

Minutes of the 154th Meeting of SEIAA dated 26.07.2014

The 154th meeting of the State Level Environment Impact Assessment Authority was convened on 26.07.2014 at 11.00 AM 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. The following members attended the meeting:-

- | | | |
|---|-------------------|----------------------|
| 1 | Shri H.S. Verma | Member |
| 2 | Ms Dipali Rastogi | Member Secretary I/c |

A. Action taken Report of review meeting of MP-SEIAA dtd. 15.07.2014 (annexure -1)

1. Post facto approval accorded to the decisions taken in MP-SEIAA review meeting dtd. 15.07.14.
2. It was also decided that a letter should be sent to the Project proponents of the mines of minor minerals having lease period up to two years, to submit :-
 - (i) Notarized copy of the Mining Plan approved by DGM Bhopal
 - (ii) Letter from the district Mining Officer regarding name, location/survey number and lease area of other operating mines within 500 mts radius from the periphery of the proposed mine with reference to MoEF Gol notification no. S.O2731(E) dtd. 09.09.13.
 - (iii) Environmental Management Plan prepared by Registered Qualified Person (RQP).

The above information is to be submitted by the PPs if they are having valid lease period.

B. Policy decision regarding cases of minor minerals having lease period up to ten years and mining of sand having lease area less than 5 ha

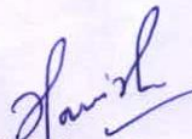
1. Regarding cases (203nos.) of minor minerals having lease period upto ten years it was decided to write a letter to PPs to submit following information by 31.08.2014 with reference to MoEF Gol notification no. S.O2731(E) dtd. 09.09.13
 - (i) Notarized copy of the Mining Plan approved by DGM Bhopal
 - (ii) Letter from mining officer regarding name, location/survey number and lease area of other operating mines within 500 mts radius from the periphery of the proposed mine.
 - (iii) Environmental Management Plan prepared by Registered Qualified Person (RQP).

The copy of the letter should be endorsed to Collector of the concerned districts.

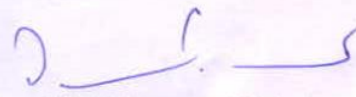
2. Regarding Sand Mining from river bed it was decided that the sand mining cases(49 nos.) having lease area less than 5 ha has to be delisted on the basis of the MoEF Gol O.M no. j- 13012/12/2013-IA-II(I) dtd. 24.12.2013 para 2-1



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- C. **Cases of Water Resource Deptt. Govt. of Madhya Pradesh:** Following cases related Water Resource Deptt. Govt. of Madhya Pradesh have been considered after the receipt of the additional information, on priority basis as per the Office Memorandum of MoEF, Gol issued vide dtd. 04.11.2008, para 3(1).

S No	Case No.	No. & date of SEIAA meeting in which add. information was asked	Date of issue of minutes of SEIAA meeting	Date of Rcpt. of last inform.
1.	673/2012	151 st SEIAA meeting dtd 22.10.13	28.10.2013	05.12.2013
2.	689/2012	152 nd SEIAA meeting dtd 26.10.13	08.11.2013	05.12.2013
3.	700/2012	152 nd SEIAA meeting dtd 26.10.13	08.11.2013	05.12.2013

- I. **Case no. 673/2012-** Prior Environmental Clearance for proposed Ghogra (Medium) Irrigation Project (Main Dam) at Village – Ghogra, Tehsil – Nasrulanj, Distt. Sehore (M.P.) Catchment Area- 61.75 Sq.km., Gross storage Capacity- 20.62 MCM, Live Storage Capacity – 17.43 MCM, Gross Command Area – 5300 ha. Cultivable Command Area – 4450 ha by Department of Water Resources through Shri M.G. Choubey, Engineer-in-Chief Department of Water Resources Tulsi Nagar, Bhopal (MP) – 462-003

