had sought deferment as environmental consultant was not available.

After deliberations, the SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.

The case is placed before SEAC for consideration.

**Item no. 150.05: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand/Gravel), in the revenue estate of Village Chak Chima, Tehsil Pathankot, District Pathankot.**

The facts of the case are as under:-

1. Earlier, GM cum Mining Officer, Pathankot, Punjab had applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for river bed mining of minor minerals (sand/Gravel), in the revenue estate of Village Chak Chima, Tehsil Pathankot, District Pathankot. The project is covered under category 1 (a) of the Schedule appended to the said notification.
2. The Ministry of Environment and Forests, has transferred the said application to SEIAA Punjab.
3. A copy of final EIA report has also been submitted by project proponent.

The details of the project are as under:

- a) About 1,66,000 TPA of mining of minor minerals(Sand/Gravel) will be carried out in an area of 14.0 Hectare in the revenue estate of Village Chak Chima, Tehsil Pathankot, District Pathankot in H.B. no. 296.
- b) NOC from the Department of Forest & Wildlife, has not been submitted.
- c) The project proponent has submitted the Surface plan.
- d) The project proponent has not submitted the following documents:
  - Approved Mining Plan
  - Pre-feasibility report
  - Location Plan.
  - Route Map
  - Key plan map.
  - Photographs of the project site.
  - Aks Shajra of the Quarry.

The case was considered by the SEAC in its 112<sup>th</sup> meeting held on 06.04.2015, which was attended by Sh. Balwinder Pal Singh, GMDIC, Pathankot. He informed that their Environmental Consultant could not attend the meeting due to some un-avoidable circumstances and requested for deferment of the same.

The SEAC decided to accept the request of the GMDIC and defer the case.

Accordingly, the decision of the SEAC has been conveyed vide letter no. 2508 dated 22.04.2015 to the project proponent. Thereafter, no request/reply has been received from the project proponent to reconsider the case.

While reviewing the progress report for the month of April, May & June 2016 in 112<sup>th</sup> meeting of SEIAA held on 27.07.2016, it observed that 7 cases of the mining (non coal) have been pending since more than six months. The SEIAA among other decisions, decided that 7 cases of the mining (non coal), which are pending more than six months, be placed for delisting in the next meeting of SEIAA as and when scheduled after taking recommendations from SEAC.

The case was considered by SEAC in its 149<sup>th</sup> meeting but no one attended the meeting on behalf of project proponent.

The SEAC observed that the case is though pending for more than six months, however, no observation on the application was conveyed to the project proponent. The case was placed before the SEAC only once i.e. in its 126 meeting held on 21.08.2015, wherein the project proponent had sought deferment as environmental consultant was not available. .

After deliberations, the SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend the next meeting as and when called for.

The case is placed before SEAC for consideration.

**Item No. 150.06 :Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar by M/s Amritsar Development Authority (ADA) u/s Land Owners Become Partners in Development (80:20) Scheme (Proposal No. SIA/PB/NCP/16820/2016)**

The facts of the case are as under:-

M/s Amritsar Development Authority (ADA), an authority constituted under Section 17 of the Punjab Regional and Town Planning and Development Act, 1995, having its office at PUDA Bhawan, Green Avenue, Amritsar, Punjab, who has entered into an agreement with M/s DSK realtors Pvt Ltd., New Delhi for development of the scheme with land owner as per the Punjab Government Scheme "Land Owners Become Partners in Development" (80:20) policy, framed vide Notification no. 6/23/13-6HG1/1440 dated 19.06.2013. The Authority has applied for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" at Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar, Punjab. The project is covered under category 8 (b) of the Schedule appended to the said notification. The details of the project are as under:-

- The total area of the project will be 6,12,876.17 sq.m. (151.445 acres) in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar.
- The project consists of Residential Plots, Convenient Shopping, Commercial Area, Community Center, Area for Education, Area under Health, etc and cost of the project will be Rs. 35, 879.89 lacs.
- The project has been approved by Department of Town & Country Planning, Punjab vide Drawing No. DTP (A) 05/2015 dated 12.11.2015.
- Total population including residing & floating will be 22,728 persons. The total water requirement will be 4,373 KLD which includes fresh water requirement as 3,382 KLD. The total waste water generation will be 3,498 KLD which will be treated in STP of capacity 3.7 MLD.
- In total 12 number of rain water harvesting pits have been proposed to recharge ground water.
- Total power requirement for the project will be 10386.53 KVA which will be

provided by PSPCL.

- Solid waste generation from the project will be 8, 869 Kg/day.
- The project proponent has submitted the proposed Terms of Reference (TORs).

The details of the documents submitted with the application are as under:

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	CLU status and approved drawing	submitted
4.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
5.	List of accredited EIA consultant organization with accredited sector of NABET	submitted

Environmental Engineer, PPCB, RO, Amritsar was requested vide email dated 24.08.2016 to send the latest construction status of the proposed site. Environmental Engineer, PPCB, RO, Amritsar vide its return email dated 24.08.2016 has reported that the site was visited by officer of this office on 24/08/2016 and the proposed site of the residential colony was shown by the representative of colony. The proposed site exists on right hand side of road going from Amritsar to Ajnala. During the visit it was observed that the partial demarcation of the boundary of the colony has been provided. At some places the boundary has been provided with cemented pillars and at some places with brick wall. During the visit it was observed that approximately 01 km long bitumen laid road has been provided inside the colony alongwith street lighting at the centre of this road. No residential plots were under construction during the visit and only old unfinished office of colonizer was observed at the site. As per the representative of the ADA, road was constructed inside the colony more than 7-8 years back, before the acquisition of additional land for the project. There exist 2 number red category industries within 500 mtr radius. One of the boundary of the project touches the Hudiara drain.





The case was placed in the agenda of the 149<sup>th</sup> meeting of SEAC held on 29.08.2016, but when matter came for consideration, the project proponent namely Sh. Jodha Singh, XEN( PH), ADA, Amritsar told that environmental consultant of the promoter company is not available and requested to pass on the item and take it up later on. The SEAC agreed to the request of the project proponent but in the end, the case could not be taken up due to paucity of time.

After deliberation, the SEAC decided to defer the case and be considered in the next meeting.

The case is placed before SEAC for consideration.

