

## Minutes of the 459<sup>th</sup> Meeting of SEIAA dated. 05.12.2017

The 459<sup>th</sup> meeting of the State Level Environment Impact Assessment Authority was convened on 05.12.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Rakesh K. Shrivastava, Chairman, SEIAA. The following members attended the meeting:-

1. Shri R.K. Sharma Member
2. Shri P Narahari Member Secretary

**A. Following other than mining cases and mining cases received from SEAC and additional queries have been considered:-**

S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	5470/2016	5(f)	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
2.	5594/2017	1(a)	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
3.	5493/2017	7(da)	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
4.	5586/2017	6(b)	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
5.	5592/2017	1(a) B2	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
6.	5593/2017	1(a) B2	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
7.	5590/2017	1(a) B2	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
8.	3259/2015	1(c)	298 <sup>th</sup> SEAC meeting dtd. 17.11.2017
9.	2805/2015	5(f)	454 <sup>th</sup> SEIAA meeting dtd. 07.11.2017
10.	5524/2017	7(i)	458 <sup>th</sup> SEIAA meeting dtd. 27.11.2017

1. **Case No 5470/2016** : Prior EC for Manufacturing of Polyester Resin-Polyethylene Terephthalate (PET) Chips -99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Plot No 1, New Industrial Area Ujjaini (MPAKVN) Village- Ujjaini Tehsil & District- Dhar (M.P.) at total Plot area 263992.93sq.m (65.64 acres) by Pradeep Kumar Agrawal Vice President Commercial, M/s Vacmet India Ltd. 4/117-2A, Anant Plaza, Civil Lines, Church Raod, Agra2 (UP)-282002 email- vacmetindore@vpiplmail.co.in, Ph 0562- 4050404

- i. The project proposal is to set up manufacturing of Polyester Resin - Polyethylene Terephthalate (PET) Chips- 99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Village - Ujjaini, P.O. - Digthan, Tehsil & District - Dhar (M.P.)
- ii. The project is covered under 5 (f) category B of the Schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533(E), dtd. September 14, 2006 and its amendments.
- iii. There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- iv. The project is located in notified New Industrial Area Ujjaini (MPAKVN), hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- v. The case was discussed in 285<sup>th</sup> SEAC meeting dated 26/12/2016, and 298<sup>th</sup> SEAC meeting dtd. 17.11.2017 and recommended for EC.

The case was scheduled for the presentation today wherein PP and their consultant were present. During presentation some data discrepancies were found in water requirement, waste water generation, water balance chart etc.

(P Narahari)  
Member Secretary

(R.K. Sharma)  
Member

(Rakesh K. Shrivastava)  
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PP & his consultant requested that they will not be able to clarify the same in this meeting and requested for its rescheduling in the forthcoming meetings. The authority after deliberations decided that on request of the PP this case may be scheduled in the upcoming meetings of the SEIAA.

2. **Case No. - 5594/2017** Prior Environment Clearance for **Iron Ore Deposit** in an area of 8.59 Ha.. (2,00,000 TPA) (Khasra no. 407/1 (old), 668/1 part (New)) at Village Ghugharikala, Tehsil - Sihora, Dist. Jabalpur (MP) by M/s Nirmala Minerals, Pathak Ward, District - Katni, MP - 483501

This case was discussed in 298<sup>th</sup> SEAC meeting dtd. 17.11.2017, ToR recommended by SEAC is hereby approved.

3. **Case No. - 5493/2017** Application for EC for Bhopal Incinerators Limited at 6/5, H Sector, Govindpura Industrial Area, Bhopal at total plot area- 15000 sq.ft. with proposed capacity 1200 KG/day by Managing Director, Dr. Anoop Hajela 6/5, H Sector, Govindpura Industrial Area, Bhopal (M.P)- 462023 email : [bpl\\_incinerators@yahoo.com](mailto:bpl_incinerators@yahoo.com)

i. The project is common bio-medical waste treatment facility project of Bhopal Incinerators Ltd. and the site is located at 6/5, Sector-H, Industrial Area, Govindpura, Bhopal, (M.P.)

ii. The proposed project is for setting up of common bio-medical waste treatment facility and falls under Category "B" Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. The total land area of the project is 1394.05 sq.mt. and includes following facilities :

Incinerator : 2 machines with capacities of 100 kg/hr and 50 kg/hr

The other one acts as a backup during maintenance schedule

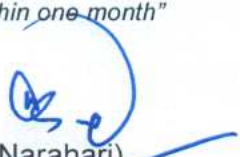
Autoclave: 2 autoclaves of capacity 430 litres each

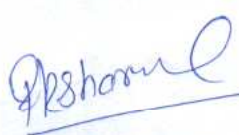
Shredder: 3 shredders of capacities 100 kg/hour, 50 kg/hour and 20 kg/hour