1. The case was discussed in 151st SEIAA meeting dtd 22.10.2013 and it is recorded that

- (i) *The proposed project is a river-valley project with catchment area of 61.75 sqkm and gross storage capacity of 20.62 MCM. The Live storage capacity is reported to be 17.43 MCM and CCA is 4450 ha. The project pertains to Item No. 1(c) category 'B' of the EIA Notification schedule, as the CCA in the project is less than 10,000 ha.*
- (ii) *The case was discussed in SEAC meetings 92nd dtd.09.04.12, 96th dtd.13.06.12 and 138th dtd. 25.07.13 recommended for grant of prior EC subject to 04 special conditions.*
- (iii) *The case was examined in depth and it is noted that :-*
 - (a) *That intially PP had applied for three projects under Ghogra Complex (Medium) Irrigation Project namely Upper Ghogra minor irrigation project (675/2012), Ghogra feeder canal (674/2012) and Ghogra main dam project (673/2012).*
 - (b) *As per 92nd SEAC meeting dtd.09.04.12 it is recorded that ".....This project is linked with case no. 674/2012; as a part of the project falls within 8.75 Km from Kheoni Sanctuary of Dewas District, it is covered under category 'A' projects as per the EIA Notification".....*
 - (c) *vide letter no. 3441192 / 07 dtd 04.05.12 and again 3441192/07 dtd 24.05.12 PP has informed that the Upper Ghogra project which is independent minor irrigation project is located at a distance of 8.75 km from Khoeni Sanctuary and also involves forest land and requires clearance from Govt. of India hence implementation of the project is not considered and Ghogra main dam being an independent medium irrigation project for which permission for diversion for forest land has been obtained hence the project comes under B category and is submitted for prior EC to MPSEIAA. Further, Ghogra feeder canal project also requires permission from Gol for diversion of forest land, hence, Department does not want the further action until the forest NOC is obtained.*

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(d) As per 96th SEAC meeting dtd.13.06.12 it is recorded that "The project was earlier presented before the committee and it was observed by the committee that it was linked to a project which by virtue of its location was category 'A' project hence committee returned the project. Later PP submitted revised proposal as independent project dropping down the earlier linked project."

(e) PP has not submitted letter from DFO regarding the distance of National Park / Sanctuary from the project under consideration i.e. case no. 673/2012 hence, the jurisdiction of the case is not clear. **It is decided that PP should submit a letter from DFO clearly stating the distance of National Park / Sanctuary from this project site. Copy of the letter to PP should be endorsed to DFO, Sehore.**

(iv) PP should submit the above information latest by 15.12.2013. The case will be considered after the jurisdiction is clear."

2. In response to the above query, reply submitted by PP (vide letter dtd 29.11.13 received in SEIAA office on 05.12.13) was examined in depth and it is noted that :-

(i) PP has submitted a copy of letter of DFO Sehore letter no. 14285 dtd. 23.11.13 along with certificate stating that the proposed project site is 15 km from Kheoni Sanctuary. PP has also submitted the above certificate signed by Addl. Principal Chief Conservator Forest and (Wildlife) on 25.07.2014.

(ii) 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 2006 Schedule, as the CCA in the project is less than 10,000 ha. and is in the jurisdiction of MP SEIAA.

(iii) Ghogra Medium Project is proposed on the river Ajnal, which is a tributary of river Narmada comprising a part of Narmada basin. The Ghogra Medium Irrigation project has an, earthen Dam with maximum height of 20.23 m, the gross command area is 5300 ha it is proposed to irrigate an area of 1350 ha in Kharif season and 3950 ha of area in rabi season. The cultivable command area is 4450 ha.

(iv) The land required for various project components is of about 534.67 ha. Project includes 332.00 ha (62%) of private land and 184.17 ha (34%) of Revenue land and 18.5 ha (4%) forest land. The details of land requirement for the project are given below :-

S. No	Project Name	Revenue Land (ha)	Private Land (ha)	Forest land (ha)	Total (ha)
1.	Dam & Reservoir	184.17	194.00	18.500	396.67
2.	Canal Network	-	138	-	138.00
3	Colony & Approach Road and other project components	Nil	Nil	Nil	-
	Total	184.17	332.00	18.500	534.67