**Item no.150.07: Application for environmental clearance under EIA notification dated 14.09.2006 for expansion of area development project cum township project comprising of residential colony, commercial buildings & group housing plots residential colony namely "Estate One" at Village Rajpura, Hussainpura and Bhatian, District Ludhiana being developed by M/s Eldeco Infrastructures & Properties Ltd. (Proposal no. SIA/PB/MIS/53933/2016)**

The facts of the case are as under:

M/s Eldeco Infrastructures & Properties Ltd. has applied for environmental clearance under EIA notification dated 14.09.2006 for expansion of residential colony namely "Estate One" at Village Rajpura, Hussainpura and Bhattian of District Ludhiana, Punjab. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification. The details of the project as given in Form 1 and 1A and other documents are as under:

- Earlier, the project was accorded environmental clearance by the MoEF vide no. 349 dated 13.01.2011 for construction of residential colony on plot area of 1, 98,388.06 sq mtr having built up area 68,302.87 sq mtr. The breakup of plots which was proposed at that time was to develop 291 plots, group housing plots, EWS Houses and commercial complex. The total water requirement was 902 KLD including fresh water requirement of 631 KLD. The capacity of the STP proposed was 950 KLD. Treated waste water to be used for flushing was 271 KLD, Horticulture was 212 KLD, & HVAC + DG cooling 205 KLD. Total solid waste proposed to be generated at that time was 3442.85 KG/day. The Total power requirement was 2539 KVA. The total car parking spaces proposed were for 699 cars. The total cost of the project was Rs. 62.376 crore. Till now 200 residential units have been developed out of 369 plots after grant of environmental clearance on the proposed site and proposed expansion is to develop 209 residential units thereby totaling it to 578 units.
- Now, the project proponent has applied for expansion of residential colony and the details of proposed expansion project as per application form are

given below:

a) The total plot area of the project has been increased from 1, 98,388.06 sq mtr to 296128.25 sqm and total built up area of the Project from 68,302.87 sq mtr to 84170.98 sqm.

b) The existing, proposed & total water balance for all the three seasons as per application form is given in tabulated form:-

**Existing Water Balance**

Total water requirement=1036 KLD which includes fresh water @600 KLD & treated waste water @436 KLD.

Waste water generation= 712 KLD

STP capacity 950 KLD

Season	Reuse for flushing (KLD)	For horticulture purpose (KLD)	HVAC make up water (KLD)	Surplus treated water (KLD)
Summer	312	84	40	276
Winter	312	28	40	332
Rainy	312	8	40	352

**Proposed Water Balance for expansion area**

Total water requirement=713 KLD which includes fresh water @327 KLD & treated waste water @386 KLD in summer season.

Total water requirement=705 KLD which includes fresh water @327 KLD & treated waste water @378 KLD in winter season.

Total water requirement=676 KLD which includes fresh water @327 KLD & treated waste water @349 KLD in winter season.

Waste water generation= 429 KLD

STP capacity 530 KLD

Season	Reuse for flushing (KLD)	For horticulture purpose (KLD)	HVAC make up water (KLD)	Surplus treated water (KLD)
Summer	168	121	97	Nil
Winter	168	40	170	8
Rainy	168	11	170	37

### **Total Water Balance for all three seasons**

Total water requirement=1823 KLD which includes fresh water @927 KLD & treated waste water @896 KLD in summer season.

Total water requirement=1685 KLD which includes fresh water @927 KLD & treated waste water @758 KLD in winter season.

Total water requirement=1636 KLD which includes fresh water @927 KLD & treated waste water @709 KLD in summer season.

Waste water generation= 1223 KLD

STP capacity 1470 KLD

Season	Reuse for flushing (KLD)	For horticulture purpose (KLD)	HVAC make up water (KLD)	Surplus treated water (KLD)
Summer	481	205	210	204
Winter	481	67	210	342
Rainy	481	18	210	391

It is mentioned here that the existing water balance does not match with the water balance given in the environmental clearance.

- The project proponent has mentioned that there is immediate necessity to provide intermediate holding cum oxidation tank to tackle surplus treated waste water after secondary clarifier tank when the biological treatment of sewage completed before the start of physical treatment through means of pressure sand filter and activated carbon filter. The appropriate dimension of oxidation tank will be 10 x 12 x 4 meter accumulating the capacity of oxidation tank 480 m<sup>3</sup>. The hydrogen peroxide may be added to the tank drop wise to remove trace organics. The aeration mechanism will be connected through existing blower so that treated waste water not remains stagnant. In normal intermittent rainy days, the said oxidation tank will be capable to hold treated water. However, in case of heavy rainy days, evapotranspiration mechanism may be added to the oxidation system to vaporize the surplus treated water depending upon requirement.
- Earlier, the total quantity of solid waste generation was 3102 kg/day and now proposed for expansion area is 1676 kg/day thereby totaling it to 4779

kg/day. Solid wastes generated will be segregated through Garbage chute system. The biodegradable organic wastes will be converted to manure by using vermi composting. Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site. Non recyclable waste will be sent to dumping site already approved.

- The total load of electricity earlier required for the project was 3010 KW which will be taken from the PSPCL. Now proposed power requirement is 3301 KW thereby totaling it to 6311 KW. There is a proposal to install silent 7 nos. DG Sets (6 X 250 KVA & 1 x 380 KVA) for power back up of 1880 KW as stand-by arrangement
- The project proponent has also proposed to provide rain water harvesting pit to recharge the rain water.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.

The details of the documents submitted with the application are as under:

1.	Properly filled Form 1 & 1A	Yes
2.	<p>(a) <b>In case(s) where land has already been purchased/acquired:</b> Proof of ownership of land</p> <p>(b) <b>In case where land is yet to be purchased/acquired:</b> Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)</p>	<p>Copies of different sale deeds of land have been submitted but in different names</p> <p>Copies of CLU attached issued by CTP, Punjab</p>
3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	submitted
4.	Layout plan duly approved by the Competent Authority/Conceptual plan of the project.	Submitted vide letter no. 223 dated 13.01.2016
5.	Topographical map of the area showing Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	submitted
6.	Status of construction, if any, alongwith photographs from all the four sides.	<i>Mentioned in application form that it has been attached</i>

