

Minutes of the 435th Meeting of SEIAA dated. 26.05.2017

The 435th meeting of the State Level Environment Impact Assessment Authority was convened on 26.05.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Waseem Akhtar, Chairman, SEIAA. MS, SEIAA could not attend the meeting as he was on leave. The following member attended the meeting:-

1 Shri H.S. Verma

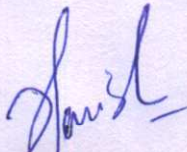
Member

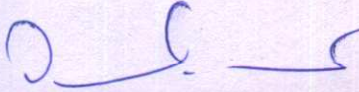
A. Following other than mining and mining cases query response have been considered:-

S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	5439/2016	3(b)	429 th SEIAA meeting dtd. 12.05.2017
2.	1666/2013	3(a)	423 rd SEIAA meeting dtd. 24.04.2017
3.	1947/2014	1(a)	425 th SEIAA meeting dtd. 28.04.2017
4.	3093/2015	1(a) B2	-
5.	3095/2015	1(a) B2	-
6.	4371/2015	1(a) B2	-

1. **Case No 5439 /2016:** Prior EC for Proposed Clinker grinding unit (2 x2 MTPA) of Wonder Cement Limited at Village- Kherwas, Teshil-Badnawar, District. Dhar, M. P. Land area - 28.50 ha by M/s Wonder Cement Limited through President Shri S.M. Joshi R.K. Nagar Tehsil- Nimbahera District- Chittorgarh(Rajasthan)-312601 email- plant_nbh@wondercement.com Mob:- 01477307000

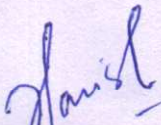
1. The proposed project is pertaining to Clinker grinding unit with production capacity of 2 X 2 MTPA. (Phase – I – 2.0 MTPA Phase – II – 2.0 MTPA) Phase –wise units shall be installed.
2. The proposed project pertains to stand Clinker grinding unit covered under 3(b) category (B) of the schedule of EIA notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 & its amendments and hence is required to obtain prior EC.
3. There is no National park / Sanctuaries, Eco-sensitive areas (DFO letter dtd 26.04.17) critically polluted areas and inter-State boundaries within 10 km (PWD letter dtd. 16.10.17) of the proposed site, hence, general conditions are not attracted as per EIA Notification 2006.
4. The case was discussed in 283rd SEAC meeting dated 27/10/2016 and 289 meeting dtd. 28.04.2017 is recommended for grant of prior EC subject to 30 special conditions.
5. The case was also discussed in 429th SEIAA meeting dtd. 12.05.2017, and decided to PP may call for presentation.
6. After deliberation the case was discussed in depth and it is noted that :-
 - i. The total land area of the project is 28.50 ha (2,85,000 sq.m.) for which lease deed is executed (dtd 23.11.2016) between MD, Industrial Infrastructure Development Corporation (Indore) and M/s Wonder Cement Limited through President Shri Prashant Sharma Plot no I-A & IB, Kherwas, Tehsil Badnawar District Dhar (MP), for the period of 99 years (w.e.f. 23.11.2016 to 22.11.2115).