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For forest land PP has obtained Stage I and Stage II Forest Clearance from MoEF, Govt. of India (vide letter No. 6-MPC039/2008-BHO/1394 dated 04-06-2009 and 6-MPC039/2008-BHO/1790 dated 21-09-2010) as per Indian Forest Act 1980. PP has proposed to take up compensatory afforestation in double area i.e. 37.00 ha. The afforestation work will be done by Forest Deptt. Rs. 377.96 lakh has been paid to Forest Deptt. Sehore. Further, PP has proposed biodiversity conservation and management plan including forest protection plan, improvement of wildlife habitat, regular immunization of livestock, management of forest fires, Patrolling & surveillance, awareness, education and sensitization of fringe population and has made budgetary provision of Rs 10.81 million.

- (v) The total no. of families losing land under reservoir submergence is 95 Village Ghotwani 80, Pipalwani 10 & Itawahkhurd 05 and canal network are 631 (total 726). No family is losing homestead. PP has proposed Resettlement and Rehabilitation plan with budgetary plan of Rs. 114.41 million. PP has also proposed up-gradation of primary schools and public health centre in 5 effected villages under local area development plan. (LADP) with budget provision of 0.5% of the project cost.
- (vi) For prevention of soil erosion PP has proposed Catchment Area Treatment plan including contour bunding in 370 ha, check dam (15 nos) and silt retention dams (5 nos.) Besides, gap plantation, pasture development, social forestry etc are also proposed.
- (vii) Public hearing was conducted on 24.04.13 under the Chairmanship of Mr. S.S. Baghel, Additional Collector & Additional District Magistrate, Sehore (M.P.) at Janpad Panchayat Nasrullganj, Dist.-Sehore. During the hearing some objection/issues were raised by the participants, which have been included in the proceedings and the same is responded by proponent (WRD) in the Public hearing proceedings (SEAC 138th mtg. dtd.25.07.13).
- (viii) PP has proposed green belt development in an area of 10 ha. Plantation will be done along the road sides, working sites etc. Including fruit, ornamental and shade trees along with shrubs, climbers etc.
- (ix) PP has submitted that there be no impacts on downstream water users, water logging and soil salinity and effluents from project colony. There is sufficient water available to sustain riverine ecology. (SEAC 138th mtg. dtd.25.07.13). For sustenance and enhancement of Fisheries 20% of discharge will be maintained in monsoon season and environmental flow. Fisheries Management Plan includes enhancement of fisheries potential through supplementary stocking of reservoir. (SEAC 138th mtg. dtd.25.07.13).


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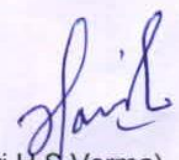
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- (x) For the control of water pollution PP has proposed septic tank and STP for treatment of sewage generated from project colony.

3. It was decided to accept the recommendations of 138th SEAC meeting dtd. 25.07.2013 with four (04) conditions to grant Prior Environmental Clearance for proposed Ghogra (Medium) Irrigation Project (Main Dam) at Village – Ghogra, Tehsil – Nasrulanj, Distt. Sehore (M.P.) Catchment Area- 61.75 Sq.km., Gross Storage Capacity- 20.62 MCM, Live Storage Capacity – 17.43 MCM, Gross Command Area – 5300 ha. Cultivable Command Area – 4450 ha by Department of Water Resources through Shri M.G. Choubey, Engineer-in Chief Department of Water Resources Tulsi Nagar, Bhopal (MP) – 462-003 subject to four conditions of SEAC 138th Meeting dated 25.07.2013 the standard conditions at **Annexure-1**, and following specific conditions:-