		<i>as annexure on page 189 but instead of photographs, per chart has been attached.</i>
7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	Complete details of following by making it an integral part of the conceptual plan/drawing/layout map:- i) Location of STP ; ii) Solid waste storage area. iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers x) Any other utilities	i. Marked ii. Not Marked iii. Marked iv. Marked v. Marked vi. Marked vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; <b>a) Water and Sewerage connection</b> A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan. <b>b) Collection of Solid waste</b>	Regarding abstraction of ground water, the project proponent has proposed to abstract water from own tube well & permission for the same has been submitted from CGWA. However, sewer has not been proposed & no permission submitted for the same from local body.
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements.	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Not proposed
12.	Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below: (i) The monitoring of groundwater, ambient air quality, noise & soil can be carried out after at least 72 hours advance intimation to SEIAA, Punjab at the e-mail id: <a href="mailto:seac_pb@yahoo.com">seac_pb@yahoo.com</a> and concerned Regional Office of Punjab Pollution Control Board. (ii) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab alongwith exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports. (iii) Water, air, noise & soil monitoring reports more	submitted

	<p>than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.</p> <p>(iv) At least one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.</p> <p>(v) The noise monitoring is to be carried out from all the corners of the project site as well as from the centre of the project site and reports be attached accordingly.</p>	
13.	Quantification of energy saved and renewable energy devices used.	submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	submitted
15.	Construction schedule (PERT/CPM Chart)	submitted
16.	<p>Undertaking(s) for ;</p> <p>a) Constitution of Environment Monitoring Cell</p> <p>b) Use of ready mix concrete or use of fly ash during construction.</p> <p>c) To provide Fire Fighting System</p> <p>d) To provide wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase.</p> <p>e) To provide adequate safety measures for the construction workers during the construction phase.</p>	submitted
17.	<p>Environmental Management Plan indicating the following:</p> <p>a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.</p> <p>b) Compliance of various environmental regulations</p> <p>c) Steps to be taken in case of emergency such as accidents at the site including fire.</p> <p>d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.</p> <p>e) Capital &amp; recurring cost for the EMP per year and the details of funds for the same.</p> <p>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</p>	<p>a) submitted</p> <p>b) submitted</p> <p>c) submitted</p> <p>d) Environment Management Cell structure will be responsible for implementation of EMP.</p> <p>e) Not submitted</p> <p>f) Environment Management Cell structure will be responsible for implementation of EMP.</p>
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Not submitted
19.	Traffic Circulation System and connectivity with a view to	Parking spaces

	ensure adequate parking, conflict free movements, Energy efficient Public Transport.	marked in layout but circulation plan not submitted.
20.	Disaster/Risk Assessment and Management Plan	submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	submitted
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	-
23.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	submitted
24.	<b>For expansion projects:</b> <ol style="list-style-type: none"> <li>All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</li> <li>In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</li> <li>The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</li> <li>Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</li> </ol>	(i) submitted (ii) The project proponent has stated it as not applicable (iii) & (iv) Not submitted
25.	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and the project proponent is required to submit either documentary proof to the effect that Wildlife Sanctuary is more than 10 kms from the project site. In case, the same is within 10 kms radius then, the project proponent will file an application before the concerned DFO, Wildlife for obtaining NBWL permission and submit acknowledgement along-with copy of application submitted to concerned DFO Wildlife for obtaining permission from NBWL.	Not applicable

The case is placed before SEAC for consideration.



**Item no.150.08: Regarding grant of environmental clearance to the mining projects in the State of Punjab in river beds allowing extraction of sand/gravel through slurry method/pumping.**

The facts of the case are as under:-

- Env. clearance (EC) was granted by the SEIAA on 26.06.2012 to G.M. Ludhiana and on 07.02.2013 transferred in the name of Sh. Puneet Singh S/o Sh. Kuldeep Singh, House No. 71, Sector-5, Chandigarh for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana, subject to certain conditions with excavators having bucket capacity 1.1m<sup>3</sup>.
- G.M. Ludhiana on 31.05.2013 requested to amend the EC already granted for carrying out off-stream and in-stream mining citing following main reasons:
  - (i) The mining area of 42.24 hectares which was entirely off-stream at the time of proposal, has now been partially sub-merged due to change of course by the river.
  - (ii) The contractor is required to carry out partial in-stream mining of sand from the river by mechanical means i.e. using excavators and in-stream with venturi jet ejector and pumping system.
- The SEIAA on the recommendations of SEAC decided to amend the EC already granted and allowed off-stream and in-stream mining subject to imposing below mentioned main additional conditions:
  - (i) The absolute elevation (Redline), below which no mining shall be allowed to be carried out, shall be determined by the Department of Industries & Commerce, Punjab alongwith Department of Irrigation, Punjab after carrying out proper survey of the mining site, so as to avoid impacts on structures such as bridges, piers and to avoid vegetation impacts associated with down cutting due to excessive removal of sediment. In no case mining shall be carried out below the redline.
  - (ii) To minimize the impacts, the mining shall be limited to the downstream end of the sand bar with a riparian buffer on both the channel and / or floodplain side.

- (iii) The Department of Industries & Commerce and contractor shall retain the upstream 1 to 2/3 thirds of the bar and riparian vegetation while excavating from the downstream as a method to promote channel stability and protect the narrow width of the low flow channel, which is necessary for fish.
  - (iv) In-stream extraction activities shall be concentrated or localized to a few bars rather than spread out over many bars. This localization of extraction shall minimize the area of disturbance of upstream and downstream effects.
  - (v) No washing, crushing, screening, stockpiling or plant operations should be carried out which shall have the potential to release fine sediments into the stream, which may result into change in habitat and consequently conditions harmful to local fish / fauna.
  - (vi) The mining activity in the river shall be carried out upto the discharge of 10,000 cusec except in monsoon season.
- Lt. Gen. (Retd) B.S. Dhaliwal, Advisor (Tech) to Hon'ble Chief Minister, Punjab in his letter dated 10.07.2013 addressed to Principal Secretary, Irrigation, Punjab has opined that slurry method of mining of sand is though cost effective and clean, however, it has lot of drawbacks such as depth of mining of sand in the running water cannot be gauged correctly, huge pits left due to mining affect the flow of water and can cause diversion of flow resulting in floods, possible damage to structures like revetments, studs, spurs etc. thereby causing sloughing of banks. Examples of effects that have already taken place by mining through slurry method based on the reports of Drainage Department have been quoted. As per reports of Drainage Department, the depth of water at location of spur and revetment work site approximately 1 km upstream of Parchian Biharipur has increased by 5 ft, the pier foundation of Phillaur Bridge has been exposed upto 10 ft depth due to scouring and sloughing of banks/berms etc. approximately 1 km of Parchian Biharipur complex has been noticed.