- iii. Earlier case was discussed in 286<sup>th</sup> SEAC Meeting dated 28th January 2016 wherein it is recorded that:

*"The case was scheduled for presentation today as per the order passed by the Hon'ble NGT, (CZ Bench) Bhopal on dated 05/01/2017 and issuance of TOR to carryout EIA study as per the provisions of EIA Notification, 2006. On perusal of the case file, committee observed that Hon'ble NGT, (CZ Bench) Bhopal on dated 05/01/2017 has passed an order stating: "that the SEAC consider the issuance of terms of reference and take decision in the matter within 30 days from today. It would be responsibility of the respondent no.1 to convey our above order to SEAC for necessary action in that behalf".*

*PP has applied for EC in compliance of order passed by Hon'ble NGT, (CZ Bench) Bhopal on dated 06/05/2016 stating: "the respondent no.1 has so far not applied for the grant of EC, they will submit the application forthwith and on submission of such an application the, MPPCB/MPSEIAA will depute a team to carry out the inspection of the premises for either grant or refusal of the EC and to consider the same and decide the said application in accordance with law, in case, any short coming are noticed during such inspections they should be pointed and the respondents would rectify the same within one month"*

  
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Accordingly the case was discussed in 298<sup>th</sup> SEAC meeting dtd. 17.11.2017 and recorded that :-

....."Subsequent to discussion with the Regional Officer, Bhopal and PP, committee after deliberations recommend to SEIAA that in accordance with the verdict of the Hon'ble NGT, Principal Bench, New Delhi decided on dated 28/11/2013 in case of Haat Supreme Wastech Pvt. Ltd. V/s State of Haryana in appeal no. 63/2012 and direction of Hon'ble NGT, Central Zonal Bench, Bhopal dated 06/05/2016 and 05/01/2017 in case of Balwant Singh Raghuvanshi V/s M/s Bhopal Incinerators Ltd. & Ors in OA No. 05/2016 (CZ), Standard TOR as prescribed by the MoEF&CC may be issued to the PP and issues raised by the Regional Officer, Bhopal for improvement in facility may be incorporated in the EIA studies as additional TOR points".

- iv. The matter was also discussed before NGT on 23.11.17 & NGT passed an order in which it was stated that:-

The Learned Counsel for the parties have informed that in the meanwhile, an application for Environmental Clearance (EC) has been filed by the respondent no. 1 before the SEIAA and the same is pending for decision. In the facts and circumstances of the case and fact that the application for EC is pending before SEIAA, we deem it just and proper to direct that this Original Application be kept pending till the same is decided. SEIAA is directed to decide the application for EC by 31.12.2017. It is expected from respondent no. 1 to cooperate in the said proceeding before SEIAA, on every date of hearing. As soon as the application for EC is decided by SEIAA information be sent to this Tribunal immediately. Thereafter, the present matter will be considered.

**This case was discussed in 298<sup>th</sup> SEAC meeting dtd. 17.11.2017 and ToR recommended by SEAC is hereby approved.**

4. **Case No 5586/2017** : Prior Environment Clearance for Storage Capacity Expansion at Ratlam POL Terminal, Bangrod, Ratlam, MP Existing Capacity -77,918 KL POL products Proposed Capacity- enhance the POL storage capacity of the plant by constructing 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank along with the additional wagon /unloading facility, product pump house and new mechanized OWS/ETP. Total Plot area 35.17 ha (97 Acres) by M/s Indial Oil Corporation Ltd (MD), through General Manager Shri Dharmesh Singh

- i. This is storage capacity enhancement project of petroleum product at IOCL Ratlam terminal from 77,918 KL to 1,63,918 KL by constructing tanks of 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank at Indian Oil Corporation Ltd.(MD) , Ratlam POL terminal, Bangrod, Ratlam- 457111 (Madhya Pradesh). In addition to above storage capacity expansion, following facilities will be added in proposed expansion project.

- 2nd Spur tank wagon railway loading/unloading facility.
- Product pump house for tank wagon unloading.
- New mechanized OWS/ETP.
- The configuration of 2nd Spur tank wagon Gantry facilities are as follows.
- Second spur will be constructed for loading & unloading purpose.
- The length of second spur would be around 650 M.
- The second spur facility would be used for loading for MS, HSD, SKO & ATF.
- Implementation of Automation for loading operation.

(P Narahari)  
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- ii. There is no interstate boundary and no National Park / Sanctuary within the 05 km of the project area hence the general conditions are not attracted.
- iii. The project includes isolated storage & handling of hazardous chemicals and covered under 6 (b) category of the MoEF, GoI EIA Notification, 2006 and its amendments.