1. The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the water resources department GoMP. The implementation of R & R Plan to be closely monitored to ensure that all project affected families (PAFs) get adequate & timely compensation.
2. Besides the agricultural land, the rehabilitation of public buildings, infrastructures, monument etc. falling in the submergence area should also be included in the rehabilitation plan.
3. A monitoring Committee for R & R shall be constituted which must include representatives of project affected persons including form SC/ST community and at least a woman beneficiary.
4. A grievances redress mechanism is to be devised by WRD GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
5. The implementation of Local Area Development Plan (LADP) to be closely monitored.
6. This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
7. Proposed Compensatory Afforestation programme in 37.0 ha shall be taken-up in consultation with State Forest Department. The allocated grant for this purpose shall be fully utilized and not to be diverted for any other purpose. For compensatory afforestation programme, preference shall be given to native species.
8. Proposed Bio-diversity Conservation & Management Plan in EMP report should be implemented with State Forest Department. The allocated budget for this purpose shall be fully utilized and not to be diverted for any other purpose.
9. The catchment Area Treatment (CAT) Plan as proposed in EMP report shall be strictly implemented in consultation with Madhya Pradesh State Forest Department. Major works shall be completed before impounding of reservoir. The financial allocation for CAT Plan implementation shall be fully utilized and not to be diverted for any other purpose. Catchment Area Treatment Plan as has been proposed should be completed in five years.


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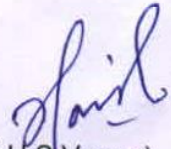
10. To enhance the natural environmental quality & aesthetics of project site, greenbelt, as proposed in the EMP Report shall be undertaken in 10 ha of area. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
11. Fishery conservation & management plan as proposed shall be implemented in consultation with the Fisheries Department, Government of Madhya Pradesh.. The stocking density of the reservoir shall be around 300 fingerlings per ha. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
12. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. residual insecticidal spray in all the project area and surrounding 3 km. Area keeping the flight range of mosquitoes in consideration. Also medical assistance to be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
13. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
14. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and around the project area to ascertain the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.

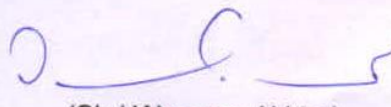
II. Case no. 689/2012: Prior Environmental Clearance for Semri Medium Project catchment area 92.75 sqkm. Gross storage capacity 33.13 MCM, Live storage capacity 29.85 MCM, Gross Command area 6350 ha, Cultivable Command area 5700 ha at village Markheda Tappa, Tehsil Begamganj, District Raisen, MP by Shri M. G. Choubey, Engineer-in-Chief, Department of Water Resources, Tulsi Nagar, Bhopal – 462003

1. The case was discussed in 152nd SEIAA meeting dtd 26.10.2013 and it is recorded that

- (a) *The proposed project is a river-valley project with catchment area of 92.75 sqkm and gross storage capacity of 33.13 MCM. The Live storage capacity is reported to be 29.85 MCM and CCA is 5700 ha. The project pertains to Item No. 1(c) category 'B' of the EIA Notification schedule, as the CCA in the project is less than 10,000 ha.*
- (b) *The case was discussed in SEAC meetings 94th dtd. 07.05.12 and 140th dtd.30.08.13 recommended for grant of prior EC subject to 03 special conditions.*
- (c) *Vide letter dtd. 20.06.2012 ToR was issued and EIA was submitted by PP on 14.08.13 and forwarded to SEAC on 23.08.13.*
- (d) *The case was examined in depth and it is noted that :-*


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- (e) As per Form-1 point no. 7 PP has submitted that "the project or its part are not located within 10 km from the boundary of (a) protected area notified under the Wild Life (Protection) Act 1972 (b) critically polluted areas as notified the Central Pollution Control Board from time to time (c) Notified eco-sensitive areas (d) interstate boundaries or international boundaries."
- (f) SEAC in 94th meeting dtd 07.05.12 and 140th meeting dtd 30.08.13 has recorded that there is no wild life sanctuary, National Park etc. within the study area.
- (g) However, as per records submitted by PP letter from DFO regarding distance of National Park / Sanctuary is not submitted. It is decided that a letter should be sent to DFO, District Raisen to seek information regarding the distance of National Park / sanctuary from the project area. A copy of this letter should be endorsed to PP.
- (h) The above information should be submitted by PP latest by 15.12.2013. The case will be considered after the jurisdiction issue is cleared.


2. In response to the above query, reply submitted by PP (vide letter dtd 29.11.13 received in SEIAA office on 05.12.13) was examined in depth and it is noted that :-

- (i) PP has submitted a notarized copy of letter of DFO, Raisen vide no. 2128 dtd. 18.11.13 stating that the proposed project site is 35 km from Ratapani Sanctuary. PP has also submitted the above certificate signed by Addl. Principal Chief Conservator Forest (Wild Life) on 25.07.2014.
- (ii) 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 2006 schedule, as the CCA in the project is less than 10,000 ha. and is in the jurisdiction of MP SEIAA.
- (iii) Semri Medium Project is proposed on the river Semri, which is a tributary of river Bina comprising a part of Betwa basin. The Semri Medium Irrigation project has an Earthen Dam with maximum height of 18.70 m, the Gross Command area is 6350 ha and Cultivable Command area is 5700 ha.
- (iv) The land required for various project components is of about 943.275 ha . The Project includes 825.912 ha(87.75%) of private land and 24.813 ha (2.63%) of Revenue land and 92.55 ha(9.81%) forest land. The details of land requirement for the project are given below :-

S. No	Project Name	Revenue Land (ha)	Private Land (ha)	Forest land (ha)	Total (ha)
1.	Dam, Reservoir & Spill Channel	22.85	630.60	92.55	746.00
2.	Canal Network	1.963	195.312	-	197.275
	Total	24.813	825.912	92.55	943.275



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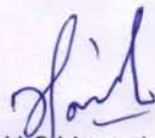

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- (v) For forest land PP has obtained Stage I Forest Clearance from MoEF, Govt. of India (vide letter No F. no. 8-53/2012-FC dated 02-04-2013) as per Indian Forest Act 1980. PP has proposed to take up compensatory afforestation in double area i.e. 185.10 ha. The afforestation work will be done by Forest Deptt. Rs. 174.85 million has been allocated for compensatory afforestation and Biodiversity Conservation and Management Plan.
- (vi) The total no. of families losing land under reservoir submergence is 394 and other projects works are 1333 (total 1727). No family is losing homestead. PP has proposed Resettlement and Rehabilitation plan with budgetary provision of Rs. 271.55 million. PP has also proposed up-gradation of primary schools and public health centre in 5 affected villages under local area development plan. (LADP) with budget provision of 0.5% of the project cost.
- (vii) For prevention of soil erosion PP has proposed Catchment Area Treatment plan including Contour bunding in 400 ha, Nala bunding (12 nos) and gap plantation, pasture development, social forestry etc are proposed with budgetary provision of Rs. 36.04 million.
- (viii) Public hearing was conducted on 20.06.2013 under the Chairmanship of Shri P. C. Sharma Chief Executive Officer, Jila Panchayat District Raisen at Primary School village Sanvali, Tehsil Gairatganj, District Raisen. During the hearing some objection / issues were raised by the participants, which have been included in the proceedings and the same is responded by proponent (WRD) in the Public hearing proceedings and found to be acceptable (SEAC 140th mtg. dtd. 30.08.13).
- (ix) PP has proposed green belt development in an area of 20 ha. Plantation will be done along the road sides, working sites etc. Including fruit, ornamental and shade trees along with shrubs, climbers etc.
- (x) PP has submitted that river is practically dry from October to June i.e. in lean season and has proposed to release 30% of discharge in monsoon season as environmental flow. Fisheries Management Plan includes supplementary stocking of reservoir for enhancement of fisheries potential ((SEAC 140th mtg. dtd. 30.08.13).
- (xi) For the control of water pollution PP has proposed septic tank and STP for treatment of sewage generated from project colony.
- (xii) PP has submitted that as per the classification of seismic zones based on horizontal coefficient for static design the country is divided into six seismic zones. Semri irrigation project in Raisen district of MP fall in seismic Zone-II with horizontal seismic coefficient 0.02. The region of Semri irrigation project is safe from


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earthquake effects. However the dam is proposed to be designed keeping in view all possible measures.