In the said letter, it has been recommended that mining of sand by slurry method should be carried out only upstream of Ropar Head Works (Nangal to Ropar stretch) along the Centre Line of creek of the river Sutlej as all the sand removed by slurry method would be replenished by the sand

coming in from the various 'khads/nallahs' merging with the river between this stretch. It has been further stated in the letter that effects of mining in river Beas and its tributaries i.e. chakki river, Gulpur river, MB Link creek etc. are endangering bridges, banks etc. and recommended that only conventional method of mining should be used in this portion of the river. In case of river Ravi, it has been recommended that till construction of Shahpur Kandi Dam, boulders/aggregates for the construction of Dam should be lifted from identified quarries only and after construction of Dam, material upto specified depth and reach (by design office/Geologist) should only be lifted. Only conventional method of mining should be used downstream Madhopur Head Works.

- It is brought out that all the likely impacts on environment due to mining of minor minerals were carefully examined by SEAC/SEIAA while appraising and granting amended EC for allowing instream mining. In the interest of hydro-eco system, mining of minor minerals from the main river beds was not allowed during monsoon period as most of the aquatic fauna is in the breeding stage during monsoon season and any disruption in the water currents in the river can hinder the productivity of the water body.

To minimize the adverse impacts on environment and on structures such as bridges, piers etc. and to avoid vegetation impacts associated with down cutting due to excessive removal of sediments etc., various mitigation measures and safeguards were suggested and additional conditions as mentioned above were imposed.

The Secretary to Govt. of Punjab, Department of Irrigation, Chandigarh, in reference to Director Mining Memo no. GIG/PB/1086/4188-A dated 08.04.2016 vide which permission for instream mining through slurry method in rivers was asked, has informed him that the slurry method of mining is though cost effective, however, it has lot of drawbacks too and it is only recommended in those areas where sufficient replenishment is available. In case of river Sutlej mining by slurry method may be allowed in the 60 kms stretch of Nangal to Ropar as replenishment is available in this stretch due to various khuds/nallahs joining the river between this stretch. No mining of sand by slurry method is permitted below Ropar Headworks as the water gets regulated at this point with no major khud entering it beyond this point. It has been further stated that in case of river Beas &

Ravi, the mining should be done by conventional method of mining upto groundwater level except in certain reaches where replenishment may be available by sand in flow during floods like downstream of outfall of river Ujh in river Ravi. A copy of the said letter has been received through e-mail in the office of Punjab Pollution Control Board.

The matter was considered in the 107<sup>th</sup> meeting held on 27.05.2016. After detailed deliberations, the SEIAA decided that case be referred to SEAC for examining the issue and sending recommendation accordingly.

The matter was considered in the 147<sup>th</sup> meeting of SEAC held on 30.06.2016. After detailed deliberations, the SEAC decided that the both project proponents i.e. concerned GM cum Mining Officer & Contractors in whose name environmental clearance's have been transferred, Authorized Officer from Irrigation Dept. and expert in the field namely Dr. R.K. Kakar, Prof. (Retd) Geology Department, Punjab University, Chandigarh, Kothi No. 1614, Sector 44-B, Chandigarh be also invited in the next meeting of SEAC and then recommendations be sent accordingly.

Accordingly, the decision of the SEAC has been conveyed to all the above concerned through email on dated 14.07.2016 and requested to be present in the 148<sup>th</sup> meeting of SEAC to be held on 19.07.2016.

Further, it is submitted that environmental clearance has also been granted to the General Manager-Cum-Mining Officer, Kapurthala, vide letter no. 611 dated 08.02.2013 for mining of 37,000 TPA of minor minerals in an area of 4.41 hectares in the bed of river Beas in the revenue estate of Village Mand Dhilwan (Site-II), Tehsil & District Kapurthala, which has been transferred in the name of Secretary, Dera Baba Jaimal Singh, Radha Swami Satsang Beas vide letter no. 2201 dated 10.06.2013 and later on allowed extraction of sand/gravel through slurry method/pumping vide letter no. 29660 dated 05.07.2013 with some additional conditions.

The matter was considered by the SEAC in its 148<sup>th</sup> meeting held on 19.07.2016 which was attended by the following:-

1. Sh. Naresh Goyal, Superintending Engineer, Irrigation
2. Sh. Ashutosh Sharma, Executive Engineer, Irrigation
3. Sh. B.S. Sandhu, Executive Engineer, Drainage
4. Sh. Mahesh Khanna, GM cum Mining Officer, DIC, Ludhiana

5. Sh. Surjit Singh, GM cum Mining Officer, DIC, Kapurthala
6. Sh. Amit Kumar, Contractor, M/s KBM Contractors
7. Col. Gurpreet Singh Bhullar (Retd.), Authorized Signatory, Dera Beas
8. Sh. Rajinder Arora, Representative, Dera Beas

Sh. Baljit Singh Sandhu, Xen Drainage, Ludhiana submitted a copy of google map showing that mining in river Satluj is being carried out beyond the centre line towards Jalandhar side. Thus, there is a danger that the bank towards Jalandhar may get eroded. Also, there is no check on the depth of mining with this slurry method since Buddha Nallah carries all type of waste water of Ludhiana, hence with this uncontrolled depth of mining there are chances of Buddah Nallah water causing contamination of the ground water. As regards, mining in river Beas by the Radha Soami Dera Beas, it was brought out by the representative of the Dera that they are mining the sand only upto permitted depth and the quantity of the material being mined is lessor than the quantity being permitted in the environmental clearance. He further stated that the bed level of the river is not being disturbed with their mining activity. To this contention, Xen, Irrigation informed that they could not verify the depth as well as the quantity of the sand mined by the Dera. Also he is not sure about the rate of replenishment available at the mining site. In case of Ravi River, no mining by slurry method has been allowed.

After deliberations, following decisions were taken:-

1. A joint inspection by the team comprising of the following officers will visit the mining site in river Satluj and Beas:-
  - (i) GM cum Mining Officers concerned
  - (ii) Concerned Xen Drainage of the Deptt. Of Irrigation, Punjab
  - (iii) Concerned Regional Officer of PPCB

The joint inspection report will be submitted by 20.08.2016 and the matter will again be discussed in the immediate next meeting of SEAC.

2. State Geologist, Punjab and an authorized officer not below the rank of Xen from Head Office of the Irrigation Deptt.(Drainage) be also invited in the said meeting when the matter will be discussed.

Accordingly, GM cum Mining Officer, Kapurthala, Xen, Drainage Deptt.of Irrigation, Jalandhar & Environment Engineer, PPCB, RO, Jalandhar vide letter no. 3093-95 were requested to carry out the joint inspection in case of the river Beas.

Similarly, GM cum Mining Officer Ludhiana, Xen, Drainage, Deptt. of Irrigation, Ludhiana & Environment Engineer, PPCB, RO-III, Ludhiana vide letter no. 3090-92 dated 2.08.2016 were requested to carry out the joint inspection in case of the river Satluj and submit their reports by 20.08.2016 so as to further action in the matter can be taken.

Now, General Manager Cum Mining officer, DIC, Kapurthala vide letter no. 3022 dated 18.08.2016 has sent the inspection report of the Mand Dhilwan site-II in reference to the letter no. 3093-95 dated 02.08.2016. The copy of the inspection report is annexed as **Annexure-A**. However, no report has been received in case of River Satluj.

The matter is placed before SEAC for consideration.

### **Item No.150.09: Questionnaire for appraisal of projects by SEAC**

In order to bring uniformity and to streamline the process in dealing with the environmental clearance cases of building & construction projects under item 8 (a) of the Schedule appended to EIA notification, 2006, a need has been felt that some standard documents/questionnaire should be prepared which can be referred to at the time of appraising the proposal. Hence, this questionnaire.

The questionnaire has been prepared keeping in mind the thrust areas to be focused upon as per requirements of OM's dated 19.06.2013, 10.11.2015, notification dated 29.04.2016 and section-A of the EIA guidance manual, 2010 of MoEF for category 8 (a) Building & Construction projects. It is hoped that this questionnaire will also be helpful in avoiding duplicacy / repetition of various issues and at the same time will ensure that important issues do not get overlooked, while appraising the project proposal.

<b>Sr. No.</b>	<b>Description</b>	<b>Detail of presentation</b>
<b>A. Declaration about engaging consultant(s)</b>		
1.	Disclosure of consultation/ engaged.	The engaged consultant shall have accreditation with QCI/NABET as per the notification dated 03.03.2016. This section shall include the name of the consultant engaged with their brief and nature of consultancy rendered. The consultant shall include the copy of accreditation certificate and data provided by other organizations / laboratories including their status of approvals etc.
2.	In case of authorized representative who attends the meeting.	As per OM dated 25.02.2010 clarifying the participation of project proponent during EAC meetings, only authorized representative of project proponent who should be a reasonably Senior Officer/Executive duly authorized in writing can participate in the EAC meetings on behalf of project proponent. In case, a consultant is to be nominated as an authorized representative, it should be through an irrevocable power of attorney duly executed and formally registered with Sub Registrar concerned
<b>B. Documentary requirements as per check list</b>		

1.	Proof of ownership of land & credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF.	Copy of latest Jamabandi (not more than one month old) and agreement document be presented.
2.	Layout plan duly approved by the competent authority / conceptual plan of the project.	Be presented and discussed.
3.	<p>1. Complete details of following by making it an integral part of the conceptual plan/ drawing/layout map:-</p> <p>i) Location of STP ;</p> <p>ii) Solid waste storage area.</p> <p>iii) Green belt</p> <p>iv) Parking space</p> <p>v) RWH and water recharge pits</p> <p>vi) Fire fighting equipment layout</p> <p>vii) First aid room</p> <p>viii) Location of Tubewells</p> <p>ix) DG Sets and Transformers</p> <p>x) Any other utilities</p> <p>2. Drawing showing plumbing systems for use of fresh, treated and hot water.</p>	Be presented and discussed.
4.	Statutory permissions	<p>Permission of Competent Authority for;</p> <p><b>b) Water and Sewerage connection</b></p> <p>A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan.</p> <p>b) Collection of Solid waste</p>



		<p>c) Wildlife Sanctuary &amp; National Park location within 10 kms be specified &amp; if any such entity exists, copy of acknowledgement alongwith set of application filed for obtaining NBWL permission be presented.</p> <p>d) Status of permission under Forest (Conservation) Act, 1980 be presented, if required. If any use of forest land including approach to the project site from the road is involved then permission is required &amp; copy of acknowledgement alongwith set of applications filed for obtaining permission be presented.</p>
5.	Construction schedule (PERT/CPM Chart)	To be presented.
6.	<p>Undertaking(s) for ;</p> <p>a) Constitution of Environment Monitoring Cell</p> <p>b) Use of ready mix concrete or use of fly ash during construction.</p> <p>c) To provide Fire Fighting System</p> <p>d) To provide wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase.</p> <p>e) To provide adequate safety measures for the construction workers during the construction phase.</p>	To be presented.
7.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	To be presented.
8.	For expansion projects	(i) Compliance report of earlier granted environmental clearance conditions

		<p>verified by Northern Regional Office of Ministry of Environment, Forests &amp; Climate Change, Chandigarh.</p> <p>(ii) All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</p> <p>(iii) In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</p> <p>(iv) The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</p> <p>(v) Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</p>
<b>C. Technical Appraisal</b>		
1.	Brief description of the project in terms of location & surroundings	<ul style="list-style-type: none"> <li>• Description of the project and site selection as to whether it is in consonance with the Master Plan of the area.</li> <li>• Detailed 1km radius map with all the details of surroundings which should include major topographical features such as: <ul style="list-style-type: none"> <li>I. Habitat locations</li> <li>II. Major construction i.e. roads, railways, pipelines, drainage etc.</li> <li>III. Industries especially in red category.</li> <li>IV. Any water body</li> </ul> </li> <li>• Land use map of the study area in 1:10,000 scale based on high resolution satellite imagery delineating the forest, agricultural land, water bodies, settlements, and other cultural features</li> <li>• Manpower requirement of various categories such as skilled, semi-skilled, unskilled, technicians, Engineers &amp; Managers during the construction phase be presented and discussed. Details of compliances of Acts related to employees service, welfare measures as per provisions of Govt. of India Acts such as Minimum Wages Act, Contract Labour Act, Interstate Migrant Workmen Act, Building &amp; other Constructions Workers Act and Building &amp; other Construction Workers Welfare Cess</li> </ul>