**This case was discussed in 298<sup>th</sup> SEAC meeting dtd. 17.11.2017, ToR recommended by SEAC is hereby approved.**

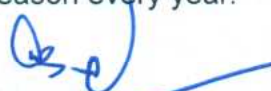
5. **Case No. - 5592/2017** - Prior Environmental Clearance for Sand Mine on Kanhan River (Open cast manual method) in an area of 8.0 Ha. for production capacity of 53400 cum per year (as per SEAC recommendation) at Khasra no. 01 at Village-Partapur, Tehsil - Sausar, Dist. Chhindwara (MP) by Shri Satish Singh Thakur, Vill. Ambada, Tehsil - Pandurna, Dist. Chhindwara, MP - 480334

This case was recommended in 298<sup>th</sup> SEAC meeting dated 17.11.17 and it was recorded that :-

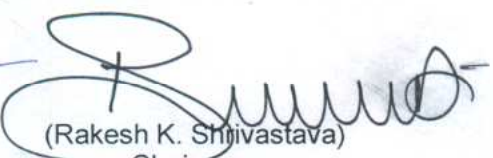
*".....PP has submitted the reply of above query vide letter dated 17/11/2017 which was placed before the committee. Committee observed that area blocked due to leaving 200 meters from the both sides of bridge now will be 16,000 sq. meter as per the revised operational production plan. As per the approved mine plan the available mining area was 51,600 SQM. Thus deducting 16,000 SQM areas from the available area, the remaining minable area will be 35,600 SQM. Considering the depth of 1.50 meters as per the approved mine plan, the extratable sand from this lease will be only 53,400 Cum/year. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B'".*

**After detailed discussions and perusal of recommendations of 298<sup>th</sup> SEAC meeting dated 17.11.17, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-**

- (i). The production capacity shall be limited to the quantity approved by SEAC.
- (ii). No in-stream mining shall be allowed.
- (iii). The depth of the pit shall be as per Approved Mining Plan.
- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The final decision of Hon'ble NGT (CZ) Bhopal and Hon'ble NGT Principal Bench, New Delhi in OA No. 49/2015 (Amarkant Mishra Vs State of MP & others), shall be obligatory on the part of PP.
- (vi). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vii). PP must ensure implementation of the following activities as committed before SEAC with separate budget provision should be kept under CSR.
  - a) Social welfare activities i.e. distribution of study material (books, copies etc.) to poor students, distribution of warm clothes and blankets in winter season every year.

  
(P Narahari)  
Member Secretary

  
(R.K. Sharma)  
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- b) Contribution for sports activity & extracurricular activities in school & villages area.
- c) Contribution for digital India (2 computer will be set up in Gram Panchayat Office).
- d) Contribution for Infrastructure development - community centres, roads and water storage tank.
- e) Contribution for Aaganwadi Kendra
- f) Contribution for Swachchh Bharat Abhiya

**The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram panchayat.**

Hence, Prior Environmental Clearance is granted for Sand Mine on Kanhan River (Open cast manual method) in an area of 8.0 Ha. for production capacity of 53400 cum per year (as per SEAC recommendation) at Khasra no. 01 at Village- Partapur, Tehsil - Sausar, Dist. Chhindwara (MP) for the lease period to Shri Satish Singh Thakur, Vill. Ambada, Tehsil - Pandurna, Dist. Chhindwara, MP – 480334

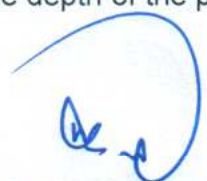
6. **Case No. - 5593/2017** - Prior Environmental Clearance for Sand Mine (Open cast manual method) on Kanhan River in an area of 9.757 ha. for production capacity of 36120 cum per year (as per SEAC recommendation) at Khasra no. 43 at Village- Baradevi Khapa, Tehsil-Sausar, Dist-Chhindwara (MP) by Shri Devesh Deshmukh, 392, Siratha, Tehsil-Pandurna, District-Chhindwara (MP)–480334.

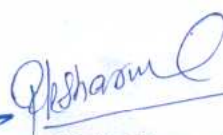
This case was recommended in 298<sup>th</sup> SEAC meeting dated 17.11.17 and it was recorded that :-

*".....PP has submitted the reply of above query vide letter dated 17/11/2017 which was placed before the committee. Committee observed that area blocked due to leaving 100 meters from the both sides of natural drain now will be 18,000 sq. meter as per the revised operational production plan. As per the approved mine plan the available mining area was 48,100 SQM. Thus deducting 18,000 SQM areas from the available area, the remaining minable area will be 30,100 SQM. Considering the depth of 1.20 meters as per the approved mine plan, the extractable sand from this lease will be only 36,120 Cum/year. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':."*

**After detailed discussions and perusal of recommendations of 298<sup>th</sup> SEAC meeting dated 17.11.17, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-**

- (i). The production capacity shall be limited to the quantity approved by SEAC.
- (ii). No in-stream mining shall be allowed.
- (iii). The depth of the pit shall be as per Approved Mining Plan.