3. It was decided to accept the recommendations of 140th SEAC meeting dtd. 30.08.2013 with three (03) conditions and grant Prior Environmental Clearance for proposed Semri Medium Irrigation Project Catchment Area 92.75 sqkm. Gross Storage capacity 33.13 MCM, Live storage capacity 29.85 MCM Gross Command area 6350 ha, Cultivable Command area 5700 ha at village Markheda Tappa, Tehsil Begamganj, District Raisen, MP by Shri M. G. Choubey, Engineer-in-Chief, Department of Water Resources, Tulsi Nagar, Bhopal – 462003 subject to three conditions of SEAC 140th Meeting dated 30.08.2013 the standard conditions at **Annexure-1**, and following specific conditions:-

1. The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the water resources department GoMP. The implementation of R & R Plan to be closely monitored to ensure that all project affected families (PAFs) get adequate & timely compensation.
2. Besides the agricultural land, the rehabilitation of public buildings, infrastructures, monument etc. falling in the submergence area should also be included in the rehabilitation plan.
3. A monitoring Committee for R & R shall be constituted which must include representatives of project affected persons including form SC/ST community and at least a woman beneficiary.
4. A grievances redress mechanism is to be devised by WRD GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
5. The implementation of Local Area Development Plan (LADP) to be closely monitored.
6. This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
7. Proposed Compensatory Afforestation programme in 185.10 ha shall be taken-up in consultation with State Forest Department. The allocated grant for this purpose shall be fully utilized and not to be diverted for any other purpose. For compensatory afforestation programme, preference shall be given to native species.
8. Proposed Bio-diversity Conservation & Management Plan in EMP report should be implemented with State Forest Department. The allocated budget for this purpose shall be fully utilized and not to be diverted for any other purpose.
9. The catchment Area Treatment (CAT) Plan as proposed in EMP report shall be strictly implemented in consultation with Madhya Pradesh State Forest Department. Major works shall be completed before impounding of reservoir. The financial allocation for CAT Plan implementation shall be fully utilized and not to be diverted for any other purpose. Catchment Area Treatment Plan as has been proposed should be completed in five years.
10. To enhance the natural environmental quality & aesthetics of project site, greenbelt, as proposed in the EMP Report shall be undertaken in 20 ha of

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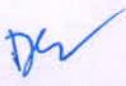
area. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.


11. Fishery conservation & management plan as proposed shall be implemented in consultation with the Fisheries Department, Government of Madhya Pradesh.. The stocking density of the reservoir shall be around 300 fingerlings per ha. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
12. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. residual insecticidal spray in all the project area and surrounding 3 km. Area keeping the flight range of mosquitoes in consideration. Also medical assistance to be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
13. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
14. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and around the project area to ascertain the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.


III. Case no. 700/2012, Prior Environmental Clearance for Datuni Tank Irrigation Project Catchment area 181.61 sqkm, Gross storage capacity 51.015 MCM, Live storage capacity 49.135 MCM, Gross Command area 10206 ha, Cultivable Command area 9073 ha at village Sukhliya, Tehsil Kannod, District Dewas, MP by Shri M. G. Choubey, Engineer-in-Chief, Department of Water Resources, Tulsi Nagar, Bhopal – 462003

1. The case was discussed in 152nd SEIAA meeting dtd 26.10.2013 and it is recorded that

- (i). *The proposed project is a river-valley project with catchment area of 181.61 sqkm and gross storage capacity of 51.02 MCM. The Live storage capacity is reported to be 49.14 MCM and CCA is 9073 ha. The project pertains to Item No. 1(c) category 'B' of the EIA Notification schedule, as the CCA in the project is less than 10,000 ha.*
- (ii). *The case was discussed in SEAC meetings 94th dtd. 07.05.12 and 140th dtd.30.08.13 recommended for grant of prior EC subject to 04 special conditions.*
- (iii). *Vide letter dtd. 20.06.2012 ToR was issued and EIA was submitted by PP on 16.07.13 and forwarded to SEAC on 21.07.13.*
- (iv). *The case was examined in depth and it is noted that :-*
 - (a). *In the Form-1 point no. 7 does it attract the general conditions? If yes please specify PP has submitted that "Yes. It is a medium project of 9073 ha CCA."*