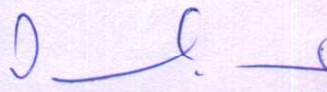

(H.S. Verma)
Member


(Waseem Akhtar)
Chairman

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- ii. Public Hearing for the proposed project was conducted on 07 April 2017 within the premises area of Wonder Cement Limited at village Kherwas, Teshil-Badnawar, District. Dhar under the Chairmanship of Add Collector, Dhar. Some issues regarding, land acquisition & compensation, environment pollution, employment to local people and conservation of water body nearby plant area raised during the Public Hearing which were addressed by PP.
- iii. Raw materials required for the grinding unit are Clinker which will be produced from WCL, Nimbahera, and Gypsum from RSMML Bikaner Rajasthan and fly ash from MPPGENCO, Mundi (M.P.) for Phase I & Phase II. All the required material will be stored in RCC silo.
- iv. The clinker grinding is based on dry process technology with closed circuit and cement will be packed through electronic rotary packers and will be loaded in the trucks with the help of belt conveyor and automatic truck loaders system. The product shall be transported to cement silo mechanically through air slides and bucket elevator. Suitable bag house dust collector for mill venting and separate bag dust collectors for all transfer points shall be provided to control fugitive dust.
- v. The total water requirement for Phase-I is 300 KLD and for phase- II will be 250 KLD, which will be sourced from ground water. PP has submitted CGWA letter dated 07.04.2017 regarding abstraction of ground water.
- vi. It is noted that the project area surrounded by two nalla course i.e, Ruprel nalla and seasonal nalla called as village nalla. Ruprel nalla flowing from south to southeast boundary of the project area. Near the southeast end of the area, it confluences to seasonal nalla (called village nalla) from North. After confluence, nalla is called Ruprel nalla. The flow direction of Ruprel nalla is from southeast to northeast direction beyond the 5 km radius of buffer zone and drain over the flat terrain of alluvium beds.
- vii. There is an existing water body (abandoned quarry) located in the plant area spread over 1.4 ha. & PP has proposed to develop and conserve this as water reservoir with proper fencing, landscaping and barricading as it will help to recharge the ground water also. Fountains will be installed within the water body to oxygenate water.
- viii. Closed circuit cooling system will be implemented for the proposed grinding unit Waste water from softener plant, and cooling bleed will be cause of effluent generation and treated in ETP. The domestic waste water quantity from unit will be about (first phase 8 cum per day & 20 cum per day after phase-II), which will be treated through STP system. PP has proposed following measures to minimize the impacts on water environment are:
 - The raw water requirement shall be optimized. The COC in cooling system shall be maximized (such as COC=8);
 - The Treatment plant of 25 KLD shall be provided up tertiary system i.e. inclusive of ACF, MGF and other polishing unit.

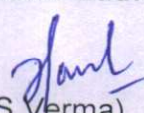

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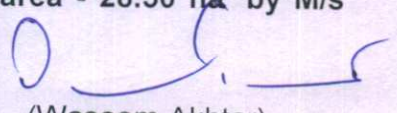

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- Utilization of treated domestic wastewater in greenbelt development and dust suppression;
 - Boundary wall towards the nalla side shall be constructed to avoid storm water flow of factory premises.
 - A drain along the boundary wall should be made , which will join the settling tank/water reservoir to protect the flow of contaminant towards nearby agricultural land
 - Construction of ponds in nearby villages shall be taken up by the unit, which will help in recharging of water table.
 - Regular monitoring and analysis of inlet point and outlet point of nalla.
 - For ground water monitoring purposes two numbers piezometer has proposed.
- x. For control of air pollution PP has proposed the mitigation measures in the plant are: Installation of bag house of efficiency of 99.99% to control the TPM concentrations below 30 mg/Nm³; Provision of stacks with adequate height for wider dispersion of gaseous emissions; Provision of closed silo system for storage of clinker, gypsum and fly ash. Asphalting of the roads (40% + fly ash CC based) within the plant area and provision of pucca road from plant boundary to national highway Road.
- xi. No solid waste will be generated from the cement grinding process. Dust collected from air pollution control equipment will be totally recycled back to the process. The proposed project would rather consume large quantity of fly ash, a solid waste from TPP for manufacturing PPC. Sludge from STP shall be used as Manure, whereas Waste resin from CT and Carbon from ACF shall be given to TSDF Facility.
- xii. PP has proposed 12 recharge pits are proposed for recharge to ground water.
- xiii. The total power requirement in operation phase shall be 14 MW for Phase I and 12 MW for Phase II. The source of power is Madhya Pradesh State Electricity Board.
- xiv. PP has proposed green belt area of 95000 sq.m with plantation of 19000 no. of trees.
- xv. Under CSR activities PP has proposed vocational & skill development training for youth and women as per requirement of grinding unit, providing drinking water facility and sound sanitary practices with budgetary provision of 47.50 lakh.


The submissions made by the PP were found to be satisfactory and acceptable hence It is decided to accept the recommendations of 289th SEAC meeting dtd. 28.04.2017 with 30 special conditions and **accord Prior Environment Clearance for Clinker grinding unit (2 x2 MTPA) of Wonder Cement Limited at Village-Kherwas, Teshil-Badnawar, District. Dhar, M. P. Land area - 28.50 ha by M/s**



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Wonder Cement Limited through President Shri S.M. Joshi R.K. Nagar Tehsil-Nimbahera District- Chittorgarh(Rajasthan)-312601 subject to following specific conditions imposed by SEIAA.