  
(P Narahari)  
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(R.K. Sharma)  
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- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The final decision of Hon'ble NGT (CZ) Bhopal and Hon'ble NGT Principal Bench, New Delhi in OA No. 49/2015 (Amkant Mishra Vs State of MP & others), shall be obligatory on the part of PP.
- (vi). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vii). PP must ensure implementation of the following activities as committed before SEAC with separate budget provision should be kept under CSR.
  - a) Social welfare activities i.e. distribution of study material (books, copies etc.) to poor students, distribution of warm clothes and blankets in winter season every year.
  - b) Contribution for sports activity & extracurricular activities in school & villages area.
  - c) Contribution for digital India (2 computer will be set up in Gram Panchayat Office).
  - d) Contribution for Infrastructure development - community centres, roads and water storage tank.
  - e) Contribution for Swachchh Bharat Abhiya.

**The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram panchayat.**

**Hence, Prior Environmental Clearance is granted for Sand Mine (Open cast manual method) on Kanhan River in an area of 9.757 ha. for production capacity of 36120 cum per year (as per SEAC recommendation) at Khasra no. 43 at Village-Baradevi Khapa, Tehsil-Sausar, Dist-Chhindwara (MP) for the lease period to Shri Devesh Deshmukh, 392, Siratha, Tehsil-Pandurna, District-Chhindwara (MP)- 480334.**

7. **Case No. - 5590/2017** Prior Environmental Clearance for **Sand Mine on Kanhan River** (Open cast manual method) in an area of 10.20 Ha. for production capacity of 125000 cum per year at Khasra no. 136, 202 & 203 at Village- Sayra, Tehsil - Sausar, Dist. Chhindwara (MP) by M/s Sainik Foods Pvt. Ltd, HIG-5, Deendayal Nagar, Phase-1, Kanth Road, Muradabad, UP

This case was recommended in 298<sup>th</sup> SEAC meeting dated 17.11.17, PP may be invited for presentation.

8. **Case No. 3259/15:** Prior Environment Clearance for proposed Parasдох Medium Life Irrigation Project with GCA-13467 ha., CCA-12120 ha., Catchment Area- 588.50 sq. Km. at Village-Pachdhar, Tehsil-Multai, District-Betul (MP) by Shri M.G. Choosey, Engineer-in-Chief, Water Resources Department, Jail **Sansadhan** Bhawan, Tulsi Nagar, Bhopal (MP)-462003

  
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- i. This is case of Prior Environment Clearance for proposed Parasdoh Medium Life Irrigation Project at Village-Pachdhar, Tehsil-Multai, District-Betul (MP)
- ii. The proposed project is a river-valley project with catchment area of 588.50 sq.km. The Gross Command Area (GCA) is 13467 ha and Culturable Command Area (CCA) is 12120 ha. There is no wildlife sanctuary, National park or interstate boundary within 10 km of the project area hence General Conditions are not attracted. The project pertains to Item No. 1(c) category 'B' of the EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. September 14, 2006 and its amendments.
- iii. The case was 218<sup>th</sup> SEAC Meeting dated 24/08/2015, 296<sup>th</sup> SEAC meeting dated 07/11/2017 and 298<sup>th</sup> SEAC meeting dtd. 17.11.2017 and recommended for EC.

**This case was recommended in 298<sup>th</sup> SEAC meeting dtd. 17.11.2017, PP may be invited for presentation.**

9. **Case No 2805/2015** Application for Prior EC for proposed Manufacturing of bulk drugs (Vitamins and intermediate ) expansion of Existing Unit named Vista Organics Pvt. Ltd. located at Plot No. 06 New industrial area Phase II Mandideep Dist Raisen. Land area : 5.51 Acre Existing Production Capacity : 2.3 Lutidine - 15 MT/ Y ; 2.6 Di Picolinic acid 25/MT/ Y ; 3.5 Lutidine 15 MT/Y ; Alpha Picolinic acid ; 25 MT/Year Chromium Picolinic acid ; 5 MT /Y Chromium Poly Nicotinate ; 5 MT/Y Iso Nicotinic acid ; 150 MT/Y Isoniazid, Niacin ; 150 MT/Y Mythyl Nicotiate ; 10 Mt/Y Niacinamide ; 150 MT/Y Pyrazinamide ; 90 MT/Y Zinc Picolinate ; 25 MT/Y ; by Shri S.C.Mathur (Vice President) Plot No. 06 New Industrial area Phase II Mandideep Raisen M.P- 462046 E-mail [ushma@resonancesl.in](mailto:ushma@resonancesl.in) Telephone No. 07480-424001

- (1) This is a case of expansion of existing Manufacturing of bulk drugs, Vitamins and Intermediate. The proposed site is located at Plot No. 06, New Industrial Area Phase-II Mandideep, District- Raisen (M.P.).Air & water consents have been granted to the project by MPPCB and renewed vide letter dtd 02.05.2017 and validity upto 31.03.2019.
- (2) The project is covered under 5 (f) category B of the Schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533(E), dtd. September 14, 2006 and its amendments.
- (3) PP has now applied for Prior Environmental Clearance for expansion of production capacity from 481 to 1800 TPA and accordingly expansion of equipments are as follows:-

Product Groups	Facilities available	Initial 481 TPA	Expansion 1800 TPA
1. Pyridine derivatives	SS Reactor	10	20
	SS Condenser	10	20
	SS Centrifuge,	9	18
	Press Filter	4	8
	Azeotropic distillation setup,	2	5
	Nitric Absorption System (Scrubber)	1	1

(P Narahari)  
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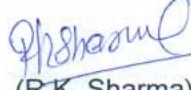
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2. Pyrazine amide acids & its salt	Glass line Reactor, LEAD lining condenser, Sparkler filter, Agitated Nutch Filter	5	7
3. Propionic acid and its derivatives		5	7
4. Methionate derivatives		1	2
		1	2

S.No.	List of Equipments	Details	
		Initial 481 TPA	Expansion 1800 TPA
1	Cooling Tower	3	5
2	Storage Tanks	12	30
3	Boiler	1 TPH	3TPH
4	Air Handling Unit (AHU)	21,000CFM	41,000 CFM

- (4) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (5) The project is located in notified Industrial area Mandideep Dist Raisen, hence as per GoI, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (6) The case was discussed in SEAC meetings 198<sup>th</sup> dated 04/06/2015, 232<sup>th</sup> dated 28/10/2015, 260<sup>th</sup> dated 07/01/2016, 290<sup>th</sup> dated 22/05/2017 and 293<sup>rd</sup> dtd. 17.06.2017 and recommended for EC.
- (7) The case was discussed in SEIAA meetings 217<sup>th</sup> dtd. 10.07.15 to ascertain violation. In this regard SEAC visited the site on 27/08/2015 and found that since 1994 to till date company neither expanded their manufacturing facilities nor have made any changes in product mix.
- (8) The case was also discussed in 454<sup>th</sup> SEIAA meeting dtd.07.11 2017, and decided to call PP for presentation.
- (9) The case was discussed in depth & it is noted that:-
- PP has submitted copy of registered lease deed dated 07.01.1987 between MD, Audyogik Kendria Vikas Nigam (Bhopal) LTD and M/s Vista Organics Pvt. Ltd.. through the Director Mrs Usha Gupta d/o Mr. D.D. Modi an area of 5.51 acre for the period of 99 years.
  - The raw materials will be procured from indigenous and overseas Markets.
  - The source of water supply for the project is MPAKVN (permission letter dtd. 15.12.2016). The total water requirement for the proposed project is 50 KLD (domestic 2.0 KLD, process 30 KLD, Cooling water 1.0 KLD & gardening (07 KLD) which will be met from the existing source. Remaining 10 KLD to makeup cooling tower and boiler recycled water.
  - The total waste water generation for the proposed project is 48.0 KLD. Out of 48 KLD High COD Value water along with RO reject is proposed

  
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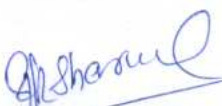
to be sent to TSDF site for disposal, If TSDF refuses to take this effluent the same shall be disposed through in-house MEE and remaining will be disposed through ETP. Thus the production process is zero discharge.

- (v) The solvent will be generated from manufacturing process of all the products shall be collected & sold off to authorized re-processor for distillation of mixed solvent or shall be distilled in the proposed solvent distillation system.
- (vi) The main sources of air emission expected from to use of Nitric Acid and subsequently development of Nox.. For which PP has installed and commissioned NOx scrubbing system for Nitric Acid. Recovery which is working 100% perfect due to which there is nil imitation of NOx
- (vii) The Solid waste mainly generated as ETP sludge, Inorganic salts and spent carbon. These wastes are hazardous in nature as they emanate from the chemical reaction or un-reacted chemical waste. The ETP Sludge and spent carbon will be transfer to Madhya Pradesh Waste management agency RMKE as per authorization of hazardous waste management consent issued by MPPCB.
- (viii) PP has proposed roof top rain water harvesting for recharging of ground water.
- (ix) PP has included disaster management plan, fire fighting plan on-site, off-site emergency plan in the EIA report.
- (x) PP has submitted 10000 sq.m. area shall be developed as green belt by planting 500 nos of trees including roads, Govt. building, School dispensary etc.
- (xi) Under CSR activities PP has proposed medical camps, drinking water facility, Adoption of surrounding villages and constructed 2 toilets, public welfare under Swach Bharat Abhiyan, with budgetary provision of Rs. 15.0 lakh