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- (b). In 94th SEAC meeting dtd 07.05.12 it is recorded that "the project does not attract the general conditions"..... and in 140th meeting dtd 30.08.13 it is recorded that "there is no wild life sanctuary, National Park etc. within the study area".
- (c). However, as per records submitted by PP letter from DFO regarding distance of National Park / Sanctuary is not submitted. **It is decided that a letter should be sent to DFO, District Dewas to seek information regarding the distance of National Park / sanctuary of the project area. A copy of this letter should be endorsed to PP.**
- (v). The above information should be submitted by PP latest by **15.12.2013**. The case will be considered after the jurisdiction issue is cleared.
2. In response to the above query, reply submitted by PP (vide letter dtd 29.11.13 received in SEIAA office on 05.12.13) was examined in depth and it is noted that:-
- (i) PP has submitted a copy of certificate No. nil of Van Sanrakshaka, Dewas, Van Mandal stating that the proposed project site is 15 km from the Kheoni Sanctuary. PP has also submitted the above certificate signed by Addl. Principal Chief Conservator Forest (Wild Life) on 25.07.2014.
- (ii) 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 2006, Schedule, as the CCA in the project is less than 10,000 ha. and is in the jurisdiction of MP SEIAA.
- (iii) Datuni multipurpose Medium Project is proposed on the river Datuni, which is a tributary of river Narmada comprising a part of Narmada basin. The Datuni Tank Irrigation project comprise of earthen dam with maximum height of 33.48 m, Gross Command area is 10206 ha. It is proposed to irrigate an area of 8800 ha in Kharif and rabi seasons. The Cultivable Command Area is 9073 ha.
- (iv) The project also envisages drinking water supply of 3.0 MCum. There is no industrial water supply.
- (v) The land required for various project components is **778.04ha**. The Project includes **462.07** ha (59.38%) of private land, **47.58** ha (6.11%) of Revenue land and **268.39** ha(34.49%) forest land. The details of land requirement for the project are given below :-

S. N	Project Name	Revenue Land(ha)	Private Land (ha)	Forest land (ha)	Total (ha)
1.	Dam & Reservoir	47.58	270.67	260.89	579.14
2.	Canal Network	-	191.4	7.5	198.9
	Total	47.58	462.07	268.39	778.04

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For forest land PP has obtained Stage I and stage II Forest Clearance from MoEF, Govt. of India (vide letter F. no. 8-91/2012-FC dated 01-04-2013 and F. no. 8-91/2012-FC dated 05-03-2014) as per Indian Forest Act 1980. PP has proposed to take up compensatory afforestation in double area i.e. 536.78 ha. The afforestation work will be done by Forest Department. A budgetary provision of Rs. 60.51 million has been made for Bio-diversity Conservation and Management Plan.

- (vi) There are two village falling under submergence namely Thikriya & Sukhliya. The details of no. of families losing land and homestead is as follows:-

S. No.	Name of Village	No. of families losing homestead	No. of families losing land
1.	Sukhliya.	127	104
2.	Thikriya	162	104
	Total	289	208

- (vii) For RR plan budgetary provision of Rs. 224.66 million is proposed. Further, budget of Rs. 9.2 million has been earmarked for implementation of local area development like upgradation of schools, improvement of drinking water and sanitation facilities, upgradation of public health centers, pathological laboratories, facilities for sewage treatment, waste disposal etc. during construction.
- (viii) For prevention of soil erosion (siltation & sedimentation) or reservoir PP has proposed catchment area treatment plan including contour bunding in 270 ha, nalla bunding (15 nos), gap plantation, pasture development social forestry and nursery development etc with a budgetary provision of Rs. 54.52 million.
- (ix) Public hearing was conducted on 02.05.2013 under the Chairmanship of Shri Mahesh Agarwal District Collector, at SDO Revenue Office, Tehsil & Block Kannod, District Dewas. During the hearing some objections / issues were raised by the participants, which have been included in the proceedings and the same is responded by proponent (WRD). Public hearing proceedings are found satisfactory and acceptable (SEAC 140th mtg. dtd. 30.08.13).
- (x) PP has proposed green belt development in an area of 25 ha. Plantation will be done along the road sides, working sites etc. including fruit, ornamental and shade trees along with shrubs, climbers etc.
- (xi) PP has submitted that river is practically dry from October to June i.e. in lean season and has proposed to release 30% of discharge in monsoon season as environmental flow. Fisheries Management Plan includes supplementary stocking of reservoir for

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enhancement of fisheries potential ((SEAC 140th mtg. dtd.30.08.13).