1. PP should ensure that all the material/raw material should be kept in closed enclosure/covered area.
2. PP should abstract the ground water as per CGWA permission.
3. PP should develop and conserve the existing water body within the plant area with proper fencing, landscaping with plantation. Fountains shall be installed within the water body for aeration. No drawal of water shall be permitted from this water body for domestic and industrial purpose.
4. All the treated waste water shall be recycled and reused in the processor for dust suppression and green belt development. No process waste water shall be discharged outside the factory premises and 'zero' discharge should be adopted.
5. PP should install online pollution control monitoring system in the plant premises.
6. PP should ensure to disposal of solid waste as per CPCB / MPPCB Norms.
7. PP should construct settling tank after proper filter media for rain water harvesting.
8. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
9. PP should develop the link road from the National Highway to the plant site by widening the existing road from 6m to 12 m with a service road for the villagers to avoid mixing of plant vehicles with the existing village traffic. Avenue plantation should be carried out after widening of road.
10. PP should also ensure access to the existing schools from the link road to avoid any accidents.
11. PP in consultation with the NHAI should develop smooth curves between the exit from the NH and the link road. Proper signage system be developed on the NH indicating the plant site.
12. All parking areas of trucks for transportation of raw material and finished products should be properly paved and concreted to reduce dust pollution. The service road & staff road should be developed separately.
13. Proper parking bays for control of traffic movement within the plant area and plantation be done on the parking bays.
14. Proper Parking facility should be provided for employees & transport used for collection & disposal of waste materials.
15. PP must ensure to develop area of 95000 sq.m (33% of the plant area) by planting of 19000 trees. PP will make sure to have a green belt all around the periphery of plant area in 7.5 m. width of buffer zone. The plants should be 3 years old and about 6 fit height.
16. PP has proposed to construct a helipad in the plant area. It should confirm to the norms of the Civil Aviation Authority.
17. Necessary provision shall be made for fire-fighting facilities within the complex.


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18. PP should carryout periodical air quality monitoring in and around the site including VOC, HC.
 19. PP should organize proper sanitation program in 15 villages situated around the plant area with water facility in individual toilets. Besides this PP should construct low cost sanitation in school / education institution specially for girls.
 20. PP should plan vocational training and skill development program in higher secondary schools and employment can be provided to local youth.
 21. PP should conduct horticulture awareness training program for villagers to promote orchards for which the margin money and financial support to the villagers should be included in the CSR.
 22. Under the CSR and compliance of the demand raised in the public hearing, PP should develop the existing water body in Khairwas Village and also develop other water bodies within 2 km. radius of the plant site.
 23. All environmental parameters regarding air & water should be analyzed every year and in case of any deviation from the permissible limit, corrective measures be taken for improvement of environmental conditions.
2. **Case No. 1666/2013** Prior Environmental Clearance for Expansion of M/s Rathi Iron & Steel Industries Limited, at Plot No. 808-A, 808-B & 808-C, Sector-III, Industrial Area – Pithampur, Distt. Dhar (M.P.) Proposed Capacity – M S Ingots /Billets– 2,50,000 TPA, Rolling Mill – 2,25,000 TPA, (Existing Capacity - Rolling Mill – 50,000 TPA for production of CTD BARS, TMT, RE BARS, WIRE RODS) Land Area – 75,000 sqm allotted by M.P.A.K.V.N. by M/s Rathi Iron & Steel Industries Limited through Managing Director Mr. Pawan Singhania 103, Laxmi Tower, 1st Floor, 576, M.G. Road, Indore (MP) 452003 Email: info@moirasariya.com (Environmental Consultant Creative Enviro Services, Bhopal)

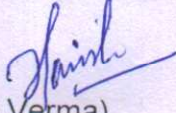
The case was discussed in 423rd SEIAA meeting dtd. 24.04.17 and it was recorded that :-


- (i). EC has been issued to PP Vide letter no. 3669 dtd. 24.02.15.
- (ii). Vide letter dtd. 19.04.17 PP has submitted that the the Prior EC was issued in the plot area of 75000 sq. m. and in July 2016, MPAKVN allotted him one more plotted i.e. 808C comprising 26250 aq.m. for the purpose of MS Billets and purpose ancillary.
- (iii). PP has requested to amend the EC by including plot no. 808C, for the same conditions issued in earlier EC.

From the letter of the PP, it is not clear whether he wants to expand the existing plants and machinery or intends to relocate the plant and machinery on plot No. 808C. PP may be invited on 27.04.2017 to clarify the above query.

After clarification of PP, the case was examined in depth and it is noted that:-

- The prior EC issued by SEIAA for expansion of existing Rolling mill from 50000 MTPA to 225000 MTPA, and for installation of IF to produce 250000 MTPA Ingots, Billets at Plot No. 808A & 808B (area- 75000sq.m.) in Sec-3 I/A Pithampur Dist. Dhar and that time the plot no. 808C was not in possession with PP.
- Now the adjacent Plot No. 808C measuring an area of 26250 sqm was also allotted by MPAKVN in favour of Rathi Industries and Lease deed has been registered on 15/7/2016.