		Act, be presented & discussed.
2.	Environmental Impacts on Project land and its surrounding development and vice-versa.	Identify quantitatively & describe the item wise activities during construction & operation phase.  Quantification/ characterization of likely impacts and mitigation measures thereof be presented as per the following sections.
3.	Land environment	Existing status of baseline conditions of land use be determined by studying the changes in the land use pattern in the past 10 years by collecting data from secondary sources such as land record, agricultural census and census records. The soil characteristics in project area, which could affect the dominant land use afforestation potential need to be studied and presented. The physical & chemical properties of the soil are to be analysed and presented as given in table-3.1 & 3.2.
4.	Biological environment	Baseline data from the field observations and secondary sources for various terrestrial and aquatic system be generated and presented. Wildlife sanctuaries and national parks location within 10 kms radius from the project boundary be identified and presented.
5.	<b>Water Environment</b>  (i) Ground water potential of the site and likely impacts of the project.  (ii) Water balance Chart with a view to promote waste water treatment, recycle, reuse and water conservation.	(i) Groundwater / surface water in the study area to be monitored and monitoring reports be analysed, interpreted and discussed. Table 3.3, 3.4, 3.5 & 3.6.  (ii) (a) Groundwater abstraction and complete water balance chart for the three seasons i.e. summer, monsoon & winter alongwith calculations be presented and discussed. It should also include wet weather flow.  (b) Rainwater recharge/harvesting details with calculations and basis of calculations. The rainwater harvesting plan should be in accordance with the notification dated 29.04.2016.
6.	<b>Waste Treatment</b> and <b>Water</b> its details including target standards.	Details be presented alongwith latest technology available viz-a-viz being adopted. Details of the disposal arrangements i.e. land requirement & likely impact on the soil. Existing soil monitoring reports be discussed.

7.	Alterations in the natural slope and drainage pattern and their environmental impacts on the surroundings.	<ul style="list-style-type: none"> <li>(i) Topographical map of the area showing Contour map on 1:10000 scale for the study area showing the various proposed break-up of the land &amp; drainage pattern in the area be drawn.</li> <li>(ii) Quantification of the storm water to be managed be presented &amp; discussed.</li> <li>(iii) Complete storm water Management Plan should be presented which should meet with the require ment of notification dated 29.04.2016.</li> </ul>
8.	<b>Solid Waste Management</b> during construction and post construction phases.	<ul style="list-style-type: none"> <li>(i) Present data available on solid waste generated in the study area including quantities of waste-hazardous, bio-medical &amp; non-hazardous be collected &amp; presented.</li> <li>(ii) Details of the category-wise quantification, collection, segregation, transportation, storage, treatment &amp; disposal arrangements.</li> <li>(iii) Chute system should be proposed for collection of solid waste</li> <li>(iv) Mechanical composter for bio-degradable waste.</li> <li>(v) Separate bins for wet &amp; dry solid waste should be proposed.</li> <li>(vi) Proposal for management of e-waste, C&amp;D waste, recyclable waste, hazardous waste, bio-medical waste be also presented &amp; discussed.</li> </ul>
9.	<b>Air Quality and Noise Levels;</b> likely impacts of the project during construction and operational phases.	<ul style="list-style-type: none"> <li>(i) Location of ambient air &amp; noise monitoring stations be shown, analysed, interpreted &amp; justified with regard to major emitters in the buffer zone.</li> <li>(ii) Air quality &amp; noise quality monitoring reports to be analysed, interpreted &amp; discussed. Table 3.7, 3.8 &amp; 3.9.</li> <li>(iii) Activities w.r.t. air &amp; noise pollution during construction &amp; operation phase be identified, quantified and their impacts on the surroundings.</li> </ul>

		(iv) Mitigation measures to be adopted be presented.
10.	<b>Green Belt/Green cover</b> and the Landscape Plan.	Green belt should meet with the requirements of notification dated 29.04.2016. The species of trees should be as per SEIAA list.
11.	<b>Energy</b> requirements with a view to minimize power consumption and promote use of renewal energy sources.	Details of the energy conservation to be presented which should meet with the requirements of notification dated 29.04.2016 except the solar water heater system which should be replaced with solar power generation utilizing atleast 30% roof top area. Important recommendations of ECBC code and NBC Code on energy conservation be presented and discussed.
12.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Existing traffic scenario in the area including main approach road be studied and analysis of study report be presented. A complete traffic management plan including traffic circulation system & connectivity with a view to ensure adequate parking, conflict free movements, energy efficient public transport etc. be presented & discussed.
13.	<b>Disaster/Risk Assessment and Management Plan,</b>	Details be presented.
14.	<b>Socio Economic Impacts</b> of the project and CSR.	<p>Details be presented, which should include baseline data on the socio-economic environment in the study area and should focus on the issues not limited to but including demographic structure, economic activity, education, literacy profile, land use &amp; infrastructure resources.</p> <p>Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.</p>
15.	Environment Monitoring Programme	<p>1. Environment monitoring programme shall include the following:</p> <ul style="list-style-type: none"> <li>• Summary matrix of environmental monitoring covering location of monitoring stations, frequency of sampling, method of sampling analysis and data evaluation</li> </ul>

		<p>during construction &amp; operational stages.</p> <ul style="list-style-type: none"> <li>• Requirement of monitoring facility.</li> <li>• Frequency of air monitoring, static background dust sampling at project boundary.</li> <li>• Changes w.r.t. baseline data and compliance to accepted norms.</li> <li>• Plantation monitoring programme.</li> </ul> <p>2. The description of monitoring programme should include technical plan, methodology of measurement, required frequency of measurement, land location of measurement, data storage &amp; analysis, reporting schedules, emergency procedure, detailed budgets and procurement schedule for equipments &amp; supplies, technical &amp; administrative manpower. The monitoring shall include air, noise, groundwater, surface water and maintenance of rainwater harvesting pits &amp; other water conservation method used and be done regularly.</p>
16.	EMP during construction and operational phases.	<p>Environmental Management Plan indicating the following:</p> <ol style="list-style-type: none"> <li>a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.</li> <li>b) Compliance of various environmental regulations</li> <li>c) Steps to be taken in case of emergency such as accidents at the site including fire.</li> <li>d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.</li> <li>e) Capital &amp; recurring cost for the EMP per year and the details of funds for the same.</li> <li>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</li> </ol>

17.	Any other related parameter of the project which may have any other specific impact on environmental sustainability and ecology.	
18.	Alternative technologies	Consideration of alternative technologies in place of conventional practice to be used in building material, energy conservation and transportation methods be addressed in this section. Important recommendations of ECBC code and NBC Code on energy conservation be presented and discussed.
19.	Summary & conclusion	The summary should present the critical facts that make up each issue and the resolution of the issues. Wherever possible, the summary should make use of basemaps, tables and figures. Information should be condensed into succinct, but meaningful presentation.