- (xii) For the control of water pollution PP has proposed septic tank and STP for treatment of sewage generated from project colony.
 - (xiii) PP has submitted that as per the classification of seismic zones based on horizontal coefficient for static design the country is divided into six seismic zones. Datuni irrigation project in Dewas district of MP fall in seismic Zone-II with horizontal seismic coefficient 0.02. The region of Datuni irrigation project is safe from earthquake effects. However the dam is proposed to be designed keeping in view all possible measures.
3. It was decided to accept the recommendations of 140th SEAC meeting dtd. 30.08.2013 with four (04) conditions and grant Prior Environmental Clearance for proposed Datuni Tank Irrigation Project with Catchment area 181.61 sqkm Gross storage capacity 51.015 MCM, Live storage capacity 49.135 MCM Gross Command area 10206 ha, Cultivable Command area 9073 ha at village Sukhliya, Tehsil Kannod, District Dewas, MP by Shri M. G. Choubey, Engineer-in-Chief, Department of Water Resources, Tulsi Nagar, Bhopal – 462003 subject to four conditions of SEAC 140th Meeting dated 30.08.2013 the standard conditions at **Annexure-1**, and following specific conditions:-

1. The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the water resources department GoMP. The implementation of R & R Plan to be closely monitored to ensure that all project affected families (PAFs) get adequate & timely compensation.
2. Besides the agricultural land, the rehabilitation of public buildings, infrastructures, monument etc. falling in the submergence area should also be included in the rehabilitation plan.
3. A monitoring Committee for R & R shall be constituted which must include representatives of project affected persons including form SC/ST community and at least a woman beneficiary.
4. A grievances redress mechanism is to be devised by WRD GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
5. The implementation of Local Area Development Plan (LADP) to be closely monitored.
6. This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
7. Proposed Compensatory Afforestation programme in 536.78 ha shall be taken-up in consultation with State Forest Department. The allocated grant for this purpose shall be fully utilized and not to be diverted for any other purpose. For compensatory afforestation programme, preference shall be given to native species.

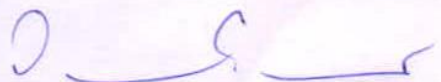


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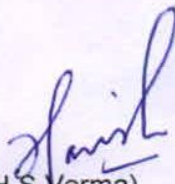
8. Proposed Bio-diversity Conservation & Management Plan in EMP report should be implemented with State Forest Department. The allocated budget for this purpose shall be fully utilized and not to be diverted for any other purpose.
9. The catchment Area Treatment (CAT) Plan as proposed in EMP report shall be strictly implemented in consultation with Madhya Pradesh State Forest Department. Major works shall be completed before impounding of reservoir. The financial allocation for CAT Plan implementation shall be fully utilized and not to be diverted for any other purpose. Catchment Area Treatment Plan as has been proposed should be completed in five years.
10. To enhance the natural environmental quality & aesthetics of project site, greenbelt, as proposed in the EMP Report shall be undertaken in 25 ha of area. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
11. Fishery conservation & management plan as proposed shall be implemented in consultation with the Fisheries Department, Government of Madhya Pradesh.. The stocking density of the reservoir shall be around 300 fingerlings per ha. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
12. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. residual insecticidal spray in all the project area and surrounding 3 km. Area keeping the flight range of mosquitoes in consideration. Also medical assistance to be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
13. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
14. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and around the project area to ascertain the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.

IV. The Standard Conditions for 1 (c)- River Valley Projects of Category-B (Annexure-2) were approved.

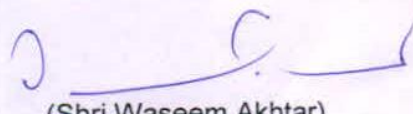
Meeting ended with a vote of thanks to the Chair.



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