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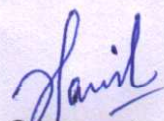
- PP has requested for using the additional plot no 808C (area 26250 sq.m.) 14400 sq.m. area for shed purpose and 9500 sqm for plantation purpose and remaining area of 2350 sq. m. will be left open.
- PP has also submitted an affidavit (dtd 25.05.2017) and committed that he will not change any product, production capacity or product mix at this point, if he will go for any change in product, product capacity or product mix, then he will take fresh EC from MPSEIAA.


In view of above It has been decided that issue an amendment EC letter to PP by including the plot no. 808C in prior EC with following additional conditions:-

1. No new induction furnace except three numbers as recommended by SEAC shall be installed to cover up the increased production capacity. PP can only relocate two furnaces on the new site (plot No. 808C) confirming to all safety and pollution control measures. MPPCB is also directed to monitor the location of these furnaces during the construction phase and see to it that all pollution control measure are in order.
2. PP should get the approval of land utilization of plot No. 808C from AKVN and confirm to their norms of land use in terms of built-up area, open space, circulation area and minimum 33 % of plantation area.
3. No inter connectivity will be permissible from plot No. 808C.
4. The green belt area of plot no. 808c shall not be used for any other purposes.
5. No further expansion or modification in the project/plot no. 808C should be carried out without obtaining prior environmental clearance from the MPSEIAA.

The amendment should be read along with the original EC issued vide letter dtd 24.02.2015. All the conditions mentioned in the prior EC (dtd 24.02.2015) shall remain the same.

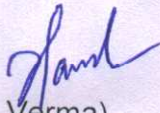
3. **Case No. 1947/2014** Prior Environmental Clearance for **Iron Ore & Dolomite Mine** (Open cast other than fully mechanized method) in an area of 11.82 ha for expansion of production capacity from 7000 MTPA to 188583 MTPA at khasra No. 1295 P, 1309, 1359 P, 1336 P, 1350 at Village- Tigoda, Tehsil-Shahgarh, District-Sagar (M.P.) by Smt. Vandana Modi W/o Shri Abhay Modi, Bara Bazar, Shahgarh, Tehsil-Shahgarh District-Sagar (M.P.).
 - (1) This is a project pertaining to mining of Iron Ore & Dolomite Mine in MLA of 11.82 ha The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-1" by virtue of its location and mining lease area. The nearest forest boundary is about 260m from mining site. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease of 30 years 15.10.2008 – 14.10.2038 with production of 188583 MTPA .



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- (2) It was reported by the PP that the lease area was granted to Smt. Vandana Modi for 30 years upto 14.10.2038. This is a case of Expansion. The Mining Plan with progressive mine closure plan has been approved by IBM, (vide MP/ Sagar/ Iron Ore/M.Sch - 29 / 2013 – 14/ 3697 dated 04.07.2014).
- (3) SEAC in its 71st SEAC-II meeting dtd. 10.04.2017 has recommended the case with 20 special conditions for issuance of EC.
- (4) After detailed discussion in 425th SEIAA meeting dtd. 28.04.2017 and thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in details.
- (5) It was noted that the water requirement is 52 KLD (40 KLD for Dust Suppression+ 10 KLD for Green Belt + 2 KLD for Domestic), which shall be met from Bore well and Hand Pump.
- (6) The proposed plantation program was examined and it was found that 7120 sapling of tree species covering an area of 4.0 ha shall be planted during the lease period.
- (7) It was also noted that the Public Hearing was carried out on 08.09.2016 at High School Parisar Village Tigoda, under the Chairmanship of Upper Collector, Sagar. The major issues raised during public hearing are employment of local people, construction & maintenance of existing / approach road connecting the mine & main road, green belt development at village Sujanpur, regular health check-up of mine workers, which were addressed by PP.
- (8) The proposed ultimate depth of mine is 13m. PP has reported that the depth of ground water varies from 25m -30m. (355 m MSL – 350 m MSL) while ground water level in Sagar district varies from 3.16 m to 36.30 m as per ground water survey Report 2015 of Central Ground Water Board.
- (9) After detailed discussions and perusal of recommendations of 71st SEAC-II meeting dtd. 10.04.2017, presentation made by the PP in SEIAA & SEAC, it **was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
 - I. Before commencing any mining activity fencing all around the lease area and display board at all four corners of the lease area shall be constructed. Proper watch and ward arrangements should be made by the PP to avoid any untoward incident involving public and animals.
 - II. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. The two row plantation shall be carried out in the greenbelt area in current year.
 - III. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
 - IV. PP shall ensure to leave 7.5 m. buffer zone all around the four mining pits as per IBM norms. In no case the mining activity should take place in the intervening area of the four mines.