The draft questionnaire was circulated to all the SEAC members, seeking their valuable suggestions.

The draft questionnaire is placed before the SEAC for deliberation & decision.

Table 3.1 Physical Properties of Soil

Station Code	Colour	Texture	Water Holding capacity (%)	Porosity (%)	Sand (%)	Salt (%)	Bulk Density gm/cc	Permeability H/m

Table-3.2 Chemical Properties of Soil

Parameters	Samples					
pH						
Potassium						
Sodium						
Sodium Absorption Ratio						
Cation exchange capacity						



**Table 3.3 Description of Ground Water Sampling Locations**

Station No.	Location	Distance & Direction from project area	Project area / study area	Environmental Setting

**Table 3.4 Analysis of Ground Water**

S. No	Parameters	Unit	Result			Standards
			GW1	GW2	GW3	

**Table 3.5 Description of Surface Water Sampling Locations**

Station No.	Location	Distance & Direction from project area	Project area/ study area	Environmental Setting

**Table 3.6 Analysis of Surface Water**

S. No	Parameters	Unit	Result			Standards
			SW1	SW2	SW3	

Table No. 3.7 Description of Ambient Air Quality Monitoring Stations

Station No.	Location	Distance & Direction from project area	Project area / study area	Environmental Setting

Table-3.8 Analysis of Ambient Air Quality

Monitoring Station Category (R,I,S)	Category of Station	Min.	Max.	Mean	95 Percentile	Min.	Max.	Mean	95 Percentile	Min.	Max.	Mean	95 Percentile	Min.	Max.	Mean	95 Percentile	Min.	Max.	Mean	95 Percentile

R - : Residential Area  
I - : Industrial Area  
S - : Sensitive Area

Table No. 3.9 Description of Noise Monitoring Stations

S. No	Locations	Class*	Average Day noise level (dBA)	Average Night noise level (dBA)	Day time (6.00 A.M. to 10.00 P.M)	Day time (10.00 P.M. to 6.00 A.M)	Remarks
					Standard (L <sub>eq</sub> in dBA)	Standard (L <sub>eq</sub> in dBA)	

\*Industrial area/ Commercial area /Residential area /Silence zone

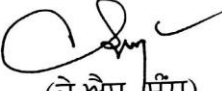
### ਕਾਰਵਾਈ ਰਿਪੋਰਟ

ਅੱਜ ਮਿਤੀ 18.08.2016, ਨੂੰ ਸਟੇਟ ਐਕਸਪਰਟ ਐਪਰੇਜਲ ਕਮੇਟੀ ਵਲੋਂ ਮਿਤੀ 19.07.2016 ਦੀ ਮੀਟਿੰਗ ਵਿਚ ਦਿੱਤੇ ਗਏ ਆਦੇਸ਼ਾਂ ਦੀ ਪਾਲਣਾ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੀ ਗਠਿਤ ਕਮੇਟੀ ਦੁਆਰਾ ਮੰਡ ਢਿਲਵਾਂ ਸਾਈਟ-2 ਦਾ ਮੋਕਾ ਮੁਆਇਨਾ ਕੀਤਾ ਗਿਆ:-


1. ਸ. ਸੁਰਜੀਤ ਸਿੰਘ, ਜਨਰਲ ਮੈਨੇਜਰ ਕਮ ਮਾਇਨਿੰਗ ਅਫਸਰ, ਕਪੂਰਥਲਾ
2. ਇੰਜ. ਜੇ.ਐਸ. ਸੰਧੂ, ਐਸ.ਈ. ਡਰੇਨੇਜ
3. ਇੰਜ. ਆਸ਼ੁਤੋਸ਼ ਕੁਮਾਰ, ਐਕਸੀਅਨ ਡਰੇਨੇਜ, ਜਲੰਧਰ ਡਰੇਨੇਜ ਮੰਡਲ
4. ਇੰਜ. ਗੁਰਮੁੱਖ ਸਿੰਘ, ਐਕਸੀਅਨ ਡਰੇਨੇਜ, ਬਾਰੀ ਦੁਆਬ ਡਰੇਨੇਜ ਮੰਡਲ, ਅੰਮ੍ਰਿਤਸਰ
5. ਇੰਜ. ਸਤਿਆਜੀਤ ਸਿੰਘ ਅੱਤਰੀ, ਏ.ਈ.ਈ., ਪੀ.ਪੀ.ਸੀ.ਬੀ., ਜਲੰਧਰ

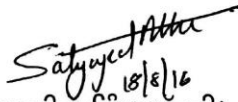
ਜੁਆਇੰਟ ਇੰਸਪੈਕਸ਼ਨ ਦੌਰਾਨ ਇਹ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਕਿ ਡੇਰਾ ਬਿਆਸ ਵਲੋਂ ਬਰਸਾਤੀ ਮੌਸਮ ਦੌਰਾਨ ਮੋਕੇ ਤੇ ਕਿੱਸੇ ਵੀ ਤਰ੍ਹਾਂ ਦੀ ਮਾਇਨਿੰਗ ਨਹੀਂ ਹੋ ਰਹੀ ਸੀ ਇਸ ਉਪਰੰਤ ਇਹ ਦੇਖਣ ਵਿਚ ਆਇਆ ਹੈ ਕਿ ਮਿਤੀ 01.07.2016 ਤੋਂ ਪਹਿਲਾਂ ਕੀਤੀ ਗਈ ਮਾਇਨਿੰਗ ਨਾਲ ਬਿਆਸ ਦਰਿਆ ਦੀ ਇਸ ਰੀਚ ਦੇ ਵਹਾਅ ਵਿਚ ਬਦਲਾਅ ਨਹੀਂ ਆਇਆ ਹੈ ਅਤੇ ਨਾ ਹੀ ਇਸ ਨਾਲ ਬਿਆਸ ਦਰਿਆ ਨੂੰ ਕੋਈ ਨੁਕਸਾਨ ਹੋਇਆ ਹੈ। ਜਿਥੇ ਤੱਕ ਦਰਿਆ ਵਿਚ ਸਵੈ-ਪੂਰਤੀ (Replenishment) ਦਾ ਸੁਵਾਲ ਹੈ ਇਸਦਾ ਬਰਸਾਤੀ ਮੌਸਮ ਤੋਂ ਬਾਅਦ ਹੀ ਪਤਾ ਲਗਾਇਆ ਜਾ ਸਕਦਾ ਹੈ। ਦਰਿਆ ਵਿਚੋਂ ਨਿਕਲਣ ਵਾਲੇ ਮਟੀਰੀਅਲ ਦੀ ਮਾਤਰਾ ਬਾਰੇ ਜਨਰਲ ਮੈਨੇਜਰ ਕਮ ਮਾਇਨਿੰਗ ਅਫਸਰ, ਕਪੂਰਥਲਾ ਵਲੋਂ ਦੱਸਿਆ ਗਿਆ ਕਿ ਇਸ ਸਬੰਧੀ ਤਿਮਾਹੀ ਰਿਪੋਰਟ ਰਾਧਾ ਸੁਆਮੀ ਸਤਿਸੰਗ ਬਿਆਸ ਵਲੋਂ ਭੇਜੀ ਗਈ ਹੈ ਜੋ ਕਿ ਪ੍ਰਮਾਣਤ ਮਾਤਰਾ ਨਾਲੋਂ ਘੱਟ ਹੈ।

  
(ਸੁਰਜੀਤ ਸਿੰਘ)  
ਜਨਰਲ ਮੈਨੇਜਰ ਕਮ  
ਮਾਇਨਿੰਗ ਅਫਸਰ

  
(ਜੇ.ਐਸ. ਸੰਧੂ)  
ਐਸ.ਈ. ਡਰੇਨੇਜ

  
(ਗੁਰਮੁੱਖ ਸਿੰਘ)  
ਐਕਸੀਅਨ ਡਰੇਨੇਜ

  
(ਆਸ਼ੁਤੋਸ਼ ਕੁਮਾਰ)  
ਐਕਸੀਅਨ ਡਰੇਨੇਜ

  
(ਸਤਿਆਜੀਤ ਸਿੰਘ ਅੱਤਰੀ)  
ਏ.ਈ.ਈ., ਪੀ.ਪੀ.ਸੀ.ਬੀ.

**STATE EXPERT APPRAISAL COMMITTEE, PUNJAB**  
**Ministry of Environment and Forests, Government of India**

O/O Punjab Pollution Control Board,  
Vatavaran Bhawan, Nabha Road,  
Patiala – 147 001  
Telefax:- 0175-2216980

**No. SEAC/2016/3324-3337**

**Dated 12.09.2016**

To

- |   |                 |
|---|-----------------|
| 1. Sh. Kuldip Singh, IFS (Retd),<br>House No. 2704, Sector-69,<br>Mohali-160062   | Chairman (SEAC) |
| 2. Shri Harbax Singh,<br>House No. 2917, Sector-42-C,<br>Chandigarh-160036  | Member (SEAC)   |
| 3. Er. Malvinder Singh, FIE,<br>House No. 10, Gill Enclave,<br>Near Hira Nagar, Patiala.  | Member (SEAC)   |
| 4. Prof. P. Thareja,<br>House No. 1010, Sector 42-B,<br>Chandigarh-160036   | Member (SEAC)   |
| 5. Sh. Nirmal Singh Kahlon,<br>5-D, Passy Road, Patiala   | Member (SEAC)   |
| 6. Dr. Arun Kumar Yeluri,<br>Door No. 1-2-33/37, Meridian Enclave,<br>Prasanth Nagar, Hdernagar, Nizampet<br>Road, Hyderabad-500085                   | Member (SEAC)   |
| 7. Sh. Jaswinderjit Singh Sekhon,<br>5, Bhupindra Road, Near YPS,<br>Patiala-147001.  | Member (SEAC)   |
| 8. Dr. Akepati Sivarami Reddy,<br>Associate Professor & Head,<br>School of Energy & Environment,<br>Thapar University, Patiala.                       | Member (SEAC)   |
| 9. Dr. Manpreet Singh Bhatti,<br>Assistant Professor<br>Deptt. of Botanical & Environment<br>Sciences, Guru Nanak Dev University,<br>Amritsar-143005. | Member (SEAC)   |

10. Dr. V.K. Singhal, Member (SEAC)  
Department of Botany,  
Punjabi University, Patiala  
House No. 47-A, Kaka Colony (Near 23 No.  
Phatak), Patiala.
11. Dr. Sandeep Singh Viridi, Member (SEAC)  
Assistant Professor,  
School of Management Studies,  
Punjabi University,  
House No. 431, Urban Estate,  
Phase-I, Patiala

**Subject: Regarding convening of 150<sup>th</sup> meeting of State Expert Appraisal Committee on 16.09.2016 at 10.00 AM at Patiala.**

This is to inform you that 150<sup>th</sup> meeting of State Expert Appraisal Committee will be held on **16.09.2016 at 10.00 AM in the Committee Room, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.**

You are requested to make it convenient to attend the meeting on the above said date, time and venue. The agenda of the meeting is being sent separately.

**Secretary (SEAC)**

**Endst. No. 3335-3337**

**Dated 12.09.2016**

A copy of the above is forwarded to the following for information & necessary action:-

1. The Environmental Engineer (Construction), Punjab Pollution Control Board, Patiala. He is requested to depute an operator for operating the D.G. set during the meeting.
2. The Deputy Controller (F&A), Punjab Pollution Control Board, Patiala. He is requested to pay T.A./D.A. to the members of the Committee.
3. The Caretaker, Punjab Pollution Control Board, Head Office, Patiala for making proper arrangements to conduct the meeting.

**Secretary (SEAC)**

**Subject: Regarding convening of 150<sup>th</sup> meeting of SEAC on 16.09.2016.**

It is submitted that the matter regarding convening of **150th meeting** was discussed with Chairman telephonically and it has been decided to fix the date of meeting on **16.09.2016 at 10.00 AM** in the Committee Room, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala. FD in this regard is placed below for signature please.

**A.E.E (SEAC)**

**E.E. (SEAC)**



**Subject: Draft agenda for 144<sup>th</sup> meeting of the State Expert Appraisal Committee scheduled to be held on 19.04.2016.**

It is submitted that 144<sup>th</sup> meeting of SEAC is scheduled to be held on 19.04.2016 and the intimation in this regard vide mail dated 11/04/2016, has been sent to all concerned.

It is further submitted that the draft agenda for 144<sup>th</sup> meeting has been prepared and is placed below for kind perusal & approval and approval for sending the same to all concerned.

**A.E.E (SEAC)**

**E.E. (SEAC)**