The submissions made by the PP were found to be satisfactory and acceptable hence It is decided to accept the recommendations of 293<sup>rd</sup> SEAC meeting dtd. 17.06.17 with 25 special conditions and accord Prior Environmental Clearance for proposed Manufacturing of bulk drugs, Vitamins and intermediate expansion of Existing Unit of Vista Organics Pvt. Ltd. at Plot No. 06 New industrial area Phase II Mandideep Dist Raisen. Land area : 22296.73 sq.m. Existing Production Capacity 481 MTA / Year and after expansion production capacity of 1800 MT / Year by Shri S.C.Mathur (Vice President) Plot No. 06 New Industrial area Phase II Mandideep Raisen M.P- 462046, **subject to following specific conditions imposed by SEIAA:-**

1. The entire demand of fresh water should be met through MPAKVN water supply and existing bore well no additional bore well be allowed for withdrawal of ground water.
2. **Waste water:**
  - (a) PP should maintain zero discharge from the Industry as proposed.
  - (b) Separation of High & Low COD values effluent for better management of process effluent.

  
(P Narahani)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



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(c) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.

(d) There shall be no industrial effluent discharge from the unit.

**3. For Air Pollution:**

(a) PP should ensure air pollution control measures and stack height as proposed in the EIA/ EMP.

(b) The performance of air pollution control system should be regularly monitored and maintained.

(c) PP should ensure regular stack monitoring & ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.

(d) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.

(e) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.

(f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.

(g) High efficient four stage acid/alkali scrubber should be provided.

(h) Transportation of raw material and finished goods should be carried out in covered trucks.

(i) For control of fugitive emission and VOCs following steps should be followed:-

- Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency is not be less than 98%.
- Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
- Closed handling system should be provided for chemicals.
- System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
- Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

**4. Hazardous Waste:**

(a) PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.

(b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.

(c) PP should obtain renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling

(P Narahan)  
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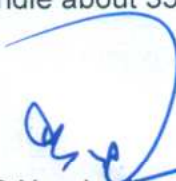


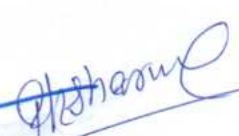
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- & Trans Boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtained for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.
  - (e) PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
  - (f) PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
5. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
6. **Green Belt:**
- (a) PP should ensure to maintain the developed trees existing in the site and it will be not to allow cutting.
  - (b) Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc.
  - (c) Every effort should be made to protect the existing trees on the plot.
  - (d) Pollution control trees should be planted in the green belt area PP should avoid to plant fruity trees in the project area.
7. PP should ensure the implementation of CSR activities on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for construction of toilets and installation of 05 hand pumps to fulfill the requirement of drinking water for villagers as committed.
10. **Case No.5524/2017:** Prior Environmental Clearance for proposed Development of an Integrated MSW Processing and Disposal Facility at Village- Maswasi Grant District- Sagar (MP) by Sagar MSW Solutions Private Ltd. through Director Sagar MSW Solutions Private Ltd 13th Floor, Ramky Grandiose Ramky Towers Complex, Gachibowli Hyderabad, TS – 500032 email : monitoring-ec@nic.in Mobile: 08978756767

The case was discussed in 458<sup>th</sup> SEIAA meeting dtd. 27.11.2017 and recorded that:-

- (1) The proposed project is "Integrated Waste Management Facility" at Village- Maswasi Grant District- Sagar an area of 14.38 hectares ha. The land is allocated Nagar Palika Nigam Sagar. The project includes 10 other surrounding urban local bodies (ULBs) Makronia, Banda, Khurai, Rehli, Grahakota, Bina, Deori, Rahatgarh, Shahgarh and Shahpur located within 50 km radius from Sagar with an inter-ULB agreement for MSW Management..
- (2) Sagar Municipal Corporation estimates that the current total waste generation (considering Sagar town and 10 surrounding ULBs together) to be about 200 TPD. However, considering the population projection and the waste generation forecast, it is proposed to establish the Integrated Waste Management Facility to handle about 350 TPD.

  
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- (3) The project is covered under 7(i) category B of the EIA Notification issued by the Ministry of Environment & Forest vide S.O.1533 (E), dated September 14, 2006 and its amendments.
- (4) There is no National park / Sanctuaries, Eco-sensitive areas (DFO letter dtd 21.01.17), critically polluted areas and inter-State boundaries within 10 km of the proposed site, hence, general conditions are not attracted as per EIA Notification 2006.
- (5) The case was discussed in 288 meeting dtd. 30.03.2017 and 297<sup>th</sup> meeting dtd. 08.11.2017 and is recommended for grant of prior EC subject to 52 special conditions.
- (6) After deliberation the case was discussed in depth and it is noted that :-
- For Implementation of the proposed project PP has submitted concession agreement dtd 27.03.2015 between Nagar Palika Nigam Sagar, Ramky Enviro Engineers Limited and Sagar MSW Management private Limited. As per the land documents the land is the name of Nagar Palika Nigam Sagar.
  - Public Hearing for the proposed project was conducted on 07 September 2017 at Village- Maswasi Grant District- Sagar, M.P under the Chairmanship of Add Collector, Sagar. Some issues regarding, environment pollution, employment to local people, education facility for children and fear of pollution emanating from the establishment of the dumping site area were raised during the Public Hearing which were addressed by PP.
  - The water requirement for operating the proposed project is about 25 KLD. The source of fresh water is proposed to be met from Municipal Corporation Sagar as well as supplementing external tankers also.
  - The waste water generation would be around 12.0 KLD and the wastewater shall be treated in treatment plant and the treated wastewater shall be reused in incinerator/landfill/greenbelt etc
  - The plant is designed with a closed windrow, and best practices are followed during landfill operation, minimum quantity of leachate will be generated which either will be circulated to landfill, sprayed on landfill for dust control, use to keep the windrows moist. Any excess leachate that accumulates after following the above mentioned activities will be utilized in spray drier connected to the incinerator to bring down the high temperature of the flue gases before passing through scrubbers and other air pollution control devices. Effluent from floor washing, equipment wash, workshop etc. shall be collected, treated in O&G trap, settling tank and recycle back for dust suppression.
  - PP has proposed Zero Liquid Discharge (ZLD) system, neither surface water nor ground water will have any impact. No negative impacts on water bodies/ rivers/ ponds have been envisaged. Runoff water from the site gets collected in a tank and if there is any overflow will be diverted to greenbelt. Leachate/runoff water will not be let out from the premises.

(P Narahari)

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Chairman

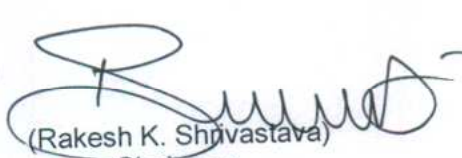


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- vii. PP has proposed solar powered internal lighting. Equipment to be utilized shall be energy efficient. Appropriate area allocated for vehicle parking.
- viii. The project solid waste will be treated in the proposed MSW facility. There will not be any hazardous waste entering into the proposed MSW facility. However, waste oil from DG set will be sent to local approved recyclers.
- ix. Collection of runoff water in working pit shall be used to irrigate greenbelt plantation.
- x. Leachate shall be collected into leachate wells, sprayed back into the landfill, excess shall be disposed into spray drier or incinerator. No direct discharge of wastewater to be made to surface water, groundwater or soil.
- xi. For storm water management PP has proposed the following:-
  - (a) Storm water will be diverted around the landfill site via perimeter drains which will direct storm water to an onsite storage tank.
  - (b) The onsite storage tanks and perimeter drains are sized to contain runoff.
  - (c) All measures will be taken to ensure leachate and storm water do not get in direct contact. No leachate will be mixed with storm water.
  - (d) Storm water will be diverted from resource recovery facilities and composting operation to avoid contamination of surface water from composting waste material and waste stockpiles.
- xii. The expected air pollution sources are emissions from the incinerator & DG sets. For control of air pollution PP has proposed venturi scrubber followed by flooded scrubber, wet scrubber.
- xiii. PP has proposed to construct concreted/asphalted Internal roads to reduce dust emission and tree plantation around the project boundary.
- xiv. The ash generated from the incinerator will be used as a daily cover for landfill along with soil and mud and Sludge generated in leachate pond would be sent to landfill.
- xv. No hazardous materials and hazardous wastes / bio-medical waste shall be transported along with the domestic waste .
- xvi. For fire fighting PP has proposed to provide firefighting equipment at appropriate locations ABC type fire extinguisher( 5 Kgs,2 Kgs), Foam type fire extinguisher 50 Ltrs, CO2 type fire extinguisher 4.5 Kgs, Hydrant Post , 10 liter sand bucket, Hose reel Trailer driven pump etc.
- xvii. The energy requirement for operating the proposed Integrated MSW Processing and Disposal Facility is about 0.5 MW. The electricity requirement will be fulfilled by MPTRANSCO. Sufficient capacity DG Sets (750 KVA) are proposed for power backup.

  
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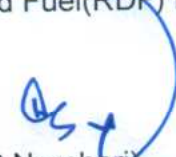
- xviii. PP has proposed to develop green belt in an area of 11.73 acres with a width of 10 m all along the boundary and thick greenbelt in the entire stretch from the village road to the proposed site. and also in all open areas.
- xix. CSR activities PP has proposed loan for youth self employment, conducting skill inculcating, women empowerment programme skill development training programme, organisation medical check-up camps, Veterinary camps and Para Vet services to enhance the milk production of existing milk producing households etc.

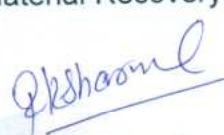
**After deliberations the PP was asked to submit the following :-**

- a) Proposal of CSR activities in consultation with district administration/ Gram panchayat with appropriate budgetary provision.
- b) Copy of Resolution passed by urban local bodies(ULBs) of concerning villages.
- c) Mode of segregation & proper disposal of plastics materials, glass materials collected with municipal solid waste.
- d) Mode of disposal of animal carcass on landfill area.
- e) Other process used for disposal of waste except landfill.
- f) Measures for prevention of pollution in nearby villages of the proposed site.

**In response to above quarries PP has submitted following:-**

- a) Under revised CSR activities PP has proposed Installation of hand pumps, Infrastructure development of schools like drinking water provision and sanitation facility, health immunization camps, construction of 15 toilets in the needy villages. Apart of these PP has also proposed to construct total of 150 toilets in the project area targeting poorest and marginalized/backward households. For Implementation of these activities PP has earmarked the fund of **Rs. 250.5 Lakhs** i.e. 5% of the project cost. This fund shall be utilized over a period of 3 years. Thereafter the company shall allot 2% of the annual profit towards the same.
- b) An Inter ULB agreement made between Sagar Municipal Corporation and 10 other participating ULBs entered into an inter-ULB agreement for MSW management to ensure compliance with SWM Rules, 2016.
- c) Maximum segregation shall be made at source through extensive awareness programme for recovery of recyclables. In addition in the Material Recovery Facility (MRF), recyclables shall be recovered through manual sorting, trammels, magnetic separators etc.
- d) The dead animals are picked up and transported in a separate vehicle and will be brought to the ISWM facility and directly sent to the animal carcass incinerator, where controlled incineration methodology will be used to incinerate the animal carcass.
- e) Based on the waste characteristics in the service area, PP has proposed dry fermentation(anaerobic digestion), Compost plant(aerobic digestion), Refuse Derived Fuel(RDF) facility and Material Recovery Facility(MRF) etc.

  
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- f) For prevention of pollution PP has proposed regular water sprinkling, tree plantation, incinerator with 30 m stack height, air pollution control devices such as spray dryer, venture scrubber, wet scrubber etc, Adequate measure for leachate and storm water management.

The submissions made by the PP were found to be satisfactory and acceptable hence It is decided to accept the recommendations of 297<sup>th</sup> SEAC meeting dtd.08.11.17 with 52 special conditions and accord Prior Environmental Clearance for Proposed " Development of an Integrated MSW Processing and Disposal Facility at Village- Maswasi Grant District- Sagar (MP) by Sagar MSW Solutions Private Ltd. through Director Sagar MSW Solutions Private Ltd 13th Floor, Ramky Grandiose Ramky Towers Complex, Gachibowli Hyderabad, TS – 500032 **subject to following specific conditions imposed by SEIAA:-**

1. PP should ensure to make arrangement for fulfillment the requirement of water in consultation with GGWA.
2. PP should ensure proper segregation before dumping the waste on the site. No hazardous waste/bio medical waste shall be allowed to be dumped on the MSW landfill site
3. PP should ensure periodic odour monitoring in and around the site, and adopt ecosorb spray to minimize the odour nuisance.
4. Proper road network with concrete road and parking facility should be provided for employees and vehicles being used for collection & disposal of MSW.
5. PP should ensure to develop green belt in an area of 11.73 acres with a width of 10 m all along the boundary and thick greenbelt in the entire stretch from the village road to the proposed site and also in all open areas as proposed.
6. Waste segregation technology should be explored on the project site.
7. If Bio medical/hazardous waste is found mixed with MSW, then it should be disposed as per Hazardous/Bio Medical Waste Management Rules.
8. No Burning of waste shall be allowed at the MSW site.
9. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient plant machineries and equipments.
10. PP should ensure harnessing of roof water through recharging pits.
11. PP should establish a lab to monitor air emissions, spot noise level recording, gas quality for landfill area, stack emissions, waste discharge, ground water quality, soil quality etc.
12. A display board should be installed at the entrance gate of the MSW site to provide daily information of the quantity of MSW received during the day and lab analysis report on air, water, noise and odour.
13. Under CSR activities PP has proposed budgetary provision of Rs. 250.5 lakh upto three years, the details of activities under CSR should be finalized in consultation with the District Administration.

*Meeting ended with a vote of thanks to the Chair.*

(P Narahari)  
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(R.K. Sharma)  
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(Rakesh K. Shrivastava)  
Chairman