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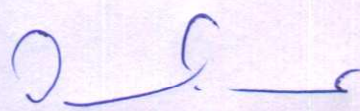
- V. PP should remodel the existing garland drains & settling tanks with stone pitching and also ensure the proposed garland drains and settling tanks to be stone pitched. Proper cleaning and maintenance of garland drains and settling tanks should be done on regular basis.
- VI. PP should ensure zero discharge from the mined area
- VII. Greenbelt of 4.0 ha with 7120 trees shall be carried out using tall saplings of minimum 3 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature and proper arrangements of water should be made for the plantation.
- VIII. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table.
- IX. PP shall construct 1.25 km Tar road from mine lease area to Sagar – Chattarpur Highway (NH-86) & appropriate budget provision be made in EMP for construction of 1.25 km approach road.
- X. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XI. Proper infrastructure with shelter and toilet facility shall be developed for the labourers.
- XII. Under CSR activity in addition to the proposed activities following activities should be added.
 - a) Skill upgradation programme for the villagers of nearby villages under Digital India Scheme.
 - b) PP shall also provide separate toilet facility for girls and boys with proper arrangement of water (water tanks & Pumps) in the school of nearby village.
 - c) Drinking water facilities for villagers of nearby villages.
 - d) All the above activities shall be carried out in consultation with Gram Panchayat and District Collector.

Hence, Prior Environmental Clearance is granted for **Iron Ore & Dolomite Mine** (Open cast other than fully mechanized method) in an area of 11.82 ha for expansion of production capacity from 7000 MTPA to 188583 MTPA at khasra no 1295 P, 1309, 1359 P, 1336 P, 1350 at Village- Tigoda, Tehsil-Shahgarh, District-Sagar (M.P.) **for the lease period** to Smt. Vandana Modi W/o Shri Abhay Modi, Bara Bazar, Shahgarh, Tehsil-Shahgarh District-Sagar (M.P).

4. **Case No. - 3093/15** – Prior Environmental Clearance for Gola Malgajari (A), River Sand Quarry (Opencast Manual Method) in an area of 8.00 ha., for Production Capacity of 80,000 cum/year (As per SEAC recommendation) at Khasra No.-1/1 to 6 & 47, Vill.-Gola Malgajari (A), Teh.-Handiya, District-Harda (MP) by Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP) – 461001.

PP has submitted a representation that he has been granted EC for a production capacity of 80000 cum/year whereas in the mining plan the capacity demanded was 200000 cum/year. It has been decided to send the representation alongwith the case file to SEAC for their comments. Copy to PP.


(H.S.Verma)
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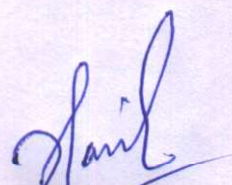
5. **Case No. - 3095/2015** - Prior Environmental Clearance for Malpone River Sand Quarry (Opencast Manual Method) in an area of 6.00 ha. for production capacity-45,000 cum/year (as per SEAC recommendation) at Khasra No.-1/1 at Vill.-Malpone, Teh.-Handiya, District-Harda (MP) by Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001.

PP has submitted a representation that he has been granted EC for a production capacity of 45000 cum/year whereas in the mining plan the capacity demanded was 150000 cum/year. It has been decided to send the representation alongwith the case file to SEAC for their comments. Copy to PP.

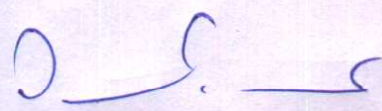
6. **Case No. 4371/2015-** Prior Environmental Clearance for **Sand Quarry (Opencast Manual Method)** in an area of 17.476 ha. for production capacity of 8728 cum/year at Khasra No. 821 at Village--Basai, Tehsil-Bhitarwar, District-Gwalior (MP) by M/s Esteem Infrabuild Pvt. Ltd., Shri Kailash Chandra Gupta, R/o P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-475001.

PP has submitted a representation that his production capacity of 87280 cum/year has been reduced to 8728 cum/year. From the record it was revealed that SEAC has recommended a reduced capacity from 87280 cum/year to 8728 cum/year. It was decided to get the comments of SEAC and therefore the technical file be sent to SEAC along with the representation. Further the production capacity mentioned in the heading and the EC letter be corrected.

Meeting ended with a vote of thanks to the Chair.



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman