

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI**

**APPEAL NO. 22 OF 2024  
(IA No. 278/2024 & IA No. 267/2024)**

**IN THE MATTER OF**

M/s Rahul Paharia Mine

...APPELLANT

Versus

Union of India

...RESPONDENT

WITH

**APPEAL NO. 23 OF 2024  
(IA No. 279/2024 & IA No. 268/2024)**

**IN THE MATTER OF**

M/s Rajal Paharia

...APPELLANT

Versus

Union of India

...RESPONDENT

**INDEX**

**NDOH- 12.07.2024**

S.NO.	PARTICULAR	PAGES
1.	REPLY ON BEHALF OF THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE	1-12
2.	<b>Annexure R-1/1</b> Copy of the Notification S.O. 1533 dated 14.09.2006	13-84
3.	<b>Annexure R-1/2</b> Copy of the Notification S.O. 2731 (E) dated 09.09.2013	85-88
4.	<b>Annexure R-1/3</b> Copy of Office Memorandum dated 12.12.2018	89-92
5.	<b>Annexure R-1/4</b> Copy of Appendix VIII (Form 1M) of Notification dated 15.01.2016	93-94
6.	<b>Annexure R-1/5</b> Copy of Office Memorandum dated 15.12.2021	95-96
7.	<b>Annexure R-1/6</b>	97-179

	Copy of the Enforcement & Monitoring Guidelines for Sand mining (EMGSM – 2020)	
8.	<b>Annexure R-1/7</b> Copy of the letter issued by CPCB dated 11.06.2021	180-186
9.	<b>Annexure R-1/8</b> Copy of the Ministry's Notification S.O. 1886 (E) dated 20.04.2022	187-192
10.	<b>Annexure R-1/9</b> Copy of Office Memorandum dated 28.04.2023	193-195
11.	<b>Annexure R-1/10</b> Copy of Office Memorandum dated 03.11.2023	196-197
12.	<b>Annexure R-1/11</b> Copy of Office Memorandum dated 15.01.2024	198-210
13.	<b>Annexure R-1/12</b> Copy of Office Memorandum dated 15.13.2024	211-212
14.	<b>Annexure R-1/13</b> Copy of order dated 18.04.2024	213-236
15.	<b>Annexure R-1/14</b> Copy of Office Memorandum dated 07.05.2024	237-238

Filed by:

New Delhi

Dated: 11/07/2024

**(NARENDER PAL SINGH)**

**Advocate for Moef & CC**

Ch. #8 Lawyers Chambers,

Patiala House Courts,

New Delhi-10001

K-18, Level-1,

Green Park Main,

New Delhi -110016

E-mail- danubeconsulting@gmail.com

Mobile 9311010090

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL****PRINCIPAL BENCH, NEW DELHI****Appeal No. 22/2024****IN THE MATTER OF:**

M/s Rahul Paharia Mine

...Applicant

Versus

Union of India &amp; Ors.

...Respondent

With

**Appeal No. 23/2024**

M/s Rajal Paharia

...Applicant

Versus

Union of India &amp; Ors.

...Respondent

**REPLY ON BEHALF OF MINISTRY OF ENVIRONMENT, FOREST  
AND CLIMATE CHANGE.****MOST RESPECTFULLY SHOWETH:**

I, Pankaj Verma, working as Scientist 'E' in the Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi, do hereby solemnly affirm and state as under:

1. That I, in my official capacity in the Ministry of Environment, Forest and Climate Change, i.e., Respondent No.1 in the above mentioned matter, I am conversant with the facts and circumstances of the case on the basis of official records, and as such authorized and competent to swear this affidavit.
2. That a short affidavit is being filed by the answering respondent at this stage and craves leave and liberty to file a detailed Reply Affidavit to the aforesaid application, as and when required.
3. That, the applicant has filed the instant application against the decision dated 28.05.2024 of State Environment Impact Assessment Authority (SEIAA), Rajasthan closing and delisting the application of the applicant for reappraisal of EC dated 26.11.2018 granted by District Environment Impact Assessment Authority (DEIAA).
4. That, the respondent Ministry has issued Environmental Impact Assessment (herein after referred as "EIA") Notification dated 14th September, 2006 which requires certain projects to obtain prior Environmental Clearance ("EC") before any construction work in case of new projects or expansion and modernization of existing projects or activities. The Schedule to the Notification details the categories or projects or activities which require prior environmental clearance.
5. It is further submitted that all projects and activities are broadly categorized into two categories - Category "A" and Category "B", based on the spatial extent of



potential impacts and potential impacts on human health and natural and manmade resources. All projects or activities included as Category 'A' in the Schedule, including expansion and modernization of existing projects or activities and change in product mix, require prior environmental clearance from the Central Government in the Ministry of Environment, Forest and Climate Change (MoEF&CC) and all projects or activities included as Category 'B' in the Schedule require prior environmental clearance from the State/Union territory Environment Impact Assessment Authority (SEIAA).

6. That, in exercise of the powers conferred upon the Central Government under sub section (3) of section 3 of the Environment (Protection) Act, 1986 and in accordance with the procedures specified in the EIA Notification, 2006, SEIAAs have been constituted in different States/UTs to discharge the functions of the regulatory authorities for the respective States/UTs.
7. That, as per Environmental Impact Assessment (EIA), 2006 Notification no. SO 1533, dated 14.09.2006, Environmental Clearance (EC) was required prior to start of mining of minerals on mine leases area of greater than 5 hectares. Further, through amendment in notification vide SO 2731 (E), dated 09.09.2013, EC has been made mandatory for all minor mineral mining activities irrespective of mine lease area. A copies of the said notifications are annexed and marked as **ANNEXURE-R-1/1** and **ANNEXURE-R-1/2** respectively.

*Annex*

8. It is respectfully submitted that the Hon'ble NGT vide the impugned judgment dated 13.09.2018 has inter-alia directed as follows: -

*“22. For all these reasons, we direct that the procedure laid down in the impugned Notification be brought in consonance and in accord with the directions passed in the case of Deepak Kumar (supra) by:*

- i. Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25 ha falling under Category B-2 at par with Category B-1 by SEAC/ SIEAA as well as for cluster situation wherever it is not provided;*
- ii. Form-1M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of DEAC/DEIAA;*
- iii. if a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance;*
- iv. EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (supra) of the Guidelines for the purpose of recommendations 6, 7 and 8 thereof;*
- v. revise the procedure to also incorporate procedure with respect to annual rate of replenishment and timeframe for replenishment after mining closure in an area;*
- vi. the MoEF&CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present*

*for*

*Value of Ecological Services forgone because of illegal or unscientific mining.”*

9. It is further respectfully submitted that, after the passing of the impugned judgment of the Hon'ble National Green Tribunal, the Union of India took certain steps, to further strengthen the regime put in place by the notification dated 15.01.2016, and its consequential notifications. It is respectfully submitted that the same are placed on record in the following paragraphs so that this Hon'ble Tribunal may have the complete facts with respect to the stringent regulatory framework as it currently operates in this area.

10. The various steps taken by the Union of India following the impugned judgment dated 13.09.2018 are as follows:

- i. Firstly, the Union of India has issued an OM vide dated 12.12.2018 addressed to the Chief Secretaries of all the States/UTs. A copy of the OM dated 12.12.2018 is marked and annexed herein as **ANNEXURE-R-1/3**. Vide OM dated 12.12.2018, District Environment Impact Assessment Authorities (DEIAA) are not functional and do not exist as on date.
- ii. Secondly, the Ministry has issued an OM vide dated 15.12.2021 stating that, “for all category B2 projects, the project proponent shall apply in Form-2 on PARIVESH portal along with requisite documents. The same is in compliance of the directions that Form-1 M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public

Consultation to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of by DEAC/DEIAA. Copy of the Appendix VIII (Form 1M) of Notification dated 15.01.2016 is marked and annexed herein as **ANNEXURE-R-1/4**. Copy of the OM dated 15.12.2021 is marked and annexed herein as **ANNEXURE-R-1/5**.

- iii. That, with regard to the direction issued by the Hon'ble NGT vide order dated 13.09.2018 in para 22(v) revise *the procedure to also incorporate procedure with respect to annual rate of replenishment and timeframe for replenishment after mining closure in an area*, the Answering Respondent formulated the guidelines i.e. "Enforcement & Monitoring Guidelines for Sand Mining" (EMGSM-2020) supplemental to the Sustainable Sand Management Guidelines, 2016 (SSMG-2016). In the new guidelines, a detailed procedure for Replenishment Study has been incorporated. A copy of the Enforcement & Monitoring Guidelines for Sand Mining" (EMGSM-2020) marked and annexed herein as **ANNEXURE-R-1/6**.
- iv. That, in compliance to the clause where the Union of India was required to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present Value of Ecological Services forgone because of illegal or unscientific mining. Hon'ble NGT vide its order dated 17.08.2020 and 26.02.2021 in the matter *National Green Tribunal Bar Association v. Virender Singh (State of Gujarat)*; OA No.



360/2015 accepted the approach II as stated by the Central Pollution Control Board (CPCB) regarding the approach for calculating the scale of compensation and directed for its adoption for calculating the scale of compensation by all the States/UTs. In compliance of the same, the CPCB, vide letter dated 11.06.2021 issued directions under Section 5 of the Environment (Protection) Act, 1986 to all the States/UTs for the same. Copy of the letter issued by CPCB dated 11.06.2021 is marked and annexed herein as **ANNEXURE-R-1/7**.

- v. That, the Ministry issued a notification S.O. 1886 (E) vide dated 20.04.2022 wherein, the Ministry has delegated the power to the State Level Environment Impact Assessment Authority (SEIAA) to grant Environmental Clearances to all minor mineral mining projects, irrespective of mine lease area and  $\leq 250$  ha mining lease area in respect of major mineral mining lease other than coal. The said notification is in compliance to the (i) Deepak Kumar judgment, (ii) NGT order dated 13.09.2018 and (iii) the OM dated 12.12.2018. A Copy of the Ministry's Notification S.O. 1886 (E) dated 20.04.2022 is marked and annexed herein as **ANNEXURE-R-1/8**

11. That, in pursuance of the order dated 07.12.2022 passed by the Hon'ble NGT in O.A. No. 142/2022 Jayant Kumar v. Ministry of Environment, Forests and Climate Change, the Ministry of Environment has commenced the process of re-appraisal by the State Environmental Impact Assessment Authorities ("SEIAAs")



of all Environmental Clearances issued by the erstwhile DEIAAs throughout the country. In pursuance of this exercise, it is respectfully stated that the Ministry issued an Office Memorandum dated 28.04.2023, where all the valid Environmental Clearances issued by DEIAA (between 15.01.2016 to 13.09.2018) would be re-appraised through SEAC/SEIAA. The OM also specifies that scrutiny and appraisal of such ECs shall be based on the checklist provided therein. It is pertinent to submit that the said checklist incorporates compliance with the various additional measures implemented by the MoEF&CC after the passing of the impugned judgment as set out in the preceding paragraphs of the present affidavit. A copy of the OM dated 28.04.2023 is marked and annexed herein as **ANNEXURE-R1/9**.

12. That, in clarification of OM dated 28.04.2023, the Ministry has issued OM dated 03.11.2023 directing;

*“3... In view of the above, it is further clarified that the ECs granted by DEIAA which are valid as on date shall continue to be valid for one year from the date of issue of OM dated 28.4.2023 unless the validity of the EC granted by DEIAA has lapsed prior to 28.4.2024 or until SEIAA has invalidated the EC granted by DEIAA after carrying out re-appraisal as outlined above, whichever is earlier...”*. A true copy of the OM dated 03.11.2023 is marked and annexed herein as **ANNEXURE-R1/10**.



13. That, the Ministry vide its OM dated 15.01.2024 issued Standard Operating Procedure (SOP) for dealing mining proposals under Ministry's OM dated 28.04.2023 on Parivesh portal directing;

*"4... Workflow to re-appraise such mining applications has been developed and rolled out on PARIVESH portal in accordance with the procedure outlined in Ministry's OM dated 28.04.2023. Henceforth, all such EC proposals shall be dealt in PARIVESH portal only. DC office shall scan all the EC files and upload on the PARIVESH portal, through their respective logins, for further consideration by the SEIAA.*

*5. On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, Project Proponent will be informed through email to submit Form 2. Duly mentioning the unique Intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and Project Proponent) is given in the Annexure..."*

A true copy of the OM dated 15.01.2024 is marked and annexed herein as **ANNEXURE-R1-11.**

14. It is humbly submitted that, the Ministry is in receipt of representation requesting for extension of time period provided in the aforesaid OM dated 28.04.2023. Accordingly, the Ministry has issued an OM dated 15.03.2024 directing;



"1...The Ministry vide OM dated 28th April 2023, in compliance of order dated 07.12.2022 passed by Hon'ble National Green Tribunal (Principal Bench) in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change, had provided a window period of one year for all SEIAASs to-reappraise the Environmental Clearances (ECs) issued by DEIAA from 15.01.2016 to 13.09.2018 and grant fresh ECs.

2. Subsequently, based on the representation received, the workflow for the reappraisal of the ECs issued by DEIAA from 15.01.2016 to 13.09.2018 was integrated into the PARIVESH and the Ministry vide OM dated 15.01.2024 issued the SOP for reappraisal of ECs granted by DEIAA between 15.01.2016 and 13.09.2018. Further, the Hon'ble High Court of Kerala in WPC No.41139/2023 has directed to inform whether there is any proposal to extend the period for reappraisal of ECs already granted by DEIAAs through SEIAA beyond 28.04.2024 as the reappraisal process may not be completed within the specified time.

3. In this context, the Ministry has issued letters dated 11.08.2023 and 01.03.2024 to all the SEIAA/SEAC to submit the compliance report of OM dated 28.04.2023. The compliance report is yet to be received by the Ministry.

4. Now, the Ministry is in receipt of representation requesting for extension of time period provided in the OM dated 28.04.2023 mentioned above. Based on the facts mentioned above, the matter has been examined in detail. After due consideration, it has been decided that the time period of one year provided in



*the OM dated 28.04.2023 shall be extended for a further period of six months till 27.10.2024. All other terms and conditions mentioned in the OM dated 28.04.2023 shall remain the same..."*

A copy of the OM dated 15.03.2024 is marked and annexed herein as **ANNEXURE-R1/12.**

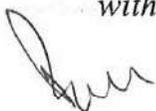
15. That, Hon'ble Tribunal vide order dated 18.04.2024 has directed the Ministry of Environment, Forest and Climate Change;

*"33... In view of affidavit filed vide email dated 03.01.2024 MoEF & CC is directed to issue O.M. prohibiting continuance of mining all over India under mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 with the exception in respect of cases where ECs granted by DEIAA for such mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA..."*

A copy of the order dated 18.04.2024 is marked and annexed herein as **ANNEXURE-R1/13.**

16. It is submitted that, in compliance to the order dated 18.04.2024 passed by the Hon'ble Tribunal the Ministry has issued Office Memorandum dated 07.05.2024 directing;

*"4... In view of the above direction of Hon'ble National Green Tribunal, it is hereby directed that continuance of mining all over India under mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 is prohibited with the exception in respect of cases where ECs granted by DEIAA for such*



*mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA. ...”*

A true copy of the OM dated 07.05.2024 is marked and annexed herein as **ANNEXURE-R1/14.**

17.It is submitted that in view of the aforementioned facts and circumstances, this Hon’ble Tribunal may kindly be pleased to pass appropriate order(s)/directions as the Hon’ble Tribunal may deem fit and proper in the interest of justice.

### VERIFICATION

I, the above named deponent do hereby verify that the contents of the above affidavit are true and correct on the basis of official record maintained by the Respondent No. 1 in daily course of its business, no part of it is false and nothing material has been concealed there from.

Verified at New Delhi on this the 11th day of July ,2024.

*Pankaj Verma*

**DEPONENT**

(पंकज वर्मा)

(PANKAJ VERMA)

वैज्ञानिक 'ई'/Scientist 'E'

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min.of Environment, Forest and Climate Change  
भारत सरकार, नई दिल्ली  
Govt. of India, New Delhi

*Pankaj Verma*

**DEPONENT**

(पंकज वर्मा)

(PANKAJ VERMA)

वैज्ञानिक 'ई'/Scientist 'E'

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min.of Environment, Forest and Climate Change  
भारत सरकार, नई दिल्ली  
Govt. of India, New Delhi

# भारत का राजपत्र

## The Gazette of India

असाधारण  
EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)  
PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 1067]  
No. 1067]

नई दिल्ली, बृहस्पतिवार, सितम्बर 14, 2006/भाद्र 23, 1928  
NEW DELHI, THURSDAY, SEPTEMBER 14, 2006/BHADRA 23, 1928

पर्यावरण और वन मंत्रालय

अधिसूचना

नई दिल्ली, 14 सितम्बर, 2006

का.आ. 1533(अ).—केंद्रीय सरकार या केन्द्रीय सरकार द्वारा राज्य सरकार या संबंधित संघ राज्यक्षेत्र प्रशासन के परामर्श से गठित किए जाने वाले राज्य या संघ राज्यक्षेत्र स्तर पर्यावरण समाघात निर्धारण प्राधिकरण द्वारा इस अधिसूचना के प्रयोजन के लिए पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उपधारा (3) के अधीन संघ मंत्रिमंडल द्वारा 18 मई, 2006 को अनुमोदित राष्ट्रीय पर्यावरण नीति और अधिसूचना में विनिर्दिष्ट प्रक्रिया के उद्देश्यों के अनुसार जब तक पूर्व पर्यावरणीय अनापत्ति अभिलिखित नहीं हो जाती है, भारत के किसी भाग में, नई परियोजनाओं या क्रियाकलापों पर या इस अधिसूचना की अनुसूची में यथा उपवर्णित उनके सक्षम पर्यावरणीय समाघातों पर विद्यमान परियोजनाओं या क्रियाकलापों के विस्तार या आधुनिकीकरण पर कतिपय निर्बंधन और प्रतिषेध अधिरोपित करने के लिए, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) के अधीन एक प्रारूप अधिसूचना भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (ii) में, का०आ० सं० 1324(अ), तारीख 15 सितंबर, 2005 द्वारा प्रकाशित की गई थी जिसमें उन सभी व्यक्तियों से, जिनके उनसे प्रभावित होने की संभावना है, उस तारीख से, जिसको उक्त अधिसूचना को अंतर्विष्ट करने वाले राजपत्र की प्रतियां जनता को उपलब्ध करा दी गई थीं, सात दिन की अवधि के भीतर आक्षेप और सुझाव आमंत्रित किए गए थे ;

और उक्त अधिसूचना की प्रतियां 15 सितंबर, 2005 को जनता को उपलब्ध करा दी गई थीं ;

और ऊपर उल्लिखित प्रारूप अधिसूचना के उत्तर में प्राप्त सभी आपेक्षों और सुझावों पर केन्द्रीय सरकार ने सम्यक रूप से विचार कर लिया है ।

अतः, अब केंद्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) के खंड (घ) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उपधारा (1) और उपधारा (2) के खंड (v) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और अधिसूचना सं० का.आ. 60(अ), तारीख 27 जनवरी, 1994 को उन बातों के सिवाए अधिक्रान्त करते हुए, जिन्हें ऐसे अधिक्रमण से पूर्व किया गया है या करने का लोप किया गया है, यह निदेश देती है कि इसके प्रकाशन की तारीख से ही, नई परियोजनाओं या क्रियाकलापों का अपेक्षित संनिर्माण या इस अधिसूचना की अनुसूची में सूचीबद्ध विद्यमान परियोजनाओं या क्रियाकलापों का विस्तार या आधुनिकीकरण प्रक्रिया और या प्रौद्योगिकी में परिवर्तन सहित क्षमता में परिवर्धन करते हुए भारत के किसी भाग में, यथास्थिति, केन्द्रीय सरकार द्वारा या इस अधिसूचना में इसमें इसके पश्चात् विनिर्दिष्ट प्रक्रिया के अनुसार उक्त अधिनियम की धारा 3 के

<sup>1</sup> भारत का राज्यक्षेत्रीय सागर खंड और अन्य अधिक जोन सम्मिलित है।

अधीन केन्द्रीय सरकार द्वारा सम्यक् रूप से गठित राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण द्वारा पूर्व पर्यावरण अनापत्ति के पश्चात् ही किया जाएगा।

## 2. पूर्व पर्यावरणीय अनापत्ति की अपेक्षाएं (ई.सी.) :-

निम्नलिखित परियोजनाओं या क्रियाकलापों के लिए, परियोजना प्रबंधन द्वारा भूमि को अभिप्राप्त करने के सिवाय, कोई संनिर्माण कार्य या भूमि तैयार करने से पूर्व उक्त अनुसूची में प्रवर्ग 'ख' के अंतर्गत आने वाले विषयों के लिए संबंधित विनियामक प्राधिकरण से, जिसे अनुसूची में 'क' के अंतर्गत आने वाले विषयों के लिए इसमें इसके पश्चात् केन्द्रीय सरकार में पर्यावरण और वन मंत्रालय कहा गया है, और राज्य स्तर पर राज्य पर्यावरण समाघात निर्धारण प्राधिकरण कहा गया है, पूर्व पर्यावरणीय अनापत्ति अपेक्षित होगी जब परियोजना या क्रियाकलाप आरंभ किया जाता है।

- (i) इस अधिसूचना की अनुसूची में सूचीबद्ध सभी नई परियोजनाएं या क्रियाकलाप ;
- (ii) इस अधिसूचना की अनुसूची में सूचीबद्ध विद्यमान परियोजनाओं या क्रियाकलापों का, संबंधित क्षेत्र के लिए अर्थात् परियोजनाओं या क्रियाकलापों के लिए जो विस्तार या आधुनिकीकरण के पश्चात् अनुसूची में दी गई अधिकतम सीमाओं को पार कर लेते हैं, क्षमता में परिवर्धन सहित विस्तार या आधुनिकीकरण ;
- (iii) विनिर्दिष्ट रेंज से परे अनुसूची में सम्मिलित किसी विद्यमान विनिर्माणकर्ता यूनिट में उत्पाद मिश्रण में कोई परिवर्तन।

3. राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण :- (1) कोई राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण, जिसे इसमें इसके पश्चात् एसईआईए कहा गया है, केन्द्रीय सरकार द्वारा पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उपधारा (3) के अधीन गठित किया जाएगा जिसमें तीन सदस्य होंगे जिसके अंतर्गत एक अध्यक्ष और एक सदस्य-सचिव, राज्य सरकार या संबंधित संघ राज्यक्षेत्र प्रशासन द्वारा नामनिर्देशित किए जाएंगे।

- (2) सदस्य-सचिव संबंधित राज्य सरकार या संघ राज्यक्षेत्र प्रशासन का सेवारत अधिकारी होगा जो पर्यावरण विधियों से परिचित होगा ।
- (3) अन्य दो सदस्य या तो वृत्तिक या विशेषज्ञ होंगे जो इस अधिसूचना के परिशिष्ट VI में दी गई पात्रता कसौटी को पूरा करते हों ।
- (4) ऊपर उपपैरा (3) में विनिर्दिष्ट सदस्यों में से एक सदस्य जो पर्यावरण समाघात निर्धारण प्रक्रिया में विशेषज्ञ हो, एसईआईएए का अध्यक्ष होगा ।
- (5) राज्य सरकार या संघ राज्यक्षेत्र प्रशासन उपपैरा (3) से उपपैरा (4) में निर्दिष्ट सदस्यों और अध्यक्ष के नामों को केन्द्रीय सरकार को अग्रेषित करेगी और केन्द्रीय सरकार नामों के प्राप्ति की तारीख से तीस दिन के भीतर इस अधिसूचना के प्रयोजनों के लिए एसईआईएए को ए० प्राधिकरण के रूप में गठित करेगी ।
- (6) गैर पदधारी सदस्य और अध्यक्ष की (प्राधिकरण को केन्द्रीय सरकार द्वारा गठित करने वाली अधिसूचना के प्रकाशन की तारीख से) तीन वर्षों की नियत पदावधि होगी ।
- (7) एसईआईएए के सभी विनिश्चय एकमत से होंगे और किसी बैठक में लिए जाएंगे ।

#### 4. परियोजना और क्रियाकलापों का प्रवर्गीकरण :-

- (i) सभी परियोजनाएँ या क्रियाकलाप मुख्यतः दो प्रवर्गों में प्रवर्गीकृत हैं- प्रवर्ग 'क' और प्रवर्ग 'ख' सक्षम समाघात की स्थानिक सीमा और मानव स्वास्थ्य और प्राकृतिक तथा मानव निर्मित संसाधनों पर आधारित हैं ।
- (ii) अनुसूची में प्रवर्ग 'क' के रूप में सम्मिलित सभी परियोजनाओं या क्रियाकलापों, जिसके अंतर्गत विद्यमान परियोजनाओं या क्रियाकलापों का विस्तार और आधुनिकीकरण तथा उत्पाद मिश्रण में परिवर्तन सम्मिलित है, के लिए, इस अधिसूचना के प्रयोजनों के लिए केन्द्रीय सरकार द्वारा गठित की जाने वाली किसी विशेषज्ञ आंकलन समिति की सिफारिशों पर भारत सरकार में पर्यावरण और वन मंत्रालय से पूर्व पर्यावरण अनापत्ति अपेक्षित होगी ;
- (iii) अनुसूची में प्रवर्ग 'ख' के रूप में सम्मिलित सभी परियोजनाओं या क्रियाकलापों, जिसके अंतर्गत पैरा 2 के उपपैरा (ii) में यथाविनिर्दिष्ट विद्यमान परियोजनाओं या क्रियाकलापों का विस्तार और आधुनिकीकरण या पैरा 2 के उपपैरा (iii) में यथाविनिर्दिष्ट उत्पाद मिश्रण में परिवर्तन भी हैं, किन्तु जिसमें वे सम्मिलित नहीं हैं जो अनुसूची में निश्चित की गई साधारण शर्तों को पूरा करते हैं, राज्य/संघ राज्यक्षेत्र पर्यावरण समाघात निर्धारण प्राधिकरण से पूर्व पर्यावरणीय अनापत्ति अपेक्षित होगी । एसईआईएए का अपना विनिश्चय, इस इस अधिसूचना में गठित की जाने वाली किसी राज्य या संघ राज्यक्षेत्र स्तर विशेषज्ञ आंकलन समिति (एसईएसी) की सिफारिशों पर आधारित होगा । एसईआईएए सम्यक् रूप से गठित एसईआईएए या एसईएसी की अनुपस्थिति में, कोई प्रवर्ग 'ख' परियोजना प्रवर्ग 'क' परियोजना समझी जाएगी ;

5. **स्क्रीनिंग, विस्तारण और आंकलन समिति :-** केंद्रीय सरकार के स्तर पर वही विशेषज्ञ आंकलन समिति और राज्य या संघ राज्य स्तर पर राज्य विशेषज्ञ आंकलन समिति (जिन्हें इसमें इसके पश्चात् ईएसी और एसईएसी कहा गया है) क्रमशः प्रवर्ग 'क' और प्रवर्ग 'ख' परियोजनाओं या क्रियाकलापों की स्क्रीनिंग, विस्तारण और आंकलन करेगी। ईएसी और एसईएसी की प्रत्येक मास में कम से कम एक बार बैठक होगी।

- (क) ईएसी की संरचना परिशिष्ट VI में दी जाएगी। राज्य या संघ राज्यक्षेत्र स्तर पर एसईएसी का गठन संबंधित राज्य सरकार या संघ राज्यक्षेत्र प्रशासन के परामर्श से समान संरचना सहित गठन किया जाएगा।
- (ख) केंद्रीय सरकार, संबद्ध राज्य सरकार या संघ राज्यक्षेत्र प्रशासन की पूर्व सहमति से प्रशासनिक सुविधा और लागत के कारणों से एक या अधिक राज्य या संघ राज्यक्षेत्र के लिए एक एसईएसी का गठन कर सकेगी।
- (ग) विशेषज्ञ आंकलन समिति और राज्य विशेषज्ञ आंकलन समिति तीन वर्ष की अवधि के लिए गठित की जाएगी।
- (घ) संबंधित विशेषज्ञ आंकलन समिति और राज्य विशेषज्ञ आंकलन समिति के प्राधिकृत सदस्य उस परियोजना या क्रियाकलाप के संबंध में जिसके लिए पूर्व पर्यावरणीय अनापत्ति मांगी गई है, को स्क्रीन करने या विस्तार करने या आंकलन के प्रयोजनों के लिए आवेदक को जो निरीक्षण के लिए आवश्यक सुविधाएं देगा, कम से कम सात दिन की पूर्व सूचना देगा।
- (ङ) विशेषज्ञ आंकलन समिति और राज्य विशेषज्ञ आंकलन समिति संयुक्त दायित्व के सिद्धांत पर कृत्य करेगी। अध्यक्ष प्रत्येक मामले में सहमति बनाने का प्रयास करेगा और सहमति नहीं बन पाती है तो बहुमत का विचार माना जाएगा।

6. **पूर्व पर्यावरणीय अनापत्ति के लिए आवेदन (ईसी) :-** सभी मामलों में पर्यावरणीय अनापत्ति मांगने के लिए कोई आवेदन, परियोजना और/या क्रियाकलापों के लिए, जिससे आवेदन संबंधित है, आवेदक द्वारा स्थल पर किसी सन्निर्माण क्रियाकलाप या भूमि की तैयारी के प्रारंभ के पूर्व, पूर्वक्षित स्थल (स्थलों) की पहचान के पश्चात् परिशिष्ट 2 में उल्लिखित है, यदि लागू हों, इससे संलग्न प्ररूप 1 और अनुपूरक प्ररूप 1क में किया जाएगा। आवेदक, उसके सिद्धांत, सन्निर्माण परियोजनाओं या क्रियाकलापों (अनुसूची की मद 8) के मामले में प्ररूप 1 और अनुपूरक प्ररूप 1क के अतिरिक्त पूर्व साध्यता परियोजना रिपोर्ट की एक प्रति, पूर्व साध्यता रिपोर्ट के स्थान पर धारणा योजना की एक प्रति आवेदन के साथ पेश करेगा।

7. (i) **नई परियोजनाओं के लिए पूर्व पर्यावरणीय अनापत्ति (ईसी) प्रक्रिया के प्रक्रम :-** नई परियोजनाओं के लिए पर्यावरणीय अनापत्ति प्रक्रिया में अधिकतम चार प्रक्रम समाविष्ट होंगे, जिनमें से सभी इस अधिसूचना में नीचे उल्लिखित विशिष्ट मामलों में लागू नहीं होंगे, ये चार प्रक्रम श्रृंखलाबद्ध क्रम में होंगे :-

- प्रक्रम (1) स्क्रीनिंग (केवल प्रवर्ग 'ख' परियोजनाओं और क्रियाकलापों के लिए)
- प्रक्रम (2) विस्तारण
- प्रक्रम (3) लोक प्रशमर्श
- प्रक्रम (4) आंकलन

### I. प्रक्रम (1) - स्क्रीनिंग :

प्रवर्ग 'ख' परियोजनाओं या क्रियाकलापों के मामले में, यह प्रक्रम परियोजना की प्रकृति और अवस्थिति विनिर्देश पर आधारित पर्यावरणीय अनापत्ति मंजूर करने से पूर्व उसके आंकलन के लिए कोई पर्यावरणीय समाघात निर्धारण रिपोर्ट तैयार करने के लिए यह अवधारण करने के लिए कि परियोजना या क्रियाकलाप के लिए आगे पर्यावरणीय अध्ययन करना अपेक्षित है या नहीं संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति (एसईएसी) द्वारा प्ररूप 1 में पूर्व पर्यावरणीय अनापत्ति मांगने के लिए किसी आवेदन की संवीक्षा होगी। कोई पर्यावरणीय समाघात निर्धारण रिपोर्ट की अपेक्षा करने वाली परियोजनाओं को प्रवर्ग "ख1" कहा जाएगा और शेष परियोजनाओं को प्रवर्ग "ख2" कहा जाएगा और उसके लिए कोई पर्यावरणीय समाघात निर्धारण रिपोर्ट अपेक्षित नहीं होगी। मद 8ख के सिवाय परियोजनाओं के ख 1 या ख2 में प्रवर्गीकरण के लिए पर्यावरण और वन मंत्रालय समय-समय पर समुचित मार्गदर्शक सिद्धांत जारी करेगा।

### II. प्रक्रम (2) विस्तारण :

(i) उस प्रक्रिया को निर्दिष्ट करता है जिसके द्वारा प्रवर्ग 'क' परियोजनाओं या क्रियाकलापों के मामले में विशेषज्ञ आंकलन समिति, और प्रवर्ग 'ख1' परियोजनाओं या क्रियाकलापों के मामले में, राज्य स्तर विशेषज्ञ आंकलन समिति, जिसके अंतर्गत विद्यमान परियोजनाओं या क्रियाकलापों के विस्तार और/या आधुनिकीकरण और/या उत्पाद मिश्रण में परिवर्तन के विस्तार, सौंपे जाने वाले विस्तृत और व्यापक कार्य अवधारित करने के लिए, उस परियोजना या क्रियाकलाप के संबंध में कोई पर्यावरणीय समाघात निर्धारण रिपोर्ट तैयार करने के लिए सभी सुसंगत पर्यावरणीय समुत्थानों को, जिसके लिए पूर्व पर्यावरणीय अनापत्ति ईप्सित की गई है, आवेदन सम्मिलित हैं। विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति विहित आवेदन प्ररूप 1/प्ररूप 1क में दी गई जानकारी के आधार पर सौंपे जाने वाले कार्य अवधारित करेगी, जिसके अंतर्गत आवेदक द्वारा सौंपे जाने वाले प्रस्थापित कार्य, किसी विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर आंकलन समिति के किसी सब ग्रुप द्वारा देखा गया कोई स्थल, यदि विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा आवश्यक समझा जाए, आवेदक द्वारा सुझाए गए सौंपे जाने वाले कार्य और अन्य सूचना जो विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति के पास उपलब्ध हो, सम्मिलित हैं। अनुसूची की मद 8 में प्रवर्ग ख के रूप में सूचीबद्ध सभी परियोजनाओं और क्रियाकलापों (संनिर्माण, नगरी/वाणिज्यिक काम्प्लैक्स/आवासन) के लिए विस्तार अपेक्षित नहीं होगा और उनका आंकलन प्ररूप 1/प्ररूप 1क और धारणा योजना के आधार पर किया जाएगा।

(ii) सौंपे गए कृत्यों को प्ररूप 1 की प्राप्ति के साठ दिनों के भीतर विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा आवेदक को प्रेषित किया जाएगा। अनुसूची के प्रवर्ग क हाइड्रोक्लेक्ट्रिक परियोजना मद 1 (ग) (i) के मामले में सौंपे गए कृत्यों को पूर्व संनिर्माण क्रियाकलापों के लिए अनापत्ति सहित प्रेषित किया जाएगा। यदि सौंपे गए कृत्यों को अंतिम रूप नहीं दिया गया है और प्ररूप 1 की प्राप्ति के साठ दिनों के भीतर आवेदक को प्रेषित किया जाता है तो आवेदक द्वारा सुझाए गए सौंपे जाने वाले कृत्य ईआईए अध्ययन के लिए अनुमोदित अंतिम सौंपे गए कृत्यों के रूप में समझे जाएंगे। अनुमोदित सौंपे गए कृत्य, पर्यावरण और वन मंत्रालय तथा संबंधित राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण के लिए वेबसाइट पर प्रदर्शित किए जाएंगे।

(iii) इसी प्रक्रम पर संबंधित विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिश पर संबंधित विनियामक प्राधिकरण द्वारा पूर्व पर्यावरणीय अनापत्ति के लिए आवेदनों को नामंजूर किया जा सकेगा। ऐसे नामंजूर किए जाने की दशा में, विनिश्चय को उसके कारणों सहित आवेदक को, आवेदन की प्राप्ति के साठ दिनों के भीतर लिखित में संसूचित किया जाएगा।

### III प्रक्रम (3) लोक परामर्श

(i) “लोक परामर्श” उस प्रक्रिया को निर्दिष्ट करता है जिसके द्वारा स्थानीय प्रभावी व्यक्तियों और ऐसे अन्य व्यक्तियों की चिंताओं को, जिनका परियोजना या क्रियाकलापों के पर्यावरणीय समाघातों में न्यायसंगत आधार है, समुचित रूप में अभिकल्पित परियोजना या क्रियाकलाप में संबंधित सभी सामग्री को ध्यान में रखते हुए सुनिश्चित किया जाएगा। सभी प्रवर्ग “क” और प्रवर्ग “ख1” परियोजनाएं या क्रियाकलाप निम्नलिखित के सिवाय लोक परामर्श करेंगे :-

- (क) सिंचाई परियोजनाओं का आधुनिकीकरण (अनुसूची की मद 1(ग) (ii))।
- (ख) संबंधित प्राधिकारियों द्वारा अनुमोदित औद्योगिक संपदाओं या पार्कों के भीतर अवस्थित सभी परियोजनाएं या क्रियाकलाप (अनुसूची की मद 7(ग)) और जिन्हें ऐसे अनुमोदन में अननुज्ञात नहीं किया जाता है।
- (ग) सड़कों और राजमार्गों का विस्तार (अनुसूची की मद 7(च)) जिनमें भूमि का कोई और अर्जन अंतर्वलित नहीं है।
- (घ) सभी भवन/संनिर्माण परियोजनाएं/क्षेत्र विकास परियोजनाएं और नगरीय योजनाएं (मद 8)।
- (ङ) सभी प्रवर्ग ख 2 परियोजनाएं और क्रियाकलाप।
- (च) केन्द्रीय सरकार द्वारा यथा अवधारित राष्ट्रीय रक्षा और सुरक्षा से संबंधित सभी परियोजनाएं और क्रियाकलाप या जिसमें अन्य युक्तगत विचार अंतर्वलित हैं।

(ii) लोक परामर्श में साधारणतया दो घटक समाविष्ट होंगे :-

- (क) स्थानीय प्रभावित व्यक्तियों की चिंताओं को सुनिश्चित करने के लिए परिशिष्ट 4 में विहित शीत में की जाने वाली स्थल पर या उसके निकट परिसर में जिला वार कोई लोक सुनवाई ;
- (ख) परियोजना या क्रियाकलाप के पर्यावरणीय पहलुओं में कोई न्यायसंगत आधार रखने वाले अन्य संबंधित व्यक्तियों से लिखित में प्रतिक्रियाएं प्राप्त करना।

(iii) स्थल (स्थलों) पर या उसके निकट परिसर में सभी मामलों में लोक सुनवाई विनिर्दिष्ट रीति में संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति द्वारा की जाएगी और कार्यवाहियों को आवेदक से प्राप्त अनुरोध के पैंतालीस दिनों के भीतर संबंधित विनियामक प्राधिकरण को अग्रेषित किया जाएगा।

(iv) यदि संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्य क्षेत्र प्रदूषण नियंत्रण समिति लोक सुनवाई नहीं करती है और लोक सुनवाई को विनिर्दिष्ट अवधि के भीतर पूरी नहीं करती है और/या लोक सुनवाई की कार्यवाहियां को विहित अवधि के भीतर यथाउपर्युक्त संबंधित विनियामक प्राधिकरण को प्रेषित नहीं करती है तो विनियामक प्राधिकरण अन्य लोक अभिकरण या प्राधिकरण को, जो विनियामक प्राधिकरण का अधीनस्थ नहीं है, प्रक्रिया को पैंतालीस दिनों की और अवधि के भीतर पूरा करने के लिए लगाएगी।

(v) यदि ऊपर उपपैरा (iii) के अधीन नामनिर्दिष्ट लोक अभिकरण या प्राधिकरण, संबंधित विनियामक प्राधिकरण को यह रिपोर्ट करता है, कि स्थानीय अवस्थिति के कारण लोक सुनवाई करना संभव नहीं है, तो किसी रीति में स्पष्ट रूप से अभिव्यक्त किए जाने वाले संबंधित स्थानीय व्यक्तियों के विचारों का समर्थन करेंगे। वह उस तथ्य की रिपोर्ट संबंधित विनियामक प्राधिकरण को ब्यौरेवार देगा जो रिपोर्ट पर और अन्य विश्वसनीय सूचना पर सम्यक् रूप से विचार करने के पश्चात्, जिसका लोक परामर्श के लिए विनिश्चय किया गया है, उस दशा में जिसे लोक सुनवाई में सम्मिलित करने की आवश्यकता है, रिपोर्ट करेगा।

(vi) परियोजना या क्रियाकलापों के पर्यावरणीय पहलुओं में कोई न्यायसंगत आधार रखने वाले अन्य संबंधित व्यक्तियों से लिखित में प्रक्रिया अभिप्राप्त करने के लिए, संबंधित विनियामक प्राधिकरण और राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति, आवेदक द्वारा परिशिष्ट 3क में दिए गए प्रारूप में तैयार की गई संक्षिप्त ईआईए रिपोर्ट को उनके वेबसाइट पर देते हुए ऐसे संबंधित व्यक्तियों से लोक सुनवाई की व्यवस्था के लिए किसी लिखित अनुरोध की प्राप्ति के सात दिनों के भीतर प्रतिक्रियाएं प्राप्त करेंगी। गोपनीय सूचना, जिसके अंतर्गत प्रकट न करने योग्य या विधिक रूप से विशेषाधिकार प्राप्त सूचना, जिसमें बौद्धिक संपदा अधिकार अंतर्लित हैं, आवेदन में विनिर्दिष्ट स्रोत, वेबसाइट पर नहीं रखे जाएंगे। संबंधित विनियामक प्राधिकरण, परियोजना या क्रियाकलाप की बाबत विस्तृत प्रचार को सुनिश्चित करने के लिए अन्य समुचित मीडिया का उपयोग भी कर सकेगा। विनियामक प्राधिकरण, तथापि लोक सुनवाई की तारीख तक निरीक्षण के लिए प्रारूप ईआईए रिपोर्ट किसी संबंधित व्यक्ति से, सामान्य कार्यालय घंटों के दौरान अधिसूचित स्थान पर किसी लिखित अनुरोध पर उपलब्ध कराएगा। इस लोक परामर्श प्रक्रिया के भाग के रूप में प्राप्त सभी प्रतिक्रियाएं शीघ्रतम उपलब्ध साधन से आवेदक को अग्रेषित की जाएगी।

(vii) लोक परामर्श पूरा करने के पश्चात्, इस प्रक्रिया के दौरान अभिव्यक्त सभी सारवान पर्यावरणीय चिंताओं को संबोधित करेगा और प्रारूप ईआईए और ईएमपी में समुचित परिवर्तन करेगा। इस प्रकार तैयार की गई अंतिम ईआईए रिपोर्ट आवेदक के लिए संबंधित विनियामक प्राधिकरण को प्रस्तुत की जाएगी। आवेदक, लोक परामर्श के दौरान अभिव्यक्त की गई सभी चिंताओं को संबोधित करते हुए, प्रारूप ईआईए और ईएमपी की एक संक्षिप्त रिपोर्ट अनुकल्पतः प्रस्तुत करेगा।

#### IV प्रक्रम(4) - आंकलन :

(i) आंकलन से आवेदन और अन्य दस्तावेजों, ऐसे अंतिम ईआईए रिपोर्ट, लोक परामर्शों का निष्कर्ष, जिसके अंतर्गत लोक सुनवाई की कार्यवाहियां हैं, पर्यावरणीय अनापत्ति मंजूर करने के लिए संबंधित विनियामक प्राधिकरण को

आवेदक द्वारा प्रस्तुत की गई विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा विस्तृत संवीक्षा अभिप्रेत है। यह आंकलन विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा किसी कार्यवाही को, जिसमें आवेदक को आवश्यक स्पष्टीकरण प्रस्तुत करने के लिए व्यक्तिगत रूप से या किसी प्राधिकृत प्रतिनिधि को आमंत्रित किया जाता है, एक पारदर्शी रीति में किया जाएगा। इस कार्यवाही के निष्कर्ष पर विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति संबंधित विनियामक प्राधिकरण को निश्चित निबंधनों और शर्तों पर पूर्व पर्यावरणीय अनापत्ति मंजूर करने के लिए या पूर्व पर्यावरणीय अनापत्ति के लिए आवेदन को नामंजूर करने के लिए उसके कारणों सहित स्पष्ट सिफारिशें करेगी।

(ii) सभी परियोजनाओं या क्रियाकलापों का आंकलन जो लोक परामर्श के लिए अपेक्षित नहीं है या कोई पर्यावरण समाघात निर्धारण रिपोर्ट प्रस्तुत करना अपेक्षित नहीं है, जैसा लागू हो विहित आवेदन प्ररूप 1 और प्ररूप 1क के आधार पर उपलब्ध सभी अन्य सुसंगत विधिमान्य सूचना और दौर किए स्थल को, जहां विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा ऐसा करना आवश्यक समझा जाता है, कार्यान्वित किया जाएगा।

(iii) किसी आवेदन का आंकलन, विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा अंतिम पर्यावरण समाघात निर्धारण रिपोर्ट और अन्य दस्तावेजों की प्राप्ति या प्ररूप 1 या प्ररूप 1क के साठ दिनों के भीतर पूरा किया जाएगा, जहां लोक परामर्श आवश्यक नहीं है, वहां विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिशों को सक्षम प्राधिकारी के समक्ष अगले पन्द्रह दिनों के भीतर अंतिम विनिश्चय के लिए रखा जाएगा। आंकलन की विहित प्रक्रिया परिशिष्ट V में दी गई है।

7. (ii) विद्यमान परियोजनाओं का विस्तार या आधुनिकीकरण या उत्पाद मिश्रण में परिवर्तन के लिए पूर्व पर्यावरणीय अनापत्ति प्रक्रिया,-

उस क्षमता के परे जिसके लिए इस अधिसूचना के अधीन पूर्व पर्यावरणीय अनापत्ति मंजूर की गई है, उत्पादन क्षमता में वृद्धि सहित या तो पट्टा क्षेत्र या खनन परियोजनाओं की दशा में उत्पादन क्षमता में वृद्धि सहित या इस अधिसूचना की अनुसूची में विहित अंतिम सीमा के परे कुल उत्पादन क्षमता में वृद्धि सहित विद्यमान यूनिट के आधुनिकीकरण के लिए, प्रक्रिया और/या प्रौद्योगिकी में परिवर्तन के माध्यम से या उत्पाद मिश्रण में किसी परिवर्तन के लिए पूर्व पर्यावरणीय अनापत्ति ईप्सित करने वाले सभी आवेदन प्ररूप 1 में किए जाएंगे और उन पर संबंधित विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा साठ दिनों के भीतर विचार किया जाएगा, जो सम्यक् आवश्यक तत्परता से जिसके अंतर्गत ईआईए का तैयार किया जाना और लोक परामर्श भी है, विनिश्चय करेगी और आवेदन का तदनुसार पर्यावरणीय अनापत्ति मंजूर करने के लिए आंकलन किया जाएगा।

8. पूर्व पर्यावरणीय अनापत्ति मंजूर किया जाना या उसको खारिज किया जाना,-

(i) विनियामक प्राधिकरण, संबंधित ई ए सी या एस ई ए सी की सिफारिशों पर विचार करेगा और अपने विनिश्चय को आवेदक को विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिशों की प्राप्ति के पैंतालीस दिनों के भीतर प्रेषित करेगा या अन्य शब्दों में अंतिम पर्यावरणीय समाघात निर्धारण रिपोर्ट की प्राप्ति के एक सौ पांच दिनों के भीतर प्रेषित करेगा और जहां पर्यावरणीय समाघात निर्धारण पूरे आवेदन की प्राप्ति के एक सौ पांच दिनों के भीतर अपेक्षित नहीं है वहां अपेक्षित दस्तावेज, नीचे उपबंधित के सिवाय प्रेषित करेगा।

(ii) विनियामक प्राधिकरण, सामान्यतः विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिशों को स्वीकार करेगा। उन दशाओं में जहां विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिशों से असहमत है, वहां विनियामक प्राधिकरण विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की सिफारिशों की प्राप्ति के पैंतालिस दिनों के भीतर असहमति के कारणों का कथन करते हुए पुनर्विचार का अनुरोध करेगा। इस विनिश्चय की सूचना आवेदक को साथ-साथ प्रेषित की जाएगी। उसके पश्चात् विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति, विनियामक प्राधिकरण के संप्रेक्षणों पर विचार करेगी और उस पर अपने विचार साठ दिनों की अवधि के भीतर पेश करेगी। विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति के विचारों को ध्यान में रखने के पश्चात् विनियामक प्राधिकरण का विनिश्चय अंतिम होगा और संबंधित विनियामक प्राधिकरण को अगले तीस दिनों के भीतर आवेदक को प्रेषित किया जाएगा।

(iii) उस दशा में जहां विनियामक प्राधिकरण का विनिश्चय आवेदक को, ऊपर उपपैरा (i) या (ii) में, जहां लागू हो निर्निर्दिष्ट अवधि के भीतर संसूचित नहीं किया जाता है, वहां आवेदक इस प्रकार अग्रसर हो सकेगा मानो मांगी गई पर्यावरण अनापत्ति मंजूर कर दी गई है या विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की अंतिम सिफारिशों के निबंधनों में विनियामक प्राधिकरण द्वारा नामंजूर कर दी गई है।

(iv) ऊपर पैरा (i) और (ii) के अधीन, जहां लागू हो, विनियामक प्राधिकरण द्वारा विनिश्चय के लिए विनिर्दिष्ट अवधि के अवसान पर, विनियामक प्राधिकरण का विनिश्चय और विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति की अंतिम सिफारिशें लोक दस्तावेज होंगे।

(v) अन्य विनियामक प्राधिकरणों से परियोजनाओं या क्रियाकलापों, या संबंधित विनियामक प्राधिकरण द्वारा स्क्रीनिंग, विस्तारण या आंकलन या विनिश्चय पूर्व पर्यावरण अनापत्ति के लिए आवेदनों की प्राप्ति के पूर्व तब तक अपेक्षित नहीं होगी जब तक या तो ऐसी अनापत्ति किसी विधि की अपेक्षा का आवश्यक तकनीकी कारणों से कोई श्रृंखलाबद्ध आधार न हो।

(vi) जान बूझ कर छिपाना और/या मिथ्या प्रस्तुतीकरण या भ्रामक सूचना या आंकड़े देना जो स्क्रीनिंग, विस्तारण या आंकलन या आवेदन पर विनिश्चय के लिए सारवान हो, आवेदन को नामंजूर किए जाने या उस आधार पर मंजूर की गई पूर्व पर्यावरणीय अनापत्ति के रद्दकरण के लिए दायी बनाएगी। किसी आवेदन को नामंजूर करना या इस आधार पर पहले मंजूर की गई किसी पूर्व पर्यावरणीय अनापत्ति के रद्दकरण का विनिश्चय विनियामक प्राधिकरण द्वारा आवेदक की व्यक्तिगत सुनवाई करने के पश्चात् किया जाएगा और उसमें नैसर्गिक न्याय के सिद्धांतों का पालन किया जाएगा।

#### 9. पर्यावरणीय अनापत्ति की विधिमान्यता,-

“पर्यावरणीय अनापत्ति की विधिमान्यता” से वह अवधि अभिप्रेत है जिससे विनियामक प्राधिकरण द्वारा मंजूर की गई पूर्व पर्यावरणीय अनापत्ति मंजूर की जाती है या आवेदक द्वारा यह समझा जा सकेगा कि यह ऊपर पैरा 7 के उपपैरा (iv) के अधीन परियोजना या क्रियाकलाप द्वारा उत्पादन प्रचालन आरंभ करने या संनिर्माण परियोजनाओं की दशा में (अनुसूची की मद 8) सभी संनिर्माण प्रचालन पूरा करने, जिसके लिए पूर्व पर्यावरण अनापत्ति के लिए

आवेदन का निर्देश करता है, मंजूर की गई है। किसी परियोजना या क्रियाकलाप के लिए नदी घाटी परियोजनाओं (अनुसूची की मद 1(ग)) की दशा में दस वर्ष की अवधि के लिए, विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति द्वारा यथा प्राक्कलित परियोजना की अवधि खनन परियोजनाओं के लिए अधिकतम तीस वर्षों के लिए और सभी अन्य परियोजनाओं और क्रियाकलापों की दशा में पांच वर्ष होगी। तथापि क्षेत्र विकास परियोजनाओं और नगरीय की दशा में (मद 8(ख)) विधिमान्य अवधि केवल ऐसे क्रियाकलापों तक सीमित होगी जहां तक किसी विकासकर्ता के रूप में आवेदक का उत्तरदायित्व है। इस विधिमान्यता की अवधि को संबंधित विनियामक प्राधिकरण द्वारा पांच वर्ष की अधिकतम अवधि तक बढ़ाया जा सकेगा, परन्तु यह तब जब कि कोई आवेदन आवेदक द्वारा विनियामक प्राधिकरण को संनिर्माण परियोजनाओं या क्रियाकलापों के लिए (अनुसूची की मद 8) अद्यतन प्ररूप 1 और अनुपूरक प्ररूप 1क सहित विधिमान्य अवधि के भीतर किया जाता है। इस बाबत विनियामक प्राधिकरण, यथास्थिति, विशेषज्ञ आंकलन समिति या राज्य स्तर विशेषज्ञ आंकलन समिति से भी परामर्श कर सकेगा।

**10. प्रश्च पर्यावरणीय अनापत्ति को मानीटर करना,-**

(i) परियोजना प्रबंधन के लिए प्रत्येक कलेंडर वर्ष की 1 जून और 1 दिसंबर को संबंधित विनियामक प्राधिकरण को निश्चित पूर्व पर्यावरणीय अनापत्ति के निबंधनों और शर्तों के संबंध में अनुपालन रिपोर्टों को अर्धवार्षिक रूप में हार्ड और सॉफ्ट प्रतियों में प्रस्तुत करना आज्ञापक होगा।

(ii) परियोजना प्रबंधन द्वारा प्रस्तुत की गई सभी ऐसी अनुपालन रिपोर्टें लोक दस्तावेज होंगी, उसकी प्रतियां संबंधित विनियामक प्राधिकरण को आवेदन पर किसी व्यक्ति को दी जाएंगी। ऐसी अंतिम अनुपालन रिपोर्टें संबंधित विनियामक प्राधिकरण की वेबसाइट पर भी दर्शित की जाएगी।

**11. पर्यावरणीय अनापत्ति की अंतरणीयता,-**

किसी आवेदक को किसी विनिर्दिष्ट परियोजना या क्रियाकलाप के लिए मंजूर की गई कोई पूर्व पर्यावरणीय अनापत्ति अंतरक द्वारा या अंतरिकी द्वारा आवेदन पर परियोजना या क्रियाकलाप को करने के हकदार किसी अन्य विधिक व्यक्ति को अंतरक द्वारा लिखित "अनापत्ति सहित" जो इसकी विधिमान्यता की अवधि के दौरान संबंधित विनियामक प्राधिकरण द्वारा उन्हीं निबंधनों और शर्तों के अधीन पूर्व पर्यावरणीय अनापत्ति आरंभ में मंजूर की गई थी और उसी विधिमान्यता अवधि के लिए अंतरित की जा सकेगी। ऐसे मामलों में विशेषज्ञ आंकलन समिति या संबंधित राज्य स्तर विशेषज्ञ आंकलन समिति को कोई निर्देश आवश्यक नहीं है।

**12. लंबित मामलों के निपटान तक ई.आई.ए. अधिसूचना का प्रवर्तन,-**

इस अधिसूचना के अंतिम प्रकाशन की तारीख से पर्यावरणीय समाघात निर्धारण की अधिसूचना सं० का.आ. 60(अ), तारीख 27 जनवरी, 1994 को, उन बातों के सिवाय, जिन्हें ऐसे अधिक्रमण से पूर्व किया गया है या करने से लोप किया गया है, उस सीमा तक अधिक्रान्त किया जाता है कि पूर्व पर्यावरणीय अनापत्ति के लिए किए गए और इस अधिसूचना के अंतिम प्रकाशन की तारीख को लंबित सभी या कुछ प्रकार के आवेदनों को, परियोजनाओं या क्रियाकलापों को, उस सूची के सिवाय जिनमें अनुसूची 1 में पूर्व पर्यावरणीय अनापत्ति अपेक्षित है, इस अधिसूचना के किसी एक या सभी उपबंधों से छूट दे सकेगी या उक्त अधिसूचना के कुछ या सभी उपबंधों के प्रवर्तन को इस अधिसूचना के जारी करने की तारीख से एक वर्ष से अधिक अवधि के लिए जारी रख सकेगी।

## अनुसूची

(पैरा 2 और 7 देखें)

पूर्व पर्यावरणीय अनापत्ति की अपेक्षा वाली परियोजनाओं या क्रियाकलापों की सूची

क्र. सं.	परियोजना या क्रियाकलाप	अवसीमा सहित प्रवर्ग		शर्तें, यदि कोई हों
		क	ख	
1	<b>खनन, प्राकृतिक संसाधन का निष्कर्षण और विद्युत उत्पादन विनिर्दिष्ट उत्पादन क्षमता के लिए)</b>			
1	2	3	4	5
1(क)	खनिज का खनन	खनन पट्टा क्षेत्र का $\geq 50$ हे० किसी भी खनन क्षेत्र का ध्यान दिए बिना ऐम्बेस्टेज खनन	$< 50$ हेक्टेयर $\geq 5$ हेक्टेयर खनन पट्टा क्षेत्र	साधारण शर्तें लागू होंगी टिप्पण खनिज पदार्थों के पूर्वक्षण (जिसमें ड्रिलिंग न हो) को छूट दी गई है बशर्त कि वास्तविक सर्वेक्षण के लिए छूट वाले क्षेत्रों की पूर्व अनुमति ली गई है।
1(ख)	अपतट और तटवर्ती तेल तथा गैस की खोज, विकास और उत्पादन	सभी परियोजनाएं	-	टिप्पण सार खोज सर्वेक्षण (जिसमें ड्रिलिंग न हो) को छूट दी गई है बशर्त कि वास्तविक सर्वेक्षण के लिए छूट वाले क्षेत्रों की पूर्व अनुमति ली गई है।
1(ग)	नदी घाटी परियोजनाएं	(i) $\geq 50$ मे०वा० जल विद्युत उत्पादन (ii) $\geq 10,000$ हे०खेती योग्य प्रभावित क्षेत्र	(i) $< 50 \geq 25$ मे०वा० जल विद्युत उत्पादन (ii) $< 10,000$ हे० खेती योग्य प्रभावित क्षेत्र	साधारण शर्तें लागू होंगी
1(घ)	तापीय विद्युत संयंत्र	(कोयला लिग्नाइट और नेफ्था आधारित) $\geq 500$ मे.वा. $\geq 50$ मे.वा. (पेटकोक, डीजल और सभी अन्य ईंधन)	(कोयला/लिग्नाइट/नेफ्था एवं गैस आधारित) $< 500$ मे.वा. (पेटकोक, डीजल और सभी अन्य ईंधन) $< 50$ मे.वा $\geq 5$ मे.वा.	साधारण शर्तें लागू होंगी
1(ङ)	आणविक विद्युत परियोजनाएं और आणविक ईंधन का प्रसंस्करण	सभी परियोजनाएं	-	
2	<b>प्राथमिक प्रसंस्करण</b>			
2(क)	कोयला धोवनशालाएं	$\geq 1$ मिलियन टन/ वार्षिक कोयले का उत्पादन	$< 1$ मिलियन टन/ वार्षिक कोयले का उत्पादन	साधारण शर्तें लागू होंगी ( यदि खनन क्षेत्र के अंदर स्थित है तो प्रस्ताव का मूल्यांकन खनन प्रस्ताव के साथ किया जाना चाहिए)

2(ख)	खनिज सज्जीकरण	$\geq 0.1$ मिलियन टन/ वार्षिक कोयले का उत्पादन	$< 0.1$ मिलियन टन/ वार्षिक कोयले का उत्पादन	साधारण शर्त लागू होगी अनापत्ति प्रदान करने के लिए खनन प्रस्ताव का खनिज सज्जीकरण के साथ ही मूल्यांकन किया जाना चाहिए
3	<b>पदार्थ उत्पादन</b>			
3(क)	धातुकर्म उद्योग (फेर्स और गैर फेर्स)	क) प्राथमिक धातुकर्म उद्योग सभी परियोजनाएं ख) स्पंज आयरन विनिर्माण $\geq 200$ टन पी डी ग) गौण धातु कर्म प्रसंस्करण उद्योग सभी विषाक्त और भारी धातु उत्पादित करने वाली ईकाइयां $\geq 20,000$ टन/ वार्षिक	स्पंज आयरन विनिर्माण $< 200$ टन पी डी गौण धातु कर्म प्रसंस्करण उद्योग 1) सभी विषाक्त और भारी धातु उत्पादित करने वाली ईकाइयां $< 20,000$ टन/ वार्षिक 2) अन्य सभी विषरहित गौण धातुकर्म प्रसंस्करण उद्योग $> 5000$ टन / वार्षिक	स्पंज आयरन विनिर्माण के लिए साधारण शर्त लागू होगी
3(ख)	सीमेंट संयंत्र	वार्षिक उत्पादन क्षमता $\geq 1.0$ मिलियन टन	वार्षिक उत्पादन क्षमता $< 1.0$ मिलियन टन यह सभी ग्राइंडिंग इकाइयों के लिए लागू है	साधारण शर्त लागू होगी
4	<b>पदार्थ प्रसंस्करण</b>			
4(क)	पेट्रोलिम रिफाइनिंग उद्योग	सभी परियोजनाएं	-	-
4(ख)	कोक भट्टी संयंत्र	$\geq 2,50,000$ टन वार्षिक	$< 2,50,000$ एवं $\geq 25,000$ टन वार्षिक	-
4(ग)	एस्बेस्टास मिलिंग और एस्बेस्टास आधारित उत्पाद	सभी परियोजनाएं	-	-
4(घ)	क्लोस्कार उद्योग,	उत्पादन क्षमता $\geq 300$ टन पी डी या अधिसूचित औद्योगिक क्षेत्र/संपदा से बाहर अवस्थित ईकाई	उत्पादन क्षमता $< 300$ टन पी डी और अधिसूचित औद्योगिक क्षेत्र/संपदा में अवस्थित ईकाई	विनिर्दिष्ट शर्त लागू होगी किसी नए पारा प्रकोष्ठ आधारित संयंत्र को अनुज्ञा नहीं दी जाएगी और इस अधिसूचना द्वारा अतिस्तीमय प्रकोष्ठ प्रौद्योगिकी में परिवर्तन करने वाली विद्यमान ईकाई को छूट प्राप्त है।

4	सोडा भस्म उद्योग	सभी परियोजनाएं	-	-
4(ब)	धमड़ा/स्वचा/खाल प्रसंस्करण उद्योग	औद्योगिक क्षेत्र से बाहर सभी नई परियोजनाएं या औद्योगिक क्षेत्र के बाहर विद्यमान ईकाइयों का विस्तार	अधिसूचित औद्योगिक क्षेत्र/संपदा में अवस्थित सभी नई परियोजनाएं या परियोजनाओं का विस्तार	विनिर्दिष्ट शर्त लागू होगी
5	उत्पादन/कैल्सिफिकेशन			
5(क)	रासायनिक उर्वरक	सभी परियोजनाएं	-	-
5(ख)	कीटनाशक उद्योग और कीटनाशक विशिष्ट मध्यक जीवमार (विनिर्मिति को छोड़कर)	तकनीकी श्रेणी के कीटनाशकों को उत्पादन करने वाली सभी ईकाइयों	-	-
5(ग)	पेट्रो रसायन परिसर (पेट्रोलियम के अंश और प्राकृतिक गैस और/या सुगन्धितों में सुधार प्रसंस्करण आधारित उद्योग)	सभी परियोजनाएं	-	-
5(घ)	मानव निर्मित फाइबर का उत्पादन	रेयन	अन्य	साधारण शर्त लागू होगी
5(ङ)	पेट्रो रसायन आधारित प्रसंस्करण ( भंजन से भिन्न अन्य प्रसंस्करण तथा सुधार और जो परिसर के भीतर समाविष्ट नहीं है )	अधिसूचित औद्योगिक क्षेत्र/संपदा के बाह्य अवस्थित	अधिसूचित औद्योगिक क्षेत्र/संपदा के भीतर अवस्थित	विनिर्दिष्ट शर्त लागू होगी
5(च)	संश्लिष्ट कार्बनिक रसायन उद्योग (रंजक और रंजक मध्यक; थोक औषधि और औषधि विनिर्मितियों को छोड़कर मध्यक; संश्लिष्ट रबड़ मूल कार्बनिक रसायन, अन्य संश्लिष्ट कार्बनिक रसायन और रसायन मध्यक)	अधिसूचित औद्योगिक क्षेत्र/संपदा के बाह्य अवस्थित	अधिसूचित औद्योगिक क्षेत्र/संपदा के भीतर अवस्थित	विनिर्दिष्ट शर्त लागू होगी
5(छ)	आसवनी	(i) सभी शीरा आधारित आसवनी (ii) सभी गन्ने का रस/गीर-शीरा आधारित आसवनी $\geq 30$ कि०ली० दैनिक	सभी गन्ने का रस/गीर शीरा आधारित आसवनी $< 30$ कि०ली० दैनिक	साधारण शर्त लागू होगी
5(ज)	समेकित पेट उद्योग	-	सभी परियोजनाएं	साधारण शर्त लागू होगी
5(झ)	अपशिष्ट कागज से कागज का निर्माण और तैयार लुग्दी और विरंजन किए बिना तैयार लुग्दी से कागज निर्माण के अलावा लुग्दी एवं कागज	लुग्दी विनिर्माण और लुग्दी और कागज विनिर्माण उद्योग	लुग्दी विनिर्माण के बिना कागज विनिर्माण उद्योग	साधारण शर्त लागू होगी

	उद्योग			
5(अ)	चीनी उद्योग		गन्ना पेरने की क्षमता $\geq$ 5000 टन दैनिक	साधारण शर्त लागू होगी
5(ट)	प्रेरण/आर्क मट्टी/कुपोला मट्टी 5 टन प्रति घंटा या ज्यादा		सभी परियोजनाएं	साधारण शर्त लागू होगी
6	<b>सेवा सेक्टर</b>			
6(क)	राष्ट्रीय उद्यानों/ अभयारण्यों/ प्रवाल भित्तियों/ एल एन जी टर्मिनल सहित पारिस्थिकीय संवेदनशील क्षेत्रों से गुजरने वाली तेल और गैस परिवहन पाइप लाइनें (अपरिकृष्ट और परिष्करीय/पेट्रो रसायन उत्पाद)	सभी परियोजनाएं		
6(ख)	एकल भंडारकरण और परिसंकटमय रसायन को संभालना (एमएसआईएससी नियम, 1989 और 2000 की संशोधित अनुसूची 2 और 3 के स्तंभ 3 में उपदर्शित अवसीमा योजना परिमाण के अनुसार		सभी परियोजनाएं	साधारण शर्त लागू होगी
7	<b>पर्यावरणीय सेवाओं सहित भौतिक अवसंरचना</b>			
7(क)	विमानपत्तन	सभी परियोजनाएं	-	-
7(ख)	सभी पोत भंजन यार्ड जिसमें पोत भंजन इकाई भी सम्मिलित है	सभी परियोजनाएं	-	-
7(ग)	औद्योगिक सम्पदा/पार्क/परिसर/ क्षेत्र/निर्यात प्रसंस्करण जोन (नि.प्र.जो.), विशेष आर्थिक जोन (वि.आ.जो.) जैव प्रौद्योगिकी पार्क वमझ परिसर	प्रस्तावित औद्योगिक संपदा में यदि एक भी उद्योग श्रेणी क के अंतर्गत आता है तो पूरे औद्योगिक क्षेत्र को श्रेणी क ही समझा जाएगा चाहे वह किसी भी क्षेत्र में हो  500 हेक्टेयर से ज्यादा क्षेत्र की औद्योगिक संपदाएं और जिनमें कम से कम एक श्रेणी ख का उद्योग स्थित हो	औद्योगिक संपदाएं और जिनमें कम से कम एक श्रेणी ख का उद्योग स्थित है और क्षेत्र < 500 हेक्टेयर हो  औद्योगिक संपदाएं क्षेत्र > 500 हेक्टेयर और जिनमें श्रेणी क या ख श्रेणी का कोई उद्योग नहीं है	विशेष शर्त लागू होगी टिप्पण 500 हेक्टेयर से कम क्षेत्र की औद्योगिक संपदाओं जिनमें क या ख श्रेणी का कोई उद्योग नहीं है, को मंजूरी की आवश्यकता नहीं है
7(घ)	सामान्य परिसंकटमय अपशिष्ट उपचार भंडारकरण और निपटान सुविधाएं (उ.भ.नि.सु.)	सभी एकीकृत सुविधाएं जिनमें भस्मीकरण और भूमिभरण या केवल भस्मीकरण शामिल है	केवल भूमि भरण वाली सभी सुविधाएं	साधारण शर्त लागू होगी

7(क)	पत्तन, बंदरगाह	≥ 5 मिलियन टन वार्षिक स्थोरा की उठाई-धराई की क्षमता (मत्स्य बंदरगाह से भिन्न)	< 5 मिलियन टन वार्षिक स्थोरा की उठाई-धराई की क्षमता और पत्तन/बंदरगाह में ≥ 10,000 टन वार्षिक मछली पकड़ने की क्षमता	साधारण शर्त लागू होगी
7(घ)	राजमार्ग	1) नए राष्ट्रीय राजमार्गों और 2) 30 कि.मी. से ज्यादा लंबाई के राष्ट्रीय राजमार्गों का विस्तार जिनमें मार्ग के दोनों ओर अतिरिक्त भूमि अधिग्रहण 20 मीटर से ज्यादा है और एक से अधिक राज्यों से गुजरते हैं।	1) नए राज्य राजमार्गों और 2) 30 कि.मी. से ज्यादा लंबे राष्ट्रीय/राज्य राजमार्गों का विस्तार जिनमें मार्ग के दोनों ओर अतिरिक्त भूमि अधिग्रहण 20 मीटर से ज्यादा है।	साधारण शर्त लागू होगी
7(ङ)	आकाशी यात्री रज्जुमार्ग		सभी परियोजनाएं	साधारण शर्त लागू होगी
7(च)	सामान्य स्राव उपचार संयंत्र (स.स.उ.सं.)		सभी परियोजनाएं	साधारण शर्त लागू होगी
7(छ)	नगरपालिका ठोस अपशिष्ट प्रबंधन सुविधा (स.न.अ.प्र.स.)		सभी परियोजनाएं	साधारण शर्त लागू होगी
8	शबन/ संनिमाण परियोजनाएं/क्षेत्र विकास परियोजनाएं और शहरीकरण			
8(क)	शबन एवं संनिमाण परियोजनाएं		≥ 20000 वर्ग मी. के निर्मित क्षेत्र और < 1,50,000 वर्ग मीटर के निर्मित क्षेत्र #	# आवृत संनिमाण के लिए निर्मित क्षेत्र आकाश की ओर खुली सुविधाओं की दशा में यह क्रियाकलाप क्षेत्र भी होगा।
8(ख)	नगरी और क्षेत्र विकास परियोजनाएं		≥ 50 है० क्षेत्र को सम्मिलित करते हुए और या निर्मित क्षेत्र ≥ 1,50,000 वर्ग मीटर ++	++ 8 (ख) के अंतर्गत सभी परियोजनाओं को ख 1 प्रवर्ग के अनुसार निर्बंधित किया जाएगा।

## टिप्पण

## साधारण शर्त (सा.श.)

प्रवर्ग "ख" में विनिर्दिष्ट किसी परियोजना या क्रियाकलाप को प्रवर्ग "क" माना जाएगा, यदि वह : (i) वन्य जीव (संरक्षण) अधिनियम, 1972 के अधीन अधिसूचित संरक्षित क्षेत्र; (ii) उसकी समय-समय पर केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा गंभीर रूप से प्रदूषित क्षेत्र के रूप में पहचान की गई है; (iii) परिस्थितिकी संवेदनशील क्षेत्र अधिसूचित है; और (iv) अंतरराज्यिक सीमाओं और अंतरराष्ट्रीय सीमाओं से दस किलोमीटर के भीतर संपूर्ण रूप से या आंशिक रूप में अवस्थित है।

## विनिर्दिष्ट शर्त (वि.श.)

यदि कोई मद 4(घ), 4(च), 5(ङ), 5(च) जैसी समयुग्म की प्रकार का उद्योगों वाला औद्योगिक संपदा/कांप्लेक्स/निर्यात प्रसंस्करण जोन/विशेष आर्थिक जोन/जैव प्रौद्योगिकी उद्यान/क्षमका परिसर या पूर्व निर्धारित गतिविधियों वाले उद्योग (आवश्यक नहीं कि वे समयुग्म हों) पूर्व पर्यावरणीय अनापत्ति प्राप्त करते हैं, तो ऐसी संपदाओं/कांप्लेक्सों के भीतर प्रस्तावित उद्योगों सहित निजी उद्योगों को तब तक पूर्व पर्यावरणीय अनापत्ति लेना अपेक्षित नहीं है जब तक कि औद्योगिक कांप्लेक्स/संपदा के लिए निबंधनों और शर्तों का अनुपालन नहीं करते (ऐसी संपदा/कांप्लेक्सों की पूर्व पर्यावरणीय अनापत्ति की निबंधनों और शर्तों के लिए सहमता सुनिश्चित करने के विधिक उत्तरदायित्व से स्पष्ट रूप से पहचान करने का प्रबंध होना चाहिए जिसे कांप्लेक्स/संपदा के सारे जीवन में उसके अतिक्रमण के लिए उत्तरदायी ठहराया जा सकेगा)।

[सं. जे-11013/56/2004-आईए-II(1)]

आर. चन्द्रमोहन, संयुक्त सचिव

परिशिष्ट -I  
(पैरा 6 देखें)  
प्ररूप 1

(1) आघारभूत जानकारी

परियोजना का नाम :

विचारसधीन अनुकल्पी अवस्थिति/स्थान :

परियोजना का आकार \* :

परियोजना की प्राक्कलित लागत

संपर्क जानकारी :

संवीक्षा प्रवर्ग :

- अचत्तीय क्रियाकलाप के लिए तत्स्थानी क्षमता (जैसे विनिर्माण करने के लिए उत्पादन क्षमता, खनिज उत्पादन के लिए खनन पट्टा क्षेत्र और उत्पादन क्षमता, खनिज पूर्वक्षेण के लिए क्षेत्र, अनुरेख परिवहन अवसंरचना के लिए लंबाई, विद्युत उत्पादन आदि के उत्पादन क्षमता )

(II) क्रियाकलाप

1. परियोजना का संनिर्माण, प्रचालन या न निकालना जिसमें ऐसी कार्रवाई भी सम्मिलित है जो पक्षेत्र में भौतिक परिवर्तनों का कारण होगी (स्थलाकृति, भूमि उपयोग, जल निकायों में परिवर्तन आदि)

क्र.सं.	जानकारी/जांच सूची पुष्टिकरण	हाँ/नहीं	उनके ब्यारे (लगभग मात्रा/दरों, सहित, जो संभव हो, सहित) आंकड़ों की जानकारी के स्रोत सहित ।
1.1	भूमि उपयोग, समावेश भूमि या स्थलाकृति में स्थायी या अस्थायी जिसमें भूमि उपयोग की मात्रा(स्थानीय भूमि उपयोग योजना के बारे में वृद्धि भी सम्मिलित है)		
1.2	विद्यमान भूमि, वनस्पति और भवनों की अनापत्ति		
1.3	नई भूमि उपयोगों का सृजन		
1.4	संनिर्माण पूर्व अन्वेषण अर्थात बोर, गृह, मिट्टी का परिक्षण करना		
1.5	संनिर्माण कार्य		
1.6	विध्वंस कार्य		

1.7	संनिर्माण कार्य या संनिर्माण कर्मचारों के घर के प्रबंध के लिए उपयोग किए गए अस्थायी स्थल		
1.8	उपर्युक्त भू-भंडारण, संरचनाएं या बुद्धि जिसमें अनुरेखीय संरचनाएं, काटनीं और भस्म या बुवाई भी सम्मिलित है।		
1.9	भूमिगत कार्य जिसमें छानन या चुपंग बनाना भी सम्मिलित है।		
1.10	भूमि उद्धार कार्य		
1.11	तलकषक		
1.12	अपतट संरचनाएं		
1.13	उत्पादन और विनिर्माण प्रक्रियाएं		
1.14	सामग्रियों या माल के भंडार की सुविधाएं		
1.15	ठीस अवशिष्ट या तरल बहिःस्रावों के उपचार या निपटान के लिए सुविधाएं		
1.16	परिचालन कर्मचारों के दीर्घकालिक घर का प्रबंध के लिए सुविधाएं		
1.17	संनिर्माण या प्रचालन के दौरान नई सड़क, रेल या समुद्री यातायात		
1.18	नई सड़क, रेल, वायु जल वहिन या अन्य परिवहन अवसंरचना जिसमें नए या परिवर्तित मार्ग और स्टेशन, पत्तन, विमानपत्तन आदि भी सम्मिलित है।		
1.19	विद्यमान परिवहन मार्गों को बंद करना या अपभ्रंश या यातायात परिचालन में परिवर्तनों के लिए प्रमुख अवसंरचना		
1.20	नई या अपवर्तित प्रेषण लाईमें या पाइपलाइनें		
1.21	अवरुद्ध करना, बांध बनाना, पुलिया बनाना, पुनःरेखांकन या जलमार्गों या एकवीकरों के जल विज्ञान के लिए अन्य परिवर्तन		
1.22	प्रवाह पार		
1.23	भूजल या भूतल से जल का अंतरण या पृथक्करण		
1.24	नालियों या प्रवाह को प्रभावित करने वाले जलनिष्पादों या भूमि स्तर में परिवर्तन		
1.25	संनिर्माण, परिचालन या न भिकालने के लिए कार्मिक या सामग्रियों का परिवहन		
1.26	दीर्घकालिक रूप में तोड़ना, प्रारंभ करना या कार्य पुनः आरंभ करना।		
1.27	आरंभ के दौरान जारी ऐसे क्रियाकलाप जो पर्यावरण पर समाघात कर सकेंगे।		
1.28	जनता का किसी क्षेत्र के लिए या तो अस्थायी रूप से या स्थायी रूप से आना।		
1.29	अन्य देशीय प्रजातियों का आना		
1.30	मूल निवासी प्रजातियों या आनुवंशिक विविधता की हानि		
1.31	अन्य कोई कार्यवाहियां		

2. परियोजना के संनिर्माण या प्रचालन के लिए प्राकृतिक संसाधनों का उपयोग (जैसे भूमि, जल सामग्री या ऊर्जा विशेष रूप से ऐसा कोई संसाधन जो नवीकरणीय नहीं है या जिसका प्रदाय कम है )

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यारे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
2.1	विशेष रूप से अविकसित भूमि या कृषि भूमि (हे0)		
2.2	जल (अनुमानित स्रोत और प्रतियोगी उपयोगकर्ता) इकाई : के.एल.डी.		
2.3	खनिज (एम.टी.)		
2.4	संनिर्माण सामग्री -- पत्थर औरत, बालू/मृदा (अनुमानित स्रोत एम.टी.)		
2.5	वन और इमारती लकड़ी (स्रोत -- एम.टी.)		
2.6	ऊर्जा जिसके अंतर्गत विद्युत और ईंधन (स्रोत, प्रतियोगी उपयोगकर्ता) इकाई : ईंधन (एम.टी.) ऊर्जा (एम.डब्ल्यू)		
2.7	कोई अन्य प्राकृतिक संसाधन (समुचित मानक इकाइयों का उपयोग करें )		

3. पदार्थों या सामग्रियों का उपयोग अदहरण, परिवहन, उद्योग धराई या उत्पादन, जो मानव स्वास्थ्य या पर्यावरण के लिए खतरनाक या जिनके मानव स्वास्थ्य की जीवित की आवश्यकता के बारे में चिंताएं उत्पत्ती हैं ।

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यारे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
3.1	पदार्थों या सामग्रियों का उपयोग जो मानव स्वास्थ्य या पर्यावरण (फ्लोरा, फोना और जल प्रदाय के लिए परिसंकटमय) (एम.एस.आई.एच.सी. नियमों के अनुसार) है		
3.2	रोग के होने में परिवर्तन या रोग वाहकों के रोग का प्रभाव (उदहरणार्थ कीट या जल-जन्य रोग)		
3.3	लोगों के कल्याण पर प्रभाव. उदहरणार्थ जीवन दशाओं में परिवर्तन करके		
3.4	लोगों के संवेदनशील समूह जो परियोजना अर्थात् अस्पताल रोगियों, बालकों, वृद्धों आदि द्वारा प्रभावित हो सकते हैं		
3.5	कोई अन्य कारण		

## 4. निर्माण या प्रचालन या प्रारंभ न करने के दौरान टोस अपशिष्टों का उत्पादन (एम.टी./मास)

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
4.1	मृदा, अधिक भार या खान अपशिष्ट		
4.2	नगरपालिक अपशिष्ट (घरेलू और या वाणिज्यिक अपशिष्ट)		
4.3	परिसंकटमय अपशिष्ट (परिसंकटमय अपशिष्ट प्रबंध तंत्र नियमों के अनुसार)		
4.4	अन्य औद्योगिक प्रक्रिया अपशिष्ट		
4.5	अधिशेष उत्पाद		
4.6	मल बही-स्राव उपचार से मल गाद या अन्य गाद		
4.7	निर्माण या ढाये गए अपशिष्ट		
4.8	बेकार मशीनरी या उपकरण		
4.9	संदूषित मृदाएं या अन्य सामग्रियां		
4.10	कृषि अपशिष्ट		
4.11	अन्य टोस अपशिष्ट		

## 5. वायु में संदूषकों या किसी परिसंकटमय ठोसों या जहरीले पदार्थों का विसर्जन

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
5.1	लेखन सामग्री या चल संसाधनों से जीवाणु ईंधनों के दहन से उत्सर्जन		
5.2	उत्पादन प्रक्रियाओं से उत्सर्जन		
5.3	सामग्रियों की उठाई धराई से जिसके अंतर्गत भंडारण या परिवहन भी है, उत्सर्जन		
5.4	निर्माण क्रियाकलापों से जिसके अंतर्गत संयंत्र और उपकरण भी हैं, उत्सर्जन		
5.5	सामग्रियों की उठाई धराई से जिसके अंतर्गत निर्माण सामग्री, मल और अपशिष्ट भी हैं, धूल या गंध		
5.6	अपशिष्ट के भस्मीकरण से उत्सर्जन		
5.7	खुली वायु में अपशिष्ट के जलने से उत्सर्जन (उदाहरणार्थ स्तंभ सामग्री, निर्माण सामग्री का ढेर)		
5.8	किसी अन्य स्रोतों से उत्सर्जन		

## 6. शोर और कंपन का पैदा होना तथा प्रकाश और उष्मा का उत्सर्जन

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
6.1	उपस्कर के प्रचालन से उदाहरणार्थ ईजन, वातायन संयंत्र, संदलनित्र		
6.2	औद्योगिक या उसी प्रकार की प्रक्रियाओं से		
6.3	निर्माण या ढहाने से		
6.4	विस्फोटन या पाइलिंग से		
6.5	निर्माण या प्रचालन संबंधी यातायात से		
6.6	प्रकाशन या प्रशीतन प्रणालियों से		
6.7	किन्हीं अन्य संसाधनों से		

## 7. भूमि या मल नालियों, सतही जल, भूमिगत जल, तटीय जल या समुद्र में प्रदूषकों के विसर्जन से भूमि या जल के संदूषण के जोखिम

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
7.1	परिसंकटमय सामग्री की उठाई धराई, भंडारण, उपयोग या गाद से		
7.2	जल या भूमि में (अनुमानित ढंग और विसर्जन का स्थान) मल या अन्य बही स्रावों के विसर्जन से		
7.3	वायु से भूमि या जल में उत्सर्जित प्रदूषकों के जमा होने से		
7.4	किन्हीं अन्य संसाधनों से		
7.5	क्या इन संसाधनों से पर्यावरण में प्रदूषकों के जमा होने से दीर्घकालिक जोखिम है ?		

## 8. परियोजना के निर्माण या प्रचालन के दौरान दुर्घटनाओं का जोखिम जो मानव स्वास्थ्य या पर्यावरण को प्रभावित कर सकते हैं

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
8.1	परिसंकटमय पदार्थों के विस्फोट, गाद, आग, भंडारण, उठाई धराई या उत्पादन से		
8.2	किन्हीं अन्य कारणों से		
8.3	क्या परियोजना प्राकृतिक विपदाओं द्वारा पर्यावरण को नुकसान पहुंचाएंगी (उदाहरणार्थ बाढ़, भूकंप, भू-सखलन, वृष्टिस्फोट आदि) ?		

9. बातें जिन पर विचार किया जाना चाहिए (जैसे पारिणामिक विकास) जिनके कारण पर्यावरणीय प्रभाव होते हैं या जो संचयी प्रभावों को करने के लिए अन्य विद्यमान प्रभावों सहित या पक्षेत्र में नियोजित क्रियाकलापों के लिए सामर्थवान हैं

क्र.सं.	सूचना/जांच सूची पुष्टीकरण	हां/नहीं	सूचना आंकड़ों के स्रोत सहित उनके ब्यौरे (लगभग मात्राओं/दरों सहित, जहां कहीं संभव हो)
9.1	जिसके कारण आधार का विकास, सहायक विकास या परियोजना द्वारा विकास को बल मिलता है जिसका पर्यावरण पर प्रभाव हो सकता है अर्थात् - <ul style="list-style-type: none"> <li>• आधारीक अवसंरचना (सड़कें, बिजली प्रदाय, अपशिष्ट या अपशिष्ट जल उपचार आदि)</li> <li>• आवासन विकास</li> <li>• निष्कर्षित उद्योग</li> <li>• पूर्ति उद्योग</li> <li>• अन्य</li> </ul>		
9.2	जिसके कारण स्थल का बाद में उपयोग होता है जिसका पर्यावरण पर प्रभाव हो सकता है		
9.3	पश्चात्वर्ती विकासों के लिए उदाहरण स्थापित करना		
9.4	सामिप्य के कारण अन्य विद्यमान परियोजनाओं पर संचयी प्रभाव हैं या उसी प्रकार के प्रभावों सहित नियोजित परियोजनाएं		

### (III) पर्यावरणीय संवेदनशीलता

क्र.सं.	क्षेत्र	नाम/पहचान	आकाशी दूरी (15 किलोमीटर के भीतर) प्रस्तावित परियोजना अवस्थान सीमा
1.	उनके पारिस्थितिक भू-दृश्य, सांस्कृतिक या अन्य संबंधित मूल्यों के लिए अंतरराष्ट्रीय कन्वेंशन, राष्ट्रीय या स्थानीय विधान के अधीन संरक्षित क्षेत्र ।		
2.	क्षेत्र जो पारिस्थितिक कारणों के लिए महत्वपूर्ण या संवेदनशील हैं - वेट लैंड्स, जल स्रोत या अन्य जल संबंधी निकाय, तटीय जोन, बायोस्फीयर, पहाड़ियां, वन		
3.	क्षेत्र जो प्रजनन, घासला बनाने, चारे के लिए, आराम करने के लिए, सर्दी के लिए, प्रवास के लिए फ्लोरा और फोना के संरक्षित महत्वपूर्ण या संवेदनशील प्रजातियों द्वारा उपयोग किए जाते हैं		
4.	अंतरदेशीय, तटीय, सामुद्रिक या भूमिगत जल		

5.	राज्य, राष्ट्रीय सीमाएं		
6.	मनोरंजन की या अन्य पर्यटक/यात्रियों वाले क्षेत्रों में पहुंच के लिए जनता द्वारा उपयोग किए जाने वाले मार्ग या सुविधाएं		
7.	रक्षा प्रतिष्ठापन		
8.	सघन रूप से बसे हुए या निर्मित क्षेत्र		
9.	संवेदनशील मानव निर्मित भूमि उपयोगों के अधिभोगाधीन क्षेत्र अस्पताल, पाठशालाएं, पूजा स्थल, सामुदायिक सुविधाएं		
10.	महत्वपूर्ण, उच्च क्वालिटी या दुर्लभ संसाधनों वाले क्षेत्र (भूमिगत जल संसाधन, भूतल संसाधन, वनोद्योग, कृषि, मत्स्य उद्योग, पर्यटन, खनिज)		
11.	क्षेत्र जो पहले से ही प्रदूषण या पर्यावरणीय नुकसान के अधीन हैं (वे जहां विद्यमान विधिक पर्यावरणीय मानक अधिक होते हैं)		
12.	क्षेत्र जहां प्राकृतिक संकट हो सकता है जो वर्तमान पर्यावरणीय समस्याओं की योजनाओं को प्रभावित कर सकते हैं (धंसना, भूस्खलन, भूमि कटाव, बाढ़ या अत्यंत या प्रतिकूल वातावरणीय दशाएं)		

**परिशिष्ट 2**  
(पैरा 6 देखें)

प्ररूप 1क। (केवल अनुसूची की मद 8 के अधीन सूचीबद्ध निर्माण परियोजनाओं के लिए)

**पर्यावरणीय प्रभावों की जांच सूची**

(पूर्ण जानकारी उपलब्ध कराने के लिए अपेक्षित परियोजना सलाहकार और जहां कहीं आवश्यक हो प्ररूप के साथ स्पष्टीकारक टिप्पण संलग्न करें तथा प्रस्तावित पर्यावरणीय प्रबंधन योजना और मानिटरिंग कार्यक्रम के साथ प्रस्तुत करें)

**1. भूमि पर्यावरण**

(परियोजना स्थल और आसपास का विशाल दृश्य संलग्न करें)

1.1 क्या विद्यमान भूमि के उपयोग में परियोजना से सारवान रूप से परिवर्तन किया जाएगा जो वातावरण आसपास से संगत नहीं है ? (प्रस्तावित भूमि उपयोग सक्षम प्राधिकारी के अनुमोदित मास्टर प्लान/विकास योजना के अनुरूप होना चाहिए। भूमि उपयोग में परिवर्तन यदि कोई हो और सक्षम प्राधिकारी से कानूनी अनुमोदन प्रस्तुत किया जाए)। (i) स्थल अवस्थान, (ii) प्रस्तावित स्थल (पांच सौ मीटर के भीतर आसपास के सक्षमों) और (iii) समुचित मापमान के स्थल (स्तर और समोच्च रेखा उपदर्शित करते हुए) के नक्शे संलग्न करें। यदि उपलब्ध नहीं है तो केवल अवधारणा युक्त योजना संलग्न करें।

1.2 भूमि क्षेत्र, निर्मित क्षेत्र, जल उपयोग, विद्युत अपेक्षा, संयोजकता, सामुदायिक सुविधाओं, पतिका आवश्यकताओं आदि के अनुसार सभी बड़ी परियोजना की आवश्यकताओं को सूचीबद्ध करें।

1.3 प्रस्तावित स्थल से संलग्न विद्यमान सुविधाओं पर प्रस्तावित विकासकार्य के संभावित प्रभाव क्या हैं ? (उपलब्ध खुले स्थल, सामुदायिक सुविधाएं, विद्यमान भूमि उपयोग के ब्यारे, स्थानीय पारिस्थिति, आदि)

1.4 क्या किसी महत्वपूर्ण भूमि विज्ञ के परिणामस्वरूप भूस्खलन, भूमि कटाव, अथवा अन्य प्रकार के नुकसान, किस्म, ढाल विश्लेषण, भूमि कटाव की संवेदनशीलता, भूकंपन आदि के जोड़े दिए गए हैं?

- 1.5 क्या प्राकृतिक मल निकास प्रणाली के परिवर्तन से संबंधित प्रस्ताव है ? (प्रस्तावित परियोजना स्थल के निकट प्राकृतिक मल निकासी को दर्शित करते हुए किसी समोच्च नक्शे के ब्यौरे दें)
- 1.6 निर्माण क्रियाकलाप — कर्तन, भरण, भूमि सुधार आदि में अंतर्वलित भूमि कार्य की मात्राएं क्या हैं ? (अंतर्वलित भूमि कार्य, स्थल आदि के बाहर से सामग्री भरने के परिवहन के ब्यौरे दें)
- 1.7 निर्माण अवधि के दौरान जल प्रदाय अपशिष्ट उठाई धराई आदि के संबंध में ब्यौरे दें ।
- 1.8 क्या नीचे के क्षेत्रों और वेट लैंड्स में परिवर्तन होंगे ? (वह ब्यौरे दें कि किस प्रकार निचले क्षेत्र और वेट लैंड्स प्रस्तावित क्रियाकलापों से उपांतरित हो रहे हैं)
- 1.9 क्या निर्माण के दौरान निर्माण के कूड़ा करकट और अपशिष्ट से स्वास्थ्य को खतरा होगा ? (निर्माण के दौरान जिसके अंतर्गत निर्माण श्रम और व्ययन की युक्तियां भी हैं, जनित अपशिष्टों की विभिन्न किस्मों की मात्राएं दें ।)

## 2. जल पर्यावरण

- 2.1 विभिन्न उपयोगों की अपेक्षाओं के विश्लेषण सहित प्रस्तावित परियोजना के लिए जल अपेक्षा की कुल मात्रा दें । जल अपेक्षा की पूर्ति कैसे होगी । स्रोतों और मात्राओं का कथन करें तथा एक जल अतिशेष विवरण दें ।
- 2.2 जल के प्रस्तावित स्रोत की क्षमता क्या है ? (बहाव या प्राप्ति के आधार पर)
- 2.3 अपेक्षित जल की क्वालिटी क्या है यदि पूर्ति किसी नगर पालिक स्रोत से नहीं है ? (जल की क्वालिटी के वर्ग सहित भौतिक, रासायनिक, जैव वैज्ञानिक लक्षणों को दर्शित करें)
- 2.4 कितनी जल अपेक्षा की उपचारित बेकार जल के पुनः चक्रण से पूर्ति हो सकती है ? (मात्राओं, स्रोतों और उपयोगिताओं के ब्यौरे दें ।)
- 2.5 क्या अन्य उपयोक्ताओं से जल का उपयोग होगा ? (कृपया अन्य विद्यमान उपयोगों और उपभोग की मात्राओं पर परियोजना के प्रभाव का निर्धारण करें)
- 2.6 प्रस्तावित क्रियाकलापों से प्राप्त बेकार जल से प्रदूषण के भार में क्या वृद्धि है ? (प्रस्तावित क्रियाकलापों से प्राप्त बेकार जल की मात्राओं और संघटन के ब्यौरे दें)
- 2.7 जल अपेक्षाओं की जल संचयन से हुई पूर्ति के ब्यौरे दें । सृजित सुविधाओं के ब्यौरे प्रस्तुत करें ।
- 2.8 दीर्घकालिक आधार पर निर्माण चरण के पश्चात् क्षेत्र की प्रस्तावित परियोजना के पूरा होने के लक्षणों (मात्रात्मकता के साथ-साथ क्वालिटी भी) के कारण भूमि उपयोग में हुए परिवर्तनों का क्या प्रभाव होगा ? क्या इससे बाद या जल के जमा होने की किसी रूप में समस्या में वृद्धि होगी ?
- 2.9 भूमिगत जल पर प्रस्ताव के क्या प्रभाव होंगे ? (क्या भूमिगत जल में नल लगाया जाएगा ; भूमिगत जल की सारणी, पुनः प्रभारण क्षमता और सक्षम प्राधिकारी से अभिप्राप्त अनुमोदन यदि कोई हों के ब्यौरे दें)
- 2.10 भूमि और पनिलों को प्रदूषित करने वाले निर्माण क्रियाकलापों से बचने के लिए क्या सावधानियां/कदम उठाए जाने हैं ? (प्रतिकूल प्रभावों से बचने के लिए मात्राओं और अपनाए जाने वाले उपायों के ब्यौरे दें)

- 2.11 स्थल के भीतर किस प्रकार तेज जल की व्यवस्था की जाएगी ? (क्षेत्र में बाढ़ से बचने के लिए किए गए उपबंध, समोच्च स्तरों के उपदर्शन के स्थल अभिन्यास सहित उपलब्ध कराई गई जल निकासी सुविधाओं के ब्यौरे का कथन करें)
- 2.12 क्या आवश्यक अवधि में विशेष रूप से निर्माण श्रमिकों के लगाए जाने से परियोजना स्थल के आसपास अस्वच्छता दूनाएं उत्पन्न हो जाती हैं ? (उचित स्पष्टीकरण से न्यायोचित ठहराएं)
- 2.13 स्थल सुविधाओं पर संग्रहण, उपचार और जल निकासी के सुरक्षित व्ययन के लिए क्या व्यवस्था की जाती है ? (पुनःचक्रण और व्ययन के लिए प्रौद्योगिकी और सुविधाओं सहित जनन, उपचार क्षमताओं की, चाहे जैसी हों मात्राओं के ब्यौरे दें)
- 2.14 दोहरी नलसाजी प्रणाली के ब्यौरे दें यदि उपयोग किए गए उपचारित अपशिष्ट का प्रसाधनों को बहाने या किसी अन्य उपयोग के लिए उपयोग किया जाता है ।

### 3 वनस्पति

- 3.1 क्या जैवविविधता पर परियोजना का कोई खतरा है ? (स्थानीय पारिस्थितिक प्रणाली का उसकी विशिष्ट बातों सहित यदि कोई हों वर्णन करें)
- 3.2 क्या निर्माण में वनस्पति की विस्तृत निकासी या उपांतरण अंतर्वलित है ? (परियोजना द्वारा प्रभावित वृक्षों और वनस्पति का विस्तृत लेखा जोखा दें)
- 3.3 महत्वपूर्ण स्थल की बातों पर प्रभावों को कम करने के लिए प्रस्तावित उपाय क्या हैं ? (किसी समुचित मापमान कि किसी अभिन्यास योजना सहित वृक्षारोपण, भूदृश्य, जल निकायों आदि के सृजन के प्रस्ताव के ब्यौरे दें)

### 4. जीव जन्तु

- 4.1 क्या जीव जन्तुओं, स्थलीय और जलीय रूप से किसी प्रकार हटाने या उनके चलने फिरने के लिए रुकावटें होने की संभावना है ? ब्यौरे दें ।
- 4.2 क्षेत्र के जीव जन्तुओं पर क्या कोई प्रत्यक्ष या अप्रत्यक्ष प्रभाव हैं ? ब्यौरे दें ।
- 4.3 जीवजन्तुओं पर प्रतिकूल प्रभावों को कम करने के लिए कारीखोर, मछली सीड़ियों आदि जैसे उपाय विहित करें ।

### 5. वायु पर्यावरण

- 5.1 क्या परियोजना से द्वीपों में गैसों के वायुमंडलीय सांद्रण में वृद्धि होगी और उसके परिणामस्वरूप ऊष्मा बढ़ेगी ? (प्रस्तावित निर्माणों के परिणामस्वरूप वर्धित यातायात बढ़ने को ध्यान में रखते हुए विश्लेषण आदर्शों पर आधारित अनुमानित मूल्यों सहित पृष्ठभूमि वायु क्वालिटी स्तरों के ब्यौरे दें)
- 5.2 धूल, जहरीली वाष्पों या अन्य परिसंकटमय गैसों के बनने पर क्या प्रभाव हैं ? सभी मौसम विज्ञान परिभाषों के संबंध में ब्यौरे दें ।
- 5.3 क्या प्रस्ताव से यानों को पार्क करने के स्थल में कमी आएगी ? परिवहन अवसंरचना और सुधार के लिए प्रस्तावित उपायों के, जिसके अंतर्गत परियोजना स्थल के प्रवेश और निर्गम पर यातायात व्यवस्था भी है, विद्यमान स्तर के ब्यौरे दें ।

5.4 प्रत्येक प्रवर्ग के अधीन क्षेत्रों में आंतरिक सड़कों, बाइसिकल मार्गों, पैदल यात्री मार्गों, पैदल मार्गों आदि पर चलने के पैदलों के ब्यारे दें।

5.5 क्या यातायात शोर और कंपन में महत्वपूर्ण वृद्धि होगी ? ऊपर वर्णित बातों को कम करने के लिए स्रोतों और प्रस्तावित उपायों के ब्यारे दें।

5.6 परियोजना स्थल के आसपास शोर स्तरों और कंपन तथा धिरी हुई वायु की क्वालिटी पर डीजी सेटों और अन्य उपकरणों पर क्या प्रभाव होगा ? ब्यारे दें।

## 6. सौन्दर्यबोन्दी

6.1 क्या प्रस्तावित निर्माणों के परिणामस्वरूप किसी दृश्य, दृश्यसुविधा या भूदृश्य में रुकावट होगी ? क्या प्रस्तावकों ने इन बातों पर विचार कर लिया है ?

6.2 क्या विद्यमान परिनिर्माणों पर नए निर्माण से कोई प्रतिकूल प्रभाव होगा ? किन बातों को ध्यान में रखा गया है ?

6.3 क्या डिजाइन मापमान को प्रभावित करने वाले शहर स्त्री या शहरी डिजाइनों का कोई स्थानीय आकलन है ? उनका स्पष्ट रूप से उल्लेख किया जा सकता है।

6.4 क्या कोई मानव विज्ञान संबंधी या पुरातत्वीय स्थल या बाह्य चीजें आसपास में हैं ? कथन करें यदि कोई अन्य महत्वपूर्ण बात, जिसपर प्रस्तावित स्थल के परिक्षेत्र में होने पर विचार किया गया है।

## 7. सामाजिक - आर्थिक पहलू

7.1 क्या प्रस्ताव के परिणामस्वरूप स्थानीय जनता के समाज संबंधी परिनिर्माणों में कोई परिवर्तन होगा ? ब्यारे दें।

7.2 प्रस्तावित परियोजना के आसपास विद्यमान सामाजिक अवसंरचना के ब्यारे दें।

7.3 क्या परियोजना से स्थानीय समुदायों पर प्रतिकूल प्रभाव, पवित्र स्थलों या अन्य सांस्कृतिक मूल्यों में विघ्न पड़ेगा ? प्रस्तावित सुझापाय क्या हैं ?

## 8. निर्माण सामग्री

8.1 अधिक ऊर्जा सहित निर्माण सामग्री का उपयोग हो सकेगा। क्या ऊर्जा दक्ष प्रक्रियाओं सहित निर्माण सामग्री उत्पादित की जाती है ? (निर्माण सामग्री और उनकी ऊर्जा दक्षता का चयन करने में ऊर्जा संरक्षण उपायों के ब्यारे दें)

8.2 निर्माण के दौरान सामग्री का परिवहन और उठाई धराई के कारण प्रदूषण, शोर और लोक अशान्ति हो सकती है। इन प्रभावों को कम करने के लिए क्या उपाय किए जाने हैं ?

8.3 क्या सड़कों और ढाचों में पुनः चक्रीत सामग्री उपयोग की जाती है ? की गई बचतों की सीमा का कथन करें ?

8.4 परियोजना के प्रचालन संबंधी चरणों के दौरान हुए कूड़े के संग्रहण, पृथक्करण और व्ययन की पद्धति के ब्यारे दें।

**9 ऊर्जा संरक्षण**

9.1 विद्युत अपेक्षा प्रदाय के स्रोत, स्रोत आदि की पृष्ठभूमि आदि के ब्यौरे दें। निर्मित क्षेत्र में प्रति वर्ग फुट ऊर्जा खपत कितनी है ? ऊर्जा खपत को कम करने के लिए क्या प्रयास किए गए हैं ?

9.2 विद्युत की पृष्ठभूमि की किस्म और क्षमता, जिसको देने की आपकी योजना है, क्या है ?

9.3 उपयोग किए जाने वाले कांच के अभिलक्षण क्या हैं ? शार्ट वेव और लांग वेव विकिरण दोनों से संबंधित उसके अभिलक्षणों के निर्देश दें।

9.4 भवन में कौन से अप्रत्यक्ष सौर वास्तविक कारक उपयोग किए जा रहे हैं ? प्रस्तावित परियोजना में किए गए उपयोग को स्पष्ट करें।

9.5 क्या गलियों और भवनों के अभिन्यास सौर ऊर्जा युक्तियों की क्षमता को अधिकतम करते हैं ? क्या आपने भवन कमलैक्स में उपयोग के लिए सड़क प्रकाशन आपात प्रकाशन और सौर तप्त जल प्रणालियों के उपयोग पर विचार कर लिया है ? ब्यौरों का सार दें।

9.6 क्या प्रशीतन/तापन भार को कम करने के लिए शेडिंग का प्रभावी रूप से उपयोग किया जाता है ? पूर्व और पश्चिम की दीवारों और छत पर शेडिंग को अधिकतम करने के लिए उपयोग करने के सिद्धांत क्या हैं ?

9.7 क्या परिनिर्माणों में ऊर्जा दक्ष स्थल शीतन, प्रकाशन और यांत्रिक प्रणालियों का उपयोग किया जाता है ? तकनीकी ब्यौरे दें। ट्रांसफार्मरों और मोटर दक्षता प्रकाशन तीव्रता और वायु प्रशीतन भार धारणाओं के ब्यौरे दें। क्या आप सीएफसी एचसीएफसी फ्री चिलर्स का उपयोग कर रहे हैं ? विनिर्देश दें।

9.8 सूक्ष्म जलवायु के परिवर्तन में भवन क्रियाकलापों के संभावित प्रभाव क्या हैं ? तप्त द्वीप और प्रतीपन प्रभावों के सृजन पर प्रस्तावित निर्माण के संभावित प्रभावों पर स्वतः निर्धारण का उल्लेख करें।

9.9 भवन आहाते के तापीय अभिलक्षण क्या हैं ? (क) छत ; (ख) बाह्य दीवारें ; और (ग) झरोखे ? उपयोग की गई सामग्री और व्यक्ति संघटकों के यू मूल्यों या आर मूल्यों के ब्यौरे दें।

9.10 अग्नि संकट के लिए प्रस्तावित सावधानियां और सुरक्षा उपाय क्या हैं ? आपात योजनाओं के ब्यौरे दें।

9.11 दिवाल सामग्री के रूप में यदि कांच का उपयोग किया जाता है तो ब्यौरे और विनिर्देश जिसके अंतर्गत उत्सर्जनता और तापीय अभिलक्षण भी हैं, दें।

9.12 भवन में वायु प्रवेशन की दर क्या है ? प्रवेशन के प्रभावों को कैसे कम कर रहे हैं, उसके ब्यौरे दें।

9.13 समग्र ऊर्जा खपत में अपारंपरिक ऊर्जा प्रौद्योगिकियों का किसी सीमा तक उपयोग किया जाता है ? उपयोग की गई नवीकरणीय ऊर्जा प्रौद्योगिकियों के ब्यौरे दें।

**10 पर्यावरण प्रबंध योजना**

पर्यावरण प्रबंध योजना में, निर्माण, प्रचालन और परियोजना के क्रियाकलापों के परिणामस्वरूप प्रतिकूल पर्यावरणीय प्रभावों को न्यूनतम करने के लिए समस्त जीवन चक्र के दौरान किए जाने वाले क्रियाकलापों की प्रत्येक मदवार के लिए सभी न्यूनतम करने वाले उपाय अंतर्विष्ट होंगे। इसमें विभिन्न पर्यावरणीय विनियमों के अनुपालन के लिए पर्यावरणीय मानिटरि योजना का आलेखन भी होगा। आपात की दशा में, जैसे स्थल पर दुर्घटना जिसके अंतर्गत आग लगना भी है, उठाए जाने वाले कदमों का कथन भी होगा।

परिशिष्ट 3  
(पैरा 7 देखें)

पर्यावरणीय समाघात निर्धारण दस्तावेज की साधारण संरचना

क्र.सं.	ईआईए संरचना	अंतर्वस्तु
1.	प्राक्कथन	<ul style="list-style-type: none"> <li>• रिपोर्ट का प्रयोजन</li> <li>• परियोजना और परियोजना प्रस्तावक की पहचान</li> <li>• परियोजना की प्रकृति, आकार, अवस्थान का संक्षिप्त वर्णन और देश, प्रदेश में इसका महत्व</li> <li>• अध्ययन का विस्तार — किए गए विनियामक विस्तार के ब्यौरे (सॉपे गए कृत्यों के अनुसार)</li> </ul>
2.	परियोजना वर्णन	<ul style="list-style-type: none"> <li>• परियोजना के उन पहलुओं का संघनित वर्णन (परियोजना साध्यता अध्ययन पर आधारित) जिनकी पर्यावरणीय प्रभाव कारित करने की संभावना है। निम्नलिखित को स्पष्ट करने के लिए ब्यौरे उपबंधित किए जाने चाहिए :</li> <li>• परियोजना के किस्म</li> <li>• परियोजना की आवश्यकता</li> <li>• अवस्थान (साधारण अवस्थान, विनिर्दिष्ट अवस्थान, परियोजना सीमा और परियोजना स्थल अभिन्यास को दर्शित करते हुए नक्शे)</li> <li>• प्रचालन का आकार या विस्तार (जिसके अंतर्गत परियोजना द्वारा या उसके लिए अपेक्षित सहयोजित क्रियाकलाप)</li> <li>• अनुमोदन और कार्यान्वयन के लिए प्रस्तावित अनुसूची</li> <li>• प्रौद्योगिकी और प्रक्रिया वर्णन</li> <li>• परियोजना वर्णन, जिसके अंतर्गत परियोजना अभिन्यास, परियोजना आदि के संघटकों को दर्शित करते हुए आरेखन। साध्यता आरेखनों के स्कीमबद्ध प्रतिनिधित्व जो ईआईए परियोजना के लिए महत्वपूर्ण जानकारी दें।</li> <li>• पर्यावरणीय मानकों, पर्यावरणीय प्रचालन दशाओं या अन्य ईआईए अपेक्षाओं की पूर्ति के लिए परियोजनाओं में सम्मिलित न्यूनिकरण उपायों का वर्णन (विस्तार द्वारा यथाअपेक्षित)</li> <li>• प्रौद्योगिकीय असफलता के जोखिम के लिए नई और अपरीक्षित प्रौद्योगिकी का निर्धारण</li> </ul>
3.	पर्यावरण का वर्णन	<ul style="list-style-type: none"> <li>• अध्ययन क्षेत्र, अवधि, संघटक और पद्धति</li> <li>• विस्तार में पहचान किए गए मूल्यवान पर्यावरणीय संघटकों के लिए आधारिक लेखा की स्थापना</li> <li>• सभी पर्यावरणीय संघटकों के आधार नक्शे</li> </ul>
4.	अनुमानित पर्यावरणीय समाघात और न्यूनिकरण उपाय	<ul style="list-style-type: none"> <li>• परियोजना अवस्थान, संभावित दुर्घटनाओं, परियोजना डिजाइन, परियोजना निर्माण, नियमित प्रचालनों, पूरी की गई परियोजना को अंतिम रूप से बंद करना या पुनर्स्थापन के कारण अन्वेषित पर्यावरणीय समाघातों के ब्यौरे।</li> <li>• पहचान किए गए प्रतिकूल समाघातों न्यूनिकृत और/या दूर करने के लिए उपाय</li> <li>• पर्यावरणीय संघटकों के असंपरिवर्तनीय और पुनः प्राप्त न किए जा सकने वाले आश्वासन।</li> </ul>

		<ul style="list-style-type: none"> <li>समाघातों के महत्व का निर्धारण (महत्व महत्व निर्धारण का अवधारणा करने के लिए मानदण्ड)</li> <li>न्यूनीकरण उपाय</li> </ul>
5.	अनुकल्पियों का विश्लेषण (प्रौद्योगिकी और स्थल)	<ul style="list-style-type: none"> <li>यदि विस्तारित करने के कार्य के परिणामस्वरूप अनुकल्पियों की आवश्यकता होती है ;</li> <li>प्रत्येक अनुकल्पी का वर्णन</li> <li>प्रत्येक अनुकल्पी के प्रतिकूल समाघातों का सार</li> <li>प्रत्येक अनुकल्पी के लिए प्रस्तावित न्यूनीकरण उपाय और</li> <li>अनुकल्पी का चयन</li> </ul>
6.	पर्यावरणीय मानीटरी कार्यक्रम	<ul style="list-style-type: none"> <li>न्यूनीकरण उपायों की प्रभावशीलता को मानीटर करने के तकनीकी पहलू (जिसके अंतर्गत माप, पद्धति, आवर्त, अवस्थान, आंकड़े विश्लेषण, रिपोर्ट करने की अनुसूचियां, आपात प्रक्रियाएं, विस्तृत बजट और उपापन अनुसूचियां भी हैं)</li> </ul>
7.	अतिरिक्त अध्ययन	<ul style="list-style-type: none"> <li>लोक परामर्श</li> <li>जोखिम निर्धारण</li> <li>सामाजिक समाघात निर्धारण आर और आर अनुवर्ती योजनाएं</li> </ul>
8.	परियोजना के फायदे	<ul style="list-style-type: none"> <li>भौतिक अवसंरचना में सुधार</li> <li>सामाजिक अवसंरचना में सुधार</li> <li>नियोजन क्षमता - कुशल ; अर्धकुशल और अकुशल</li> <li>अन्य भूत फायदे</li> </ul>
9.	पर्यावरणीय लागत फायदा विश्लेषण	यदि विस्तारण प्रक्रम पर सिफारिश की जाती है ।
10.	ईएमपी	<ul style="list-style-type: none"> <li>यह सुनिश्चित करने के लिए कि न्यूनीकरण संबंधी उपाय कार्यान्वित किए गए हैं और ईआईए के अनुमोदन के पश्चात् उनकी प्रभावी मानीटरी की गई है, प्रशासनिक पहलुओं का वर्णन ।</li> </ul>
11.	संक्षिप्त सार और निष्कर्ष (यह ईआईए रिपोर्ट का संक्षिप्त सार होगा)	<ul style="list-style-type: none"> <li>परियोजना के कार्यान्वयन के लिए समग्र औचित्य ।</li> <li>यह स्पष्टीकरण कि प्रतिकूल प्रभाव किस प्रकार कम किए जाते हैं</li> </ul>
12.	नियोजित परामर्शियों का प्रकटन	<ul style="list-style-type: none"> <li>उनके संक्षिप्त कार्य और दिए गए परामर्श की प्रकृति सहित नियोजित किए गए परामर्शियों के नाम.</li> </ul>

परिशिष्ट 3क  
(पैरा 7 देखें)

### संक्षिप्त पर्यावरणीय समाघात निर्धारण की अंतर्वस्तु

पर्यावरणीय समाघात निर्धारण का संक्षिप्त सार अधिकतम ए-4 आकार के दस पृष्ठों पर पूरी पर्यावरणीय समाघात निर्धारण का एक संक्षिप्त सार होगा । इसमें संक्षेप में अनिवार्य रूप से पूर्ण पर्यावरणीय समाघात निर्धारण रिपोर्ट के निम्नलिखित अध्याय होने चाहिए :-

- (1) परियोजना वर्णन ;
- (2) पर्यावरण का वर्णन ;
- (3) अनुमानित पर्यावरणीय समाघात और न्यूनीकरण उपाय ;
- (4) पर्यावरणीय मानीटरी कार्यक्रम ;
- (5) अतिरिक्त अध्ययन ;
- (6) परियोजना के फायदे ;
- (7) पर्यावरण प्रबंधन योजना ;

## परिशिष्ट 4

(पैरा 7 देखिए)

## लोक सुनवाई को संचालित करने के लिए प्रक्रिया

1.0 लोक सुनवाई की, संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति द्वारा परियोजना स्थल (स्थलों) में या उसके निकटस्थ परिसर में जिला वार एक प्रणालीबद्ध, समयबद्ध और पारदर्शी रीति में अधिकतम संभव लोक भागीदारी को सुनिश्चित करते हुए व्यवस्था की जाएगी।

## 2.0 प्रक्रिया :

2.1 आवेदक, उस राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति के सदस्य सचिव को, जिसकी अधिकारिता में परियोजना अवस्थित है, विहित कानूनी अवधि के भीतर लोक सुनवाई की व्यवस्था करने के लिए एक सादा पत्र के माध्यम से अनुरोध करेगा। यदि परियोजना स्थल का किसी राज्य या संघ राज्यक्षेत्र के परे विस्तार है तो प्रत्येक राज्य या संघ राज्यक्षेत्र में जिसमें परियोजना स्थित है, लोक सुनवाई आज्ञापक है और आवेदक, इस प्रक्रिया के अनुसार लोक सुनवाई करने के लिए प्रत्येक संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति को पृथक अनुरोध करेगा।

2.2 आवेदक, अनुरोध पत्र के साथ प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट की कम से कम दस हार्ड प्रतियां और उसी के बराबर सॉफ्ट (इलेक्ट्रॉनिक) प्रतियां, परिशिष्ट 3 में दी गई सामान्य संरचना सहित (जिसके अंतर्गत विस्तार (प्रक्रम 2) के पश्चात् संसूचित किए गए सीधे गए कृत्यों के अनुसार निर्बाध रूप से अंग्रेजी और स्थानीय भाषा में तैयार की गई संक्षिप्त पर्यावरणीय समाघात निर्धारण रिपोर्ट सम्मिलित है) संलग्न की जाएगी। इसके साथ-साथ आवेदक संक्षिप्त पर्यावरणीय समाघात निर्धारण रिपोर्ट के साथ ऊपर प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट की एक हार्ड प्रति और एक सॉफ्ट प्रति पर्यावरण और वन मंत्रालय तथा निम्नलिखित प्राधिकारियों या कार्यालयों को निम्नकी अधिकारिता में परियोजना अवस्थित होगी, अग्रेषित करने की व्यवस्था करेगा :

(क) जिला मजिस्ट्रेट

(ख) जिला परिषद या नगर निगम

(ग) जिला उद्योग कार्यालय

(घ) पर्यावरण और वन मंत्रालय का संबंधित प्रादेशिक कार्यालय

2.3 ऊपर उल्लिखित प्राधिकारी, पर्यावरण और वन मंत्रालय के सिवाय, प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट की प्राप्ति पर, अपनी अधिकारिताओं के भीतर, उसमें हितबद्ध व्यक्तियों से संबंधित विनियामक प्राधिकरणों को अपनी टीका-टिप्पणियां भेजने का अनुरोध करते हुए, विस्तृत प्रचार करने की व्यवस्था करेंगे। वे लोक सुनवाई होने तक सामान्य कार्यालय घंटों के दौरान जनता को इलेक्ट्रॉनिक रूप से या अन्यथा निरीक्षण करने के लिए प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट भी उपलब्ध कराएंगे। पर्यावरण और वन मंत्रालय अपनी वेबसाइट पर प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट का सार तत्परता से प्रदर्शित करेगा और दिल्ली स्थित मंत्रालय में सामान्य कार्यालय घंटों के दौरान किसी अधिसूचित स्थान पर निर्देश के लिए पूरे प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट को भी उपलब्ध करेगा।

2.4 संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्य प्रदूषण नियंत्रण समिति भी राज्य/संघ राज्यक्षेत्र के भीतर परियोजना की बाबत प्रचार करने के लिए उसी प्रकार की व्यवस्था करेगी और चयनित कार्यालयों या लोक पुस्तकालयों या पंचायतों आदि में निरीक्षण के लिए प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट (परिशिष्ट 3क) का संक्षिप्त सार उपलब्ध कराएगी। वे उपर्युक्त पांच प्राधिकारियों/कार्यालयों अर्थात् पर्यावरण और वन मंत्रालय, जिला मजिस्ट्रेट आदि को प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट की एक प्रति अतिरिक्त रूप से भी उपलब्ध कराएंगे।

### 3.0 लोक सुनवाई की सूचना

3.1 संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति का सदस्य सचिव परियोजना सलाहकार से प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट की प्राप्ति की तारीख से तीस दिनों के भीतर लोक सुनवाई संचालित करने के लिए तारीख, समय और निश्चित स्थान को अंतिम रूप देगा और उसको मुख्य राष्ट्रीय दैनिक में और एक प्रादेशिक भाषा के दैनिक समाचारपत्र में विज्ञापित करेगा। जनता को अपनी प्रतिक्रियाएं देने के लिए कम से कम तीस दिनों की सूचना उपलब्ध कराई जाएगी ;

3.2 विज्ञापन, जनता को उन स्थानों या कार्यालयों की बाबत भी सूचित करेगा जहां प्रारूप पर्यावरणीय समाघात निर्धारण रिपोर्ट और पर्यावरणीय समाघात निर्धारण रिपोर्ट के संक्षिप्त सार तक सुनवाई से पूर्व जनता की पहुंच हो सके ;

3.3 लोक सुनवाई की तारीख, समय और स्थान को तब तक आस्थगित नहीं किया जाएगा जब तक कोई अवांछित आपात स्थिति न आ जाए और केवल संबंधित जिला मजिस्ट्रेट की सिफारिश पर किया आस्थगन को उन्हीं राष्ट्रीय और प्रादेशिक भाषा के समाचार पत्रों के माध्यम से अधिसूचित किया जाएगा तथा संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति द्वारा पहचान किए सभी कार्यालयों में मुख्य रूप से प्रदर्शित भी किया जाएगा ;

3.4 ऊमर आषवादिक परिस्थितियों में, केवल जिला मजिस्ट्रेट के परामर्श से संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति के सदस्य-सचिव द्वारा लोक परामर्श के लिए नई तारीख, समय और स्थान का विनिश्चय किया जाएगा और ऊमर 3.1 के अधीन प्रक्रिया के अनुसार नए सिरे से अधिसूचित किया जाएगा ।

#### 4.0 पैन्सल

जिला मजिस्ट्रेट या किसी अपर जिला मजिस्ट्रेट से अन्यून की पंक्ति का उसका प्रतिनिधि, राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति के प्रतिनिधि की सहायता से समस्त लोक सुनवाई प्रक्रिया का पर्यवेक्षण करेगा और उसकी अध्यक्षता करेगा ।

#### 5.0 वीडियोग्राफी

राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति, समस्त कार्यवाहियों की वीडियो फिल्म तैयार करने की व्यवस्था करेगी । संबंधित विनियामक प्राधिकरण को इसे अग्रेषित करते समय वीडियो टेप की एक प्रति या एक सीडी लोक सुनवाई कार्रवाइयों के साथ संलग्न की जाएगी ।

#### 6.0 कार्यवाहियां

6.1 उन सभी व्यक्तियों की उपस्थिति को जो स्थल पर विद्यमान हैं, अंतिम कार्यवाहियों के साथ संलग्न किया जाएगा ।

6.2 कार्यवाहियों को आरंभ करने के लिए उपस्थिति हेतु कोई गणपूर्ति अपेक्षित नहीं होगी ।

6.3 आवेदक का कोई प्रतिनिधि, परियोजना और पर्यावरण समाघात निर्धारण रिपोर्ट के संक्षिप्त सार की प्रस्तुति के साथ कार्यवाहियां आरंभ करेगा ।

6.4 स्थल पर उपस्थित प्रत्येक व्यक्ति को, आवेदक से परियोजना पर सूचना या स्पष्टीकरण मांगने का अवसर दिया जाएगा । लोक सुनवाई कार्यवाहियों का संक्षिप्त सार ठीक रूप से प्रदर्शित करते हुए अभिव्यक्त सभी विचारों और अभिव्यक्त चिंताओं को राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति के प्रतिनिधि द्वारा अभिलिखित किया जाएगा और प्रांतीय भाषा में अंतर्वस्तुओं को स्पष्ट करते हुए कार्यवाहियों के अंत में श्रोताओं को पढ़ कर सुनाया जाएगा तथा कसर पाए गए कार्यवृत्त पर उसी दिन जिला मजिस्ट्रेट या उसके प्रतिनिधि द्वारा हस्ताक्षर किए जाएंगे तथा संबंधित राज्य प्रदूषण नियंत्रण बोर्ड/संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति को अग्रेषित किया जाएगा ।

6.5 जनता द्वारा उठाए गए मुद्दों का एक विवरण और आवेदक की टीका-टिप्पणियों को भी स्थानीय भाषा में और अंग्रेजी भाषा में तैयार किया जाएगा तथा कार्यवाहियों के साथ संलग्न किया जाएगा ।

6.6 लोक सुनवाई की कार्यवाहियों को उस पंचायत घर के कार्यालय पर, जिसकी अधिकारिता में परियोजना अवस्थित है, संबंधित जिला परिषद, जिला मजिस्ट्रेट और राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति के कार्यालय में सहजदृश्य रूप से प्रदर्शित किया जाएगा। राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति साधारण जानकारी के लिए अपने वेबसाइट पर कार्यवाहियों को प्रदर्शित भी करेगी। कार्यवाहियों पर टीका-टिप्पणियों को, यदि कोई हों, संबंधित विनियामक प्राधिकरणों और संबंधित आवेदक को प्रत्यक्षतः भेजी जा सकेगी।

#### 7.0 लोक सुनवाई को पूरा करने के लिए कालावधि :

7.1 लोक सुनवाई, आवेदक से अनुरोध पत्र की प्राप्ति की तारीख से पैंतालीस दिन की अवधि के भीतर पूरी की जाएगी। अतः संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्यक्षेत्र प्रदूषण नियंत्रण समिति लोक सुनवाई के पूरा होने के आठ दिनों के भीतर संबंधित विनियामक प्राधिकरण को लोक सुनवाई की कार्यवाहियों को भेजेगी। आवेदक, लोक सुनवाई और लोक परामर्श के पश्चात् तैयार की गई अंतिम पर्यावरणीय समाघात निर्धारण रिपोर्ट या प्राकृतिक पर्यावरण समाघात निर्धारण रिपोर्ट पर अनुपूरक रिपोर्ट की प्रति के साथ संबंधित विनियामक प्राधिकरण को, अनुमोदित लोक सुनवाई कार्यवाहियों की एक प्रति प्रत्यक्षतः भी अग्रेषित करेगा।

7.2 यदि राज्य प्रदूषण नियंत्रण बोर्ड या संघ राज्य क्षेत्र प्रदूषण नियंत्रण समिति, नियत पैंतालीस दिनों के भीतर लोक सुनवाई करने में असफल रहती है तो केन्द्रीय सरकार, पर्यावरण और वन मंत्रालय, प्रवर्ग 'क' परियोजना या क्रियाकलाप के लिए और प्रवर्ग ख परियोजना या क्रियाकलाप के लिए और राज्य सरकार या संघ राज्यक्षेत्र प्रशासन, राज्य पर्यावरणीय समाघात निर्धारण प्राधिकरण के अनुरोध पर, किसी अन्य अभिकरण या प्राधिकरण को इस अधिसूचना में अधिकथित प्रक्रिया के अनुसार प्रक्रिया को पूरा करने के लिए नियोजित करेगी।

#### परिशिष्ट 5

(पैरा 7 देखिए)

#### आंकलन के लिए विहित प्रक्रिया

1. आवेदक, संबंधित विनियामक प्राधिकरण को निम्नलिखित दस्तावेजों को संलग्न करते हुए, जहां लोक परामर्श आज्ञापक है, एक सादा सूचना के माध्यम से आवेदन करेगा :-

- अंतिम पर्यावरण समाघात निर्धारण रिपोर्ट की बीस हार्ड प्रतियां और एक साफ्ट प्रति
- लोक सुनवाई की कार्यवाहियों की वीडियो टेप की एक प्रति या सी.डी.
- अंतिम अभिन्यास योजना की बीस प्रतियां
- परियोजना साध्यता रिपोर्ट की एक प्रति

2. आवेदक द्वारा प्रस्तुत की गई अंतिम पर्यावरणीय समाघात निर्धारण रिपोर्ट और अन्य सुसंगत दस्तावेजों की संबंधित विनियामक प्राधिकरण द्वारा उसकी प्राप्ति की तारीख से तीस दिनों के भीतर कार्यालय में तत्पश्चात् से टीओआर के प्रतिनिर्देश से समीक्षा की जाएगी और ध्यान में रखी गई अपर्याप्तताओं को प्रत्येक अंतिम पर्यावरणीय समाघात निर्धारण रिपोर्ट की एक प्रति संलग्न करते हुए, जिसके अंतर्गत लोक सुनवाई कार्यवाहियाँ और प्राप्त की गई अन्य लोक प्रतिक्रियाएँ भी हैं, प्ररूप 1 या प्ररूप 1क की एक प्रति और प्रस्तावों पर विचार करने के लिए पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति की बैठकों के लिए निश्चित तारीखें सहित पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति के सदस्यों को एकल सेट में इलेक्ट्रॉनिक रूप से या अन्यथा संसूचित किया जाएगा।

3. जहाँ कोई लोक परामर्श आज्ञापक नहीं है और इसलिए कोई औपचारिक पर्यावरणीय समाघात निर्धारण अध्ययन अपेक्षित नहीं है, वहाँ आंकलन, विहित आवेदन प्ररूप 1 के आधार पर और अनुसूची की मद 8 से भिन्न सभी परियोजनाओं और क्रियाकलापों की दशा में किसी पूर्व साध्यता रिपोर्ट के आधार पर किया जाएगा। अनुसूची की मद 8 की दशा में, इसके विलक्षण परियोजना चक्र को ध्यान में रखते हुए, संबंधित पर्यावरणीय निर्धारण समिति या राज्य पर्यावरणीय निर्धारण समिति, प्ररूप 1, प्ररूप 1क और धारणा योजना के आधार पर सभी प्रवर्ग 'ख' परियोजनाओं या क्रियाकलापों का आंकलन करेगी और पर्यावरणीय अनापत्ति के लिए शर्तें नियत करेगी। जब कभी आवेदक सभी अन्य आवश्यक कानूनी अनुमोदनों सहित निश्चित पर्यावरणीय अनापत्ति शर्तों को पूरा करते हुए अनुमोदित स्कीम/भवन योजना प्रस्तुत करता है तो पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति, सक्षम प्राधिकारी को पर्यावरणीय अनापत्ति मंजूर करने की सिफारिश करेगी।

4. प्रत्येक आवेदन, पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति के समक्ष और इसका पूरा आंकलन, विहित रीति में अपेक्षित दस्तावेजों/ब्यौरों सहित इसकी प्राप्ति के साठ दिनों के भीतर रखा जाएगा।

5. आवेदक को परियोजना प्रस्ताव पर विचार करने के लिए पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति की निश्चित तारीख से कम से कम पन्द्रह दिन पूर्व सूचित किया जाएगा।

6. पर्यावरणीय निर्धारण समिति/राज्य पर्यावरणीय निर्धारण समिति की बैठक के कार्यवृत्त को बैठक के पांच कार्यकरण दिनों के भीतर अंतिम रूप दिया जाएगा और संबंधित विनियामक प्राधिकरण के वेबसाइट पर प्रदर्शित किया जाएगा। परियोजना या क्रियाकलापों को पर्यावरणीय अनापत्ति को मंजूर किए जाने के लिए सिफारिश की दशा में, कार्यवृत्त में विनिर्दिष्ट पर्यावरणीय सुस्थापायों और शर्तों को स्पष्ट रूप से सूचीबद्ध किया जाएगा। यदि सिफारिशें नामंजूर करने के लिए हैं तो उसके कारणों को भी स्पष्ट रूप से कथित किया जाएगा।

## परिशिष्ट 6

(पैरा 5 देखिए)

केन्द्रीय सरकार द्वारा गठित की जाने वाली प्रवर्ग 'क' परियोजनाओं के लिए सेक्टर/परियोजना विनिर्दिष्ट विशेषज्ञ आंकलन समिति और प्रवर्ग 'ख' परियोजनाओं के लिए राज्य/संघ राज्यक्षेत्र स्तर विशेषज्ञ आंकलन समितियों की संरचना

1. विशेषज्ञ आंकलन समितियां और राज्य/संघ राज्यक्षेत्र स्तर विशेषज्ञ आंकलन समितियां केवल निम्नलिखित पात्रता कसौटी को पूरा करने वाले वृत्तिकों और विशेषज्ञों से मिलकर बनेगी

वृत्तिक : ऐसा व्यक्ति जिसके पास कम से कम (i) एम.ए./एम.एस.सी डिग्री सहित संबंधित विद्या शाखा में पांच वर्ष का औपचारिक विश्वविद्यालय प्रशिक्षण या (ii) इंजीनियरी/प्रौद्योगिकी/वास्तुविद विद्या शाखाओं की दशा में, बी.टेक/बी.ई./बी.आर्क. डिग्री सहित क्षेत्र में विहित व्यावहारिक प्रशिक्षण सहित किसी वृत्तिक प्रशिक्षण पाठ्यक्रम में चार वर्षीय औपचारिक प्रशिक्षण या (iii) अन्य वृत्तिक डिग्री (जैसे विधि) जिसमें पांच वर्ष का औपचारिक विश्वविद्यालय प्रशिक्षण या विहित व्यावहारिक प्रशिक्षण अंतर्बलित है, या (iv) विहित शिक्षता/कारीगरी तथा संबंधित वृत्तिक संगम द्वारा संचालित पश्चात् उत्तीर्ण की हो (जैसे चार्टर्ड अकाउंटेंसी) या (v) किसी विश्वविद्यालय डिग्री के पश्चात् किसी विश्वविद्यालय या सेवा अकादमी में दो वर्ष का औपचारिक प्रशिक्षण (जैसे एम.बी.ए./आई.ए.एस./आई.एफ.एस.) व्यष्टि वृत्तिकों का चयन करते समय उनके द्वारा उनके क्षेत्रों में प्राप्त अनुभव को ध्यान में रखा जाएगा ।

विशेषज्ञ : ऊपर पात्रता कसौटी को पूरा करने वाला कोई वृत्तिक जिसके पास क्षेत्र में कम से कम पंद्रह वर्ष का सुसंगत अनुभव या संबंधित क्षेत्र में कोई उच्चतर डिग्री हो (जैसे पी.एच.डी. और कम से कम दस वर्ष का सुसंगत अनुभव) ।

आयु : सत्तर वर्ष से नीचे । तथापि, किसी क्षेत्र में विशेषज्ञों की अनुपलब्धता/कमी की दशा में विशेषज्ञ आंकलन समिति के सदस्यों की अधिकतम आयु को पचहतर वर्ष तक अनुज्ञात किया जा सकेगा ।

2. पर्यावरणीय निर्धारण समिति के सदस्य निम्नलिखित क्षेत्रों/विद्या शाखाओं में अपेक्षित विशेषज्ञता और अनुभव वाले विशेषज्ञ होंगे । उस दशा में कि "विशेषज्ञ" की कसौटी को पूरा करने वाले व्यक्ति उपलब्ध नहीं हैं, तो उसी क्षेत्र में पर्याप्त अनुभव रखने वाले वृत्तिकों पर भी विचार किया जा सकेगा ।

- पर्यावरण क्वालिटी विशेषज्ञ : पर्यावरणीय क्वालिटी के संबंध में माप/मानिटरी, विश्लेषण और निर्वचन में विशेषज्ञ ।

- परियोजना प्रबंधन में क्षेत्रीय विशेषज्ञ : परियोजना प्रबंधन या सुसंगत क्षेत्रों में प्रक्रिया /प्रचालन/सुविधा प्रबंधन में विशेषज्ञ ।
  - पर्यावरणीय समाघात निर्धारण प्रक्रिया विशेषज्ञ : पर्यावरणीय समाघात निर्धारण का संचालन और कार्यान्वयन तथा पर्यावरणीय प्रबंधन योजना और अन्य प्रबंधन योजना तैयार करने में विशेषज्ञ और जो पर्यावरणीय समाघात निर्धारण प्रक्रिया में उपयोग की जाने वाली भावी तकनीकों और औजारों में विस्तृत विशेषज्ञता और ज्ञान रखते हों ।
  - जोखिम निर्धारण विशेषज्ञ ।
  - पेड़ - पौधे और जीव- जन्तु प्रबंधन में प्राणी विज्ञान विशेषज्ञ ।
  - वन और वन्य जीव विशेषज्ञ ।
  - परियोजना आंकलन में अनुभव सहित पर्यावरणीय अर्थशास्त्र विशेषज्ञ ।
3. पर्यावरणीय निर्धारण समिति की सदस्यता पंद्रह नियमित सदस्यों से अधिक की नहीं होगी । तथापि, अध्यक्ष, समिति की किसी विशिष्ट बैठक के लिए किसी सुसंगत क्षेत्र में किसी विशेषज्ञ को सदस्य के रूप में सहयोजित कर सकेगा ।
4. अध्यक्ष, सुसंगत विकास क्षेत्र में एक प्रतिष्ठित और पर्यावरणीय निति या प्रबंधन में अथवा लोक प्रशासन में अनुभव प्राप्त विशेषज्ञ होगा ।
5. अध्यक्ष, सदस्यों में से एक सदस्य को उपाध्यक्ष के रूप में नामनिर्देशित करेगा जो अध्यक्ष की अनुपस्थिति में पर्यावरणीय निर्धारण समिति की बैठक की अध्यक्षता करेगा ।
6. पर्यावरण और वन मंत्रालय का एक प्रतिनिधि उसके सचिव के रूप में समिति की सहायता करेगा ।
7. किसी सदस्य की अधिकतम पदावधि, जिसके अंतर्गत अध्यक्ष भी है, प्रत्येक तीन वर्ष की दो पदावधि होगी ।
8. अध्यक्ष/सदस्य को किसी कारण और समुचित जांच के बिना पदावधि के अवसान से पूर्व नहीं हटाया जा सकेगा ।

**MINISTRY OF ENVIRONMENT AND FORESTS  
NOTIFICATION**

New Delhi, the 14th September, 2006

**S.O. 1533(E).**—Whereas, a draft notification under Sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986 for imposing certain restrictions and prohibitions on new projects or activities, or on the expansion or modernization of existing projects or activities based on their potential environmental impacts as indicated in the Schedule to the notification, being undertaken in any part of India<sup>1</sup>, unless prior environmental clearance has been accorded in accordance with the objectives of National Environment Policy as approved by the Union Cabinet on 18th May, 2006 and the procedure specified in the notification, by the Central Government or the State or Union Territory Level Environment Impact Assessment Authority (SEIAA), to be constituted by the Central Government in consultation with the State Government or the Union Territory Administration concerned under Sub-section (3) of Section 3 of the Environment (Protection) Act, 1986 for the purpose of this notification, was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) *vide* number S.O. 1324(B), dated the 15th September, 2005 inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from the date on which copies of Gazette containing the said notification were made available to the public;

And whereas, copies of the said notification were made available to the public on 15<sup>th</sup> September, 2005;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986, read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 and in supersession of the notification number S.O. 60 (E) dated the 27<sup>th</sup> January, 1994, except in respect of things done or omitted to be done before such supersession, the Central Government hereby directs that on and from the date of its publication the required construction of new projects or activities or the expansion or modernization of existing projects or activities listed in the Schedule to this notification entailing capacity addition with change in process and or technology shall be undertaken in any part of India only after the prior environmental clearance from the Central Government or as the case may be, by the State Level Environment Impact Assessment Authority, duly constituted by the Central Government under sub-section (3) of section 3 of the said Act, in accordance with the procedure specified hereinafter in this notification.

---

<sup>1</sup>Includes the territorial waters

**2. Requirements of prior Environmental Clearance (EC):-** The following projects or activities shall require prior environmental clearance from the concerned regulatory authority, which shall hereinafter referred to be as the Central Government in the Ministry of Environment and Forests for matters falling under Category 'A' in the Schedule and at State level the State Environment Impact Assessment Authority (SEIAA) for matters falling under Category 'B' in the said Schedule, before any construction work, or preparation of land by the project management except for securing the land, is started on the project or activity:

- (i) All new projects or activities listed in the Schedule to this notification;
- (ii) Expansion and modernization of existing projects or activities listed in the Schedule to this notification with addition of capacity beyond the limits specified for the concerned sector, that is, projects or activities which cross the threshold limits given in the Schedule, after expansion or modernization;

(iii) Any change in product - mix in an existing manufacturing unit included in Schedule beyond the specified range.

**3. State Level Environment Impact Assessment Authority:-** (1) A State Level Environment Impact Assessment Authority hereinafter referred to as the SEIAA shall be constituted by the Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 comprising of three Members including a Chairman and a Member – Secretary to be nominated by the State Government or the Union territory Administration concerned.

- (2) The Member-Secretary shall be a serving officer of the concerned State Government or Union territory administration familiar with environmental laws.
- (3) The other two Members shall be either a professional or expert fulfilling the eligibility criteria given in Appendix VI to this notification.
- (4) One of the specified Members in sub-paragraph (3) above who is an expert in the Environmental Impact Assessment process shall be the Chairman of the SEIAA.
- (5) The State Government or Union territory Administration shall forward the names of the Members and the Chairman referred in sub- paragraph 3 to 4 above to the Central Government and the Central Government shall constitute the SEIAA as an authority for the purposes of this notification within thirty days of the date of receipt of the names.
- (6) The non-official Member and the Chairman shall have a fixed term of three years (from the date of the publication of the notification by the Central Government constituting the authority).
- (7) All decisions of the SEIAA shall be unanimous and taken in a meeting.

**4. Categorization of projects and activities:-**

- (i) All projects and activities are broadly categorized in to two categories - Category A and Category B, based on the spatial extent of potential impacts and potential impacts on human health and natural and man made resources.
- (ii) All projects or activities included as Category 'A' in the Schedule, including expansion and modernization of existing projects or activities and change in product mix, shall require prior environmental clearance from the Central Government in the Ministry of Environment and Forests (MoEF) on the recommendations of an Expert Appraisal Committee (EAC) to be constituted by the Central Government for the purposes of this notification;
- (iii) All projects or activities included as Category 'B' in the Schedule, including expansion and modernization of existing projects or activities as specified in sub paragraph (ii) of paragraph 2, or change in product mix as specified in sub paragraph (iii) of paragraph 2, but excluding those which fulfill the General Conditions (GC) stipulated in the Schedule, *will* require prior environmental clearance from the State/Union territory Environment Impact Assessment Authority (SEIAA). The SEIAA shall base its decision on the recommendations of a State or Union territory level Expert Appraisal Committee (SEAC) as to be constituted for in this notification. In the absence of a duly constituted SEIAA or SEAC, a Category 'B' project shall be treated as a Category 'A' project;

**5. Screening, Scoping and Appraisal Committees:-**

The same Expert Appraisal Committees (EACs) at the Central Government and SEACs (hereinafter referred to as the (EAC) and (SEAC) at the State or the Union territory level shall screen, scope and appraise projects or activities in Category 'A' and Category 'B' respectively. EAC and SEAC's shall meet at least once every month.

- (a) The composition of the EAC shall be as given in Appendix VI. The SEAC at the State or the Union territory level shall be constituted by the Central Government in consultation with the concerned State Government or the Union territory Administration with identical composition;
- (b) The Central Government may, with the prior concurrence of the concerned State Governments or the Union territory Administrations, constitute one SEAC for more than one State or Union territory for reasons of administrative convenience and cost;
- (c) The EAC and SEAC shall be reconstituted after every three years;
- (d) The authorised members of the EAC and SEAC, concerned, may inspect any site(s) connected with the project or activity in respect of which the prior environmental clearance is sought, for the purposes of screening or scoping or appraisal, with prior notice of at least seven days to the applicant, who shall provide necessary facilities for the inspection;
- (e) The EAC and SEACs shall function on the principle of collective responsibility. The Chairperson shall endeavour to reach a consensus in each case, and if consensus cannot be reached, the view of the majority shall prevail.

**6. Application for Prior Environmental Clearance (EC):-**

An application seeking prior environmental clearance in all cases shall be made in the prescribed Form I annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II, after the identification of prospective site(s) for the project and/or activities to which the application relates, before commencing any construction activity, or preparation of land, at the site by the applicant. The applicant shall furnish, along with the application, a copy of the pre-feasibility project report except that, in case of construction projects or activities (item 8 of the Schedule) in addition to Form I and the Supplementary Form 1A, a copy of the conceptual plan shall be provided, instead of the pre-feasibility report.

**7. Stages in the Prior Environmental Clearance (EC) Process for New Projects:-**

7(i) The environmental clearance process for new projects will comprise of a maximum of four stages, all of which may not apply to particular cases as set forth below in this notification. These four stages in sequential order are:-

- Stage (1) Screening (Only for Category 'B' projects and activities)
- Stage (2) Scoping
- Stage (3) Public Consultation
- Stage (4) Appraisal

**1. Stage (1) - Screening:**

In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior environmental clearance made in Form I by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity

requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of environmental clearance depending up on the nature and location specificity of the project . The projects requiring an Environmental Impact Assessment report shall be termed Category 'B1' and remaining projects shall be termed Category 'B2' and will not require an Environment Impact Assessment report. For categorization of projects into B1 or B2 except item 8 (b), the Ministry of Environment and Forests shall issue appropriate guidelines from time to time.

## II. Stage (2) - Scoping:

(i) "Scoping": refers to the process by which the Expert Appraisal Committee in the case of Category 'A' projects or activities, and State level Expert Appraisal Committee in the case of Category 'B1' projects or activities, including applications for expansion and/or modernization and/or change in product mix of existing projects or activities, determine detailed and comprehensive Terms Of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA) Report in respect of the project or activity for which prior environmental clearance is sought. The Expert Appraisal Committee or State level Expert Appraisal Committee concerned shall determine the Terms of Reference on the basis of the information furnished in the prescribed application Form I/Form 1A including Terms of Reference proposed by the applicant, a site visit by a sub- group of Expert Appraisal Committee or State level Expert Appraisal Committee concerned only if considered necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, Terms of Reference suggested by the applicant if furnished and other information that may be available with the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. All projects and activities listed as Category 'B' in Item 8 of the Schedule (Construction/Township/Commercial Complexes/Housing) shall not require Scoping and will be appraised on the basis of Form I/ Form 1A and the conceptual plan.

(ii) The Terms of Reference (TOR) shall be conveyed to the applicant by the Expert Appraisal Committee or State Level Expert Appraisal Committee as concerned within sixty days of the receipt of Form I. In the case of Category A Hydroelectric projects Item 1(c) (i) of the Schedule the Terms of Reference shall be conveyed along with the clearance for pre-construction activities. If the Terms of Reference are not finalized and conveyed to the applicant within sixty days of the receipt of Form I, the Terms of Reference suggested by the applicant shall be deemed as the final Terms of Reference approved for the EIA studies. The approved Terms of Reference shall be displayed on the website of the Ministry of Environment and Forests and the concerned State Level Environment Impact Assessment Authority.

(iii) Applications for prior environmental clearance may be rejected by the regulatory authority concerned on the recommendation of the EAC or SEAC concerned at this stage itself. In case of such rejection, the decision together with reasons for the same shall be communicated to the applicant in writing within sixty days of the receipt of the application.

## III. Stage (3) - Public Consultation:

(i) "Public Consultation" refers to the process by which the concerns of local affected persons and others who have plausible stake in the environmental impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. All Category 'A' and Category B1 projects or activities shall undertake Public Consultation, except the following:-

- (a) modernization of irrigation projects (item 1(c) (ii) of the Schedule).

- (b) all projects or activities located within industrial estates or parks (item 7(c) of the Schedule) approved by the concerned authorities, and which are not disallowed in such approvals.
  - (c) expansion of Roads and Highways (item 7 (f) of the Schedule) which do not involve any further acquisition of land.
  - (d) all Building /Construction projects/Area Development projects and Townships (item 8).
  - (e) all Category 'B2' projects and activities.
  - (f) all projects or activities concerning national defence and security or involving other strategic considerations as determined by the Central Government.
- (ii) The Public Consultation shall ordinarily have two components comprising of:-
- (a) a public hearing at the site or in its close proximity- district wise, to be carried out in the manner prescribed in Appendix IV, for ascertaining concerns of local affected persons;
  - (b) obtain responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity.
  - (iii) the public hearing at, or in close proximity to, the site(s) in all cases shall be conducted by the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) concerned in the specified manner and forward the proceedings to the regulatory authority concerned within 45(forty five ) of a request to the effect from the applicant.
  - (iv) in case the State Pollution Control Board or the Union territory Pollution Control Committee concerned does not undertake and complete the public hearing within the specified period, and/or does not convey the proceedings of the public hearing within the prescribed period directly to the regulatory authority concerned as above, the regulatory authority shall engage another public agency or authority which is not subordinate to the regulatory authority, to complete the process within a further period of forty five days..
  - (v) If the public agency or authority nominated under the sub paragraph (iii) above reports to the regulatory authority concerned that owing to the local situation, it is not possible to conduct the public hearing in a manner which will enable the views of the concerned local persons to be freely expressed, it shall report the facts in detail to the concerned regulatory authority, which may, after due consideration of the report and other reliable information that it may have, decide that the public consultation in the case need not include the public hearing.
  - (vi) For obtaining responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity, the concerned regulatory authority and the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) shall invite responses from such concerned persons by placing on their website the Summary EIA report prepared in the format given in Appendix IIIA by the applicant along with a copy of the application in the prescribed form , within seven days of the receipt of a written request for arranging the public hearing . Confidential information including non-disclosable or legally privileged information involving Intellectual Property Right, source specified in the application shall not be placed on the web site. The regulatory authority concerned may also use

other appropriate media for ensuring wide publicity about the project or activity. The regulatory authority shall, however, make available on a written request from any concerned person the Draft EIA report for inspection at a notified place during normal office hours till the date of the public hearing. All the responses received as part of this public consultation process shall be forwarded to the applicant through the quickest available means.

(vii) After completion of the public consultation, the applicant shall address all the material environmental concerns expressed during this process, and make appropriate changes in the draft EIA and EMP. The final EIA report, so prepared, shall be submitted by the applicant to the concerned regulatory authority for appraisal. The applicant may alternatively submit a supplementary report to draft EIA and EMP addressing all the concerns expressed during the public consultation.

#### **IV. Stage (4) - Appraisal:**

(i) Appraisal means the detailed scrutiny by the Expert Appraisal Committee or State Level Expert Appraisal Committee of the application and other documents like the Final EIA report, outcome of the public consultations including public hearing proceedings, submitted by the applicant to the regulatory authority concerned for grant of environmental clearance. This appraisal shall be made by Expert Appraisal Committee or State Level Expert Appraisal Committee concerned in a transparent manner in a proceeding to which the applicant shall be invited for furnishing necessary clarifications in person or through an authorized representative. On conclusion of this proceeding, the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall make categorical recommendations to the regulatory authority concerned either for grant of prior environmental clearance on stipulated terms and conditions, or rejection of the application for prior environmental clearance, together with reasons for the same.

(ii) The appraisal of all projects or activities which are not required to undergo public consultation, or submit an Environment Impact Assessment report, shall be carried out on the basis of the prescribed application Form 1 and Form 1A as applicable, any other relevant validated information available and the site visit wherever the same is considered as necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.

(iii) The appraisal of an application shall be completed by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within sixty days of the receipt of the final Environment Impact Assessment report and other documents or the receipt of Form 1 and Form 1 A, where public consultation is not necessary and the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee shall be placed before the competent authority for a final decision within the next fifteen days. The prescribed procedure for appraisal is given in Appendix V ;

#### **7(ii). Prior Environmental Clearance (EC) process for Expansion or Modernization or Change of product mix in existing projects:**

All applications seeking prior environmental clearance for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance has been granted under this notification or with increase in either lease area or production capacity in the case of mining projects or for the modernization of an existing unit with increase in the total production capacity beyond the threshold limit prescribed in the Schedule to this notification through change in process and or technology or involving a change in the product -mix shall be made in Form 1 and they shall be considered by the concerned Expert Appraisal Committee or State Level Expert Appraisal Committee within sixty days, who will decide on the due diligence.

necessary including preparation of EIA and public consultations and the application shall be appraised accordingly for grant of environmental clearance.

**8. Grant or Rejection of Prior Environmental Clearance (EC):**

- (i) The regulatory authority shall consider the recommendations of the EAC or SEAC concerned and convey its decision to the applicant within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned or in other words within one hundred and five days of the receipt of the final Environment Impact Assessment Report, and where Environment Impact Assessment is not required, within one hundred and five days of the receipt of the complete application with requisite documents, except as provided below.
- (ii) The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observations of the regulatory authority and furnish its views on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days.
- (iii) In the event that the decision of the regulatory authority is not communicated to the applicant within the period specified in sub-paragraphs (i) or (ii) above, as applicable, the applicant may proceed as if the environment clearance sought for has been granted or denied by the regulatory authority in terms of the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.
- (iv) On expiry of the period specified for decision by the regulatory authority under paragraph (i) and (ii) above, as applicable, the decision of the regulatory authority, and the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be public documents.
- (v) Clearances from other regulatory bodies or authorities shall not be required prior to receipt of applications for prior environmental clearance of projects or activities, or screening, or scoping, or appraisal, or decision by the regulatory authority concerned, unless any of these is sequentially dependent on such clearance either due to a requirement of law, or for necessary technical reasons.
- (vi) Deliberate concealment and/or submission of false or misleading information or data which is material to screening or scoping or appraisal or decision on the application shall make the application liable for rejection, and cancellation of prior environmental clearance granted on that basis. Rejection of an application or cancellation of a prior environmental clearance already granted, on such ground, shall be decided by the regulatory authority, after giving a personal hearing to the applicant, and following the principles of natural justice.

### 9. Validity of Environmental Clearance (EC):

The "Validity of Environmental Clearance" is meant the period from which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub paragraph (iv) of paragraph 7 above, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects (item 1(c) of the Schedule), project life as estimated by Expert Appraisal Committee or State Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and five years in the case of all other projects and activities. However, in the case of Area Development projects and Townships [item 8(b)], the validity period shall be limited only to such activities as may be the responsibility of the applicant as a developer. This period of validity may be extended by the regulatory authority concerned by a maximum period of five years provided an application is made to the regulatory authority by the applicant - within the validity period, together with an updated Form 1, and Supplementary Form 1A, for Construction projects or activities (item 8 of the Schedule). In this regard the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee as the case may be.

### 10. Post Environmental Clearance Monitoring:

(i) It shall be mandatory for the project management to submit half-yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.

(ii) All such compliance reports submitted by the project management shall be public documents. Copies of the same shall be given to any person on application to the concerned regulatory authority. The latest such compliance report shall also be displayed on the web site of the concerned regulatory authority.

### 11. Transferability of Environmental Clearance (EC):

A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases.

### 12. Operation of EIA Notification, 1994, till disposal of pending cases:

From the date of final publication of this notification the Environment Impact Assessment (EIA) notification number S.O.60 (E) dated 27<sup>th</sup> January, 1994 is hereby superseded, except in suppression of the things done or omitted to be done before such suppression to the extent that in case of all or some types of applications made for prior environmental clearance and pending on the date of final publication of this notification, the Central Government may relax any one or all provisions of this notification except the list of the projects or activities requiring prior environmental clearance in Schedule I, or continue operation of some or all provisions of the said notification, for a period not exceeding one year from the date of issue of this notification.

## SCHEDULE

(See paragraph 2 and 7)

## LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE

Project or Activity	Category with threshold limit		Conditions if any	
	A	B		
1	Mining, extraction of natural resources and power generation (for a specified production capacity)			
(1)	(2)	(3)	(4)	(5)
I(a)	Mining of minerals	<p>≥ 50 ha. of mining lease area</p> <p>Asbestos mining irrespective of mining area</p>	<p>&lt;50 ha</p> <p>≥ 5 ha .of mining lease area.</p>	<p>General Condition shall apply</p> <p>Note Mineral prospecting (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey</p>
I(b)	Offshore and onshore oil and gas exploration, development & production	All projects		<p>Note Exploration Surveys (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey</p>
I(c)	River Valley projects	<p>(i) ≥ 50 MW hydroelectric power generation;</p> <p>(ii) ≥ 10,000 ha. of culturable command area</p>	<p>(i) &lt; 50 MW ≥ 25 MW hydroelectric power generation;</p> <p>(ii) &lt; 10,000 ha. of culturable command area</p>	General Condition shall apply
I(d)	Thermal Power Plants	<p>≥ 500 MW (coal/lignite/naphtha &amp; gas based);</p> <p>≥ 50 MW (Pet coke diesel and all other fuels -)</p>	<p>&lt; 500 MW (coal/lignite/naphtha &amp; gas based);</p> <p>&lt;50 MW</p> <p>≥ 5MW (Pet coke ,diesel and all other fuels )</p>	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
1(e)	Nuclear power projects and processing of nuclear fuel	All projects		
2		<b>Primary Processing</b>		
2(a)	Coal washeries	≥ 1 million ton/annum throughput of coal	<1million ton/annum throughput of coal	General Condition shall apply  (If located within mining area the proposal shall be appraised together with the mining proposal)
2 (b)	Mineral beneficiation	≥ 0.1million ton/annum mineral throughput	< 0.1million ton/annum mineral throughput	General Condition shall apply  (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance)

3				
Materials Production				
(1)	(2)	(3)	(4)	(5)
3(a)	Metallurgical industries (ferrous & non ferrous)	<p>a) Primary metallurgical industry</p> <p>All projects</p> <p>b) Sponge iron manufacturing <math>\geq 200</math>TPD</p> <p>c) Secondary metallurgical processing industry</p> <p>All toxic and heavy metal producing units <math>\geq 20,000</math> tonnes/annum</p>	<p>Sponge iron manufacturing <math>&lt; 200</math>TPD</p> <p>Secondary metallurgical processing industry</p> <p>i.) All toxic and heavy metal producing units <math>&lt; 20,000</math> tonnes/annum</p> <p>ii.) All other non-toxic secondary metallurgical processing industries <math>&gt; 5000</math> tonnes/annum</p>	General Condition shall apply for Sponge iron manufacturing
3(b)	Cement plants	$\geq 1.0$ million tonnes/annum production capacity	$< 1.0$ million tonnes/annum production capacity. All Stand alone grinding units	General Condition shall apply

4				
Materials Processing				
(1)	(2)	(3)	(4)	(5)
4(a)	Petroleum refining industry	All projects	-	-
4(b)	Coke oven plants	≥2,50,000 tonnes/annum	<2,50,000 & ≥25,000 tonnes/annum	-
4(c)	Asbestos milling and asbestos based products	All projects	-	-
4(d)	Chlor-alkali industry	≥300 TPD production capacity or a unit located outside the notified industrial area/estate	<300 TPD production capacity and located within a notified industrial area/estate	Specific Condition shall apply  No new Mercury Cell based plants will be permitted and existing units converting to membrane cell technology are exempted from this Notification
4(e)	Soda ash Industry	All projects	-	-
4(f)	Leather/skin/hide processing industry	New projects outside the industrial area or expansion of existing units outside the industrial area	All new or expansion of projects located within a notified industrial area/estate	Specific condition shall apply
5				
Manufacturing/Fabrication				
5(a)	Chemical fertilizers	All projects	-	-
5(b)	Pesticides industry and pesticide specific intermediates (excluding formulations)	All units producing technical grade pesticides	-	-

(1)	(2)	(3)	(4)	(5)
5(c)	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas and/or reforming to aromatics)	All projects -	-	-
5(d)	Manmade fibres manufacturing	Rayon	Others	General Condition shall apply
5(e)	Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)	Located out side the notified industrial area/ estate -	Located in a notified industrial area/ estate	Specific Condition shall apply
5(f)	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	Specific Condition shall apply
5(g)	Distilleries	(i) All Molasses based distilleries  (ii) All Cane juice/ non-molasses based distilleries $\geq 30$ KLD	All Cane juice/non-molasses based distilleries - $< 30$ KLD	General Condition shall apply
5(h)	Integrated paint industry	-	All projects	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
5(i)	Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp with out bleaching	Pulp manufacturing and Pulp& Paper manufacturing industry	Paper manufacturing industry without pulp manufacturing	General Condition shall apply
5(j)	Sugar Industry	-	≥ 5000 tcd cane crushing capacity	General Condition shall apply
5(k)	Induction/arc furnaces/cupola furnaces 5TPH or more	-	All projects	General Condition shall apply
6		Service Sectors		
6(a)	Oil & gas transportation pipe line (crude and refinery/ petrochemical products), passing through national parks /sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal	All projects		

(1)	(2)	(3)	(4)	(5)
6(b)	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	-	All projects	General Condition shall apply
7		<b>Physical Infrastructure including Environmental Services</b>		
7(a)	Air ports	All projects	-	-
7(b)	All ship breaking yards including ship breaking units	All projects	-	-
7(c)	Industrial estates/parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.	If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area.  Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	-Industrial estates housing at least one Category B industry and area <500 ha.  Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	Special condition shall apply  Note: Industrial Estate of area below 500 ha. and not housing any industry of category A or B does not require clearance.
7(d)	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone	All facilities having land fill only	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
7(e)	Ports, Harbours	≥ 5 million TPA of cargo handling capacity (excluding fishing harbours)	< 5 million TPA of cargo handling capacity and/or ports/ harbours ≥10,000 TPA of fish handling capacity	General Condition shall apply
7(f)	Highways	i) New National High ways; and  ii) Expansion of National High ways greater than 30 KM, involving additional right of way greater than 20m involving land acquisition and passing through more than one State.	i) New State High ways; and  ii) Expansion of National / State Highways greater than 30 km involving additional right of way greater than 20m involving land acquisition.	General Condition shall apply
7(g)	Aerial ropeways		All projects	General Condition shall apply
7(h)	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
8		<b>Building /Construction projects/Area Development projects and Townships</b>		
8(a)	Building and Construction projects		≥20000 sq.mtrs and <1,50,000 sq.mtrs. of built-up area#	#(built up area for covered construction; in the case of facilities open to the sky, it will be the activity area )
8(b)	Townships and Area Development projects.		Covering an area ≥ 50 ha and or built up area ≥1,50,000 sq .mtrs ++	**All projects under Item 8(b) shall be appraised as Category B I

**Note:-****General Condition (GC):**

Any project or activity specified in Category 'B' will be treated as Category A, if located in whole or in part within 10 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) Critically Polluted areas as notified by the Central Pollution Control Board from time to time, (iii) Notified Eco-sensitive areas, (iv) inter-State boundaries and international boundaries.

**Specific Condition (SC):**

If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre -defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate).

[No. J-11013/56/2004-IA-II(I)]  
R. CHANDRAMOHAN, Jt. Secy.

**APPENDIX I**

(See paragraph - 6)

**FORM 1****(I) Basic Information**

Name of the Project:

Location / site alternatives under consideration:

Size of the Project: \*

Expected cost of the project:

Contact Information:

Screening Category:

- Capacity corresponding to sectoral activity (such as production capacity for manufacturing, mining lease area and production capacity for mineral production, area for mineral exploration, length for linear transport infrastructure, generation capacity for power generation etc..)

**(II) Activity**

- 1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)		
1.2	Clearance of existing land, vegetation and buildings?		
1.3	Creation of new land uses?		
1.4	Pre-construction investigations e.g. bore houses, soil testing?		
1.5	Construction works?		
1.6	Demolition works?		
1.7	Temporary sites used for construction works or housing of construction workers?		
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations		
1.9	Underground works including mining or tunneling?		
1.10	Reclamation works?		
1.11	Dredging?		
1.12	Offshore structures?		
1.13	Production and manufacturing processes?		

1.14	Facilities for storage of goods or materials?		
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?		
1.16	Facilities for long term housing of operational workers?		
1.17	New road, rail or sea traffic during construction or operation?		
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?		
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?		
1.20	New or diverted transmission lines or pipelines?		
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?		
1.22	Stream crossings?		
1.23	Abstraction or transfers of water from ground or surface waters?		
1.24	Changes in water bodies or the land surface affecting drainage or run-off?		
1.25	Transport of personnel or materials for construction, operation or decommissioning?		
1.26	Long-term dismantling or decommissioning or restoration works?		
1.27	Ongoing activity during decommissioning which could have an impact on the environment?		
1.28	Influx of people to an area in either temporarily or permanently?		
1.29	Introduction of alien species?		
1.30	Loss of native species or genetic diversity?		
1.31	Any other actions?		

**2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

S.No.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)		

2.2	Water (expected source & competing users) unit: KLD		
2.3	Minerals (MT)		
2.4	Construction material – stone, aggregates, and / soil (expected source – MT)		
2.5	Forests and timber (source – MT)		
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)		
2.7	Any other natural resources (use appropriate standard units)		

**3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)		
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?		
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,		
3.5	Any other causes		

**4. Production of solid wastes during construction or operation or decommissioning (MT/month)**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes		

4.2	Municipal waste (domestic and or commercial wastes)		
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)		
4.4	Other industrial process wastes		
4.5	Surplus product		
4.6	Sewage sludge or other sludge from effluent treatment		
4.7	Construction or demolition wastes		
4.8	Redundant machinery or equipment		
4.9	Contaminated soils or other materials		
4.10	Agricultural wastes		
4.11	Other solid wastes		

**5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources		
5.2	Emissions from production processes		
5.3	Emissions from materials handling including storage or transport		
5.4	Emissions from construction activities including plant and equipment		
5.5	Dust or odours from handling of materials including construction materials, sewage and waste		

5.6	Emissions from incineration of waste		
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)		
5.8	Emissions from any other sources		

**6. Generation of Noise and Vibration, and Emissions of Light and Heat:**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers		
6.2	From industrial or similar processes		
6.3	From construction or demolition		
6.4	From blasting or piling		
6.5	From construction or operational traffic		
6.6	From lighting or cooling systems		
6.7	From any other sources		

**7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials		
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)		
7.3	By deposition of pollutants emitted to air into the land or into water		
7.4	From any other sources		
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?		

**8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances		
3.2	From any other causes		
3.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?		

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	<p>Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> <li>• Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• housing development</li> <li>• extractive industries</li> <li>• supply industries</li> <li>• other</li> </ul>		
9.2	Lead to after-use of the site, which could have an impact on the environment		
9.3	Set a precedent for later developments		
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects		

**(III) Environmental Sensitivity**

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value		

2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		
4	Inland, coastal, marine or underground waters		
5	State, National boundaries		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas		
7	Defence installations		
8	Densely populated or built-up area		
9	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )		
10	Areas containing important, high quality or scarce resources ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )		
11	Areas already subjected to pollution or environmental damage. ( <i>those where existing legal environmental standards are exceeded</i> )		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems ( <i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i> )		

## (IV). Proposed Terms of Reference for EIA studies

**APPENDIX II****(See paragraph 6)****FORM-1 A (only for construction projects listed under item 8 of the Schedule)****CHECK LIST OF ENVIRONMENTAL IMPACTS**

**(Project proponents are required to provide full information and wherever necessary attach explanatory notes with the Form and submit along with proposed environmental management plan & monitoring programme)**

**1. LAND ENVIRONMENT**

**(Attach panoramic view of the project site and the vicinity)**

1.1. Will the existing landuse get significantly altered from the project that is not consistent with the surroundings? (Proposed landuse must conform to the approved Master Plan / Development Plan of the area. Change of landuse if any and the statutory approval from the competent authority be submitted). Attach Maps of (i) site location, (ii) surrounding features of the proposed site (within 500 meters) and (iii) the site (indicating levels & contours) to appropriate scales. If not available attach only conceptual plans.

1.2. List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.

1.3. What are the likely impacts of the proposed activity on the existing facilities adjacent to the proposed site? (Such as open spaces, community facilities, details of the existing landuse, disturbance to the local ecology).

1.4. Will there be any significant land disturbance resulting in erosion, subsidence & instability? (Details of soil type, slope analysis, vulnerability to subsidence, seismicity etc may be given).

1.5. Will the proposal involve alteration of natural drainage systems? (Give details on a contour map showing the natural drainage near the proposed project site)

1.6. What are the quantities of earthwork involved in the construction activity-cutting, filling, reclamation etc. (Give details of the quantities of earthwork involved, transport of fill materials from outside the site etc.)

1.7. Give details regarding water supply, waste handling etc during the construction period.

1.8. Will the low lying areas & wetlands get altered? (Provide details of how low lying and wetlands are getting modified from the proposed activity)

1.9. Whether construction debris & waste during construction cause health hazard? (Give quantities of various types of wastes generated during construction including the construction labour and the means of disposal)

**2. WATER ENVIRONMENT**

2.1. Give the total quantity of water requirement for the proposed project with the breakup of requirements for various uses. How will the water requirement met? State the sources & quantities and furnish a water balance statement.

- 2.2. What is the capacity (dependable flow or yield) of the proposed source of water?
- 2.3. What is the quality of water required, in case, the supply is not from a municipal source? (Provide physical, chemical, biological characteristics with class of water quality)
- 2.4. How much of the water requirement can be met from the recycling of treated wastewater? (Give the details of quantities, sources and usage)
- 2.5. Will there be diversion of water from other users? (Please assess the impacts of the project on other existing uses and quantities of consumption)
- 2.6. What is the incremental pollution load from wastewater generated from the proposed activity? (Give details of the quantities and composition of wastewater generated from the proposed activity)
- 2.7. Give details of the water requirements met from water harvesting? Furnish details of the facilities created.
- 2.8. What would be the impact of the land use changes occurring due to the proposed project on the runoff characteristics (quantitative as well as qualitative) of the area in the post construction phase on a long term basis? Would it aggravate the problems of flooding or water logging in any way?
- 2.9. What are the impacts of the proposal on the ground water? (Will there be tapping of ground water; give the details of ground water table, recharging capacity, and approvals obtained from competent authority, if any)
- 2.10. What precautions/measures are taken to prevent the run-off from construction activities polluting land & aquifers? (Give details of quantities and the measures taken to avoid the adverse impacts)
- 2.11. How is the storm water from within the site managed?(State the provisions made to avoid flooding of the area, details of the drainage facilities provided along with a site layout indication contour levels)
- 2.12. Will the deployment of construction labourers particularly in the peak period lead to unsanitary conditions around the project site (Justify with proper explanation)
- 2.13. What on-site facilities are provided for the collection, treatment & safe disposal of sewage? (Give details of the quantities of wastewater generation, treatment capacities with technology & facilities for recycling and disposal)
- 2.14. Give details of dual plumbing system if treated waste used is used for flushing of toilets or any other use.

### 3. VEGETATION

- 3.1. Is there any threat of the project to the biodiversity? (Give a description of the local ecosystem with it's unique features, if any)

3.2. Will the construction involve extensive clearing or modification of vegetation? (Provide a detailed account of the trees & vegetation affected by the project)

3.3. What are the measures proposed to be taken to minimize the likely impacts on important site features (Give details of proposal for tree plantation, landscaping, creation of water bodies etc along with a layout plan to an appropriate scale)

#### 4. FAUNA

4.1. Is there likely to be any displacement of fauna- both terrestrial and aquatic or creation of barriers for their movement? Provide the details.

4.2. Any direct or indirect impacts on the avifauna of the area? Provide details.

4.3. Prescribe measures such as corridors, fish ladders etc to mitigate adverse impacts on fauna

#### 5. AIR ENVIRONMENT

5.1. Will the project increase atmospheric concentration of gases & result in heat islands? (Give details of background air quality levels with predicted values based on dispersion models taking into account the increased traffic generation as a result of the proposed constructions)

5.2. What are the impacts on generation of dust, smoke, odorous fumes or other hazardous gases? Give details in relation to all the meteorological parameters.

5.3. Will the proposal create shortage of parking space for vehicles? Furnish details of the present level of transport infrastructure and measures proposed for improvement including the traffic management at the entry & exit to the project site.

5.4. Provide details of the movement patterns with internal roads, bicycle tracks, pedestrian pathways, footpaths etc., with areas under each category.

5.5. Will there be significant increase in traffic noise & vibrations? Give details of the sources and the measures proposed for mitigation of the above.

5.6. What will be the impact of DG sets & other equipment on noise levels & vibration in & ambient air quality around the project site? Provide details.

#### 6. AESTHETICS

6.1. Will the proposed constructions in any way result in the obstruction of a view, scenic amenity or landscapes? Are these considerations taken into account by the proponents?

6.2. Will there be any adverse impacts from new constructions on the existing structures? What are the considerations taken into account?

6.3. Whether there are any local considerations of urban form & urban design influencing the design criteria? They may be explicitly spelt out.

6.4. Are there any anthropological or archaeological sites or artefacts nearby? State if any other significant features in the vicinity of the proposed site have been considered.

#### 7. SOCIO-ECONOMIC ASPECTS

7.1. Will the proposal result in any changes to the demographic structure of local population? Provide the details.

7.2. Give details of the existing social infrastructure around the proposed project.

7.3. Will the project cause adverse effects on local communities, disturbance to sacred sites or other cultural values? What are the safeguards proposed?

## **8. BUILDING MATERIALS**

8.1. May involve the use of building materials with high-embodied energy. Are the construction materials produced with energy efficient processes? (Give details of energy conservation measures in the selection of building materials and their energy efficiency)

8.2. Transport and handling of materials during construction may result in pollution, noise & public nuisance. What measures are taken to minimize the impacts?

8.3. Are recycled materials used in roads and structures? State the extent of savings achieved?

8.4. Give details of the methods of collection, segregation & disposal of the garbage generated during the operation phases of the project.

## **9. ENERGY CONSERVATION**

9.1. Give details of the power requirements, source of supply, backup source etc. What is the energy consumption assumed per square foot of built-up area? How have you tried to minimize energy consumption?

9.2. What type of, and capacity of, power back-up to you plan to provide?

9.3. What are the characteristics of the glass you plan to use? Provide specifications of its characteristics related to both short wave and long wave radiation?

9.4. What passive solar architectural features are being used in the building? Illustrate the applications made in the proposed project.

9.5. Does the layout of streets & buildings maximise the potential for solar energy devices? Have you considered the use of street lighting, emergency lighting and solar hot water systems for use in the building complex? Substantiate with details.

9.6. Is shading effectively used to reduce cooling/heating loads? What principles have been used to maximize the shading of Walls on the East and the West and the Roof? How much energy saving has been effected?

9.7. Do the structures use energy-efficient space conditioning, lighting and mechanical systems? Provide technical details. Provide details of the transformers and motor efficiencies, lighting intensity and air-conditioning load assumptions? Are you using CFC and HCFC free chillers? Provide specifications.

9.8. What are the likely effects of the building activity in altering the micro-climates? Provide a self assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects?

9.9. What are the thermal characteristics of the building envelope? (a) roof; (b) external walls; and (c) fenestration? Give details of the material used and the U-values or the R values of the individual components.

9.10. What precautions & safety measures are proposed against fire hazards? Furnish details of emergency plans.

9.11. If you are using glass as wall material provides details and specifications including emissivity and thermal characteristics.

9.12. What is the rate of air infiltration into the building? Provide details of how you are mitigating the effects of infiltration.

9.13. To what extent the non-conventional energy technologies are utilised in the overall energy consumption? Provide details of the renewable energy technologies used.

### 10. Environment Management Plan

The Environment Management Plan would consist of all mitigation measures for each item wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. It would also delineate the environmental monitoring plan for compliance of various environmental regulations. It will state the steps to be taken in case of emergency such as accidents at the site including fire.

### APPENDIX III

(See paragraph 7)

### GENERIC STRUCTURE OF ENVIRONMENTAL IMPACT ASSESMENT DOCUMENT

S.NO	EIA STRUCTURE	CONTENTS
1.	Introduction	<ul style="list-style-type: none"> <li>• Purpose of the report</li> <li>• Identification of project &amp; project proponent</li> <li>• Brief description of nature, size, location of the project and its importance to the country, region</li> <li>• Scope of the study – details of regulatory scoping carried out (As per Terms of Reference)</li> </ul>
2.	Project Description	<ul style="list-style-type: none"> <li>• Condensed description of those aspects of the project (based on project feasibility study), likely to cause environmental effects. Details should be provided to give clear picture of the following: <ul style="list-style-type: none"> <li>• Type of project</li> <li>• Need for the project</li> <li>• Location (maps showing general location, specific location, project boundary &amp; project site layout)</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>• Size or magnitude of operation (incl. Associated activities required by or for the project)</li> <li>• Proposed schedule for approval and implementation</li> <li>• Technology and process description</li> <li>• Project description. Including drawings showing project layout, components of project etc. Schematic representations of the feasibility drawings which give information important for EIA purpose</li> <li>• Description of mitigation measures incorporated into the project to meet environmental standards, environmental operating conditions, or other EIA requirements (as required by the scope)</li> <li>• Assessment of New &amp; untested technology for the risk of technological failure</li> </ul>
3.	Description of the Environment	<ul style="list-style-type: none"> <li>• Study area, period, components &amp; methodology</li> <li>• Establishment of baseline for valued environmental components, as identified in the scope</li> <li>• Base maps of all environmental components</li> </ul>
4.	Anticipated Environmental Impacts & Mitigation Measures	<ul style="list-style-type: none"> <li>• Details of Investigated Environmental impacts due to project location, possible accidents, project design, project construction, regular operations, final decommissioning or rehabilitation of a completed project</li> <li>• Measures for minimizing and / or offsetting adverse impacts identified</li> <li>• Irreversible and Irretrievable commitments of environmental components</li> <li>• Assessment of significance of impacts (Criteria for determining significance, Assigning significance)</li> <li>• Mitigation measures</li> </ul>
5.	Analysis of Alternatives (Technology & Site)	<ul style="list-style-type: none"> <li>• In case, the scoping exercise results in need for alternatives:</li> <li>• Description of each alternative</li> <li>• Summary of adverse impacts of each alternative</li> <li>• Mitigation measures proposed for each alternative and</li> <li>• Selection of alternative</li> </ul>

6.	Environmental Monitoring Program	<ul style="list-style-type: none"> <li>• Technical aspects of monitoring the effectiveness of mitigation measures (incl. Measurement methodologies, frequency, location, data analysis, reporting schedules, emergency procedures, detailed budget &amp; procurement schedules)</li> </ul>
7.	Additional Studies	<ul style="list-style-type: none"> <li>• Public Consultation</li> <li>• Risk assessment</li> <li>• Social Impact Assessment. R&amp;R Action Plans</li> </ul>
8.	Project Benefits	<ul style="list-style-type: none"> <li>• Improvements in the physical infrastructure</li> <li>• Improvements in the social infrastructure</li> <li>• Employment potential –skilled; semi-skilled and unskilled.</li> <li>• Other tangible benefits</li> </ul>
9.	Environmental Cost Benefit Analysis	If recommended at the Scoping stage
10.	EMP	<ul style="list-style-type: none"> <li>• Description of the administrative aspects of ensuring that mitigative measures are implemented and their effectiveness monitored, after approval of the EIA</li> </ul>
11.	Summary & Conclusion (This will constitute the summary of the EIA Report )	<ul style="list-style-type: none"> <li>• Overall justification for implementation of the project</li> <li>• Explanation of how, adverse effects have been mitigated</li> </ul>
12.	Disclosure of Consultants engaged	<ul style="list-style-type: none"> <li>• The names of the Consultants engaged with their brief resume and nature of Consultancy rendered</li> </ul>

**APPENDIX III A**  
(See paragraph 7).

**CONTENTS OF SUMMARY ENVIRONMENTAL IMPACT ASSESSMENT**

The Summary EIA shall be a summary of the full EIA Report condensed to ten A-4 size pages at the maximum. It should necessarily cover in brief the following Chapters of the full EIA Report: -

1. Project Description
2. Description of the Environment
3. Anticipated Environmental impacts and mitigation measures
4. Environmental Monitoring Programme
5. Additional Studies
6. Project Benefits
7. Environment Management Plan

**APPENDIX IV****(See paragraph 7)****PROCEDURE FOR CONDUCT OF PUBLIC HEARING**

1.0 The Public Hearing shall be arranged in a systematic, time bound and transparent manner ensuring widest possible public participation at the project site(s) or in its close proximity District -wise, by the concerned State Pollution Control Board (SPCB) or the Union Territory Pollution Control Committee (UTPCC).

**2.0 The Process:**

2.1 The Applicant shall make a request through a simple letter to the Member Secretary of the SPCB or Union Territory Pollution Control Committee, in whose jurisdiction the project is located, to arrange the public hearing within the prescribed statutory period. In case the project site is extending beyond a State or Union Territory, the public hearing is mandated in each State or Union Territory in which the project is sited and the Applicant shall make separate requests to each concerned SPCB or UTPCC for holding the public hearing as per this procedure.

2.2 The Applicant shall enclose with the letter of request, at least 10 hard copies and an equivalent number of soft (electronic) copies of the draft EIA Report with the generic structure given in Appendix III including the Summary Environment Impact Assessment report in English and in the local language, prepared strictly in accordance with the Terms of Reference communicated after Scoping (Stage-2). Simultaneously the applicant shall arrange to forward copies, one hard and one soft, of the above draft EIA Report along with the Summary EIA report to the Ministry of Environment and Forests and to the following authorities or offices, within whose jurisdiction the project will be located:

- (a) District Magistrate/s
- (b) Zila Parishad or Municipal Corporation
- (c) District Industries Office
- (d) Concerned Regional Office of the Ministry of Environment and Forests

2.3 On receiving the draft Environmental Impact Assessment report, the above-mentioned authorities except the MoEF, shall arrange to widely publicize it within their respective jurisdictions requesting the interested persons to send their comments to the concerned regulatory authorities. They shall also make available the draft EIA Report for inspection electronically or otherwise to the public during normal office hours till the Public Hearing is over. The Ministry of Environment and Forests shall promptly display the Summary of the draft Environmental Impact Assessment report on its website, and also make the full draft EIA available for reference at a notified place during normal office hours in the Ministry at Delhi.

2.4 The SPCB or UTPCC concerned shall also make similar arrangements for giving publicity about the project within the State/Union Territory and make available the Summary of the draft Environmental Impact Assessment report (Appendix III A) for inspection in select offices or public libraries or panchayats etc. They shall also additionally

make available a copy of the draft Environmental Impact Assessment report to the above five authorities/offices viz, Ministry of Environment and Forests, District Magistrate etc.

### 3.0 Notice of Public Hearing:

3.1 The Member-Secretary of the concerned SPCB or UTPCC shall finalize the date, time and exact venue for the conduct of public hearing within 7(seven) days of the date of receipt of the draft Environmental Impact Assessment report from the project proponent, and advertise the same in one major National Daily and one Regional vernacular Daily. A minimum notice period of 30(thirty) days shall be provided to the public for furnishing their responses;

3.2 The advertisement shall also inform the public about the places or offices where the public could access the draft Environmental Impact Assessment report and the Summary Environmental Impact Assessment report before the public hearing.

3.3 No postponement of the date, time, venue of the public hearing shall be undertaken, unless some untoward emergency situation occurs and only on the recommendation of the concerned District Magistrate the postponement shall be notified to the public through the same National and Regional vernacular dailies and also prominently displayed at all the identified offices by the concerned SPCB or Union Territory Pollution Control Committee;

3.4 In the above exceptional circumstances fresh date, time and venue for the public consultation shall be decided by the Member –Secretary of the concerned SPCB or UTPCC only in consultation with the District Magistrate and notified afresh as per procedure under 3.1 above.

### 4.0 The Panel

4.1 The District Magistrate or his or her representative not below the rank of an Additional District Magistrate assisted by a representative of SPCB or UTPCC, shall supervise and preside over the entire public hearing process.

### 5.0 Videography

5.1 The SPCB or UTPCC shall arrange to video film the entire proceedings. A copy of the videotape or a CD shall be enclosed with the public hearing proceedings while forwarding it to the Regulatory Authority concerned.

### 6.0 Proceedings

6.1 The attendance of all those who are present at the venue shall be noted and annexed with the final proceedings.

6.2 There shall be no quorum required for attendance for starting the proceedings.

6.3 A representative of the applicant shall initiate the proceedings with a presentation on the project and the Summary EIA report.

6.4 Every person present at the venue shall be granted the opportunity to seek information or clarifications on the project from the Applicant. The summary of the public

hearing proceedings accurately reflecting all the views and concerns expressed shall be recorded by the representative of the SPCB or UTPCC and read over to the audience at the end of the proceedings explaining the contents in the vernacular language and the agreed minutes shall be signed by the District Magistrate or his or her representative on the same day and forwarded to the SPCB/UTPCC concerned.

6.5 A Statement of the issues raised by the public and the comments of the Applicant shall also be prepared in the local language and in English and annexed to the proceedings:

6.6 The proceedings of the public hearing shall be conspicuously displayed at the office of the Panchyats within whose jurisdiction the project is located, office of the concerned Zila Parishad, District Magistrate, and the SPCB or UTPCC. The SPCB or UTPCC shall also display the proceedings on its website for general information. Comments, if any, on the proceedings which may be sent directly to the concerned regulatory authorities and the Applicant concerned.

#### 7.0 Time period for completion of public hearing

7.1 The public hearing shall be completed within a period of 45 (forty five) days from date of receipt of the request letter from the Applicant. Therefore the SPCB or UTPCC concerned shall send the public hearing proceedings to the concerned regulatory authority within 8(eight) days of the completion of the public hearing. The applicant may also directly forward a copy of the approved public hearing proceedings to the regulatory authority concerned along with the final Environmental Impact Assessment report or supplementary report to the draft EIA report prepared after the public hearing and public consultations.

7.2 If the SPCB or UTPCC fails to hold the public hearing within the stipulated 45(forty five) days, the Central Government in Ministry of Environment and Forests for Category 'A' project or activity and the State Government or Union Territory Administration for Category 'B' project or activity at the request of the SEIAA, shall engage any other agency or authority to complete the process, as per procedure laid down in this notification.

#### APPENDIX -V (See paragraph 7)

#### PROCEDURE PRESCRIBED FOR APPRAISAL

1. The applicant shall apply to the concerned regulatory authority through a simple communication enclosing the following documents where public consultations are mandatory: -

- Final Environment Impact Assessment Report [20(twenty) hard copies and 1 (one) soft copy]]
- A copy of the video tape or CD of the public hearing proceedings
- A copy of final layout plan (20 copies)
- A copy of the project feasibility report (1 copy)

2. The Final EIA Report and the other relevant documents submitted by the applicant shall be scrutinized in office within 30 days from the date of its receipt by the concerned Regulatory Authority strictly with reference to the TOR and the inadequacies noted shall be communicated electronically or otherwise in a single set to the Members of the EAC

/SEAC enclosing a copy each of the Final EIA Report including the public hearing proceedings and other public responses received along with a copy of Form -I or Form 1A and scheduled date of the EAC /SEAC meeting for considering the proposal .

3. Where a public consultation is not mandatory and therefore a formal EIA study is not required, the appraisal shall be made on the basis of the prescribed application Form 1 and a pre-feasibility report in the case of all projects and activities other than Item 8 of the Schedule .In the case of Item 8 of the Schedule, considering its unique project cycle , the EAC or SEAC concerned shall appraise all Category B projects or activities on the basis of Form 1, Form 1A and the conceptual plan and stipulate the conditions for environmental clearance . As and when the applicant submits the approved scheme /building plans complying with the stipulated environmental clearance conditions with all other necessary statutory approvals, the EAC /SEAC shall recommend the grant of environmental clearance to the competent authority.

4. Every application shall be placed before the EAC /SEAC and its appraisal completed within 60 days of its receipt with requisite documents / details in the prescribed manner.

5. The applicant shall be informed at least 15 (fifteen) days prior to the scheduled date of the EAC /SEAC meeting for considering the project proposal.

6. The minutes of the EAC /SEAC meeting shall be finalised within 5 working days of the meeting and displayed on the website of the concerned regulatory authority. In case the project or activity is recommended for grant of EC, then the minutes shall clearly list out the specific environmental safeguards and conditions. In case the recommendations are for rejection, the reasons for the same shall also be explicitly stated.

#### APPENDIX VI

(See paragraph 5)

#### COMPOSITION OF THE SECTOR/ PROJECT SPECIFIC EXPERT APPRAISAL COMMITTEE (EAC) FOR CATEGORY A PROJECTS AND THE STATE/UT LEVEL EXPERT APPRAISAL COMMITTEES (SEACs) FOR CATEGORY B PROJECTS TO BE CONSTITUTED BY THE CENTRAL GOVERNMENT

1. The Expert Appraisal Committees (EAC(s) and the State/UT Level Expert Appraisal Committees (SEACs) shall consist of only professionals and experts fulfilling the following eligibility criteria:

**Professional:** The person should have at least (i) 5 years of formal University training in the concerned discipline leading to a MA/MSc Degree, or (ii) in case of Engineering /Technology/Architecture disciplines, 4 years formal training in a professional training course together with prescribed practical training in the field leading to a B.Tech/B.E./B.Arch. Degree, or (iii) Other professional degree (e.g. Law) involving a total of 5 years of formal University training and prescribed practical training, or (iv) Prescribed apprenticeship/article ship and pass examinations conducted by the concerned professional association (e.g. Chartered Accountancy ),or (v) a University degree , followed by 2 years of formal training in a University or Service Academy (e.g. MBA/IAS/IFS). In selecting the individual professionals, experience gained by them in their respective fields will be taken note of.

**Expert:** A professional fulfilling the above eligibility criteria with at least 15 years of relevant experience in the field, or with an advanced degree (e.g. Ph.D.) in a concerned field and at least 10 years of relevant experience.

**Age:** Below 70 years. However, in the event of the non-availability of /paucity of experts in a given field, the maximum age of a member of the Expert Appraisal Committee may be allowed up to 75 years

2. The Members of the EAC shall be Experts with the requisite expertise and experience in the following fields /disciplines. In the event that persons fulfilling the criteria of "Experts" are not available, Professionals in the same field with sufficient experience may be considered:

- **Environment Quality Experts:** Experts in measurement/monitoring, analysis and interpretation of data in relation to environmental quality
- **Sectoral Experts in Project Management:** Experts in Project Management or Management of Process/Operations/Facilities in the relevant sectors.
- **Environmental Impact Assessment Process Experts:** Experts in conducting and carrying out Environmental Impact Assessments (EIAs) and preparation of Environmental Management Plans (EMPs) and other Management plans and who have wide expertise and knowledge of predictive techniques and tools used in the EIA process
- **Risk Assessment Experts**
- **Life Science Experts in floral and faunal management**
- **Forestry and Wildlife Experts**
- **Environmental Economics Expert with experience in project appraisal**

3. The Membership of the EAC shall not exceed 15 (fifteen) regular Members. However the Chairperson may co-opt an expert as a Member in a relevant field for a particular meeting of the Committee.

4. The Chairperson shall be an outstanding and experienced environmental policy expert or expert in management or public administration with wide experience in the relevant development sector.

5. The Chairperson shall nominate one of the Members as the Vice Chairperson who shall preside over the EAC in the absence of the Chairman /Chairperson.

6. A representative of the Ministry of Environment and Forests shall assist the Committee as its Secretary.

7. The maximum tenure of a Member, including Chairperson, shall be for 2 (two) terms of 3 (three) years each.

8. The Chairman / Members may not be removed prior to expiry of the tenure without cause and proper enquiry.



# भारत का राजपत्र

## The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 2116]

नई दिल्ली, मंगलवार, सितम्बर 10, 2013/भाद्र 19, 1935

No. 2116]

NEW DELHI, TUESDAY, SEPTEMBER 10, 2013/BHADRA 19, 1935

## पर्यावरण और वन मंत्रालय

## अधिसूचना

नई दिल्ली, 9 सितम्बर, 2013

**का.आ. 2731(अ).**—केन्द्रीय सरकार पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप-नियम (4) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उप-धारा (2) के खंड (5) और उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, उक्त नियम 5 के उपनियम (3) के खंड (क) के अधीन, लोक हित में सूचना की अपेक्षा से अभिमुक्ति देने के पश्चात, भारत सरकार की पर्यावरण और वन मंत्रालय में अधिसूचना संख्या का.आ. 1533 (अ) तारीख 14 सितम्बर, 2006 में निम्नलिखित और संशोधन करती है, अर्थात् :—

उक्त अधिसूचना में, अनुसूची में, मद 1(क) और उससे संबंधित प्रविष्टियों के स्थान पर निम्नलिखित मद और प्रविष्टियां रखी जाएंगी, अर्थात् :—

(1)	(2)	(3)	(4)	(5)
1	(i) खनिजों का खनन	गैर कोयला खनन पट्टा की बाबत $\geq 50$ हेक्टेयर खनन पट्टा क्षेत्र।  कोयला खान पट्टा के संबंध में $>150$ हेक्टेयर खनन पट्टा क्षेत्र	गौण खनिज खनन पट्टा के संबंध में $<50$ हेक्टेयर खनन पट्टा क्षेत्र; और  अन्य गैर कोयला खनन पट्टे के संबंध में $<50$ हेक्टेयर $\geq 5$ हेक्टेयर खनन पट्टा क्षेत्र।  कोयला खनन पट्टा के संबंध में $\leq 150$ हेक्टेयर $\geq 5$ हेक्टेयर खनन पट्टा क्षेत्र।	खनिजों के खनन के लिए पांच हेक्टेयर से कम खनन पट्टा क्षेत्र के लिए परियोजना या कार्यकलापों के सिवाय साधारण शर्तें लागू होंगी:  परंतु यह कि पूर्वोक्त अपवाद उस परियोजना या कार्यकलाप के लिए लागू नहीं होगा यदि उक्त परियोजना या कार्यकलाप के खनन पट्टा क्षेत्र और विद्यमान प्रचालन कर रही खानों और खनन परियोजनाओं जिन्हें पर्यावरणीय निकासी प्रदान की गई थी और जो ऐसी

(1)	(2)	(3)	(4)	(5)
	<p>(ii) राष्ट्रीय पार्कों या अभ्यारण्यों या मूंगा चट्टानों, पारिस्थितिकीय रूप से संवेदनशील क्षेत्रों से गुजरने वाली द्रव (कोयला, लिग्नाइट और अन्य अयस्क) पाइप लाइनें</p>	<p>खनन क्षेत्र पर विचार किए बिना एस्वेसटस खनन।</p> <p>सभी परियोजनाएं</p>		<p>परियोजना या कार्यकलाप की परिधि से पांच सौ मीटर के भीतर अवस्थित हैं, के क्षेत्र का कुल योग, पांच हेक्टेयर के बराबर या उससे अधिक हैं।</p> <p><b>टिप्पण:</b></p> <p>(i) खनन पट्टा के नवीकरण के स्तर पर पूर्व पर्यावरण निकासी अपेक्षित है जिसके नवीकरण के लिए नियत तारीख से दो वर्ष पूर्व आवेदन किया जाएगा। इसके अतिरिक्त 4 अप्रैल, 2011 के प्रभाव से उन सभी खनन पट्टों के लिए पर्यावरण निकासी अभिप्राप्त करने के लिए जो 4 अप्रैल, 2011 को अपेक्षित वैध पर्यावरणीय निकासी के साथ प्रचालन कर रहे थे और जो 4 नवंबर, 2011 के पश्चात् नवीकरण के लिए शोध्य हो गए हैं, के लिए दो वर्ष की अवधि का उपबंध किया गया है :</p> <p>परंतु यह कि किसी खनन परियोजना या कार्यकलाप के लिए, जिसने इस अधिसूचना के अधीन पहले ही पर्यावरणीय निकासी अभिप्राप्त कर ली है खनन पट्टे के नवीकरण के समय कोई नवीन पर्यावरण निकासी की अपेक्षा नहीं होगी।</p> <p>(ii) खनन पूर्वोक्षण को छूट प्रदान की गई है।”।</p>

[ फा. सं. जैड-11013/271/2012-आईए-II(एम)]

अजय त्यागी, संयुक्त सचिव

**टिप्पण :** मूल नियम भारत के राजपत्र असाधारण, भाग II, खंड 3, उप-खंड (ii) में अधिसूचना सं. का.आ. 1533(अ), तारीख 14 सितंबर, 2006 द्वारा प्रकाशित किए गए थे और तत्पश्चात् निम्नानुसार संशोधित किए गए : —

1. का.आ. 1733(अ), तारीख 11 अक्टूबर, 2007;
2. का.आ. 3067(अ), तारीख 1 दिसंबर, 2009;

3. का.आ. 695(अ), तारीख 4 अप्रैल, 2011;
4. का.आ. 2896 (अ), तारीख 13 दिसंबर, 2012; और
5. का.आ. 674(अ), तारीख 13 मार्च, 2013

**MINISTRY OF ENVIRONMENT AND FORESTS  
NOTIFICATION**

New Delhi, the 9<sup>th</sup> September, 2013

**S.O. 2731(E).**—In exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendment to the notification of the Government of India, in the Ministry of Environment and Forests number S.O. 1533(E), dated 14th September, 2006 after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of the said rule 5 in public interest, namely:—

In the said notification, in the Schedule, for item 1(a) and entries relating thereto, the following item and entries shall be substituted, namely:—

(1)	(2)	(3)	(4)	(5)
“1(a)	(i) Mining of minerals.	<p>≥50 ha of mining lease area in respect of non-coal mine lease.</p> <p>&gt;150 ha of mining lease area in respect of coal mine lease.</p> <p>Asbestos mining irrespective of mining area.</p>	<p>&lt;50 ha of mining lease area in respect of minor minerals mine lease; and</p> <p>≤ 50 ha ≥5 ha of mining lease area in respect of other non-coal mine lease.</p> <p>≤ 150 ha &gt;5 ha of mining lease area in respect of coal mine lease.</p>	<p>General Conditions shall apply except for project or activity of less than 5 ha of mining lease area for minor minerals:</p> <p>Provided that the above exception shall not apply for project or activity if the sum total of the mining lease area of the said project or activity and that of existing operating mines and mining projects which were accorded environment clearance and are located within 500 metres from the periphery of such project or activity equals or exceeds 5 ha.</p> <p><b>Note:</b></p> <p>(i) Prior environmental clearance is required at the stage of renewal of mine lease for which an application shall be made up to two years prior to the date due for renewal. Further, a period of two years with effect from the 4th April, 2011 is provided for obtaining environmental clearance for all those mine leases, which were operating as on the 4th April, 2011 with requisite valid environmental clearance and which have fallen due for renewal on or after 4th November, 2011:</p>
				<p>Provided that no fresh environmental clearance shall be required for a mining project or activity at the time of renewal of mining lease, which has already obtained</p>

	(ii) Slurry pipelines (coal lignite and other ores) passing through national parks or sanctuaries or coral reefs, ecologically sensitive areas.	All projects.		environmental clearance under this notification.  (ii) Mineral prospecting is exempted.”.
--	---	---------------	--	---

[No. Z-11013/271/2012-IA-II (M)]

AJAY TYAGI, Jt. Secy.

**Note:** The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide notification number S.O. 1533(E), dated the 14th September, 2006 and subsequently amended as follows:-

1. S.O. 1737 (E) dated the 11th October, 2007;
2. S.O. 3067 (E) dated the 1st December, 2009;
3. S. O. 695 (E) dated the 4th April, 2011;
4. S.O. 2896 (E) dated the 13th December, 2012; and
5. S.O. 674 (E) dated the 13th March, 2013.

**Court Matter/Time Bound****F. No. L-11011/175/2018-IA-II (M)**

Government of India  
Ministry of Environment, Forest & Climate Change  
Impact Assessment Division

\*\*\*

3<sup>rd</sup> Floor, Vayu Wing,  
Indira Paryavaran Bhawan,  
Jorbagh Road, Aliganj,  
New Delhi-110 003  
Email: [rb.lal@nic.in](mailto:rb.lal@nic.in)  
Phone/Fax: 011-24695362

**Dated: 12<sup>th</sup> December 2018**

**Office Memorandum**

**Sub: Order dated 04<sup>th</sup> September, 2018 & 13<sup>th</sup> September, 2018 passed by the Hon'ble National Green Tribunal, New Delhi in O.A. No. 173 of 2018 & O.A. No. 186 of 2016 in the matters titled "Sudarsan Das Vs State of West Bengal & Ors" & "Satendra Pandey Vs Ministry of Environment Forest & Climate Change & Anr." respectively- regarding**

This is with reference to the recent order of the Hon'ble NGT dated 04<sup>th</sup> September, 2018 in the matter titled *Sudarsan Das Vs State of West Bengal & Ors* & and order dated 13<sup>th</sup> September, 2018 in the matter *Satendra Pandey Vs Ministry of Environment Forest & Climate Change & Anr.* Copy of the orders are enclosed herewith for ready reference.

2. The Hon'ble NGT *vide* order dated 13<sup>th</sup> September, 2018 in O.A. No. 186 of 2016 (*Satendra Pandey Vs Ministry of Environment Forest & Climate Change & Anr*) has inter-alia directed as follows:-

*"(i) Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25 ha falling member Category B-2 at par with Category B-1 by SEAC/ SIEAA as well as for cluster situation wherever it is not provided;*

*(ii) Form-1M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of DEAC/DEIAA;*

*(iii) if a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance;*

*(iv) EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (supra) of the Guidelines for the purpose of recommendations 6, 7 and 8 thereof;*

*(v) revise the procedure to also incorporate procedure with respect*

*to annual rate of replenishment and timeframe for replenishment after mining closure in an area;*

*(vi) the MoEF&CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present Value of Ecological Services forgone because of illegal or unscientific mining."*

3. In view of the above, the undersigned is directed to forward the copy of the aforementioned orders for necessary compliance and inform the Ministry about the action taken. A copy of the same has been sent to the Chief Secretaries of all the states/UTs.

4. This issues with the approval of the Competent Authority.

Yours faithfully,

**Encl:** As above

  
**(Dr. R.B. Lal)**  
**Scientist 'E'**

**To,**

1. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), A-3, Prayauaraana Bhavan, Industrial Estate Sanath Nagar Moosapet, Hyderabad, 500018
2. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Andaman & Nicobar
3. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), 2nd floor, Beltron, Baldev Bhawan Rd, Shastri Nagar, Patna, Bihar- 800023
4. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Secretariat, Paryavas Bhawan, North Block Sector-19 Atal Nagar, Raipur(C.G.)- 490099
5. The Member Secretary, Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032.
6. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Department of Environment, Science and Technology, NH 22, SDA Complex, Kasumpti, Shimla, Himachal Pradesh 171009
7. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Vatavaran Bhawan, Nabha Road, Patiala-147001
8. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Jammu & Kashmir
9. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Madhya Pradesh
10. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Daman & Diu
11. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Uttar Pradesh.
12. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Ground Floor, Panagal Maligai, No.1 Jeenis Road, Saidapet, Chennai-600 015, Tamil Nadu

13. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Ambedkar Veedhi, Sampangi Rama Nagar, Bengaluru, Karnataka 560001
14. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Velakudi, Pallimukku, Kerala
15. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Telangana
16. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), III Floor, PHB Building, Anna Nagar, Puducherry-605005
17. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Poura Bhavan, Block 'FD'415-A, 4<sup>th</sup> Floor, Sector-III Salt Lake, Kolkata-700106
18. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Zoology Department, Sikkim Government College, Tadong Sikkim-737102
19. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Sylvan House, Lower Lachumiere, East Khasi Hills, Shillong - 793001
20. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Dhurwa Nursery Complex, Near Dhurwa Bus Stand, Ranchi, Jharkhand 834004
21. The Member Secretary, State Level Environment Impact Assessment Authority(SEIAA), Paryavaran Bhavan, Sector-10A, Gandhinagar - 382010 Gujarat

**Copy to:**

1. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore-560034
2. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Area Colony, Link Road-3, Ravishankar Nagar, Bhopal-462016
3. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar-751023
4. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (SEZ), 1<sup>st</sup> and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden, Road, Nungambakkam, Chennai-34
5. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (NZ), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh-160030
6. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (NCZ), Pearson Road, P.P. New Forest, Forest Research Institute (FRI) Campus Dehradun-248006
7. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (CZ), Kendriya Bhawan, 5<sup>th</sup> Floor Sector "H", Aliganj, Lucknow-226020

8. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440001
9. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (ECZ), Bungalow No. A-2, Shyamali Colony Ranchi-834002
10. Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (NEZ) Law-U-Sib, Lumbatngen, Near MTC Workshop, Shillong, Meghalaya-793021

  
**(Dr. R.B. Lal)**  
**Scientist 'E'**

olcoh

5. **Tenure:** The maximum tenure of expert members shall be for two terms of three years each.
6. The Expert Members may not be removed prior to expiry of the tenure without cause and proper enquiry.

**APPENDIX VIII**  
(See paragraph 6)  
**FORM 1 M**

**APPLICATION FOR MINING OF MINOR MINERALS UNDER CATEGORY 'B2' FOR LESS THAN AND EQUAL TO FIVE HECTARE**

**(II) Basic Information**

- (viii) Name of the Mining Lease site:  
(ix) Location / site (GPS Co-ordinates):  
(x) Size of the Mining Lease (Hectare):  
(xi) Capacity of Mining Lease (TPA):  
(xii) Period of Mining Lease:  
(xiii) Expected cost of the Project:  
(xiv) Contact Information:

**Environmental Sensitivity**

Sl. No.	Areas	Distance in kilometer / Details
1.	Distance of project site from nearest rail or road bridge over the concerned River, Rivulet, Nallah etc.	
2.	Distance from infrastructural facilities Railway line National Highway State Highway Major District Road Any Other Road Electric transmission line pole or tower Canal or check dam or reservoirs or lake or ponds In-take for drinking water pump house Intake for Irrigation canal pumps	
3.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	
4.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	
5.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	
6.	Inland, coastal, marine or underground waters	
7.	State, National boundaries	
8.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	
9.	Defence installations	
10.	Densely populated or built-up area, distance from nearest human habitation	
11.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	
12.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	
13.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	
14.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	

15.	Is proposed mining site located over or near fissure / fracture for ground water recharge	
16.	Whether the proposal involves approval or clearance under the following Regulations or Acts, namely:- (a) The Forest (Conservation) Act, 1980; (b) The Wildlife (Protection) Act, 1972; (c) The Coastal Regulation Zone Notification, 2011. If yes, details of the same and their status to be given.	
17.	Forest land involved (hectares)	
18.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders or directions of the Court, if any, and its relevance with the proposed project.	

(Signature of Project Proponent  
Along with name and address)

#### APPENDIX – IX

[See paragraph 7(i) (B)]

#### EXEMPTION OF CERTAIN CASES FROM REQUIREMENT OF ENVIRONMENTAL CLEARANCE

The following cases shall not require prior environmental clearance, namely:-

1. Extraction of ordinary clay or sand, manually, by the Kumhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their customs.
2. Extraction of ordinary clay or sand, manually, by earthen tile makers who prepare earthen tiles.
3. Removal of sand deposits on agricultural field after flood by farmers.
4. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
5. Community works like de-silting of village ponds or tanks, construction of village roads, ponds, bunds undertaken in Mahatama Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes, and community efforts.
6. Dredging and de-silting of dams, reservoirs, weirs, barrages, river, and canals for the purpose of their maintenance, upkeep and disaster management.
7. Traditional occupational work of sand by Vanjara and Oads in Gujarat *vide* notification number GU/90(16)/MCR-2189(68)/5-CHH, dated the 14<sup>th</sup> February, 1990 of the Government of Gujarat.
8. Digging of well for irrigation or drinking water.
9. Digging of foundation for buildings not requiring prior environmental clearance.
10. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nala, drain, water body, etc., to deal with any disaster or flood like situation upon orders of District Collector or District Magistrate.
11. Activities declared by State Government under legislations or rules as non-mining activity with concurrence of the Ministry of Environment, Forest and Climate Change, Government of India.

#### APPENDIX - X

[See paragraph 7 (iii) (a)]

#### PROCEDURE FOR PREPARATION OF DISTRICT SURVEY REPORT

The main objective of the preparation of District Survey Report (as per the Sustainable Sand Mining Guideline) is to ensure the following:

Identification of areas of aggradations or deposition where mining can be allowed; and identification of areas of erosion and proximity to infrastructural structures and installations where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining in that area.

The report shall have the following structure:

1. Introduction
2. Overview of Mining Activity in the District
3. The List of Mining Leases in the District with location, area and period of validity
4. Details of Royalty or Revenue received in last three years
5. Detail of Production of Sand or Bajari or minor mineral in last three years
6. Process of Deposition of Sediments in the rivers of the District
7. General Profile of the District
8. Land Utilization Pattern in the district: Forest, Agriculture, Horticulture, Mining etc.

F.No.22-1/2019-IA.III [E116917]

Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

\*\*\*\*\*

Indira Paryavaran Bhawan  
Aliganj, Jorbagh Road  
New Delhi- 110003

Dated: 15<sup>th</sup> December, 2021**OFFICE MEMORANDUM****Sub.: EC application form for B2 category projects – reg.**

The Ministry *vide* Notification dated 15<sup>th</sup> January 2016 amended the EIA Notification 2006 stating that projects regarding mining of minor minerals which fall under category B2 of the Notification shall apply through Form 1M provided in the appendix VIII of the Notification.

2. Further, the Ministry *vide* Office Memorandum dated 20<sup>th</sup> April 2018 directed that all project, other than projects covered under schedule 8 of the EIA Notification and mining of minor minerals upto five hectares, which are categorized as B2 shall apply for Environmental Clearance as per the provision of Form-2.

3. Subsequently, based on the direction of the Hon'ble National Green Tribunal (NGT) *vide* order dated 13<sup>th</sup> September, 2018 in O.A. No. 186 of 2016 (Satendra Pandey Vs Ministry of Environment Forest & Climate Change & Anr), use of Form-1M for accepting EC applications for minor minerals upto five hectares has been examined in the Ministry. The matter has also been discussed with various SEIAAs/SEACs.

4. Based on above, the Ministry hereby directs that, henceforth, for all Category "B2" projects [other than those covered in schedule 8 of the EIA Notification 2006], the project proponents shall apply in Form-2 on PARIVESH portal along with requisite documents. On selection of category as "B2", the fields in Form-2 which may not be relevant for such projects, [i.e., EIA Report etc.] shall automatically get disabled.

5. The Office Memorandum dated 20<sup>th</sup> April 2018 shall get modified to that extent.

6. This is issued with the approval of the competent authority.

  
(A K Agrawal)  
Director

To

1. Chairperson/Member Secretaries of all Expert Appraisal Committees
2. Chairperson/Member Secretaries of all SEIAAs/SEACs
3. All Officers of IA Division

Copy for information to:

1. PS to Minister for Environment, Forest and Climate Change
2. PS to MoS (EF&CC)
3. PPS to Secretary (EF&CC)
4. PPS to AS (RA)/JS(TK)/JS(SKB)
5. Website of MoEF&CC/Guard file



# **Enforcement & Monitoring Guidelines for Sand Mining**



**Ministry of Environment, Forest and Climate change**

**January, 2020**

### Table of Content

Sl. No.	Contents	Page
1	Introduction	02
2	Need for Policy Guidelines	04
3	Objective of Guidelines	09
4	Requirements for Monitoring & Enforcement	10
5	Replenishment Study	27
6	Enforcement Provisions	34
7	Recommendation of High Power Committee	41
8	General Approach for Sustainable Sand Mining	45
9	Monitoring Mechanism	48

### Table of Annexure

Annexure		Page
Annexure - I	Details of Sand/M-Sand Sources	64
Annexure - II	List of Potential Mining Leases (Expiring & Proposed)	65
Annexure - III	Cluster & Contiguous Cluster details	66
Annexure - IV	Transportation Routes for individual leases and leases in Cluster	67
Annexure - V	Final List of Potential Mining Leases (Existing & Proposed)	68
Annexure - VI	Final List of Cluster & Contiguous Cluster	69
Annexure - VII	Final Transportation Routes for individual leases and leases in Cluster	70
Annexure - VIII	Salient provision for sand mining in the state of Tamil Nadu	71

## 1.0 INTRODUCTION

The Ministry of Environment Forest & Climate Change formulated the Sustainable Sand Management Guidelines 2016 which focuses on the Management of Sand Mining in the Country. But in the recent past, it has been observed that apart from management and systematic mining practices there is an urgent need to have a guideline for effective enforcement of regulatory provision and their monitoring.

Section 23 C of MMDR, Act 1957 empowered the State Government to make rules for preventing illegal mining, transportation and storage of minerals. But in the recent past, it has been observed that there was large number of illegal mining cases in the Country and in some cases, many of the officers lost their lives while executing their duties for curbing illegal mining incidence. The illegal and uncontrolled illegal mining leads to loss of revenue to the State and degradation of the environment.

India is developing at a faster pace and much technological advancement has already been taken place in the surveillance and remote monitoring in the field of mining. Thus, it is prudent to utilize the technological advancement for the effective monitoring of the mining activities particularly sand mining in the country.

Use of latest remote surveillance and IT services helps in effective monitoring of the sand mining activity in-country and also assist the government in controlling the illegal mining activity in the country. Thus, there is a need for an effective policy for monitoring of sand mining in the Country which can be enforced on the ground. These guidelines focus on the effective monitoring of the sand mining since from the identification of sand mineral sources to its dispatch and end-use by consumers and the general public. Further, the effective monitoring and enforcement require efforts from not only Government agencies but also by consumers and the general public.

It is the responsibility of every citizen of India to protect the environment and effective monitoring can only be possible when all the stakeholders viz. Central Government, State Government, Leaseholders/Mine Owners, Distributors, Dealers, Transporters and Consumers (bulk & retail) will contribute towards sustainable mining, and comply with all the statutory provisions. It is felt necessary to identify the minimum requirements across all geographical region to have a uniform protocol for monitoring and enforcement of regulatory provision prescribed for sustainable sand and gravel mining.

This document will serve as a guideline for collection of critical information for enforcement of the regulatory provision(s) and also highlights the essential infrastructural requirements necessary for effective monitoring for Sustainable Sand Mining.

The document is prepared in consideration of various orders/directions issued by Hon'ble NGT in matters pertaining to illegal sand mining and also based on the reports submitted by expert committees and investigation teams.

Further, this document is supplemental to the existing "Sustainable Sand Mining Management Guideline-2016" (SSMG-2016), and these two guidelines viz. "Enforcement & Monitoring Guidelines for Sand Mining" (EMGSM-2020) and SSMG-2016 shall be read and implemented in sync with each other. In case, any ambiguity or variation between the provision of both these document arises, the provision made in "Enforcement & Monitoring Guidelines for Sand Mining-2020 "shall prevail.

## 2.0 NEED FOR POLICY GUIDELINES

The Ministry of Environment, Forest & Climate Change (MoEF&CC) published Environmental Impact Assessment Notification 1994 which is only applicable for the Major Minerals more than 5 ha. In order to cover the minor minerals also into the preview of EIA, the MoEF&CC issued EIA Notification 2006 for Major & Minor Mineral more than 5 Ha. The Hon'ble Supreme Court in its Judgment dated the 27th February 2012 in I.A. No.12- 13 of 2011 in Special Leave Petition (C) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc. made prior environment clearance mandatory for mining of minor minerals irrespective of the area of mining lease. In order to comply with the judgment of Hon'ble Supreme Court, the Ministry issued S.O.141 (E) dated 15.01.2016. Further, MoEF&CC published Sustainable Sand Mining Management Guidelines 2016 for scientific and sustainable sand mining in the Country. The recommendations for the management of sustainable sand extraction are the key objective of the Guidelines. Special emphasis is given on monitoring of the mined out material, which is key to the success of the environmental management plan. Use of IT and IT-enabled services for effective monitoring of the quantity of mined out material and transportation along with process re-engineering has been made a part of the Guidelines. Guidelines support the fundamental concept, promote environmental protection, limit negative physiological, hydrogeological and social impacts underpinning sustainable economic growth.

The Hon'ble NGT in its order dated 04.09.2018 in O.A. 173/2018 in the matter of Sudarsan Das vs. State of West Bengal & Ors. Inter-alia observed that ***"There can be no two views that an effective institutional monitoring mechanism is required not only at the stage when Environmental Clearance is granted but also at subsequent stages". "The guidelines focus on the preparation of District Survey Report and the Management Plan" ... We are of the view that all the safeguards which are suggested***

***in sustainable sand mining guidelines as well as notification dated 15.01.2016 ought to be scrupulously followed.” ...It is a known fact that in spite of the above-suggested guidelines being in existence, on the ground level, illegal mining is still going on. The existing mechanism has not been successful and effective in remedying the situation.” ...” Since there is an utter failure in the current monitoring mechanism followed by the State Boards, SEIAAs and DEIAAs, it is required to be revised for effective monitoring of sand and gravel mining and a dedicated monitoring mechanism be set up.”***

The Hon’ble NGT in its order dated 04.09.2018 in O.A. 173/2018 in the matter of Sudarsan Das vs. State of West Bengal & Ors. directed that ***MoEF&CC has issued directions from time to time under Section 3 and 5 of the Environment (Protection) Act, 1986. The MoEF&CC needs to revise its directions keeping in mind the following:***

- *Mining Surveillance System discussed in para 23 above be finalized in consultation with ISRO Hyderabad.*
- *Safeguards suggested in Sustainable Sand Mining Guidelines published by the MoEF&CC in the year 2016.*
- *Suggestions in the High Power Committee Report.*
- *The requirement of demarcation of boundaries being published in respect of different leases in the public domain.*
- *Need to issue SOP laying down mechanism to evaluate loss to the ecology and to recover the cost of restoration of such damage from the legal or illegal miners. Such evaluation must include the cost of mining material as well as the cost of ecological restoration and the net present value of future ecosystem services forgone.*
- *Need to set up a dedicated institutional mechanism for effective monitoring of sand and gravel mining which may also take care of mining done without any Environmental Clearance as well as mining done in violation of Environmental Clearance conditions.*

- *The Mining Department may make a provision for keeping apart at least 25% of the value of mined material for the restoration of the area affected by the mining and also for compensating the inhabitants affected by the mining.*
- *One of the conditions of every lease of mine or minerals would be that there will be independent environmental audit at least once in a year by reputed third party entity and report of such audit be placed in the public domain.*
- *In the course of such an environmental audit, a three-member committee of the local inhabitants will also be associated. Composition of three members committee may preferably include ex-servicemen, a former teacher and former civil servant. The Committee will be nominated by the District Magistrate.*

**The Hon'ble NGT in its order dated 05.09.2018 in O.A. 44/2016 in the matter of Mushtakeem Vs. MoEF & CC & Ors. Inter-alia observed the following:**

*"Para 20. In Original Application No. 481/2016, the allegation is that there is the connivance of the District Administration with the miners and mining is going in violation of conditions of Environmental Clearance. According to the applicant, an effective mechanism is required to be evolved so that illegal mining does not place."*

*"Para 22. We proceed to consider the main question proposed for the consideration stated earlier hereinabove as to **how to ensure the protection of the environment by checking illegal mining.**"*

*"Para 23. We have dealt with the identical issue relating to the illegal sand mining in the border districts in the State of West Bengal and Odisha in the order dated 04<sup>th</sup> September 2018 in Sudarsan Das Vs. State of West Bengal & Ors., Original Application No. 173 of 2018. We have directed the MoEF&CC to revise the guidelines on the subject for an effective mechanism for sand mining, relevant portions of which are reproduced below: -..."*

**The Hon'ble NGT in its order dated 10.09.2018 in O.A. 304/2015 in the matter of Jai Singh & Anr.Vs. Union of India Ors. inter-alia observed the following:**

*"Para 6. After disposal of the above matters, a disturbing event widely reported in media which took place on 07th September 2018 has been brought to our notice. **A Deputy Ranger who tried to stop illegal mining was killed by mining mafia at Morena in the State of M.P.***

*"Para 7. The above disturbing event may also be kept in mind by the MoEF, while considering the issuance of revised guidelines in light of the judgment dated 05th September 2018 (Supra)."*

**The Hon'ble NGT in its order dated 05.04.2019 in O.A. 360/2015 in the matter of National Green Tribunal Bar Association & Anr.Vs. Union of India & Ors. inter-alia observed the following:**

*"The 2016 Guidelines need revision in the light of the report of High Powered Committee in September 2016, failure of Monitoring mechanism followed by State Boards, SEIAs, DEIAs and MSS system developed by Ministry of Mines & IBM with the assistance of BISAG and MAITY and other observations quoted in paras 12 to 15 above.*

*50. As noted earlier in paras 17, 23, 27, 31 and 35, States of West Bengal, Odisha, Gujarat, Karnataka, Maharashtra, Punjab, Haryana and Uttar*

*Pradesh are required to follow SSMG, 2016 as may be revised by MoEF&CC and even other States where illegal sand mining is taking place.*

***The States may review the monitoring mechanism in terms of several directions of the Tribunal and guidelines of MoEF&CC.***

*The international conservation concern regarding natural wealth is a universal demand. Article 51(a) subsection (G) of the constitution requires every citizen of India to protect and improve the natural environment including forest, lakes, rivers, wildlife and to have compassion for the living creature.*

*The Hon'ble Supreme Court in the case of M.C. Mehta Vs. Kamal Nath (1997) 1 SCC 388 held that under Article of Indian Constitution incorporates the "Public Trust Doctrine" and as such extents to the protection of all-natural resources which includes the protection of flora and fauna.*

*The Hon'ble Supreme Court in the case of Vellore Citizens Welfare Forum Vs. Union of India & Ors (1996) held that the precautionary principle is part of the Environmental Law in India. It further stated that onus of proof is on the actor of the developer/industrialize to show that its actions are environmentally benign."*

### **3.0 OBJECTIVE OF GUIDLINES**

- Identification and Quantification of Mineral Resource and its optimal utilization.
- To regulate the Sand & Gravel Mining in the Country since its identification to its final end-use by the consumers and the general public.
- Use of IT-enabled services & latest technologies for surveillance of the sand mining at each step.
- Reduction in demand & supply gaps.
- Setting up the procedure for replenishment study of Sand.
- Post Environmental Clearance Monitoring.
- Procedure for Environmental Audit.
- To control the instance of illegal mining.

#### 4.0 REQUIREMENTS FOR MONITORING & ENFORCEMENT

Sustainable Sand Mining Management Guidelines (SSMMG) 2016 and past experience suggest that the source of sand in India are through

- a) River (riverbed and flood plain),
- b) Lakes and reservoirs,
- c) Agricultural fields,
- d) Coastal / marine sand,
- e) Palaeo-channels and
- f) Manufactured Sand (M-Sand).

The SSMMG-2016 highlights the identification of the sand mining sources, replenishment of the River Bed Material (Sand, Boulder, Gravel, Cobble etc.), preparation of Districts Survey Report, and Standard Environmental Conditions suitable for sand mining projects.

The necessary requirements to comply with the direction of Hon'ble NGT and to facilitate effective monitoring and enforcement of regulatory provision for sand mining in the country are as follows:

- i) Identification of sand mining sources, its quantification and feasibility for mining considering various environmental (proximity of protected area, wetlands, creeks, forest etc.) and other factors such as important structures, places of archaeological importance, habitation, prohibited area etc.
- ii) The mining lease auctioned by State government as per their Minor Mineral Concession Rules are granted of Letter of Intent (LoI), but it has been observed that many of the sites are not suitable w.r.t environmental aspects. In most of the cases, the unplanned grant of mining lease leads to formation of cluster and/or contiguous cluster

of small mining leases which sometimes is difficult to regulate and monitor. In order to address such issues, more emphasis is required on the preparation of District Survey Report and its format for reporting,

- iii) Mining Plan is an important document to assist the mine owner to operate the mine in a scientific manner. States have their own format for preparation of mining plan and it is observed that recording of the initial level of mining lease at shorter interval say 25m X 25 m grid interval is not present.
- iv) There is no practice for regular replenishment study to ascertain the rate of depositing, plan and section needs to be prepared based on the restrictions provided in letter of intent and provisions of Sustainable Sand Mining Management Guidelines 2016.
- v) Environmental Clearance is a process wherein the regulatory authorities after considering the potential environment impact of mining clearance is granted with a set of specific & standard conditions to carry out mining operations, but often it is observed that letter of intent is granted for a location which has less potential for mining and not feasible for environment-friendly mining. This leads to an unnecessary financial burden on the mine owners and litigations. Thus, LoI should be preferably granted for those locations which have the least possibility of an impact on the environment and nearby habitation.
- vi) It is the responsibility of the mine owner to obtain all the statutory clearance and comply with the conditions stipulated in the clearance letter. Mining should be carried out within the mining lease area as per

approved mining plan or mining plan concurred by other regulatory authorities.

- vii) Mining operation also involves transportation of mineral from the mining area to end-user and its necessary that movement of the mineral needs to be monitored.

The State Government already have power under section 23c of MMDR, Act 1957 to make rules for preventing illegal mining, transportation and storage of minerals. However, there are instances of illegal mining which shows that there is a need for strengthening the system of mineral dispatch and its monitoring. This document provides good practices already under implementation by various states for regulating the mineral sale, dispatch, storage, transportation and use.

- viii) The river reaches with sand provide the resource and thus it is necessary to ascertain the rate of replenishment of the mineral. Regular replenishment study needs to be carried out to keep a balance between deposition and extraction. This document provides the procedure to be followed for conducting replenishment study.
- ix) Even after all the regulatory procedure and policy being in place, there are instances where illegal mining is taking place. There is a need for regular surveillance of the sand mining reaches. The monitoring agencies can monitor the sites remotely by using Unmanned Artificial Vehicles (UAVs)/Drone which is now a viable option. The drone can also be used for reserves estimation, quantity estimation, land use monitoring. This document highlights possible use of IT/Satellite/Drone technology for effective monitoring of sand mining.

## **4.1 Identification of possible sand mining sources and preparation of District Survey Report (DSR)**

### **4.1.1 Preparation of District Survey Report.**

“Sustainable Sand Mining Guidelines, 2016” issued by MoEF&CC requires preparation of District Survey Report (DSR), which is an important initial step before grant of mining lease/Lol. The guidelines emphasize detailed procedure to be followed for the purpose of identification of areas of aggradation/ deposition where mining can be allowed and identification of areas of erosion and proximity to infrastructural structures and installation where mining should be prohibited. Calculation of annual rate of replenishment, allowing time for replenishment after mining, identification of ways of scientific and systematic mining; identifying measures for protection of environment and ecology and determining measures for protection of bank erosion, benchmark (BM) with respect to mean Sea Level (MSL) should be made essential in mining channel reaches (MCR) below which no mining shall be allowed.

**The Hon’ble NGT in its Judgment dated 08.12.2017 in the matter of Anjani Kumar vs State of Uttar Pradesh & Ors. inter-alia mentioned the following regarding sand mining in the Uttar Pradesh.**

*“It states that the main object of preparation of District Survey Report is to ensure identification of areas of aggradation/deposition where mining can be allowed and identification of areas of erosion and proximity to infrastructural structures and installation where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining area. Thus, the environmental protection requires a strictly regulated mining in terms of area, quantity as well as most importantly replenishment thereof.”*

*"The data collection and declared for preparation of DSR shall take precedence over other data and would form the foundation for providing mining lease in terms of Appendix- x to the Notification dated 15th January 2016 must be prepared by the statutory authority stated therein i.e. DEIAA prior to awarding of permits for carrying on mining activity in any part of the State of UP."*

**The Hon'ble High Court of Jharkhand at Ranchi in its orders dated the 11<sup>th</sup> April 2018 and 19th June 2018 in W.P. (PIL) No. 1806 of 2015, in the matter of Court on its Own Motion Versus the State of Jharkhand & Others with W.P. (PIL) No. 290 of 2013, in the matter of Hemant Kumar Shilkarwar Versus the State of Jharkhand & Others, has inter-alia directed** the preparation of District Survey Report for minor minerals other than Sand and Bajri or delegation of the powers for preparation of format of District Survey Report of minor minerals other than sand and Bajri to the State Government and/or District Environment Impact Assessment Authority and District Expert Appraisal Committee. To comply with the direction of Hon'ble High Court the Ministry has issued S.O. 3611(E) dated 25.07.2018, wherein, the procedure of preparation of DSR is mentioned. But it is felt that still there is other information that needs to be reported in DSR to make it a comprehensive DSR.

Therefore, preparation of District Survey Report is a very important step and sustainable sand mining in any part of the country will depends on the quality of District Survey Report.

Considering the importance of district survey report, the Ministry of Environment Forest and climate change, after consultation with experts dealing with mining-related matters, formulated the following guidelines for the preparation of comprehensive District Survey Report for sand mining.

- a) District Survey Report for sand mining shall be prepared before the auction/e-auction/grant of the mining lease/Letter of Intent (LoI) by Mining department or department dealing the mining activity in respective states.
- b) The first step is to develop the inventory of the River Bed Material and Other sand sources in the District. In order to make the inventory of River Bed Material, a detailed survey of the district needs to be carried out, to identify the source of River Bed Material and alternative source of sand (M-Sand). The source will include rivers, de-siltation of reservoir/dams, Patta lands/Khatedari Land, M-sand etc.

The revenue department of Kerala already conducted river mapping and sand auditing of around 20 rivers of Kerala which is a good example wherein the profile of rivers was created at regular intervals and aggradation/deposition was identified along with water level. In the same study, benchmarks were also created at a prominent location at regular interval for future surveying. Such study helps the mining departments to identify the source of sand.

Thus, it is proposed that for preparation of district survey report, the auditing of rivers needs to be carried out. There is already a provision under MMDR Act 2015 for National Mineral Exploration Trust (MET) wherein a 2% of royalty amount to be deposited in the trust. This fund is used for mineral exploration in the country. The Sand Auditing is also a sort of identification of mineral and State Government may request Central Govt. for proving funds for river auditing. The Central Govt. (Ministry of Mines) may also explore the possibilities for providing the funds for river auditing. The other option is that State Govt. may conduct such studies by its own fund and the same may be recovered from the leaseholders to whom the mining lease will be allocated.

- c) District Survey Report is to be prepared in such a way that it not only identifies the mineral-bearing area but also define the mining and no mining zones considering various environmental and social factors.
- d) Identification of the source of Sand & M-Sand. The sources may be from Rivers, Lakes, Ponds, Dams, De-silting locations, Patta land/Khtedari lands. The details in case of Rivers such as [name, length of river, type (Perennial or Non-Perennial ), Villages, Tehsil, District], in case of Lakes, Ponds, Dams, De-silting locations [Name, owned/maintained by (State Govt./PSU), area, Villages, Tehsil, District] in case of Patta land/Khtedari lands [ Owner Name, Sy No, Area, Agricultural/Non-Agricultural, Villages, Tehsil, District], in case of M-Sand Plant [Owner Name, Sy No, Area, Quantity/Annum, Villages, Tehsil, District], needs to be recorded as per format given in **Annexure-I**.
- e) Defining the sources of Sand/M-Sand in the district is the next step for identification of the potential area of deposition/aggradation wherein mining lease could be granted. Detailed survey needs to be carried out for quantification of minerals. The purpose of mining in the river bed is for channelization of rivers so as to avoid the possibility of flooding and to maintain the flow of the rivers. For this, the entire river stretch needs to be surveyed and original ground level (OGL) to be recorded and area of aggradation/deposition needs to be ascertained by comparing the level difference between the outside riverbed OGL and water level. Once the area of aggradation/deposition are identified, then the quantity of River Bed Material available needs to be calculated. The next step is channelization of the river bed and for this central  $\frac{3}{4}$ <sup>th</sup> part of the river, width needs to be identified on a map. Out of the  $\frac{3}{4}$ <sup>th</sup> part area, where there is a deposition/aggradation of the material needs to be identified. The remaining  $\frac{1}{4}$ <sup>th</sup> area needs to be kept as no mining zone for the

protection of banks. The specific gravity of the material also needs to be ascertained by analyzing the sample from a NABL accredited lab. Thus, the quantity of material available in metric ton needs to be calculated for mining and no mining zone.

**Note:** As physical survey with conventional method is time-consuming, use of unmanned aerial vehicle (UAV) may be explored to carry out the survey and finalizing the original ground level and for developing a 3D model of the area.

- f) The permanent boundary pillars need to be erected after identification of an area of aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundary pillars on each side of the bank shall not be more than 100 meters.
- g) Identifying the mining and no mining zone shall follow with defining the area of sensitivity by ascertaining the distance of the mining area from the protected area, forest, bridges, important structures, habitation etc. and based on the sensitivity the area needs to be defined in sensitive and non-sensitive area.
- h) Demand and supply of the Riverbed Material through market survey needs to be carried out. In addition to this future demand for the next 5 years also needs to be considered.
- i) It is suggested that as far as possible the sensitive areas should be avoided for mining, unless local safety condition arises. Such deviation shall be temporary & shall not be a permanent feature.
- j) The final area selected for the mining should be then divided into mining lease as per the requirement of State Government. It is suggested the mining lease area should be so selected as to cover the entire deposition area. Dividing a large area of deposition/aggradation into smaller

mining leases should be avoided as it leads to loss of mineral and indirectly promote illegal mining.

- k) Cluster situation shall be examined. A cluster is formed when one mining lease of homogenous mineral is within 500 meters of the other mining lease. In order to reduce the cluster formation mining lease size should be defined in such a way that distance between any two clusters preferably should not be less than 2.5 Km. Mining lease should be defined in such a way that the total area of the mining leases in a cluster should not be more than 10 Ha.
- l) The number of a contiguous cluster needs to be ascertained. Contiguous cluster is formed when one cluster is at a distance of 2.5 Km from the other cluster.
- m) The mining outside the riverbed on Patta land/Khatedari land be granted when there is possibility of replenishment of material. In case, there is no replenishment then mining lease shall only be granted when there is no riverbed mining possibility within 5 KM of the Patta land/Khatedari land. For government projects, mining could be allowed on Patta land/Khatedari land but the mining should only be done by the Government agency and material should not be used for sale in the open market. Cluster situation as mentioned in para k above is also applicable for the mining in Patta land/Khatedari land.
- n) The State Government should define the transportation route from the mining lease considering the maximum production from the mines as at this stage the size of mining leases, their location, the quantity of mineral that can be mined safely etc. is available with the State Government. It is suggested that the transportation route should be selected in such a way that the movement of trucks/tippers/tractors from the villages having habitation should be avoided. The transportation route so

selected should be verified by the State Government for its carrying capacity.

- o) Potential site for mining having its impact on the forest, protected area, habitation, bridges etc, shall be avoided. For this, a sub-divisional committee may be formed which after the site visit shall decide its suitability for mining. The list of mining lease after the recommendation of the Committee needs to be defined in the following format given in as **Annexure-II**. The Sub-Divisional Committee after the site visit shall make a recommendation on the site for its suitability of mining and also records the reason for selecting the mining lease in the Patta land. The details regarding cluster and contiguous cluster needs to be provided as in **Annexure-III**. The details of the transportation need to be provided as in **Annexure IV**.
- p) **Public consultation**-The Comments of the various stakeholders may be sought on the list of mining lease to be auctioned. The State Government shall give an advertisement in the local and national newspaper for seeking comments of the general public on the list of mining lease included in the DSR. The DSR should be placed in the public domain for at least one month from the date of publication of the advertisement for obtaining comments of the general public. The comments so received shall be placed before the sub-divisional committee for active consideration. The final list of sand mining areas [leases to be granted on riverbed & Patta land/Khatedari land, de-siltation location (ponds/lakes/dams), M-Sand Plants (alternate source of sand)] after the public hearing needs to be defined in the final DSR in the format as per **Annexure-V**. The details regarding cluster and contiguous cluster needs to be provided in **Annexure-VI**. The details of the transportation need to be provided in **Annexure-VII**.

## **4.2 Grant of Letter of Intent to those mining leases which are falling in potential mining zone**

The State Government shall issue letter of intent as per procedure laid down in their Minor Mineral Concession Rules with due consideration of final district survey report. The State Government shall ensure that all the letter of intent shall have complete details of the mining lease including geo-coordinate of the corner points, the involvement of forest land, distance from the forest land, distance from the protected area, distance from other sites of archaeological importance, details of the cluster situation etc. The demarcation of the boundaries of Lol/Lease area shall be placed in public domain along with Lol/lease deed details.

The LOI should not be granted for mining area falling on both riverbed and outside riverbed. Therefore, in the same lease, both types of area should not be included.

The authority responsible for grant of lease for sand mining shall ensure that annual audit of the sand mining process, production and compliance of the imposed conditions by regulatory authority (Environmental clearance or mine plan) shall be one of the essential condition of the lease agreement. The annual audit report shall be submitted to the district administration, which shall be put in public domain through the district website. Any deviation observed shall be appropriately and in accordance with applicable law shall be dealt by the concerned authority and corrective measures shall also be taken to restoration of ecological/environmental damage, if observed.

### 4.3 Mining Plan

The preparation of Mining Plan is also very important. The mining plan should include the original ground level recorded at an interval not more than 10M x 10M along & across the length of the river. In addition to this-levels, outside the mining lease and bank of the river up to meters needs to be recorded. In the mining plan, there should be 3 plates for each year production & development planning (pre-monsoon, monsoon and post-monsoon). The time period of monsoon should be defined in the DSR. At the time of review of the mining plan, the details of the replenishment study conducted for all the years needs to be included in the mining plan. The Mining Plan should include the certificate from PCCF on forest land, distance from the protected area, past production details for mining leases seeking expansion.

#### **Following considerations shall be kept in mind for sand/gravel mining while approving mining plan**

- a) Parts of the river reach that experience deposition or aggradation shall be identified. The Leaseholder/ Environmental Clearance holder may be allowed to extract the sand and gravel deposit in these locations to manage aggradation problem.
- b) The distance between sites for sand and gravel mining shall depend on the replenishment rate of the river. Sediment rating curve for the potential sites shall be developed and checked against the extracted volumes of sand and gravel.
- c) Sand and gravel may be extracted across the entire active channel during the dry season.

- d) Abandoned stream channels on the terrace and inactive floodplains be preferred rather than active channels and their deltas and flood plains. The stream should not be diverted to form the inactive channel.
- e) Layers of sand and gravel which could be removed from the river bed shall depend on the width of the river and replenishment rate of the river.
- f) Sand and gravel shall not be allowed to be extracted where erosion may occur, such as at the concave bank.
- g) Segments of the braided river system should be used preferably falling within the lateral migration area of the river regime that enhances the feasibility of sediment replenishment.
- h) Sand and gravel shall not be extracted up to a distance of 1 kilometre (1 km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
- i) The sediment sampling should include the bed material and bed material load before, during and after the extraction period. Develop a sediment rating curve at the upstream end of the potential reach using the surveyed cross-section. Using the historical or gauged flow rating curve, determine the suitable period of high flow that can replenish the extracted volume. Calculate the extraction volume based on the sediment rating curve and high flow period after determining the allowable mining depth.

- j) Sand and gravel could be extracted from the downstream of the sand bar at river bends. Retaining the upstream one to two-thirds of the bar and riparian vegetation is accepted as a method to promote channel stability.
- k) The flood discharge capacity of the river could be maintained in areas where there is a significant flood hazard to existing structures or infrastructure. Sand and gravel mining may be allowed to maintain the natural flow capacity based on surveyed cross-section history. Alternatively, off-channel or floodplain extraction is recommended to allow rivers to replenish the quantity taken out during mining.
- l) The Piedmont Zone (Bhabhar area) particularly in the Himalayan foothills, where riverbed material is mined, this sandy-gravelly track constitutes excellent conduits and holds the greater potential for groundwater recharge. Mining in such areas should be preferred in locations selected away from the channel bank stretches.
- m) Mining depth should be restricted to 3 meters and distance from the bank should be  $\frac{1}{4}$ <sup>th</sup> or river width and should not be less than 7.5 meters.
- n) The borrow area should preferably be located on the riverside of the proposed embankment because they get silted in the course of time. For low embankment, less than 6 m in height, borrow area should not be selected within 25 m from the toe/heel of the embankment. In the case of the higher embankment, the distance should not be less than 50 m. In order to obviate the development of flow parallels to the embankment, crossbars of width eight times the depth of borrow pits spaced 50 to 60 meter center-to-center should be left in the borrow pits.

- o) Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
- p) A buffer distance /un-mined block of 50 meters after every block of 1000 meters over which mining is undertaken or at such distance as may be the directed/prescribed by the regulatory authority shall be maintained.
- q) A buffer distance /unmined block of 50 meters after every block of 1000 meters over which mining is undertaken or at such distance as may be the directed/prescribed by the regulatory authority shall be maintained.
- r) River bed sand mining shall be restricted within the central 3/4th width of the river/rivulet or 7.5 meters (inward) from river banks but up to 10% of the width of the river, as the case may be and decided by regulatory authority while granting environmental clearance in consultation with irrigation department. Regulating authority while regulating the zone of river bed mining shall ensure that the objective to minimize the effects of riverbank erosion and consequential channel migration are achieved to the extent possible. In general, the area for removal of minerals shall not exceed 60% of the mine lease area, and any deviation or relaxation in this regard shall be adequately supported by the scientific report.
- s) Mining Plan for the mining leases(non-government) on agricultural fields/Patta land shall only be approved if there is a possibility of replenishment of the mineral or when there is no riverbed mining possibility within 5 KM of the Patta land/Khatedari land. For government projects mining could be allowed on Patta land/Khatedari land but the mining should only be done by the Government agency and material should not be used for sale in the open market.

The minerals reserve for river bed area is calculated on the basis of maximum depth of 3 meters and margins, width and other dimensions as mentioned in para (s) above. The area multiplied by depth gives the volume and volume multiplied with bulk density gives the quantity in Metric Ton. In case of river bed, mineable material per hectare area available for actual mining shall not exceed the maximum quantity of 60,000 MT per annum.

#### **4.4 Obtaining Environmental & Other Statutory Clearance**

The LOI Holder/Lease Holder to obtain Environmental and Other Statutory Clearances from the concerned authorities as per provision of applicable laws.

#### **4.5 Baseline data before Commencement of Mining Operations**

Baseline data in respect of the initial level of mining lease in the interval not more than 25 X 25 meters shall be collected for record by leaseholder. The level of river bed upstream and downstream up to 100 meters also needs to be recorded. The area outside the mining lease/river bank (if lease boundary coincides with mining lease) up to 100 meters from both the banks/mining lease needs to surveyed for initial level.

#### **4.6 Additional measures where project proponent is selected by a bidding**

In those states where sand plots are auctioned to the highest bidder, the following is suggested:

It has been observed that bidders try to form a cartel and bids are received for certain plots where legal mining is done, and bids for certain other plots don't elicit any response. Sand from these un-

auctioned plots is then excavated using the same machinery deployed for the excavation of adjacent plot which might have been auctioned off. It is not easily possible for the field machinery to prevent such illegal activities. This may be prevented by having plot of larger size. plots are large in size as possible are identified for auction. Care may be taken to ensure that no continuous stretch of plot in the river bed is divided for auction. A continuous stretch of plot shall be preferred for auction, and the attempt may not be made to auction it off in pieces.

## **5.0 REPLENISHMENT STUDY**

The need for replenishment study for river bed sand is required in order to nullify the adverse impacts arising due to excessing sand extraction. Mining within or near riverbed has a direct impact on the stream's physical characteristics, such as channel geometry, bed elevation, substratum composition and stability, in-stream roughness of the bed, flow velocity, discharge capacity, sediment transport capacity, turbidity, temperature etc. Alteration or modification of the above attributes may cause an impact on the ecological equilibrium of the riverine regime, disturbance in channel configuration and flow-paths. This may also cause an adverse impact on in-stream biota and riparian habitats. It is assumed that the riparian habitat disturbance is minimum if the replenishment is equal to excavation for a given stretch. Therefore, to minimize the adverse impact arising out of sand mining in a given river stretch, it is imperative to have a study of replenishment of material during the defined period.

### **5.1 Generic Structure of Replenishment Study**

Initially replenishment study requires four surveys. The first survey needs to be carried out in the month of April for recording the level of mining lease before the monsoon. The second survey is at the time of closing of mines for monsoon season. This survey will provide the quantity of the material excavated before the offset of monsoon. The third survey needs to be carried out after the monsoon to know the quantum of material deposited/replenished in the mining lease. The fourth survey at the end of March to know the quantity of material excavated during the financial year. For the subsequent years, there will be a requirement of only three surveys. The results of year-wise surveys help the state government to establish the replenishment rate of the river. Based on the replenishment rate future auction may be planned.

The replenishment period may vary on nature of the channel and season of deposition arising due to variation in the flow. Such period and season may vary on the geographical and precipitation characteristic of the region and requires to be defined by the local agencies preferable with the help of the Central Water Commission and Indian Meteorological Department. The excavation will, therefore, be limited to estimated replenishment estimated with consideration of other regulatory provisions.

## **5.2 Methodology for Replenishment Study**

The replenishment estimation is based on a theoretical empirical formula with the estimation of bedload transport comprising of analytical models to calculate the replenishment estimation. The iso-pluvial maps of IMD can be used for estimation of rainfall. Catchment yield is computed using different standard empirical formulas relevant to the geographical and channel attributes. eg. Strange's Monsoon runoff curves for runoff coefficient). Peak flood discharge for the study area can be calculated by using Dickens, Jarvis and Rational formula at 25, 50 and 100 years return period. The estimation of bed load transport using Ackers and White Equation or similar can be made. A simulation model is used with basic data generated from the field in the pre-study and post-study period (preferably pre-monsoon and post-monsoon) to estimate the volume of replenished material. The particle size distribution and bulk density of the deposited material are required to be assessed from a NABL recognized laboratory. Considering the bulk density and the volume, the estimation of replenishment in weight will be calculated after considering safeguards and stability of the slopes and riverine regime. Some of the common methods used for field data acquisition for replenishment study

### 5.2.1. Physical survey of the field by the conventional method

- i. The conventional survey technical using DGPS and other survey tools are used to define the topography, contours and offsets of the lease area. The survey should clearly depict the important attributes of the stretch of the river and its nearby important civil and other feature of importance. Such information will provide the eligible spatial area for mining. The contour and the elevation benchmarks will provide the baseline data for assessing the pre and post-study period scenario.
- ii. Physical benchmarks are to be fixed at appropriate intervals (preferable 1 in 30 m) and the Reduced Level (RL) shall be validated from a nearby standard RL. These RL should be engraved on a steel plate (Bench Plate) and shall be fixed and placed at locations which are free from any damages and are available in pre and post-study period. The bench plates shall be available for use during the mining period as reference for all mining activity. Reference pillar may also be used in place of Bench Plates with visible and readable demarcation on the ground as common reference points to control the topographic survey and mining activity.
- iii. Baseline data on elevation status for a grid of 10 m x 10 m is preferred to have accuracy in the assessment. It is expected that two consecutive cross-sections in longitudinal and lateral direction should not be more than 10-meter distance apart, however, the regulatory authority may fix these intervals depending on the geographical and site-specific conditions, only and after providing the scientific reason for such deviation.
- iv. The changes observed in the elevation in pre and post scenario at each node should be depicted in graphical forms with an appropriate scale to estimate the area of deposition and erosion. These graphical

presentations should depict the active channel regime and the flow bed elevation with other important features required to be considered for estimation of the mining area. The area of deposition and erosion shall be calculated for each cross-section after giving due regard to the stability and safety of active channel banks, and other features of importance. The elevation level shall be in reference to the nearest bench-plates established for the purpose.

- v The levels (MSL & RL) of the corner point of each grid should be identifiable and safety barriers (Non-Mining) demarcated as restricted in consensus with Mineral Concession Rules of respective State, and the provision mentioned in this Sustainable Sand Mining Management Guidelines.
- vi A clear identification is required to be highlighted between grids under mineable and grids under the non-mineable area. These baseline data (pre and post) be subjected to stimulation with the help of data mine software to derive at the replenishment area and corresponding volume and estimated weight.
- vii The database should be structured in a tabulated form clearly depicting the nomenclature of the section lines, latitude and longitude of the starting point, chain-age and respective levels of all the points taken on that section line.
- viii Net area shall be derived after the summation of the area of deposition minus area of erosion for each cross-section. The volume will be estimated by multiplying the distance between two cross-sections with the average of net area of these two consecutive cross-sections.
- ix One sample per 900 square meters (30 m x 30 m) shall be preferred sample density for assessment of bulk density for estimation of deposition rate. Care should be taken that the sample for assessment

of bulk density is taken from the deposition zone and not from erosion. However, depending on the site condition, river morphology and geographical condition, sample density may be adjusted. Reason for such deviation shall be appropriately highlighted in the report with supporting scientific data.

### **5.2.2. Use of UAV/Drone and other image data processing techniques**

With the development in image data processing tools and its accuracy acceptability, Drone/UAV fitted with the advance camera are used for survey purposes. Such technology has promising potential in the survey of sand mining zones due to its fast and reliable output deliveries. The survey is conducted using a set of instruments and compatible software to utilized the properly referenced data for depicting the topography of the study area. Instrument calibration and software compatibility and its validation with the ground data are an essential requirement for using this technique.

The details of the instruments their limitation and software used shall be demonstrated in the form of the accuracy assessment report, through a chapter in the replenishment study report. Other details to be incorporated in the report with regard to the study using such imaginary techniques shall highlight the followings:

- a) **Flight Planning:** - The lease co-ordinates and the flight plan devised to capture the front and side overlap percentages for in each flight in reference to global coordinates (Kml or SHP file) system. The software used for the purpose and its details along with limitations with basic analytical assumptions.
- b) **Block file generation:** - This operation concerns the selection of the sensor model and the definition of block properties, the addition of

imagery to the block file, marking of GCPs, generation of tie points and refining of the model.

- c) **Interior orientation:** - The interior orientation of the stereo pair rational polynomial coefficients (RPC) used, which should be bundled with the scenes. RPCs are coefficient, which is used by photogrammetric software to represent the ground to-image viewing geometry.
- d) **Exterior orientation:** For exterior orientation, ground control points shall be used, which are collected from the DGPS survey.
- e) **Aero Triangulation:** - A critical phase in photogrammetric mapping is to rectify the satellite imagery at an appropriate tract on the surface of the earth. This is accomplished by collecting horizontal and vertical data [GCP's] to ascertain the spatial location of a number of features that are visible and measurable on the aerial images – this process is often called control bridging, which refers to passing horizontal and vertical information from one aerial image to the next.
- f) **Ortho Generation:** - After running the above steps; the software shall automatically generate orthorectified imagery.
- g) **DTM extraction:** For extraction of DTM, Generated point cloud data classified manually to extract bare earth.

### 5.2.3 Accuracy Assessment of Aerial Data:

To check the accuracy of DTM generated by Aerial data, few points are selected and compared with on-site by using DGPS instrument for the ground-truthing purpose. It is preferred to do ground-truthing at minimum 5 locations spread evenly across the lease area. The readings from the DGPS instrument are then compared with the Drone data for accuracy assessment

purpose. A comparative chart will be prepared in comparison of Data related to ground-truthing (by DGPS) and from Drone. Such accuracy assessment report shall a chapter of the replenishment study.

#### **5.2.4 Replenishment study shall have the details of**

- List of instruments
- List of software
- Establishment of Benchmark by putting No. of pillar points and various Ground Control Points (GCP) at the site.
- Ground Control Points (GCP) Collection: - Various GCPs were observed by using DGPS for Permanent Benchmarks and for control points.
- The summary of the elevation data from each section's profile based on the post-monsoon the survey should have mentioned in the table form.
- The detail of post-monsoon survey data in the tabular form shall be
- The detailed comparison of both pre-monsoon and post-monsoon elevation data shall be attached
- Cross-sectional depiction of deposition and erosion for each section in pre and post-deposition season shall be given supported by relevant field study data and plan.

## **6.0 ENFORCEMENT**

### **6.1 Mining Operation:**

The mining operations should be strictly carried out in accordance with the approved mining plan and after complying with all the conditions stipulated in Environmental & Other Statutory Clearance. Mine owner shall follow the operational procedure (for sale, dispatch, storage, reserve reconciliation and transportation) as may be defined by the concerned state government in its monitoring guidelines. Mine owner should comply with the recommendation and suggestion made by the High Power Committee as applicable.

### **6.2 Post Environment Cleanace Monitoring:**

It's the responsibility of the EC Holder to comply with the Environmental Clearance conditions and upload the six-monthly EC compliance report on the website of the Ministry. For the category, 'A' mines (>100 Ha individual & cluster) Regional Office of the MoEF&CC are entrusted to carry out EC Monitoring and for the Category 'B' Mines by SEIAA. The monitoring shall be carried out as per the procedure/schedule suggested by MoEF&CC from time to time. MOEF&CC vide its notification S.O. 637(E) dated 28.02.2014 has delegated the power to State/Union Territory Environmental Impact Assessment Authority to issue show cause notice to project proponent in case of violation of Conditions of Environmental Clearance issued by the said authority and to issue direction for keeping the said EC in abeyance or withdrawing it. Thus, for category 'B' (0 to 100 Ha) projects SEIAAs are responsible for EC monitoring.

### **6.3 Environment Audit:**

The Hon'ble NGT in its order dated 04.09.2018 in O.A. 173/2018 in the matter of Sudarsan Das vs. State of West Bengal & Ors. Inter-alia directed

*that "One of the conditions of every lease of mine or minerals would be that there will be independent environmental audit at least once in a year by reputed third party entity and report of such audit be placed in the public domain. In the course of such an environmental audit, a three-member committee of the local inhabitants will also be associated. Composition of three member's committee may preferably include ex-servicemen, a former teacher and former civil servant. The Committee will be nominated by the District Magistrate.*

The gazette notification on environmental audit has been issued by the Ministry of Environment and Forests on March 13, 1992 (amended vide notification GSR 386 (E) dated April 22, 1993). This notification applies to every person carrying on an industry, operation or process requiring consent to operate under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981), or both, or authorization under the Hazardous Waste (Management and Handling) Rules, 1989, issued under the Environment (Protection) Act, 1986 (29 of 1986). The notification requires that an Environmental Statement for the financial year ending the 31st March be submitted to the concerned State Pollution Control Board, on or before the 30th September of the same year.

It is suggested that NABET Accredited consultant may be engaged for Environment Audit and during the course of the audit, a three-member committee nominated by District Magistrate shall be associated.

## 6.4 Monitoring of Sale & Purchase of Sand:

**6.4.1** In order to curb illegal mining it is very necessary that the general public is aware of the legal source of sand and RBM suppliers. The Ministry of Mines issued **Sand Mining Framework 2018** wherein it has proposed two mechanisms for the online sale of sand depending on whether there is a free market for sand in the State or the prices are regulated by the Government.

### **Para 1.2.12.2 Under the market model**

*In the case of the market model, all the lessees/ certified dealers in the State should register themselves on the online portal/ mobile app. For registering, the lessee/ certified dealer will have to enter the details of its concession/ stockyard, location, the quantity of sand expected on a weekly basis, as per the approved mining plan. Once registered, the online portal/ app will display the name of the reach/ stockyard and sand could be booked by the consumer from those leases/ stockyards and prices up to the delivery level. Further, the lessee/ certified dealer needs to regularly update the sand available in the reach/ stockyard, and they can decide the price at which they want to sell their sand. Anyone who wishes to purchase sand in the State will have the following options for buying:*

1. Mobile app
2. Online portal
3. Customer care/ telephone call
4. Licensed traders

*The consumer needs to register on the portal and log in using his/her credentials (Aadhar card based only). After logging in, the portal will display the entire list of reaches/ stockyards along with the quantity of sand available in those reaches/ stockyards and the quality and price of*

*sand. The consumer can filter/ sort the reaches/ stockyards based on such parameters as location, quality and price, and book from the lease/ stockyard he/she wishes to. The consumer should also have the option to purchase the sand by ordering at customer care. Also, stockyards should be made around all the major consumption hubs in the State based on their estimated demand.*

**Para 1.2.12.3    Controlled market prices**

*In case the prices are regulated by the State Government, the only difference from the previous model is that the price of sand at the river reach/ stockyard shall be uniform across the State/ district based on the quality and transportation lead. A consumer after logging in may choose the reach/ stockyard from which he/she wishes to purchase the sand. The payment for booking the sand in both the cases should be made on the portal/ app so that proper accounting of the sale of sand can be maintained by the Government. Also, stockyards should be made around all the major consumption hubs in the State based on their estimated demand.*

It is suggested that the State Government should develop an online portal for sale and purchase of Sand & RBM. In addition to this State Government shall decide on the model viz. *Under market model or Controlled market prices or both* to be adopted for their respective States. The State Government shall accordingly modify their Minor Mineral Concession Rules within 6 months of publication of these guidelines. It is suggested that the controlled price model is more effective in controlling illegal sand mining. Because if the State Government is the only agency to provide the sand in the State, then price and supply of sand can be controlled more effectively. There will be no confusion in the consumers about legality of the purchase as the only source of sand provider is the State Government through its network of registered stockiest, retailers and transporters. The consumers

can fill the online request, pay the amount, select the transporter and give its feedback after the receipt of the sand. The transportation can also be controlled as the tippers used for transportation is registered tippers with GPS facility, the transportation route is well defined for easy monitoring, control over overloading of tippers, control over spillage of mineral etc. The State Govt. shall also make provision for penalizing the persons/agency buying the sand and RBM from the illegal sources.

**6.4.2** The Ministry of Mines in its Sand Mining Framework also mentioned the following different level of monitoring:

**Para 1.2.13.1                      Level 1- Reach/ Stockyard level monitoring**

*For monitoring of the active reaches:*

- a. *Quantity of sand to be extracted from the reach should be based on the quantity of sand assessed in the reach by the Joint Inspection Team.*
- b. *The lease boundary should be demarcated with geo-coordinates or geo-fenced to ensure that sand extraction is going on only within the permitted area.*
- c. *De-casting from river beds should be monitored on a regular basis to keep a track of excavated quantity.*
- d. *After every two years, a mandatory audit of the quantity extracted and quantity permitted along with the replenishment rate.*
- e. *Mandatory e-pass/ e-permit should be made available at reach level for transportation of any sand by any GPS enabled vehicle with the provision of entering the vehicle number of the sand carrying vehicle and expected delivery address and customer name/ mobile number. Also, provision should be made available for stockyards/ stockiest of sand. In the case of*

*nomination based (controlled pricing) business model, the margin of private stockist should be capped over a fixed percentage of notified prices.*

- f. At the stockyard, the stock supervisor should verify the authenticity of online payment receipt before issuing the transit pass. The loading of sand should be monitored electronically and all transporting vehicles should pass through an electronically monitored weighbridge. g. Real-time data capture for transportation*

**Para 1.2.13.2                      Level 2 - Transportation monitoring**

*To make transportation monitoring effective and useful, all the sand carrying vehicles (tractors/ trucks) should be registered with the department and GPS equipment should be installed in all the sand carrying vehicles. Weighbridges with CCTV should be installed at all the stockyards, active reaches to ascertain the exact quantity of sand being transported in the vehicle. Check posts with CCTV cameras should be established near all major consumption centres to check if all the transporting vehicles are carrying a valid transport permit. The transport permit generated should contain the security features mentioned under section 5.11 so that one permit cannot be re-used by generating photocopies of the permit.*

**Para 1.2.13.3                      Level 3 - End consumer monitoring/ bulk consumer**

*For end consumer monitoring, a customer grievance redressal center should be established to enquire about the grievances faced by the sand consumers. The telephone number of the call center should be advertised so that it reaches the general public through which anyone in the State can register his/her complain related to the sand, be it in terms of price or any other grievance. Additionally, profiles of customers should be analyzed such as the delivery of sand at the same address, usage pattern and its comparison with the estimated usage, as mentioned in purpose, etc. Further, surprise checking*

*should be conducted by the district level committee staff as per instructions of the monitoring agency.*

**Para 1.2.13.4                      Level 4 - Indirect monitoring**

*Indirect monitoring can be done by determining sand consumption through the quantum of cement sales in the State, as the sale of cement is quite organized and data is easily available at the State level and district levels for the same. From district-wise cement consumption, the further trend of sand consumption can be derived. Any anomalies in the sand consumption/demand can be analyzed further.*

**Note:** *The above monitoring mechanism is just a suggestion and the States may visit Andhra Pradesh and Telangana to study the monitoring mechanism in greater detail.*

It is suggested that State Government may consult with concern department of State of Telangana and Tamil Nadu to have better understanding on their experience and knowledge in adopting best sand mining enforcement provisions and monitoring practices and frame their own regulatory regime and monitoring framework. The framework of monitoring should essential include online sale & purchase of River Bed Material/ Auction of leases, Sand from rivers and other sources, online monitoring of excavation, storage and transportation of mineral for control of illegal mining.

The respective State Governments shall develop the online Sale & Purchase System after defining the model viz. Under market model or Controlled market prices model. The level of monitoring needs to be defined and guidelines need to be finalized by the respective State Governments as per their requirement with due consideration of suggestive guideline in this document. These all measure will help in curbing illegal mining.

## **7.0 Recommendations of High Power Committee:**

A high power committee (HPC) was constituted by Hon'ble National Green Tribunal to assess the status of illegal mining the stretch of River Yamuna, under the chairmanship of Secretary, Ministry of Environment Forest & Climate Change. The committee after exhaustive field survey and interaction with stakeholders and having surprise visits submitted a comprehensive report on river sand mining along with certain recommendations on enforcement requirements and monitoring essentials. The same is provided in the following section for consideration of monitoring / regulatory authority to adopt applicable provisions in their monitoring framework and also to ensure that the infrastructural requirements recommended by the HPC are put in use at all locations including the lease area.

### **7.1 Recommendations of High Power Committee (HPC)**

The following recommendation of the High Power Committee shall be considered while framing the monitoring mechanism by the State Government.

- i.* Project Proponent must ensure that following security features are included in the Transport Permission/Permits (TP) so that duplicate/fraudulent/forged TPs for transport, not accounted for in the IT-based system, is not possible.:
  - (a) Printed on Indian Bank Association (IBA) approved
  - (b) Magnetic Ink Character Recognition Code (MICR) paper;
  - (c) Unique Barcode;
  - (d) Unique Quick Response Code (QR);
  - (e) Fugitive Ink Background;
  - (f) Invisible Ink Mark;
  - (g) Void Pantograph;
  - (h) Watermark.

- ii. Project Proponent must ensure that CCTV camera, Personal Computer (PC) or laptop, Internet Connection, Power Back up, access control of mine lease site; and arrangement for weight or approximation of weight of mined out mineral on basis of volume of the trailer of vehicle used at mine lease site are available.
- iii. The PP has to enter the destination, distance between plot and destination, vehicle number etc in the system. After scanning, unique bar code number, invoice date time and validity date-time are generated by the software which gets printed individually on each TP. Validity of TP is calculated based on the distance between plot and destination. After validity time is over the TP stands invalid.
- iv. The officers involved in monitoring should be provided with mobile application and/or bar code scanners using which the TP can be checked anywhere on road. As soon as the bar or QR code on TP gets scanned through using the mobile application and/or scanner or vehicle number is entered into the application or sent by SMS to a predefined number, all details of TP such as plot details, vehicle details, validity time, etc. should be fetched from the server. This means if anything is re-written on TP and attempt is made to reuse the same, it can be traced immediately. Various reports can be generated using the system showing daily lifting reports and user performance report. This way the vehicles carrying sand can be tracked from source to destination.
- v. The facility to fetch details using mobile app, website and SMS may be made available to the general public as well. However, they shall not be allowed to stop the vehicles to check the transportation. The only option that they should have is to check vehicle numbers of the passing vehicle in the mobile app or SMS for the validity of the pass. The only result that should be available to them should be if the vehicle carrying sand has a

valid permit at the relevant point of time or not. If the citizen finds that the vehicle doesn't have such a permit, as ascertained from mobile app or website or SMS, he should alert local authorities, who shall then take further action as per the law.

- vi. In case, the vehicle break-down, the validity of Transport Permit or Receipt shall be extended by sending SMS by the driver in specific format to report the breakdown of the vehicle. The server will register this information and register the breakdown. The State can also establish a call center, which can register breakdowns of such vehicles and extend the validity period. The subsequent restart of the vehicle also should be similarly reported to the server/call center.
- vii. The route of the vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and Global Positioning System (GPS) tracking.
- viii. The system shall enable the Authorities to develop a periodic report on different parameters like daily lifting report, vehicle log/ history, lifting against allocation, and total lifting. The system can be used to generate auto mails/SMS. This will enable the District Collector / Magistrate and other authorities to get all the relevant details and will enable the authority to block the scanning facility of any site found to be indulged in irregularity. Whenever any authority intercepts any vehicle transporting illegal sand, it shall get registered on the server and shall be mandatory for the officer to fill in the report on action taken. Every intercepted vehicle should be tracked.
- ix. It is necessary to prevent any truck/vehicle from transporting sand out of the identified plot bypassing the strong IT enabled system. Therefore, at each of the sand plot, the following additional measures should be taken.

- (a) There shall be one entry and exit point provided for trucks/vehicles. The said entry point should have facilities as mentioned above. In case, it is necessary to have more than one entry/exit points, all such points shall have checkpoints with facilities as mentioned above. All other possible ways of entry/exit should be closed using barriers like compound, trench, etc. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.
- (b) All such points should have 24X7 CCTV coverage, the footage of which should be made available online to the district administration. In cases, where sufficient internet bandwidth is not available, it may be deposited with the district administration on a weekly basis. If possible, the entry/exit points should have boom barriers which will record the vehicles entering and exiting the plot.

## **8.0 GENERAL APPROACH TO SUSTAINABLE SAND MINING**

### **8.1 Pre-requisite for starting sand mining operation**

- i)** All district to prepare a comprehensive mining plan for the district as per the provision of District Survey Report. These reports shall be put on the website of District Administration. No mining shall be allowed in the area which has not been identified in the comprehensive mining plan of the District.
- ii)** Replenishment study should be conducted on regular basis.
- iii)** All potential rivers mining zone/area shall be identified and put for auction with proper geo-tagged details by the auctioning authority concerned.
- iv)** The latitude and longitude of each mining lease shall be clearly mentioned in Letter of Intent issued to the potential mine lease. Such information shall be provided on the website of the district administration.
- v)** The provision of these guidelines shall be considered while identifying the potential stretches /locations and boundaries of the leases for the minable area.
- vi)** The Lol holder shall seek Environmental Clearance as per the provision of EIA Notification, and the regulatory authority shall ensure that the provision suggested in "Sustainable Sand Mining & Management 2016" and in this documents, as applicable are part of the clearance conditions.
- vii)** There shall be no river bed mining operation allowed in monsoon

period. The period as defined by IMD Nagpur for each state shall be adhered with.

- viii) The monitoring infrastructures including weighbridge and adequate fencing of the lease area, CCTV, Transport permits, etc, as suggested in this document shall be ensured in order to reduce unrecorded dispatch.
- ix) Regular monitoring of mined minerals and its transportation and storage shall be ensured and all information shall be captured at centralized database so that easy tracking of illegal material can be done.
- x) Annual audit of each mining lease shall be carried out wherein three independent member of repute, nominated by District administration shall also participate.

## **8.2 Mining of Sand from Agricultural Fields**

This practice is prevalent in Haryana; to ensure that mining from outside doesn't affect rivers, no mining is permitted in an area up to a width of 100 meters from the active edge of embankments or distance prescribed by Irrigation department whichever is critical. The top layer of soil varying between 1 and 2 meters is removed and stacked separately and thereafter the sand deposit which maybe 10-15 meter deep is mined. After removing the sand layer up to a maximum depth of 09 meters or the maximum mineable minerals, as permitted by competent authority. The topsoil stacked is spread out on the field and the same is brought under the cultivation. Though the level of this land (mined out area) is lowered to the depth of the excavation and in initial years of cultivation the productivity is low, but the productivity of the fields improves with continued cultivation and addition of organic manure in the field. In Haryana, some leases are of large area

(ranging from 1000 hectare to 2000 hectare) and agricultural fields and river bed both are included in the same lease for mining.

The following recommendations should be kept in mind for mining in such leases:

1. Mining of sand in such mine leases will require environment clearance.
2. The lease should be of sand mining either from the agricultural field or river. In the same lease, both types of area should not be included.
3. The sand mining from the agricultural field is being done in Haryana for a long time and it can be done in a more sustainable manner without adverse impact on agricultural productivity if proper environmental safeguards are taken.
4. The slope of mining area adjacent to agricultural fields should be proper (preferably 45 degree) and adequate gap (minimum 10 feet) be left from adjacent agricultural field to avoid erosion and scouring.

The provision for sand mining in agricultural field may be permitted, whenever replenishment of sand occurs due to natural phenomena.

Permission may also be granted by competent authority (District administration) for excavation of sand/Soil from agricultural fields, after due diligence of this prevailing condition in order to avoid any unacceptable impact on the environment and nearby livelihood from agriculture provided such objective of such excavation mining of Soil/Sand in limited increase the productivity of sand agricultural field.

## 9.0 MONITORING MECHANISM

### 9.1 Illegal Mining

The Hon'ble Supreme Court in its Judgment dated 2.08.2017 in W.P 114 of 2014 in the matter of Common Cause Vs Union of India & Ors, inter-alia passed the following:

Para 128. *The simple reason for not accepting this interpretation is that Rule 2(ii-a) of the MCR was inserted by a notification dated 26th July 2012 while we are concerned with an earlier period. That apart, as mentioned above, the holder of a mining lease is required to adhere to the terms of the mining scheme, the mining plan and the mining lease as well as the statutes such as the EPA, the FCA, the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981. If any mining operation is conducted in violation of any of these requirements, then that mining operation is illegal or unlawful. Any extraction of a mineral through an illegal or unlawful mining operation would become illegally or unlawfully extracted mineral."*

In view of above Judgement, any mining activities which are not governed under the provision of Environment (Protection) Act, 1985, The Water (Prevention & Control of Pollution Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981, Forest Conservation Act-1980, Wildlife Protection Act - 1972, shall be considered as illegal mining within the provision of section 21(5) of Mines and Minerals (Development & Regulation) Act, 1957 (MMDR Act) and the concerned authority shall take necessary action within the provision of MMDR Act.

As per the provision of 23(C) of MMDR Act, the State Government is empowered to make rules for preventing illegal mining, and transportation

& storage of Illegal minerals. All such mining which qualifies under illegal, shall be dealt with in the provision of MMDR Act by the concern authorities.

State Pollution Control Board (SPCB) is the nodal authority in the State for dealing with cases related to pollution or environment management coming under the purview of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 and the Environment Protection Act 1986. SPCB shall initiate appropriate action under the provision of these acts for non-compliance or violation of the provisions.

## **9.2 Environmental Damage due to illegal mining**

The environmental damages incurred or resulting due to illegal mining shall be assessed by a committee constituted by District Administration having expertise from relevant fields, and also having independent representation of locals and State Pollution Control Board. Guidelines for assessment of ecological damages prescribed by the State Government or Concerned Pollution Control Boards or any other authority shall be applicable and compensation as fixed shall be paid by the project proponent, in light of Hon'ble National Green Tribunal orders.

## **9.3 Monitoring of Mining near Inter-district or inter-state boundary**

There are situations where bifurcated river becomes district boundaries or state boundaries in such situation it is difficult to assess the mining potential, or to have close monitoring and enforcement of the regulatory provision. Such challenges have been identified and dealt with in SSMG-2016. However, in the absence of any standardized procedure, the monitoring has not been effectively practiced. This has been highlighted by the High Power Committee constituted by NGT in the matter pertaining to illegal mining.

The districts/state sharing the boundary shall constitute the combined task force for monitoring of mined materials, mining activity and also should actively participate in the preparation of DSR by providing appropriate inputs. In such cases, the draft DSR so prepared shall be put up for public consultation in both the districts through respective district administration website.

The task force shall meet every quarter to reconcile the data collected during the period and identify any gap/ lapses based on the outcome of such meeting. The respective district shall take action/ corrective measures. Effort shall be made for real-time data sharing between both the district.

The task –force shall include essentially the representative of respective districts from the mining department, transport department, regional office of SPCB concerned and a reputed citizen nominated by district administration. The Taskforce shall be headed by officer not less than ADM rank and quarterly outcome shall be submitted to District administration.

In addition to the above, there is a need for strict surveillance, particularly at night. The State of Gujarat has already initiated a program called '*Trinetra*' for night surveillance by using night-vision drones to control illegal mining incidents. This program is giving satisfactory results. Such type of system may also be developed by each State within a reasonable time.

A typical standard operating procedure for assessing illegal mining by the committee constituted shall, but not limited to, include the steps given in the following table. However, the process of assessing can be modified based on site-specific conditions and any deviation shall be recorded in the report with proper justification.

### Suggestive standard Practice for assessing illegal mining

Step 1	The assessment team should collect the information and documents prescribed in the Pre-Requisite section.
Step 2	The assessment team should verify the applicability/validity of statutes under EPA-1986, Air and Water Act, MMDR 1957, State Mines and Mineral Rules, etc.
Step 3	Field visit should be conducted for identification of mining lease area (in hectare) and boundary pillar constructed to indicate the same.
Step 4	With the help of GPS instrument, the team should assess the area where any extraction or mining have been carried out on the day of visit and calculate the mined-out area in a hectare.
Step 5	If available, the team may avail the use of latest satellite images for calculating the total mined out area.
Step 6	The team should verify the Ground / Surface Level (in meter above MSL) of at least 04 highest points in or around the area where mining has been done. The Ground/surface level will then be computed based on averaging of 04 highest points verified by the team.
Step 7	With the help of Depth Measurement kit or any depth measuring instruments, the depth should be measured for at least 04 points in the mined-out area. For computing, the depth, averaging of the value obtained at 04 points should be done.
Step 8	Verification of compliance conditions of Environmental Clearance and Consent to operate, mining methodology under Mining Plan
Step 9	Identification of vulnerable impacts observed on the field and non-compliance of conditions of Environmental Clearance and Consent to Operate.

Step 10	Field Survey for identification, monitoring and verification of ecological species based on the information available and documents mentioned in the Pre-requisite section.
Step 11	Preparation of inventory of machinery used/observed on the field (optional)
Step 12	Preparation of inventory of hydraulic structures observed on the field (optional)
Step 13	Water sampling for assessment of water quality including physical and biological parameters. (optional)
Step 14	Reconciliation collation of data/information and compilation to maintain violation.
Step 15	Identification of restoration plan and computation of cost of the restoration plan.

#### 9.4 Monitoring Mechanism

A uniform monitoring mechanism is required to assess the regulatory provision in quantitative terms, with robust institutional and legal framework. Based on past experience and suggestions available, the following requirements are suggested for defining a mechanism for monitoring of mining activities which will help in identification of mining which is operating either illegally or are violating the regulatory provisions. Some suggestion will facilitate direct or indirect information to help in such an assessment.

1. All precaution shall be taken to ensure that the water stream flows unhindered and process of Natural river meandering doesn't get affected due to mining activity.
2. River mining from outside shall not affect rivers, no mining shall be permitted in an area up to a width of 100 meters from the active edge of embankments or distance prescribed by the Irrigation department.

3. The mining from the area outside river bed shall be permitted subject to the condition that a safety margin of two meters (2 m) shall be maintained above the groundwater table while undertaking mining and no mining operation shall be permissible below this level unless specific permission is obtained from the Competent Authority. Further, the mining should not exceed nine-meter (9 m) at any point in time.
4. Survey shall be carried out for identifying the stretches having habitation of freshwater turtles or turtle nesting zones. Similarly, stretches shall be identified for other species of significant importance to the river ecosystem. Such stretch with adequate buffer distance shall be declared as no-mining zone and no mining shall be permitted. The regulatory authority as defined for granting Environmental Clearance, while considering the application of issuance of ToR and/or EC for the adjacent block (to non-mining zone) of mining shall take due precaution and impose requisite conditions to safeguard the interest of such species of importance.
5. District administration shall provide detailed information on its website about the sand mines in its district for public information, with an objective to extend all information in public domain so that the citizens are aware of the mining activities and can also report to the district administration on any deviation observed. Appropriate feedback and its redressal mechanism shall also be made operational. The details shall include, but not limited to, lease area, geo-coordinates of lease area and mineable area, transport routes, permitted capacity, regulatory conditions for operation including mining, environmental and social commitments etc.

6. A website needs to be maintain to track the movement of centralised sand mining and a Centralised server system should be made to manage the data related to sand mining across India.
7. The mineral concession holders shall maintain electronic weighbridges at the appropriate location identified by the district mining officer, in order to ensure that all mined minerals from that particular mine are accounted for before the material is dispatched from the mine. The weighing bridge shall have the provision of CCTV camera and all dispatch from the mine shall be accounted for.
8. The mineral movement shall be monitored and controlled through the use of transit permit with security features like printing on IBA approved MICR papers, Unique bar/QR, fugitive ink background, invisible ink mark, void pantographs and watermarks papers or through use of RFID tagged transit permits and IT /IT-enabled services. Such monitoring system shall be created and made operationalised by State Mining department and district level mining officer shall be responsible for ensuring that all legal and operational mines are connected and providing the requisite information on the system. Regular check and associated report shall be submitted to DLTF and uploaded on the website.
9. State Government shall constitute a District Level Task Force (DLTF) under the Chairmanship of Deputy Commissioner/District Magistrate/Collector with Superintendents of Police and other related senior functionaries (District Forest Officer, District transport officer, Regional officer- SPCBs, Senior Officer of Irrigation Department, District Mining Officer) with one/two independent member nominated by the Commissioner concerned. The independent member shall be retired government officials/teacher or ex-serviceman or ex-judiciary member.

The DLTF shall keep regular watch over the mining activities and movement of minerals in the district. The DLTF shall have its regular meeting, preferably every month to reconcile the information from the mining activity, and other observations made during the month and take appropriate corrective and remedial action, which may include a recommendation for revoking mining lease or environmental clearance. The DLTF may constitute an independent committee of the expert to assess the environmental or ecological damage caused due to illegal mining and recommend recovery of environmental compensation from the miner's concern. The recommendation may also include action under the provision of E(P) Act, 1986.

10. The area not identified for mining due to restriction or otherwise are also to be monitored on a regular basis by the DLTF. Any observations of mining activity from the restricted area shall be reported and corrective measures shall be initiated on an urgent basis by the DLTF.
11. The dispatch routes shall be defined in the Environmental Clearance and shall be avoided through densely habituated area and the increase in the number of vehicle movement on the road shall be in agreement with the IRC guidelines / carrying capacity of the road. The alternate and dedicated route shall be explored and preferred for movement of mining to avoid inconvenience to the local habitat. The mining production capacity, by volume/weight, shall be governed by total permissible dispatch calculated based on the carrying capacity of dispatch link roads and accordingly, the production should be regulated.
12. The movement of minerals shall be reconciled with the data collected from the mines and various Naka/check posts. Other measures may also include a general survey of the potential mineable area in the district

which has not been leased/auctioned or permitted for mining due to regulatory or other reasons.

13. The location and number of check post requirement shall be reviewed by DLTF on a regular basis so that appropriate changes in location/number could be made as per the requirement. Such review shall be carried out on a regular basis for the district on inter-state boundary or district providing multiple passages between two districts of different states.
14. The district administration shall compile the information from their district of the permitted and legal mined out minerals and other details and share such information and intelligence with the officials of the adjoining district (Inter or/and Intra State) for reconciliation. The information shall include the area of operation, permissible quantity, mined out minerals (production) the permitted route etc., and other observations, especially where the mine lease boundary is congruent with the district boundary. Such coordination meeting shall be held on a quarterly basis, alternatively in two district headquarters or any other site in two districts decided mutually by the District Magistrate.
15. The mining department shall include submission of an annual environmental audit report as one of the conditions in the mining lease agreement. The annual audit for each river bed mining lease shall be carried out and the audit report shall be uploaded on the website of district administration. The audit shall be carried out by an independent team of 3 members nominated by District Collector/Magistrate/Commissioner comprising of Ex-Serviceman, Ex-Government officials of repute, Professor or Person having experience of mining/environment. The guidelines and method of the audit shall reflect adequately the monitor-able parameters and output and reflect

the compliance status with respect to the conditions imposed by the regulatory authorities including conditions of Environmental clearance.

16. The in-situ and ex-situ environmental mitigative measures stipulated as EMP, CER, CSR and other environmental and safety conditions in mines including the welfare of labours shall properly reflect in the audit report.

## 9.5 Suggestive additional requirements are

### i. The requirement at the Mine Lease Site:

- a. Small Size Plot (Up to 5 hectares): Android Based Smart Phone.
- b. Large Size Plots (More than 5 hectares): CCTV camera, Personal Computer (PC), Internet Connection, Power Back up.
- c. Access control of mine lease site.
- d. Arrangement for weight or approximation of the weight of mined out mineral on the basis of the volume of the trailer of vehicle used.

### ii. Scanning of Transport Permit or Receipt and Uploading on Server:

- a. Website: Scanning of receipt on mining site can be done through barcode scanner and computer using the software;
- b. Android Application: Scanning on mining site can be done using Android Application using a smartphone. It will require internet availability on SIM card;
- c. SMS: Transport Permit or Receipt shall be uploaded on the server even by sending SMS through mobile. Once Transport Permit or Receipt get uploaded, a unique invoice code gets generated with its validity period.

### iii. Proposed working of the system:

The State Mining Department should print the Transport Permit or Receipt with security features and issue them to the mining leaseholder through the District Collector. Once these Transport Permits or Receipts are issued, they would be uploaded on the server against that mine lease area. Each receipt should be preferable with pre-fixed quantity, so the total quantity gets determined for the receipts issued. When the

Transport Permit or Receipt barcode gets scanned and invoice is generated, that particular barcode gets used and its validity time is recorded on the server. So all the details of transporting of mined out material can be captured on the server and the Transport Permit or Receipt cannot be reused.

**iv. Checking On Route:**

The staff deployed for the purpose of checking of vehicles carrying mined mineral should be in a position to check the validity of Transport Permit or Receipt by scanning them using the website, Android Application and SMS.

**v. Breakdown of Vehicle:**

In case the vehicle break-down, the validity of Transport Permit or Receipt shall be extended by sending SMS by the driver in specific format to report the breakdown of the vehicle. The server will register this information and register the breakdown. The State can also establish a call center, which can register breakdowns of such vehicles and extend the validity period. The subsequent restart of the vehicle also should be similarly reported to the server or call center.

**vi. Tracking of Vehicles:**

The route of the vehicle from source to destination can be tracked through the system using checkpoints, RFID Tags, and GPS tracking.

**vii. Alerts or Report Generation and Action Review:**

The system will enable the authorities to develop a periodic report on different parameters like daily lifting report, vehicle log or history, lifting against allocation, and total lifting. The system can be used to generate auto mails or SMS. This will enable the District Collector or District Magistrate to get all the relevant details and shall enable the authority to block the scanning facility of any site found to be indulged in irregularity. Whenever any authority intercepts any vehicle transporting illegal sand, it shall get registered on the server and shall be mandatory for the officer to fill in the report on action taken. Every intercepted vehicle shall be tracked.

The monitoring of mined out mineral, environmental clearance conditions and enforcement of Environment Management Plan will be ensured by the regulatory authority and the State Pollution Control Board or Committee. The monitoring arrangements envisaged above shall be put in place. The monitoring of enforcement of environmental clearance conditions shall be done by the Central Pollution Control Board, Ministry of Environment, Forest and Climate Change and the agency nominated by the Ministry for the purpose.

Some of the State has followed the SSMMG-2016 and has also improvised or customized on the provisions given therein, and are successfully in operation. Salient provision adopted at different stages of sand mining in the state of Tamil Nadu is given as **Annexure VIII**.

## 9.6 Actions against illegal excavation and transport

Solapur district administration in Maharashtra had adopted a multi-pronged strategy to penalize the persons involved in illegal excavation and transport which resulted in a significant increase in revenue earned by the state. Following rules and procedures as mentioned in these guidelines will add to the costs of PP. Those involved in illegal activities are not required to bear these costs and this will make their supply in the market cheaper (though illegal). This will put the players running their business by following rules and procedures laid down by the government to disadvantage as far as the selling price is considered. Therefore, it is necessary to come down heavily on those involved in illegal excavation/transport, so that there is no incentive for players to abide by the rules.

### **The following action may be taken to achieve this deterrence against illegal business:**

1. The action should be taken under all legal options available simultaneously. Thus, after identifying the case of illegal excavation, storage and/or transport of minor minerals (including sand), fine should be levied as per the land revenue laws/code(s) of the state. In addition, FIR should be lodged in the police station under relevant sections of law including sec 379 IPC. In addition, action under the Motor Vehicle Act, 1989 and relevant rules should initiate to cancel/suspend the driving license of the driver and permit of the vehicle. Further, action should be initiated under provisions in the Income Tax Act, 1961 for unaccounted income and under the Central Goods and Services Act, 2017 for non-payment of GST. (Earlier this was done under the state act pertaining to Value Added Tax/Sales Tax). Habitual offenders should also be taken up under local state laws for externment and/or preventive action. It is clarified that as per law, it is possible to take all actions under various laws

simultaneously for one offence. What is prohibited in law is an action under the same law for the same act more than once.

2. The action should be taken against all persons responsible. Often, there is a tendency to penalize only the drivers of the vehicles. The mafia of illegal mining and transport is much bigger and drivers are only one part of the system. It is necessary to identify all those involved in the offence. It is usually not possible to reach the place of excavation without creating a motorable pathway up to the same through land which may be private land. Such role of such landowners needs to be looked into for each offence and proceeded against simultaneously. Further, the role of vehicle owners needs to be probed. Role of the person who allowed his land to be used for illegal excavation and storage should also be examined. Lastly, the person who purchases such sand should also be probed. The legal proceedings stated above needs to be initiated against all of these together. An attempt should be made to fix the financial responsibility in joint and several ways so that recovery is easier.
3. There may be discretion available in law about the extent of the penalty to be levied. If such discretion is very wide, then it is advisable that guidelines may be laid down to reduce such discretion in law for levying penalties. For example, in Maharashtra, Land Revenue Code, fine of any amount of penalty up to thrice the value of the sand can be levied. Solapur district administration had instructed Tahsildars and SDMs not to use discretion and levy the fine of three times the value. Availability of discretion makes junior level functionaries susceptible to pressures and it may also lead to corrupt practices.
4. It is emphasized that actions, as stated above, are most important to ensure that the IT-based system works. If these exemplary actions are not taken against everyone, it shall create a strong disincentive to those

involved in legal excavation and transportation. For IT-based (or any other) legal system to work, it is necessary to ensure that illegal system stops working altogether.

## Annexure-I

### Details of Sand/M-Sand Sources

#### a) Rivers:

River Name/M-Sand Plant	Total Stretch of River (in KM)	Type of River (Perennial or Non-Perennial )

#### b) De-Siltation Location: (Lakes/Ponds/Dams etc.)

Name of Reservoir/Dams	Maintain/Controlled by State Govt./PSU etc.	Location	District	Tehsil	Village	Size(Ha)

#### c) Patta Lands/Khatedari Land:

Owner	Sy. No	Area (Ha)	District	Tehsil	Village	Agricultural Land (Yes/No)

#### d) M-Sand Plants:

Plant Name	Owner	District	Tehsil	Village	Geo-location	Quantity Tonnes/Annum

**Note:** For inclusion of M-Sand Plant/Patta Land in DSR the plant/landowners need to submit the request to the Mining Department with complete details. Inclusion in DSR does not give them the right to operate the M-Sand Plant/Sand Mining lease.

**Annexure-II****List of Potential Mining Leases (existing & proposed)****Rivers**

River Details	Lease Details	Area (in Ha)	Distance (in KM) from PA/BR/WC/	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in Tonnes /Annum considering digging depth max as 3 meters	Mineral to be mined (Sand/ Bajri/ RBM etc.)	Existing / Proposed

**Patta Lands/Khatedari Land: (existing & proposed)**

Owner	Sy. No	Area	District	Tehsil	Village	Total Reserve (MT)	Total Mineral to be mined (MT)	Existing /Proposed

**De-Siltation Location: (Lakes/Ponds/Dams etc.) (Existing & proposed)**

Name of Reservoir /Dams	Maintain /Controlled by State Govt./PSU etc.	Location	District	Tehsil	Village	Size (Ha)	Quantity MT / Year	Existing /Proposed

**M-Sand Plants :( existing & proposed)**

Plant Name	Owner	District	Tehsil	Village	Geo-location	Quantity Tonnes/Annum	Existing/Proposed

**Annexure-III****Cluster & Contiguous Cluster details****Clusters:**

River Name	Cluster No.	Lease No	Location (Riverbed / Patta Land)	Village	Area (in Ha)	Total Excavation (Ton)	Total Mineral Excavation (Ton)

**Contiguous Clusters:**

River Name	Contiguous Cluster No.	Cluster No	Number of leases in the cluster	Location (Riverbed / Patta Land)	Distance between clusters	Village	Area of Cluster ( Ha)	Total Mineral Excavation (Ton)

**Annexure-IV****Transportation Routes for individual leases and leases in Cluster**

Lease No	Transportation Route No	Number of tipper s /day of lease	Number of tipper s /day of all the lease on route	Length of Route in KM	Type of Road (Black Topped/ unpaved)	Recommendation for road (Black Topped/ unpaved)	The road will be Constructed by Govt/ Lease Owner	Route Map & Location

Cluster No	Transportation Route No	Number of tipper s /day of cluster	Number of tipper s /day of all the clusters on route	Length of Route in KM	Type of Road (Black Topped/ unpaved)	Recommendation for road (Black Topped/ unpaved)	The road will be Constructed by Govt/ Lease Owner	Route Map & Location

**Annexure-V****Final List of Potential Mining Leases (existing & proposed)****Rivers**

River Details	Lease Details	Area (in Ha)	Distance (in KM) from PA/BR/WC/	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in (MT/Yr) (Mine depth max as 3 m)	Mineral to be mined (Sand/Bajri/RBM etc.)	Existing /Proposed

**Patta Lands/Khatedari Land: (existing & proposed)**

Owner	Sy. No	Area	District	Tehsil	Village	Total Reserve (MT)	Total Mineral to be mined (MT)	Existing /Proposed

**De-Siltation Location: (Lakes/Ponds/Dams etc.) (Existing & proposed)**

Name of Reservoir/ Dams	Maintain/ Controlled by State Govt./PSU etc.	Location	Distt.	Tehsil	Village	Size(Ha)	Quantity MT/Year	Existing/ Proposed

**M-Sand Plants :( existing & proposed)**

Plant Name	Owner	District	Tehsil	Village	Geo-location	Quantity MT/Annum	Existing/Proposed

**Annexure-VI****Final List of Cluster & Contiguous Cluster****Clusters:**

River Name	Cluster No.	Lease No	Location (Riverbed / Patta Land)	Village	Area (in Ha)	Total Excavation (Ton)	Total Mineral Excavation (Ton)

**Contiguous Clusters:**

River Name	Contiguous Cluster No.	Cluster No	Number of leases in the cluster	Location (Riverbed /Patta Land)	Distance between clusters	Village	Area of Cluster (in Ha)	Total Mineral Excavation (Ton)

**Annexure-VII****Final Transportation Routes for individual leases and leases in Cluster**

Lease No	Transportation Route No	Number of tippers /day of lease	Number of tippers /day of all the lease on route	Length of Route in KM	Type of Road (Black Topped/unpaved)	Recommendation for road(Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location

Cluster No	Transportation Route No	Number of tippers /day of cluster	Number of tippers /day of all the clusters on route	Length of Route in KM	Type of Road (Black Topped/unpaved)	Recommendation for road(Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location

**Annexure VIII****Salient provision for sand mining in the state of Tamil Nadu****STEPS TO BE FOLLOWED BEFORE EXECUTION:**

- The state as a policy should endeavor to have single authority/agency responsible for all river sand mining in the state with an objective to ease the gap in demand and supply and accordingly, take necessary measures including planning, monitoring of mined material and its transport, and to curb illegal mining and sale of materials.
- The prospective site for sand quarry may be identified based on the availability of adequate sand deposits along the river beds, which hinders the free flow of water and results in flooding during monsoon seasons. Emphasis may be given to such quarry sites which is more viable for replenishment.
- A detailed study may be conducted by engaging expert from reputed Institutions to identify prospective sand reaches, assessment of the impact of sand quarrying on the Ground Water Table and water availability, conduct bore log details and study the social and environmental aspects. The generic requirement for replenishment study is to be followed.
- Once the site is identified for prospective sand quarry site based on the detailed replenishment study, the concerned department shall submit the proposal with the geo-tagged boundary of the proposed mining Precise Area Proposal to the District Collector for approval.
- A joint inspection may be carried out by the RDO/Sub-Collector, Assistant/Deputy Director,

- Executive Engineer, TWAD Board and the PWD officials to consider the various factors before giving consent to the proposal.
- The RDO concerned along with Revenue officials may verify the revenue records of the proposed sand quarrying area and give the NOC.
- The AD/DD Mines may verify the presence of permanent structures such as tower line, bridge, monuments if any, in the vicinity of the proposed mining site as per Tamil Nadu Minor Mineral Concession Rules, 1959 ( As per Rule 36 " there shall be no quarrying of sand in any river bed or adjoining area or any other area which is located within 500 meter radial distance from the location of any bridge, water supply system, infiltration well or pumping installation of any of the local bodies or Central or State Government Department or the Tamil Nadu Water Supply and Drainage Board head works or any area identified for locating water supply schemes by any of the above mentioned Government Department or other bodies" and " The distance of 50 meter shall be measured in the case of railway, reservoir or canal horizontally from the outer toe of the bank or the outer edge of the cutting, as the case may be .... "). Also, the availability of minerals may be cross verified with the available DSR.
- The TWAD officials may verify the drinking water schemes located nearby the proposed quarry site and the minimum distance required as per statutory norms.
- Based on the feasibility report of the joint inspection by the Revenue, Tamil Nadu Water Supply and Drainage Board and Mining officials/experts, the District Collector may give consent for the Precise Area proposal.

- After getting Precise Area approval, a detailed Mining Plan and sketch shall be prepared by the Executive Engineer, PWD using the services of a NABET accredited consultant who holds the pivotal role in the preparation of mining plan. Due responsibility will be expected on the concerned consultant in the mining plan preparation taking care of adhering to all mining rules, existing as on date. The mining plan shall contain the details of quantity to be excavated, the period of mining, method of excavation, deployment of required machinery, Environment Management Plan (EMP), proposed number of laborers to be deployed and Conceptual Mining Plan, as per Rule 41 of TNMMC Rules 1959. It is also the duty of the consultant to give the safe distance of 50 m or twice the bank height from the toe of the riverbank, whichever is higher and fixing the Geo coordinates for boundaries using DGPS instruments.
- The concerned Executive Engineer, PWD shall submit the Mining Plan prepared by the NABET accredited consultant to the concerned Assistant/Deputy Director, Department of Geology and Mines for approval, as per Rule 42 of TNMMC 1959. After scrutiny, the Assistant/Deputy Director, Department of Geology will present the Mining plan before the State Level Environment Impact Assessment Authority (SEIAA) for granting Environmental Clearance.
- The Executive Engineer, PWD shall prepare Form I and Pre-feasibility report with the help of the consultant and submit to SEIAA for an area less than 50 Ha. or to the Ministry of Environment and Forest and Climate Change (MoEF&CC) for the area more than 50 Ha.
- The State Expert Appraisal Committee (SEAC) under SEIAA, consisting of experts from renowned fields such as Mines, Environment, Sociology etc. shall conduct a site inspection of the proposed sand quarry site and after intense scrutiny, may recommend the proposal to SEIAA for approval.

- SEIAA shall grant Environmental Clearance for the sand quarry proposal after analyzing all the statutory provisions and based on the recommendation of the SEAC.
- The Environmental Clearance shall be informed to the public with basic details through advertisement in at least two widely circulated local newspapers with at least one in the vernacular language of the locality, within 7 days of the receipt of the clearance.
- On receipt of the Environmental Clearance, the Executive Engineer, PWD shall apply for Consent to Establish (CTE), from the Tamil Nadu Pollution Control Board as per the Air and Water Act, to enter upon the sand quarry site and commence the preliminary works such as construction of temporary sheds, bio-toilets, formation of biodegradable road using sugar cane leaves etc., drilling of bore wells etc. as per the statutory requirements. After all the preliminary works are completed, the Executive Engineer, PWD shall apply for the Consent to Operate (CTO) from the Tamil Nadu Pollution Control Board. Earmarking boundary of the identified land site through the concrete posts along with red flags need to be established.
- On receipt of the CTO, the Executive Engineer, PWD shall request the consent of the District Collector to commence the quarries. The District Collector shall request the Taluk Level Task Force comprising of Tahsildar, Inspector of Police, Officials from the Departments of Geology and Mining, Transport and Forest, Assistant Engineer, PWD and the Village Administrative Officer concerned, to verify the compliance of all preconditions mentioned in the Environmental Clearance and grant necessary permission to start the functioning of new sand quarries.

## II. STEPS TO BE FOLLOWED DURING EXECUTION:

- Before the commencement of mining operations, the depth of sand quarrying needs to be measured accurately using Advanced technology and new gadgets like Total Stations, Global Positioning System (GPS) instruments etc. The Total Station and GPS instruments also need to be calibrated before measurement. Both the traditional and modern techniques may be infused in the right blend to get an accurate measure of the depth. A clear contour map (0.25m interval) of the levels within 2Km (one Km U/s and one Km D/s) needs to be prepared and submitted to both the Project Director, Sand Quarrying Operations and all the Monitoring Committee members. The depth of sand quarrying shall be restricted to 1 m from the theoretical/design bed level.
- The mining area must be demarcated at a minimum distance of at least 50 m away from the river embankment on either side. The boundaries of the quarries may be fixed with reference to the existing survey marks from the survey fields adjacent to the river. Sand quarrying lease area shall be demarcated on the ground with pucca stone or concrete pillars to show the present natural bed level and the depth of mining allowed.
- Modern techniques such as drone survey may be adopted to assess the depth and quantity of the mined area. Boundary pillars shall be erected at an interval of 50 m each on all four sides of the sand quarry site with red flags on every pillar and also in site pillars. The levels of shoal height, river bed height and depth to be excavated up to one meter downwards shall be marked in the pillars to avoid any deviation from the approved depth of excavation.
- It shall be ensured that no sand quarrying of any type is undertaken within 50m of the distance mentioned in the proposal (whichever is higher)

from both the banks of the river to control and avoid erosion of river banks.

- Temporary access roads or Katcha roads shall be formed between the banks of the river and the mining area with locally available bio-degradable materials such as sugarcane waste (bagasse), hay, etc.
- Proper entry and exit point for the movement of loading vehicles in and out of the sand quarry site shall be carefully located taking into consideration the habitations/settlements in the area.
- To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months.
- Periodic Monitoring (at least four times in a year – pre-monsoon, Monsoon, Post monsoon and winter) once in each season shall be carried out by PWD and the data thus collected may be sent regularly to SEIAA/TNPCB. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out, which includes immediate stopping of mining.
- Similar to the Baseline studies for data on water, soil and air etc., that is being done before the sand quarrying operations, the air and water quality may be checked periodically by Tamil Nadu Pollution Control Board to ensure that no pollution is caused due to Sand Quarrying Operations. 10. Safety gadgets such as earplugs, goggles, respiratory

devices, luminescent vests etc. may be provided to the workers at the sand quarry site.

- First aid kit with all essentials shall be kept ready at all quarry/depot site, in case of any emergency.
- To prevent air pollution due to the dust during sand quarrying operations and safeguard the persons in the sand quarry and depot site, constant water sprinkling on the pathways and dust prone areas may be done. The sand loaded vehicles are to be covered with a tarpaulin before moving out of the quarries/depots.
- Suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facilities and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land, foreshore area of tank bund etc., near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private Patta land may be leased out and rent fixed as per the approved Government rates applicable therein.
- Permission must be obtained from the Electricity Board for power supply to operate the CCTV cameras at sand quarry site and depots.
- Minimum of two CCTV cameras, one each at the entry and exit point and one PTZ camera may be installed at all quarries/depots to monitor illegality if any taking place in the sand quarry/depot.
- To ensure uninterrupted seamless live streaming of videos from the surveillance cameras, a high-speed Internet Lease Line connection may

be made available at all quarries/depots. Arrangements may also be made for online monitoring of the sand quarrying, Centre for Assessing Real-Time Sand Mining (CARS) that could be located at the office of the Project Director in Chennai.

- The live streaming of the videos shall be monitored at a Centralised control room and the data shall be stored in the Server for future references. A robust Customer Care may also be functional 24 x 7 at the Control Room, to redress the grievance of the public.
- Drop gates shall be installed at the entry and exit points of all quarries/depots.
- Display boards shall be erected in local vernacular language at sand quarry/depot site, in the nearest village by which sand transportation will be carried and at the entrance of the village road from the main road.
- The concerned authority of PWD shall call for e-tender to select the contractors for loading/raising of sand at the quarry site, transporting contractors to transport sand from the quarry site to depots and loading/maintenance contractors at depots.
- Sand shall be loaded in the quarries in the PWD tendered GPS fitted vehicles and online transmit permit shall be issued by the competent authorities in PWD to the transporting vehicles to transport sand from the quarry to depots.
- On the arrival of the sand shunting vehicles from quarry to the depot, an online authentication shall be done to confirm the arrival of the

appropriate quantity of sand mentioned in the transport permit into the depot.

- The loading of sand from the depots shall be carried out by booking through the online portal "www.tnsand.in" as done presently. Online transit passes will also be issued to the loaded vehicles which could be verified by using an Android app "TNsand Investigator".
- During operation of the quarries, the PWD officers shall ensure that at no point in time, the depth of quarry exceeds 1 m depth from the river bed level and quarrying is done in a uniform manner over the entire mining area to avoid overexploitation and formation of pits at fixed places.
- Proper registers may be maintained at the entry and exit points of the sand quarry/depot sites and a Loading Register may be made available during inspection. An Inspection Register and a Complaint Register may be made available at the sand quarry/depot site.
- The functioning time of quarries/depots shall be from 7.00 AM to 6.00 PM. No sand transporting vehicles to be parked inside the quarry/depot site during night time.
- A copy of the approved mining plan may be kept at the quarry site for ready reference.
- Photographs and sketch showing the pit dimensions, depth etc. may be recorded every week and maintained in the sand quarry. The Executive Engineer, PWD may inspect each sand quarry on a weekly basis and ensure that mining activities are taking place within the approved boundaries/depth.

- The sand quarrying activity shall be stopped if the entire quantity is quarried even before the expiry of the sand quarry lease period and the same shall be mentioned by the PWD authorities.
- The Taluk Level Taskforce shall inspect the quarries every fortnight, as per G.O. (Ms) No. 135 of Industries Department, dated 13.11.2009 and record the status of the compliance in the registers maintained at the sand quarry site.
- The Taluk Level Task Force has to submit its inspection report to the District Level Task Force chaired by the District Collector. The District Level Task Force has to be convened every month to discuss cases of illegal quarrying. An Environmentalist from reputed State / Central Institution and a legal expert on environmental matters may be part of the District Level Task Force. The District Level Task Force shall also dispose of the petitions on illegal sand quarrying after due enquiry and scrutiny, and pass orders within a period of two months from the date of receipt of the complaint. If any person is aggrieved with the orders passed by the District Level Task Force, an appeal may be preferred before the Appellate Forum.
- The District Collector shall take necessary steps to strengthen the existing District and Taluk Level Committees and act on the complaints received, if any, on illegal sand quarrying and take strict remedial measures to rectify the same in a time-bound manner. The District Level Task Force may send its monthly report to the Appellate Forum formed as per G.O. (Ms) No. 27 of Industries Dept. dated 17.02.2015.
- The Appellate Forum shall hear the appeals filed against the orders passed by the District Level Task Force. The Appellate Forum comprises

of the Secretaries to Government from Industries Department, Public Works Department, Revenue Department, Environment and Forests Department, Commissioner of Geology and Mining and an Expert from a reputed Government Institution.

- The Appellate Forum may convene once in 2 months to deliberate on the reports from the District Level Task Force and shall dispose of the appeals made by the petitioners aggrieved with the orders passed by the District Level Task Force.
- Periodical Capacity building and sensitization of PWD officials on the environmental and legal aspects of sand quarrying may be made mandatory. Continuous training and awareness programs shall be scheduled and conducted by IIT/Anna University for the PWD staff to keep themselves aware of the best practices in this field. It may be ensured that the enforcement officials from the Departments of Revenue, Police, Geology and Mining and Transport in the districts where quarries are situated are given adequate training and capacity building on their duties and responsibilities with respect to inspection of sand quarries and sand transporting vehicles at specified time intervals.
- No blasting shall be carried out any point in time.
- It is the obligation of the Public Works Department to run the quarry in an environmentally friendly and ecologically sustainable manner.
- The Hon'ble High Court-appointed Monitoring Committee shall inspect the sand quarries periodically and submit a report to the Hon'ble High Court.

- The PWD should explore/take necessary steps to introduce Mining Surveillance System (MSS) in line with MSS evolved by the Indian Bureau of Mines and Bhaskaracharya Institute for Space Applications and Geo-informatics (BISAG).

### **III. STEPS TO BE FOLLOWED AFTER EXECUTION:**

- A Judicious mine closure plan may be formulated once the quarry is closed after exhaustion of the quantity of sand.
- Reclamation works may be factored into the contract agreement and strict monitoring by the PWD officials may be initiated to scrupulously follow up the mine closure plan.
- It may be ensured that the total quantity of sand permitted in the EC shall not be exceeded in any case.
- After the exhaustion of the quantity of sand, the sheds constructed at the quarry site may be removed. All the roads and pathways may be levelled so that there is no obstruction for the normal flow in the river.
- All the records/registers may be carefully maintained by the PWD for future reference.



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

No. CPCB/IPC-II/NGT-OA(360/2015)/2021/

11 June, 2021

To,  
The Environment Secretary,  
(As per list)

**Sub.: Direction under Section 5 of The Environment (Protection) Act, 1986 regarding development of mechanism for assessment and recovery of compensation as per Hon'ble NGT order dated-26.02.2021 in O.A. No. 360/2015-reg.**

**WHEREAS**, Hon'ble National Green Tribunal (NGT) by order dated-26.02.2021 (Para 10 to 12 & 25) in O.A. No. 360 of 2015 (and other clubbed applications) has accepted the report of an Expert Committee constituted by NGT order regarding Scale of Environmental Compensation to deal with the cases of illegal sand mining, that was submitted by CPCB to NGT on 30.01.2020, and which was re-iterated in the report submitted by CPCB to NGT on dated-12.10.2020 (available at NGT website at the link <https://greentribunal.gov.in/news-update?title=360+of+2015>);

**WHEREAS**, Hon'ble NGT by the above mentioned order dated-26.02.2021 (Para 25) has directed that the scale of compensation calculated with reference to Approach II of the Expert Committee report dated-30.01.2020 be adopted by all the States/UTs and that the recovered compensation may be kept in a separate account and utilized for restoration of environment by preparing an appropriate action plan under the directions of the Environment Secretary with the assistance of such individual/institutions as may be considered necessary;

**WHEREAS**, by the above mentioned order dated-26.02.2021 (Para 25), Hon'ble NGT has further directed CPCB to issue an appropriate statutory direction to Environment Secretaries of all the States / UTs for the facility of monitoring and compliance of above NGT direction;

**AND WHEREAS**, Central Government has delegated the power to issue directions under Section 5 of the Environment (Protection) Act, 1986 to CPCB also,

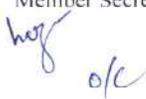
**NOW THEREFORE**, in compliance of above mentioned direction of NGT and in exercise of powers under Section 5 of the Environment (Protection) Act, 1986, you are hereby directed to evolve an appropriate mechanism for assessment and recovery of compensation in all Districts of the State and for utilization of the recovered compensation for restoration of environment by preparing an appropriate action plan, as per order dated-26.02.2021 of Hon'ble National Green Tribunal (Principal Bench) in OA No. 360/2015.

The action taken report in above reference may be provided to CPCB within one month.

(Naresh Pal Gangwar)  
Chairman

Copy for information to:

1. **The Joint Secretary,** : for information, please  
IA-II Division,  
Ministry of Environment, Forest & Climate Change,  
Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi – 110003
  
2. **The Member Secretary,** : for information, please  
SPCBs/PCCs  
(As per list)

  
(Prashant Gargava)  
Member Secretary  


S.No.	States/UTs	Address <b>306</b>	
		Environment Secretary - Office	Member Secretary - Office
1.	Andaman & Nicobar Islands	The Environment Secretary, Department of Environment & Forest, O/o Secretary (G/A), Andaman & Nicobar Administration, Secretariat, Port Blair, ANDAMAN & NICOBAR	The Member Secretary, Andaman & Nicobar Islands Pollution Control Committee, Department of Science & Technology, Dollygunj Van Sadan, P.O. Haddo Port Blair – 744102 ANDAMAN & NICOBAR
2.	Andhra Pradesh	The Environment Secretary, Department of Environment, Forest, Science & technology, 4 <sup>th</sup> Block, 1 <sup>st</sup> Floor, Room No. 268, A.P. Secretariat Office, Velagapudi, ANDHRA PRADESH	The Member Secretary, Andhra Pradesh Pollution Control Board D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010 ANDHRA PRADESH
3.	Arunachal Pradesh	The Environment Secretary, Department of Environment & Forest, Civil Secretariat, Itanagar – 791 111 ARUNACHAL PRADESH	The Member Secretary, Arunachal Pradesh State Pollution Control Board Govt. of Arunachal Pradesh, Department of Environment & Forests, Paryavaran Bhawan, Yupia Road, Papu Nalah, Naharlagun - 791 110 ARUNACHAL PRADESH
4.	Assam	The Environment Secretary, Department of Environment & Forest, Assam Secretariat, Block 'A', 2nd Floor Dispur, Guwahati – 781 006 ASSAM	The Member Secretary, Pollution Control Board- Assam, Bamunimaidam, Guwahati – 781 021 ASSAM
5.	Bihar	The Environment Secretary, Department of Environment, Forest & Climate Change, Van Vibhag Road, Nehru Nagar, Patliputra Colony, Patna - 800 013 BIHAR	The Member Secretary, Bihar State Pollution Control Board, Parivesh Bhawan, Plot No. NS-B/2, Paliputra Industrial Area, Patliputra, Patna – 800 023 BIHAR
6.	Chandigarh	The Environment Secretary, Department of Environment & Climate Change, MGSIPA Complex, Sector 26, CHANDIGARH – 160 019	The Member Secretary, Chandigarh Pollution Control Committee Paryavaran Bhawan, Ground Floor, Sector-19 B, Madhya Marg, CHANDIGARH – 160 019
7.	Chhattisgarh	The Environment Secretary, Department of Environment, Mahanadi Bhawan, Mantralaya, Mahanadi Bhawan, Atal Nagar, Nava Raipur- 492 001 CHHATTISGARH	The Member Secretary, Chhattisgarh State Environment Conservation Board, Paryavas Bhawan, North Block Sector-19, Atal Nagar, Raipur - 492 002, CHHATTISGARH

8.	Dadra & Nagar Haveli, Daman & Diu	The Environment Secretary, Department of Environment & Forest Secretariat, Daman, Fort Area, Post Office Moti Daman – 396 220 DAMAN & DIU	The Member Secretary, Pollution Control Committee, UTs of Daman, Diu and Dadra & Nagar Haveli Fort Area, Court Compound, Moti Daman - 396 220 DAMAN & DIU
09.	Delhi	The Environment Secretary, Department of Environment, 6th Level, Delhi Secretariat, IP Estate, DELHI – 110 002	The Member Secretary, Delhi Pollution Control Committee, Government of N.C.T. Delhi 4th Floor, ISBT Building, Kashmere Gate, DELHI-110 006
10.	Goa	The Environment Secretary, Department of Environment and Climate Change , 4th Floor Dempo Towers, Patto - Panaji - 403 511. GOA	The Member Secretary, Goa State Pollution Control Board Nr. Pilerne Industrial Estate, Opp. Saligao Seminary, Saligao - Bardez Goa – 403 511 GOA
11.	Gujarat	The Environment Secretary, Forests & Environment Department, Block 14, 8 th floor, Sachivalaya, Gandhinagar - 382 010 GUJARAT	The Member Secretary, Gujarat Pollution Control Board Paryavaran Bhavan, Sector 10-A, Gandhi Nagar 382 010, GUJARAT
12.	Haryana	The Environment Secretary, Department of Environment & Climate Change, Seventh Floor, Main Secretariat, Sector 16, CHANDIGARH – 160 017	The Member Secretary, Haryana State Pollution Control Board C-11, Sector-6, Panchkula- 134109, HARYANA
13.	Himachal Pradesh	The Environment Secretary, Department of Environment, Science & Technology, Paryavaran Bhawan, Near US Club, Shimla – 171 001 HIMACHAL PRADESH	The Member Secretary, Himachal Pradesh State Pollution Control Board Him Parivesh, Phase-III, New Shimla – 171 009 HIMACHAL PRADESH
14.	Jammu & Kashmir	The Environment Secretary, Department of Forest, Environment & Ecology, 4 <sup>th</sup> Floor, Mini Block Secretariat, Jammu, JAMMU & KASHMIR	The Member Secretary, J&K Pollution Control Board, Parivesh Bhawan, Shiekh-ul- Campus, Behind Govt. Silk Factory, Raj Bagh, Srinagar – 190 008 JAMMU & KASHMIR
15.	Jharkhand	The Environment Secretary, Department of Environment, Forest & Climate Change, Nepal House, Doranda, Ranchi – 834 002 JHARKHAND	The Member Secretary, Jharkhand State Pollution Control Board T.A. Bldg., HEC, P. O. Dhurwa, Ranchi - 834 004 JHARKHAND

16.	Karnataka	The Environment Secretary, Forest, Ecology and Environment Department, Secretariat, 4th Floor, M. S. Building, Bangalore – 560 001 KARNATAKA	The Member Secretary, Karnataka State Pollution Control Board “Parisara Bhavan”, #49,4th & 5th Floor, Church Street, Bangalore 560 001 KARNATAKA
17.	Kerala	The Environment Secretary, Department of Environment and Climate Change, 4th Floor, K.S.R.T.C Bus Terminal Thampanoor, Thiruvananthapuram – 695 001 KERALA	The Member Secretary, Kerala State Pollution Control Board Head Office, Pattom. P. O Thiruvananthapuram - 695 004 KERALA
18.	Lakshadweep	The Environment Secretary, Department of Environment and Forest, 1st Floor, Paryavaran Bhavan, Kavaratti, LAKSHADWEEP	The Member Secretary, Lakshadweep Pollution Control Committee, Department of Science, Technology & Environment, Kavarati – 682 555, LAKSHADWEEP
19.	Madhya Pradesh	The Environment Secretary, Housing and Environment Department, Paryavaran Parisar, E- 5, Arera Colony, Bhopal – 462 016 MADHYA PRADESH	The Member Secretary, Madhya Pradesh Pollution Control Board Paryavaran Parisar, E-5, Arera Colony Bhopal - 462 016 MADHYA PRADESH
20.	Maharashtra	The Environment Secretary, Environment & Climate Change Department, New Administrative Building, Madam Kama Road, Hutatma Chowak, Mumbai – 400 032 MAHARASHTRA	The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Points, 3rd & 4th Floor, Sion Matunga Scheme Road No.6 Opp. Cine Planet, Sion Circle, Sion (E), Mumbai-400 022 MAHARASHTRA
21.	Manipur	The Environment Secretary, Directorate of Environment and Climate Change, Mini Secretariat Rd, opposite Superintendent of Police, Porompat – 795 010 MANIPUR	The Member Secretary, Manipur Pollution Control Board Lamphalpat, Imphal – 795 004, MANIPUR
22.	Meghalaya	The Environment Secretary, Forest and Environment Department, Secretariat Building, North Range, Forest Colony, Khasi Hills, Shillong – 793 001 MEGHALAYA	The Member Secretary, Meghalaya State Pollution Control Board, “ARDEN”, Lumpyngngad, Shillong – 793 014, MEGHALAYA

23.	Mizoram	The Environment Secretary, Department of Environment, Forest & Climate Change, Tuikhuahtlang, Aizawl, MIZORAM	The Member Secretary, Mizoram Pollution Control Board New Secretariat Complex, Khatla, Aizawl – 796 001, MIZORAM
24.	Nagaland	The Environment Secretary, Department of Environment, Forest & Climate Change, New Secretariat, Kohima, NAGALAND	The Member Secretary, Nagaland Pollution Control Board Signal Point, Dimapur, NAGALAND
25.	Odisha	The Environment Secretary, Forest & Environment Department, Kharavel Bhavan, Bhubaneswar, ODISHA	The Member Secretary, Odisha State Pollution Control Board Paribesh Bhawan, A-118, Nilakantha Nagar Unit VIII Bhubaneswar – 751 012, ODISHA
26.	Puducherry	The Environment Secretary, Department of Science, Technology and Environment, III Floor, PHB Building Anna Nagar, PUDUCHERRY - 605 005	The Member Secretary, Puducherry Pollution Control Committee 'B' Block, Ground Floor, Chief Secretariat, PUDUCHERRY-605 001
27.	Punjab	The Environment Secretary, Department of Science, Technology and Environment, 6th Floor, Punjab Civil Secretariat-2, Sector 9, CHANDIGARH – 160 009	The Member Secretary, Punjab Pollution Control Board Vatavaran Bhawan, Nabha Road Patiala 147 001 PUNJAB
28.	Rajasthan	The Environment Secretary, Department of Environment, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur – 302 004 RAJASTHAN	The Member Secretary, Rajasthan Pollution Control Board, A-4, Institutional Area, Jalana Dungri, Jaipur 302 004, RAJASTHAN
29.	Sikkim	The Environment Secretary, Forest and Environment Department, Government of Sikkim Forest Secretariat Deorali - 737102 Gangtok, East Sikkim, SIKKIM	The Member Secretary, Sikkim State Pollution Control Board State Land Use & Environment Cell Govt. of Sikkim, Deorali Gangtok – 737 102 SIKKIM
30.	Tamil Nadu	The Environment Secretary, Department of Environment, No. 1, Jeenu Road, Panagal Building, Ground Floor, Saidapet, Chennai – 600 015 TAMIL NADU	The Member Secretary, Tamil Nadu Pollution Control Board 76, Anna Salai, Guindy Industrial Estate, Race View Colony, Guindy, Chennai – 600 032 TAMIL NADU

31.	Telangana	<p>The Environment Secretary, <b>310</b>          Department of Environment, Forests,          Science and Technology,          Telangana Secretariat          5th Floor, Burgula Rama Krishna Rao          Bhavan, NH 44, Hill Fort, Adarsh          Nagar,          Hyderabad – 500 063          TELANGANA</p>	<p>The Member Secretary,          Telangana State Pollution Control Board          Paryavaran Bhawan,          A-III, Industrial Estate, Sanathnagar,          Hyderabad – 500 018          TELANGANA</p>
32.	Tripura	<p>The Environment Secretary,          Department of Science, Technology &amp;          Environment,          Vigyan Prajukti O Paribesh Bhawan,          P.N. Complex, Gorkhabasti, Agartala –          799 006, West Tripura          TRIPURA</p>	<p>The Member Secretary,          Tripura State Pollution Control Board          Parivesh Bhawan, Pandit Nehru Complex          P.O. Kunjaban, Gorkhabasti,          Agartala – 799 006          TRIPURA</p>
33.	Uttar Pradesh	<p>The Environment Secretary,          Environment, Forest and Climate          Change Department,          Babu Bhawan Secretariat, Vidhan          Sabha, Lucknow – 226 001          UTTAR PRADESH</p>	<p>The Member Secretary,          Uttar Pradesh Pollution Control Board          IIIrd Floor PICUP Bhawan          Vibhuthi Khand, Gomti Nagar,          Lucknow – 226 020          UTTAR PRADESH</p>
34.	Uttarakhand	<p>The Environment Secretary,          Department of Environment &amp; Forest,          4, Subhash Road, Secretariat, 4<sup>th</sup> floor,          New Building,          Dehradun – 248 001          UTTARAKHAND</p>	<p>The Member Secretary,          Uttarakhand Environment Protection &amp;          Pollution Control Board          29/20, Nemi Road, Dalanwala,          Dehradun – 268 001          UTTARAKHAND</p>
35.	West Bengal	<p>The Environment Secretary,          Department of Environment,          5th Floor, Pranisampad Bhawan,          Block LB-II, Salt Lake, Sector III,          Bidhannagar, Kolkata – 700 106          WEST BENGAL</p>	<p>The Member Secretary,          West Bengal Pollution Control Board          Paribesh Bhawan, 10-A, Block LA,          Sector III, Salt Lake City,          Kolkata-700 091          WEST BENGAL</p>



# भारत का राजपत्र

## The Gazette of India

सी.जी.-डी.एल.-अ.-20042022-235241  
CG-DL-E-20042022-235241

असाधारण  
EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)  
PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 1795]

नई दिल्ली, बुधवार, अप्रैल 20, 2022/चैत्र 30, 1944

No. 1795]

NEW DELHI, WEDNESDAY, APRIL 20, 2022/CHAITRA 30, 1944

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 20 अप्रैल, 2022

**का.आ. 1886(अ).**—केंद्रीय सरकार पर्यावरण और वन विभाग के पूर्ववर्ती मंत्रालय में पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा (3) की उप-धारा (1) और उप-धारा (2) के खंड (v) के अधीन प्रदत्त शक्तियों का प्रयोग करते हुए, पर्यावरण समाघात निर्धारण अधिसूचना, 2006 (जिसे इसमें इसके पश्चात ईआईए अधिसूचना, 2006 कहा गया है), परियोजनाओं की कतिपय प्रवर्ग के लिए पूर्व पर्यावरणीय मंजूरी आज्ञापक बनाने के लिए, संख्या का.आ.1533(अ), तारीख 14 सितंबर, 2006 द्वारा प्रकाशित की है।

और राज्य पर्यावरण समाघात निर्धारण प्राधिकरण (एसईआईए) का गठन प्रवर्ग ख के अधीन सभी प्रस्तावों के लिए पर्यावरण मंजूरी (ईसी) पर विचार और अनुदान के लिए प्रत्यायोजित शक्तियों का प्रयोग करने हेतु राज्य स्तर पर ईआईए अधिसूचना, 2006 के कार्यान्वयन के लिए पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उप-धारा (3) के अधीन किया गया है;

और राज्य पर्यावरण समाघात निर्धारण प्राधिकरण ने पर्यावरण मंजूरी मूल्यांकन प्रक्रिया में पिछले पंद्रह वर्षों में पर्याप्त अनुभव प्राप्त किया है और राज्य स्तर पर पर्यावरण मंजूरी प्रस्तावों के कुशल और पारदर्शी निपटान के लिए परिवेश पोर्टल के माध्यम से पूरी तरह से ऑनलाइन कर दिया गया है;

और केंद्रीय सरकार राज्य स्तर पर मंजूरी की प्रसुविधा के लिए पर्यावरण मंजूरी प्रक्रिया को और विकेंद्रीकृत करना आवश्यक समझती है;

और आज की तारीख में, सुरक्षा भागीदारी के महत्वपूर्ण तत्वों के साथ राष्ट्रीय रक्षा और सामरिक महत्व से संबंधित प्रवर्ग ख की परियोजनाओं का राज्य स्तर पर भी मूल्यांकन किया जा रहा है, जिसे केंद्रीय सरकार राष्ट्रीय सुरक्षा चिंताओं को ध्यान में रखते हुए केंद्रीय रूप से मूल्यांकन करना आवश्यक समझती है;

अतः अब, केंद्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप-नियम (4) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3 की उप-धारा (1) और उप-धारा (2) के खंड (v) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए उक्त नियमों के नियम 5 के उप-नियम (3) के खंड (क) के अधीन नोटिस की अपेक्षा को समाप्त करने के पश्चात्, लोकहित में भारत सरकार की तत्कालीन पर्यावरण एवं वन मंत्रालय की अधिसूचना संख्यांक का.आ. 1533(अ), तारीख 14 सितम्बर, 2006, की अधिसूचना में निम्नलिखित और संशोधन करती है अर्थात्:-

उक्त अधिसूचना में-

(1) पैरा 4 में, उप-पैरा (iii) क) के स्थान पर, निम्नलिखित रखा जाएगा, अर्थात्: -

*(iii) क) राष्ट्रीय रक्षा या सामरिक या सुरक्षा महत्व से संबंधित हैं या जिन्हें केंद्रीय सरकार द्वारा संकटकाल जैसे महामारी, प्राकृतिक आपदाओं जैसी अत्यावश्यकताओं के कारण ऐसी प्रवर्ग 'ख' परियोजनाओं को अधिसूचित किया गया है या राष्ट्रीय कार्यक्रमों या स्कीमों या मिशन या ऐसी परियोजनाओं के अधीन पर्यावरण के अनुकूल क्रियाकलापों का संवर्धन करने के लिए जो इस अधिसूचना में यथा अधिकथित समय-सीमा से अधिक विलंबित हैं और समय-समय पर इस संबंध में यथा-अधिकथित मानदंडों को पूरा करती हैं, उन्हें केंद्रीय स्तर पर प्रवर्ग 'ख' परियोजनाओं के रूप में विचार किया जाएगा;*

(2) अनुसूची में, -

(i) मद 1(क) के सामने, -

(क) स्तंभ (3) में, -

(क) गैर-कोयला खनन पट्टे के संबंध में "> 100 हेक्टेयर खनन पट्टा क्षेत्र" के स्थान पर, निम्नलिखित रखा जाएगा, अर्थात्: -

"कोयले के अलावा अन्य प्रमुख खनिज खनन पट्टे के संबंध में >250 हेक्टेयर खनन पट्टा क्षेत्र";

(ख) ">150 हेक्टेयर" प्रतीक, अंक और अक्षर के स्थान पर, "> 500 हेक्टेयर" प्रतीक, आंकड़े और अक्षर रखे जाएंगे;

(ख) स्तंभ (4) में, -

(क) गैर-कोयला खनन के संबंध में <100 हेक्टेयर खनन पट्टा क्षेत्र के स्थान पर,

पट्टा", निम्नलिखित रखा जाएगा, अर्थात्: -

*"लघु खनिज खनन पट्टों के संबंध में सभी खनन पट्टा क्षेत्र और कोयले के अलावा अन्य प्रमुख खनिज खनन पट्टे के संबंध में <250 हेक्टेयर खनन पट्टा क्षेत्र";*

(ख) "<150 हेक्टेयर" के प्रतीकों, अंकों और अक्षरों के स्थान पर "<500 हेक्टेयर" के प्रतीक, अंक और अक्षर रखे जाएंगे;

(ii) मद 1(ग) के सामने, -

(क) स्तंभ (3) में, -

(क) क्रम संख्या (i) में, "> 50 मेगावाट, प्रतीकों, अंकों और अक्षरों के स्थान पर "> 100 मेगावाट" प्रतीक, आंकड़े और अक्षर रखे जाएंगे;

(ख) क्रम संख्या (ii) और उससे संबंधित प्रविष्टियों का लोप किया जाएगा;

(ख) स्तंभ (4) में, -

(क) क्रम संख्या (i) में, "<50 मेगावाट" प्रतीक, अंक और अक्षर के स्थान पर, "<100 मेगावाट" प्रतीक, आंकड़े और अक्षर रखे जाएंगे;

(ख) क्रम संख्या (ii) में, -

(I) "और <50,000 हेक्टेयर" शब्द, प्रतीक और अंक का लोप किया जाएगा;

(II) बिंदु (ग) में सारणी में, "से <50,000" शब्द, प्रतीक और अंक का लोप किया जाएगा; ।

(ग) स्तंभ (5) में, क्रम संख्या (ii) के पश्चात, निम्नलिखित क्रम संख्या अंतःस्थापित किया जाएगा, अर्थात् :-

"(iii) अंतर-राज्यीय मुद्दों से संबंधित सिंचाई परियोजनाओं का मूल्यांकन केंद्रीय स्तर पर श्रेणी में परिवर्तन के बिना किया जाएगा";

(iii) मद 1(घ) के सामने,-

(क) स्तंभ (3) में, "> 50 मेगावाट" प्रतीकों, अंकों और अक्षरों के स्थान पर, "> 100 मेगावाट" प्रतीकों, अंकों और अक्षरों को रखा जाएगा;

(ख) स्तंभ (4) में, "<50 मेगावाट" प्रतीक, अंक और अक्षर के स्थान पर, "<100 मेगावाट" प्रतीक, आंकड़े और अक्षर रखे जाएंगे;

(iv) मद 2(क) के सामने, -

(क) स्तंभ (3) में, ">1" प्रतीकों और अंक के स्थान पर, ">2.5" प्रतीकों और अंक को रखा जाएगा;

(ख) स्तंभ (4) में, "<1" प्रतीकों और अंक के स्थान पर, "< 2.5" प्रतीक और अंक रखे जाएंगे;

(ग) स्तंभ (5) में, विद्यमान पैरा के पश्चात, निम्नलिखित पैरा अंतःस्थापित किया जाएगा, अर्थात्: -

"खनन पट्टा क्षेत्र के भीतर स्थित धुलाई मशीनों के साथ एकीकृत कोयला खनन परियोजनाओं को कोयला खनन परियोजनाओं के लिए विद्यमान सीमा के अनुसार केंद्रीय स्तर या राज्य स्तर पर, यथास्थिति, विचार किया जाना जारी रहेगा";

(v) मद 2 (ख) के सामने, -

(क) स्तंभ (3) में, विद्यमान प्रविष्टियों का लोप किया जाएगा;

(ख) स्तंभ (4) में, "<0.5 मिलियन टीपीए का उत्पादन" प्रतीक, अंक, शब्द और अक्षर के स्थान पर, "सभी खनिज परिष्करण परियोजना, परिष्करण की प्रक्रिया पर ध्यान दिए बिना" शब्द रखे जाएंगे;

(ग) स्तंभ (5) में, विद्यमान पैरा के पश्चात, निम्नलिखित पैरा रखा जाएगा,

अर्थात्: -

"भीतर स्थित लाभकारी संयंत्रों के साथ एकीकृत खनन परियोजनाएं खनन पट्टा क्षेत्र पर केन्द्रीय स्तर पर विचार किया जाता रहेगा या यथास्थिति, राज्य स्तर, खनन परियोजनाओं के लिए विद्यमान सीमा के अनुसार।";

(vi) मद 7 (क) के सामने,-

(क) स्तंभ (3) में, "सभी परियोजनाओं" शब्दों के स्थान पर "सभी नई परियोजनाएं" शब्द रखे जाएंगे;

(ख) स्तंभ (4) में, निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात्: -

"सभी विस्तार परियोजनाएं, जिनमें हवाई पट्टियां भी सम्मिलित हैं, जो वाणिज्यिक उपयोग के लिए हैं।"

[फा. सं. आईए 3-22/10/2022-आईए. III]

डॉ. सुजीत कुमार बाजपेयी, संयुक्त सचिव

**टिप्पण :** मूल अधिसूचना भारत के राजपत्र, असाधारण, भाग II, खंड III, उप-खंड (ii), संख्या का.आ. 1533(अ), तारीख 14 सितंबर, 2006 द्वारा प्रकाशित की गई थी और अधिसूचना संख्या का.आ. 1807(अ), तारीख 12 अप्रैल, 2022 द्वारा अंतिम संशोधन किया गया था।

**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**

**NOTIFICATION**

New Delhi, the 20th April, 2022

**S.O. 1886(E).**—WHEREAS, the Central Government in the erstwhile Ministry of Environment and Forests, in exercise of its powers under sub-section (1) and clause (v) of sub-section (2) of section (3) of the Environment (Protection) Act, 1986 has published the Environment Impact Assessment Notification, 2006 (hereinafter referred to as the EIA Notification, 2006), vide number S.O.1533 (E), dated the 14th September, 2006 for mandating prior environmental clearance for certain category of projects;

And whereas, the State Environment Impact Assessment Authorities (SEIAAs) have been constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 for implementation of the EIA Notification, 2006 at State level for exercising delegated powers to consider and grant Environmental Clearance (EC) for all proposals under Category B;

And whereas, the SEIAAs have gained substantial experience over the past fifteen years in the EC appraisal process and the process at the State level has also been made completely online through the PARIVESH portal for efficient and transparent disposal of EC proposals;

And whereas, the Central Government deems it necessary to further decentralise the EC process for facilitating clearances at State level;

And whereas, as on date, category 'B' projects, relating to national defence and strategic importance with significant element of security involvement are also being appraised at the State level which, the Central Government deems it necessary to be appraised centrally taking into account national security concerns;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), read with sub-rule(4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government, after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of rule 5 of the said rules, in public interest, hereby makes the following further amendments in the notification of the Government of India, in the erstwhile Ministry of Environment and Forests, number S.O. 1533 (E), dated the 14th September, 2006, namely:-

In the said notification,-

(1) in paragraph 4, for sub-paragraph (iii a), the following shall be substituted, namely:-

*(iii a) Such Category 'B' projects, relating to the National defence or strategic or security importance or those as notified by the Central Government on account of exigencies such as pandemics, natural disasters or to promote environmentally friendly activities under National Programmes or Schemes or Missions or such projects which are inordinately delayed beyond the stipulated timeline as laid down in this notification and also meet the criteria as laid down in this regard from time to time, shall be considered at the Central level as Category 'B' projects;*

(2) in the Schedule,-

(i) against item 1(a),-

(a) in column (3),-

(A) for ">100 ha. of mining lease area in respect of non-coal mining lease", the following shall be substituted, namely:-

">250 ha mining lease area in respect of major mineral mining lease other than coal";

(B) for the symbol, figures and letters "> 150 ha", the symbol, figures and letters "> 500 ha" shall be substituted;

(b) in column (4),-

(A) for "≤ 100 ha of mining lease area in respect of non-coal mine lease", the following shall be substituted, namely:-

"All mining lease area in respect of minor mineral mining leases and ≤ 250 ha mining lease area in respect of major mineral mining lease other than coal";

- (B) for the symbols, figures and letters “ $\leq 150$  ha”, the symbols, figures and letters “ $\leq 500$  ha” shall be substituted;
- (ii) against item 1(c),—
- (a) in column (3),—
- (A) in serial number (i), for the symbols, figures and letters “ $\geq 50$  MW”, the symbols, figures and letters “ $\geq 100$  MW” shall be substituted;
- (B) serial number (ii) and the entries relating thereto shall be omitted;
- (b) in column (4),—
- (A) in serial number (i), for the symbol, figures and letters “ $< 50$  MW”, the symbol, figures and letters “ $< 100$  MW” shall be substituted;
- (B) in serial number (ii),—
- (I) the word, symbol and figures “and  $< 50,000$  ha.” shall be omitted;
- (II) in point (c) in the table, the word, symbol and figures “to  $< 50,000$ ” shall be omitted;
- (c) in column (5), after serial number (ii), the following serial number shall be inserted, namely:—
- “(iii) Irrigation projects involving Inter-State issues shall be appraised at Central level without change in category.”;
- (iii) against item 1(d),—
- (a) in column (3), for the symbols, figures and letters “ $\geq 50$  MW”, the symbols, figures and letters “ $\geq 100$  MW” shall be substituted;
- (b) in column (4), for the symbol, figures and letters “ $< 50$  MW”, the symbol, figures and letters “ $< 100$  MW” shall be substituted;
- (iv) against item 2(a),—
- (a) in column (3), for the symbols and figure “ $\geq 1$ ”, the symbols and figures “ $\geq 2.5$ ” shall be substituted;
- (b) in column (4), for the symbols and figure “ $< 1$ ”, the symbols and figures “ $< 2.5$ ” shall be substituted;
- (c) in column (5), after the existing paragraph, the following paragraph shall be inserted, namely:—
- “Integrated coal mining projects with washeries located within mining lease area shall continue to be considered at Central level or State level, as the case may be, as per the extant threshold for coal mining projects.”;
- (v) against item 2 (b),—
- (a) in column (3), the existing entries shall be omitted;
- (b) in column (4), for the symbol, figures, words and letters “ $< 0.5$  million TPA throughput”, the words “All mineral beneficiation projects irrespective of the procedure for beneficiation” shall be substituted;
- (c) in column (5), after the existing paragraph, the following paragraph shall be inserted, namely:—
- “Integrated mining projects with beneficiation plants located within mining lease area shall continue to be considered at Central level or State level, as the case may be, as per the extant threshold for mining projects.”;
- (vi) against item 7 (a),—
- (a) in column (3), for the words “All projects”, the words “All new projects” shall be substituted;

(b) in column (4), the following shall be inserted, namely:—

“All expansions projects, including airstrips, which are for commercial use.”.

[F. No. IA3-22/10/2022-IA.III]

Dr. SUJIT KUMAR BAJPAYEE, Jt. Secy.

**Note :** The principal notification was published in the Gazette of India, Extraordinary, Part II, Section III, sub-section (ii), vide, number S.O. 1533(E), dated the 14th September, 2006 and was last amended, vide, the notification number S.O. 1807(E), dated the 12th April, 2022.

F. No. IA3-22/11/2023-IA.III (E-208230)  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

3<sup>rd</sup> Floor, Vayu Wing  
Indira Paryavaran Bhavan,  
Jor Bagh Road,  
New Delhi-110003

Dated: 28<sup>th</sup> April, 2023

**OFFICE MEMORANDUM**

**Subject: Compliance of order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change - reg.**

The Hon'ble National Green Tribunal (Principal Bench), New Delhi vide order dated 13.09.2018 in O.A. No. 186 of 2016 (Satendra Pandey vs Ministry of Environment Forest & Climate Change & Anr) had observed that the Ministry's Notification S.O. 141(E) dated 15.01.2016 was not in consonance with the directions given by Hon'ble Supreme Court in the matter of Deepak Kumar Vs. State of Haryana and Others and passed certain directions.

2. In the above case, Hon'ble NGT had *inter-alia* directed that mining projects with lease areas of 0 to 5 ha are to be evaluated by State Level Expert Appraisal Committee (SEAC) for recommendation and grant of Environmental Clearance (EC) by State Level Environment Impact Assessment Authority (SEIAA) instead of District Level Environment Impact Assessment Authority (DEIAA). In compliance of the said directions, Ministry issued an OM dated 12.12.2018 addressed to Chief Secretaries of all the States/UTs directing to comply with the directions of Hon'ble NGT.

3. Subsequently, Hon'ble NGT vide its order dated 07.12.2022 in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change *inter-alia* observed that "mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (*supra*) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental

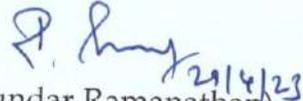
*clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986."*

4. The matter has been examined in the Ministry and accordingly it has been decided that all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A.142 of 2022. In view of above, it is hereby directed that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a time period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM. The State Government may assess the existing workload of SEAC(s) and accordingly, send proposals for constitution of additional SEAC for a specified period to deal with such additional workload.
5. Further, in order to have a uniform approach across the country for such appraisal, SEIAA shall scrutiny and appraise the proposals based on the checklist provided below:
  - i. Completely filled up Form-2 as per Ministry's OM dated 15.12.2021.
  - ii. Pre-Feasibility Report (PFR) as per MoEF Guidelines dated 30.12.2010
  - iii. Valid Mine Lease Document
  - iv. Approved Mining Plan from the concerned Authorities
  - v. District Survey Report approved by SEIAA as per Ministry's Notification S.O 3611(E) dated 25.07.2018
  - vi. Implementation of "Sustainable Sand Mining Management Guidelines, 2016" and "Enforcement & Monitoring Guidelines for Sand Mining, 2020" in case of sand mining proposals.
  - vii. Details of forest land involved in the mine lease area and availability of Stage-I/II Forest Clearance (FC) for diversion of forest land for non-forestry purpose.
  - viii. Details of Eco Sensitive Zones (ESZ) and Eco Sensitive Areas (ESAs), National Parks, Wildlife Sanctuary, Coastal Zone, Water bodies and other ecological sensitive areas within/in the vicinity of the mine lease area and if so details of NOC/Clearances obtained.
  - ix. If any Schedule-I species is present in the study area, proof of submission of Wildlife Conservation Plan to the Forest Department.
  - x. Cluster Certificate from State Mines and Geology Department.

- xi. Compliance of Hon'ble Supreme Court judgment dated 02.08.2017 passed in Common Cause vs Union of India Writ Petition (C) 114 of 2014.
- xii. Proposal of re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. in compliance to the direction dated 8th January, 2020 of Hon'ble Supreme Court in Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors.

6. The provisions of this OM shall be operational subject to the outcome of Civil Appeal No. 3799-3800 of 2019 titled Union of India vs Rajiv Suri filed by Ministry before the Hon'ble Supreme Court of India against the order dated 13<sup>th</sup> September, 2018 passed in O.A. No. 200 of 2016 (Rajiv Suri Vs UOI) & order dated 21<sup>st</sup> December, 2018 passed in R.A. No. 47 of 2018 (UOI Vs Rajiv Suri).

7. This is issued with the approval of the Competent Authority.

  
(Sundar Ramanathan)  
Scientist E

To

1. The Chairperson/Member Secretaries of all the SEIAAs/SEACs.
2. The Chairman of all the Expert Appraisal Committees
3. The Chairpersons/Member Secretaries of all SPCBs/UTPCCs.
4. All the officers of IA Division

Copy for information to:

1. PS to Hon'ble MEF&CC
2. PS to Hon'ble MoS, EF&CC
3. PPS to Secretary, EF&CC
4. PPS to AS (TK)/ JS(SKB)
5. Website, MoEF&CC /Guard file

F.No.IA3-22/11/2023-IA.III (E-208230)  
Government of India  
Ministry of Environment, Forest & Climate Change  
Impact Assessment Division

3rd Floor, Vayu Wing  
Indira Paryavaran Bhawan  
Jor bagh Road, Aliganj  
New Delhi - 110 003

Date: 3<sup>rd</sup> November, 2023

**OFFICE MEMORANDUM**

**Subject: Clarification with reference to Ministry's OM dated 28.04.2023 in Compliance of order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forest and Climate Change - reg.**

This is with reference to the Ministry's OM dated 28.04.2023, wherein the Ministry has directed that, all valid Environmental Clearances (ECs) issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance of the order of the Hon'ble NGT in O.A.142 of 2022. It was also directed that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be issued by SEIAAs based only after such appraisal. The re-appraisal by SEIAA shall be completed within a time period of one year from the date of issue of OM dated 28.04.2023.

2. In this regard, the Ministry has filed an affidavit before the Hon'ble NGT on 25.05.2023 in OA No. 142 of 2022 in the matter of Jayant Kumar Vs. MoEFCC & Ors., stating that all valid ECs granted by DEIAA from 15.01.2016 to 13.09.2018, will continue to be valid for one year from the date of issue of the Ministry's OM dated 28.04.2023 subject to the compliance of the conditions prescribed therein.

3. In view of the above, it is further clarified that the ECs granted by DEIAA which are valid as on date shall continue to be valid for one year from the date of issue of OM dated 28.4.2023 unless the validity of the EC granted by DEIAA has lapsed prior to 28.4.2024 or until SEIAA has invalidated the EC granted by DEIAA after carrying out re-appraisal as outlined above, whichever is earlier.

4. This is for necessary action and compliance please.
5. This is issued with the approval of the Competent Authority.

  
(Sundar Ramanathan)  
Scientist 'E'

To

1. Chairman/Member Secretary, CPCB.
2. Chairperson/Member Secretaries of all the State/UT, PCBs/PCCs
3. Chairperson/Member Secretaries of all the EACs.
4. Chairperson/Member Secretaries of all the SEIAAs/ SEACs.
5. All Officers of IA Division

Copy to:

1. PS to Hon'ble MEFCC
2. PS to Hon'ble MoS (EF&CC)
3. Sr PPS to Secretary (EF&CC)
4. Sr PPS to DGF&SS (EF&CC)
5. Sr PPS to AS(TK)/Sr PPS to JS(SKB)
6. Website, MoEF&CC/Guard File

**No. IA-22/01/2021-IA-III- Part (1)**  
Government of India  
Ministry of Environment, Forest & Climate Change  
(IA. III Division)

Indira Paryavaran Bhawan  
Aliganj, Jor Bagh Road  
New Delhi-110 003

**Dated: 15<sup>th</sup> January, 2024**

**OFFICE MEMORANDUM**

**Sub: Standard Operating Procedure [SOP] for dealing mining proposals under Ministry's OM dated 28.04.2023 on PARIVESH portal-reg.**

The Ministry in Compliance to the order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change vide OM dated 28.04.2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

2. To streamline the green clearances process with an objective to enhance access, Transparency, Efficiency and Effectiveness in Governance, Ministry has expanded the scope of existing PARIVESH, leveraging on emerging technologies such as GIS, Advance Data Analytics etc.

3. In order to enable users to complete the re-appraisal process more efficiently, the entire process flow needs to be automated, as the DEIAAs had previously issued the ECs in an offline manner before PARIVESH was launched. Therefore, in order to expedite the re-appraisal process with an efficiency and transparency, the Ministry has automated the entire work flow with onboarding of every DC office on the PARIVESH site.

4. Workflow to re-appraise such mining applications has been developed and rolled out on PARIVESH portal in accordance with the procedure outlined in Ministry's OM dated 28.04.2023. Henceforth, all such EC proposals shall be dealt in PARIVESH portal only. DC office shall scan all the EC files and upload on the PARIVESH portal, through their respective logins, for further consideration by the SEIAA.

5. On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, Project Proponent will be informed through email to submit Form 2, duly mentioning the unique Intimation number received in the email, to respective SEAC for their further consideration. **Detailed step by step work flow to be followed by all three users (DC office, SEIAA and Project Proponent) is given in the Annexure.**

6. This issues with the approval of the Competent Authority

M. Saxena  
15/11/24

(Dr Mohit Saxena)  
Scientist D/Joint Director

**To**

1. Chairman, SEIAA (All States)
2. Member Secretary, SEIAA (All States)
3. District Collector (all districts)
4. All Project Proponents

**Copy to**

1. Sr PPS to Secretary EFCC
2. Sr PPS to AS (TK)
3. Sr PPS to JS (SKB)
4. Director PARIVESH
5. Member Secretary, IA, Non Coal Mining Sector



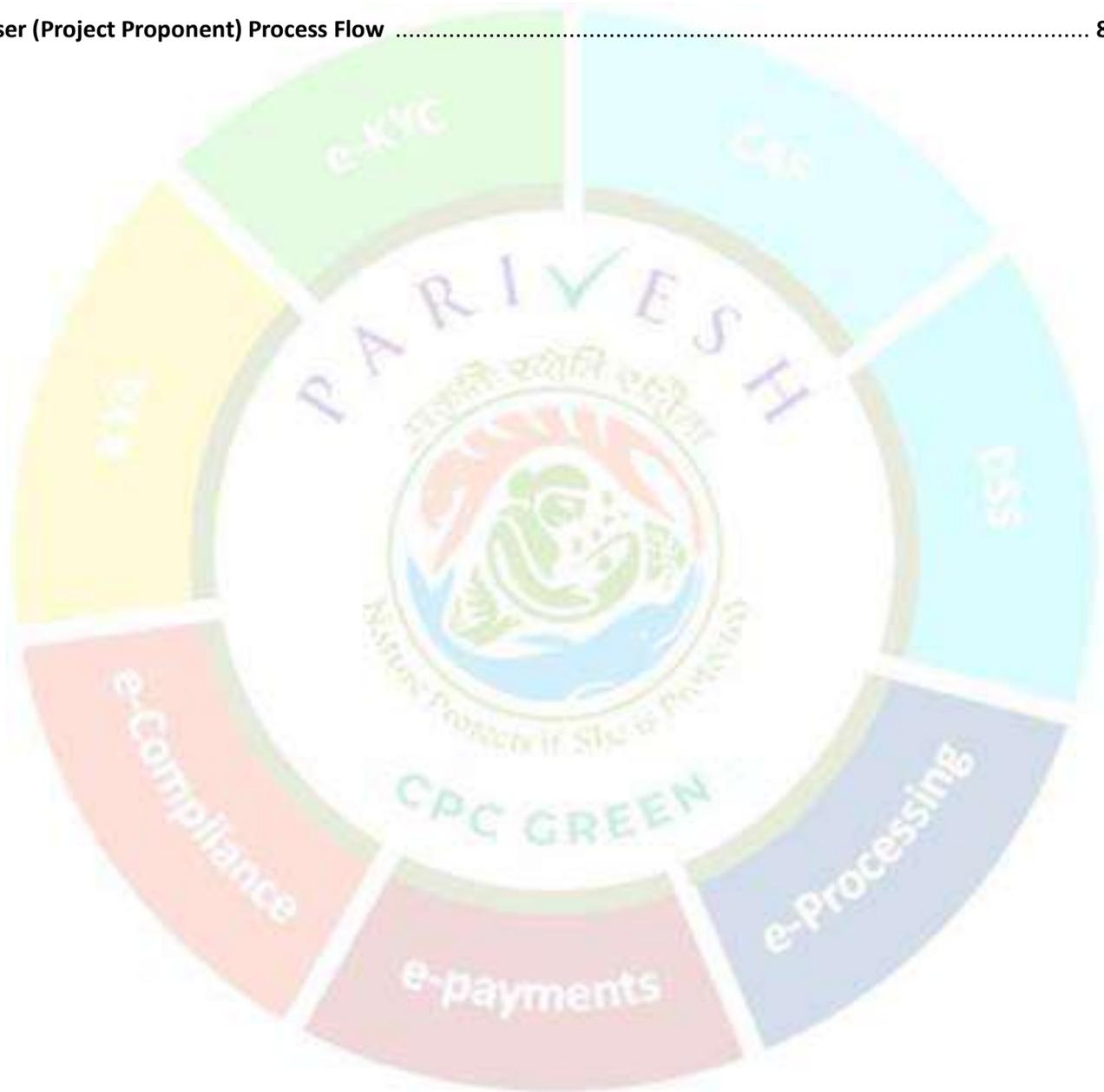
# Standard Operating Procedure for Re-appraisal of Mining Proposals Under Ministry OM 28-04-2023

(PARIVESH 2.0)

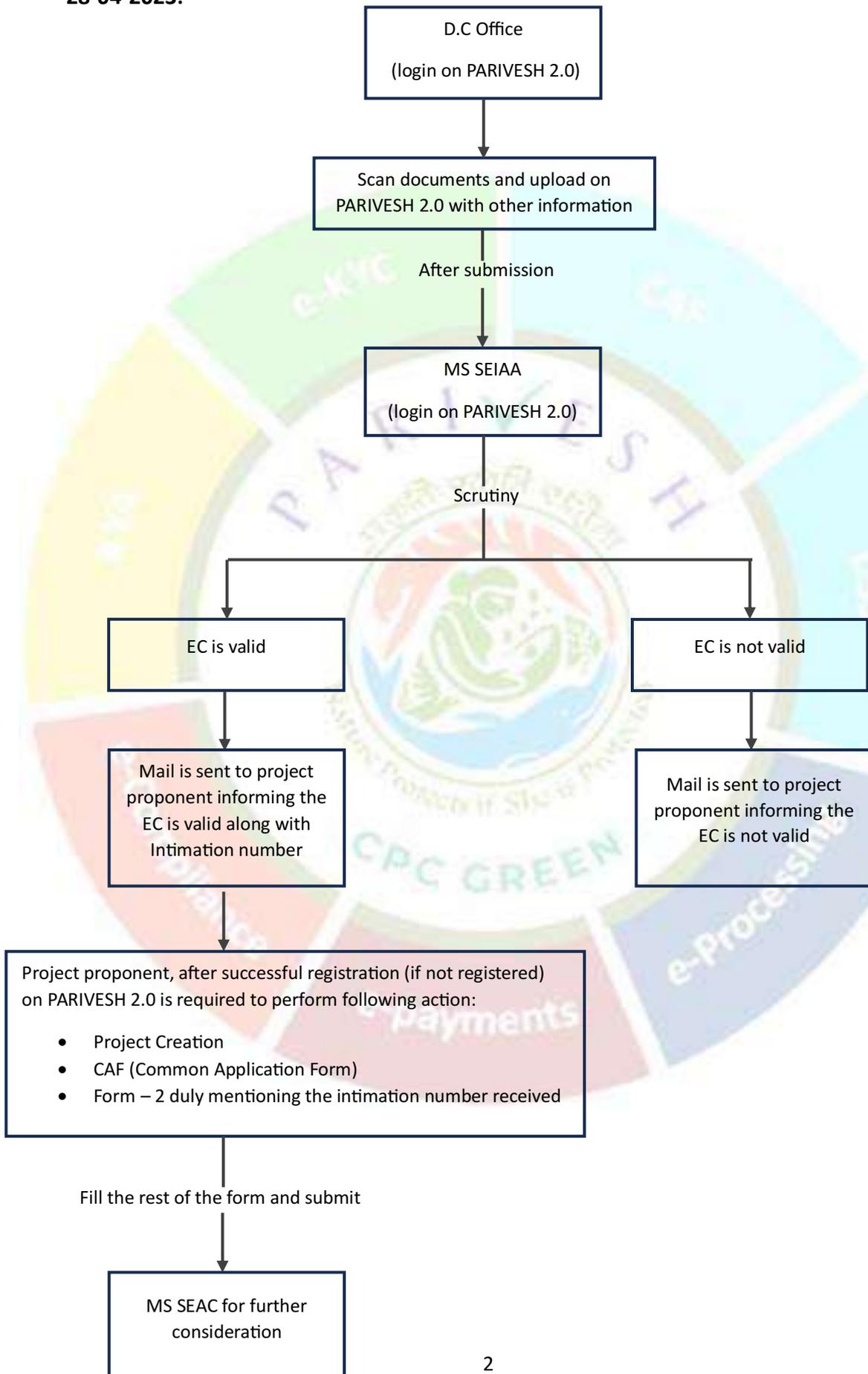


## Table of Contents

<b>Schematic Flow for Re-appraisal of Mining proposals of minor minerals Under Ministry OM 28-04-2023 ...</b>	<b>2-2</b>
<b>User (D.C Office) Process Flow .....</b>	<b>3-4</b>
<b>User (MS SEIAA) Process Flow .....</b>	<b>4-8</b>
<b>User (Project Proponent) Process Flow .....</b>	<b>8-9</b>



➤ **Schematic Flow for Re-appraisal of Mining Proposal of Minor Minerals Under Ministry OM 28-04-2023:**



Physical files of mining proposals are to be scanned and forwarded to MS SEIAA by following the steps mentioned below.

### STEP 1: USER (DC office):

Log in to the DC. Once landed on the DC dashboard, click on 'Add EC Details (Min. B2)' as shown in the figure below.

The screenshot shows the MS SEIAA dashboard. At the top, there is a navigation bar with the Government of India logo and the Ministry of Environment, Forest and Climate Change. The user is logged in as Jhendra Arora, Designation: Node Officer, Role: District Collector (DC), Jurisdiction: Maharashtra. The main content area displays a table titled 'List of Transferred Proposals - (Mining of Minor Mineral)'. The table has columns for S.No, Reference No., DEIAA File No., Name of the Organisation/Company, Email ID of PP, EC Date, EC Letter, Scanned Notesheet, and Forwarded Date. A red box highlights the 'Add EC Details (Min. B2)' button in the top right corner of the table area, with a red arrow pointing to it.

S.No	Reference No.	DEIAA File No.	Name of the Organisation/Company	Email ID of PP	EC Date	EC Letter	Scanned Notesheet	Forwarded Date
1	MH/400016	fileno.195/2023	A virtual machine emulates a computer system so anyone can run different operating systems and programs. it works great for testing out new features without risking your current ecosystem. You will of	sonoo00@gmail.com	21/12/2023	Preview	Preview	21/12/2023
2	MH/400010	Test/Demo/2/f	Test Demo 12	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	21/12/2023
3	MH/400012	File/981/SEA C/12	TATA.pvt.ltd Test	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	21/12/2023
4	MH/400018	Ses12/1/ie	ses Pvt	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	20/12/2023
5	MH/400010	File/121/1	Atul	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	20/12/2023
6	MH/400006	File/121/0	Atul	shashank.singh4@in.ey.com	22/12/2023	Preview	Preview	20/12/2023
7	MH/400006	File/21/-	Saurabh	shashank.singh4@in.ey.com	30/12/2023	Preview	Preview	20/12/2023
8	MH/400004	Test	656	shashank.singh4@in.ey.com	19/12/2023	Preview	Preview	19/12/2023
9	MH/400003	12/1/2023	12/1/2023	shashank.singh4@in.ey.com	18/12/2023	Preview	Preview	18/12/2023

When you click on the 'Add EC Details (Min. B2),' DEIAA proposal transfer form will be open. Fill in all the mandatory and preferable fields, including DEIAA file number and select district. Upload a scanned notesheet. Select the EC date and upload the EC letter. Enter the name of the company/organization and the Email ID of the Project Proponent (PP).

The screenshot shows the 'DEIAA Proposal Transfer Form' with the '1. EC Details' section. The form includes the following fields and upload areas:

- 1.1. DEIAA File No. \*
- 1.2. District \*
- 1.3. Scanned Notesheet \*
- 1.4. EC Date \*
- 1.5. EC Letter \*
- 1.6. Name of the organization/company \*
- 1.7. Email ID of PP \*

There are also two upload areas for the Scanned Notesheet and EC Letter, each with a 'Browse or drop your file here' prompt and a warning message: 'Only pdf file(s) are allowed. Maximum file size is 5 MB'.

After completing the form and submitting it, the proposal will appear in the list of transferred proposals – (Mining of Minor Mineral) with information including the reference number, DEIAA file number,

organization/company name, Project Proponent's (PP) email ID, and the EC date and the forwarded date with an option to view the forwarded information.

Government of India  
पारिवेश  
PARIVESH  
Ministry of Environment, Forest and Climate Change

Welcome, Atendra Arora ( Designation: Nodal Officer, Role: District Collector (DC), Jurisdiction: Maharashtra ) Logout

List of Transferred Proposals – (Mining of Minor Mineral)

S.No	Reference No.	DEIAA File No.	Name of the Organisation/Company	Email ID of PP	EC Date	EC Letter	Scanned Noteshheet	Forwarded Date
1	MH/482/400017	file-zevvcv	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type a	geetanji@gmail.nator.com	25/12/2023	Preview	Preview	26/12/2023
2	MH/400015	fileno.156/2023	A virtual machine emulates a computer system so anyone can run different operating systems and programs. It works great for testing out new features without risking your current ecosystem. You will di	sona0000@gmail.nator.com	21/12/2023	Preview	Preview	21/12/2023
3	MH/400013	Test/Demo/21/f	Test Demo 12	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	21/12/2023
4	MH/400012	File/591/SEA C/12	TATA pvt.Ltd Test	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	21/12/2023
5	MH/400011	Sea12/1file	SSS Pvt	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	20/12/2023
6	MH/400010	File/12/1	Atul	shashank.singh4@in.ey.com	21/12/2023	Preview	Preview	20/12/2023
7	MH/400006	File/12/0	Atul	shashank.singh4@in.ey.com	22/12/2023	Preview	Preview	20/12/2023
8	MH/400005	File/21/-	Sourabh	shashank.singh4@in.ey.com	30/12/2023	Preview	Preview	20/12/2023

## STEP 2: USER (MS SEIAA):

After successful log in by MS SEIAA, proposals forwarded by DC office are available under tab "Proposals transferred under OM 28/04/2023" given in the left sidebar

Government of India  
पारिवेश  
PARIVESH  
Ministry of Environment, Forest and Climate Change

Welcome, Pravin C Darade ( Role: Member Secretary, SEIAA ) Logout

Parivesh I.O.

- My Task
- SEIAA Proposal Distribution
- Proposal History
- Agenda Management
- Agenda Task(s)
- Reports
- Search Proposal
- Change Password
- Withdraw Requests
- Proposals transferred under OM 28/04/2023**
- MIS Dashboard

Pravin C Darade  
Member Secretary, SEIAA

osals

Proposal Name	Proposal Details	Location	File Submission Date	Status	Action
AT B 29 Nov 23	<p>Proposal No.: SA/MH/INRA2/416231/2023</p> <p>File No.: File/000001/SEAC/SEIAA/2023</p> <p>Proposal For: Fresh EC</p> <p>Activity: 7(a) Airports</p> <p>Sector: INRA2</p> <p>Proponent: A AND N TECHNOLOGIES</p>	State: Maharashtra District: Mumbai	01/12/2023	Returned To Seiac 25 Day	View
	<p>Proposal No.: SA/MH/INRA2/416230/2023</p> <p>File No.: File/000001/SEAC/SEIAA/2023</p> <p>Proposal For: Fresh EC</p> <p>Activity: 7(a) Airports</p>	State: Maharashtra District: Mumbai	01/12/2023	Returned To Seiac 25 Day	View

https://atgdev.parivesh.nic.in/#/department/dashboard-dosa/wms-project

On clicking the "Proposals transferred under OM 28/04/2023," a list of Transferred proposals – (Mining of Minor Mineral) forwarded by DC office will be displayed. Next, click on "Verify" under the "Action" column.

S.No	Reference No.	DEIAA File No.	Organisation/company	EC Date	Submission Date	Action
1	MH/482/40001 7	file-zevvcv	Name: Lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type & Email id: geetanjali@mailinator.com	26/12/202 3	26/12/2023	Verify

On clicking "Verify," the Project Creation Form for SEIAA will open. Certain information such as "name of company/organization", "Email ID", "EC number/DEIAA file number", "EC date", "EC letter" and "scanned notesheet". In addition to auto fetch detail, information such as "registered address", "legal status", "project name", "location", "state", "district", "sub-district", and "village" and "mobile number" are to be entered by MS SEIAA.

**Project Creation Form for SEIAA**

1. Organization/Company Details

1.1. Name of company/Organization \*

1.2. Registered Address \*

1.3. Email Id \*

1.4. Mobile Number \*

1.5. Legal Status \*

2. Project Details

2.1. Project Name \*

2.2. Location \*

2.3. State \*

**Project Creation Form for SEIAA**

1. Organization/Company Details

1.1. Name of company/Organization \*

1.2. Registered Address \*

1.3. Email Id \*

1.4. Mobile Number \*

1.5. Legal Status \*

2. Project Details

2.1. Project Name \*

2.2. Location \*

2.3. State \*

Legal Status options:

- Select
- Central Government (Department/Autonomous body)
- Central PSU (eg. NHM, AAL NIP, CIL, SAIL)
- Joint Venture (Govt. + Govt.)
- Joint Venture (Govt. + Pvt.)
- Joint Venture (Pvt. + Pvt.)
- LLP
- Others
- Private Limited
- State Government (Department/Autonomous body)
- State PSU (eg. State Forest Corp., TANGEDCO, Mineral development Corp)
- Trust/Association/Society
- Select

MS SEIAA | Government of India | English

परिवेश  
PARIVESH  
EPC GREEN

विशेष, वातावरण संरक्षण विभाग  
Ministry of Environment, Forest and Climate Change

WELCOME, Pravin C Dabade ( Role: Member Secretary, SEIAA ) Logout

2. Project Details

2.1. Project Name \* Enter Details

2.2. Location \* Enter Details

2.3. State \* Select  
Field Required

2.4. District \* Select

2.5. Sub District \* Select

2.6. Village \* Select

3. EC Details

3.1. EC NO./DEIAA FILE NO. \* file-zxuvcv

3.2. EC Date \* 26-12-2023

MS SEIAA | Government of India | English

परिवेश  
PARIVESH  
EPC GREEN

विशेष, वातावरण संरक्षण विभाग  
Ministry of Environment, Forest and Climate Change

WELCOME, Pravin C Dabade ( Role: Member Secretary, SEIAA ) Logout

3. EC Details

3.1. EC NO./DEIAA FILE NO. \* file-zxuvcv

3.2. EC Date \* 26-12-2023

3.3. EC Valid \* Select  
Field Required

3.4. EC Letter \*

3.5. Scanned HeatSheet \*

After furnishing all information as mentioned in the form, MS SEIAA shall be required to ensure validity of the EC and required to choose either 'Yes' if the EC is valid or 'No' if the EC is invalid.

3.3. EC Valid \* Select

Yes

No

After selecting 'Yes' for "EC Valid," a field will appear as "EC valid up to." Now, proceed to choose the date for "EC valid up to."

3.3. EC Valid \* Yes

3.4. EC Valid Upto \* dd-mm-yyyy

If you choose 'No' for "EC Valid," a field will appear for "EC valid up to." In this case, select the date for "EC valid up to."

3.3. EC Valid \* No

3.4. EC Valid Upto \* dd-mm-yyyy

Click on the "Intimation to PP" button.

After furnishing all information, click on the "Intimation to PP" button given in the bottom right corner of the page followed by a confirmation dialogue box stating "Are you sure the EC is valid/invalid?", as the case maybe. Click on the 'Yes' in order to proceed this process further.

Once confirmed, a message regarding intimation along with intimation number to PP will be delivered at email furnished in the form above for submission of form 2, in case EC is valid. Following are the templates regarding intimation to PP in case of EC is valid or invalid.

In case of Valid:

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय Ministry of Environment, Forest and Climate Change

To

**Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type a,**

In compliance to Ministry's OM dated 28.04.2023, your project  **Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type a** for mining at  **Benikre, KOLHAPUR** bearing the EC no  **file-zxvvcv** dated 26/12/2023 has been examined at SEIAA, and accordingly you are hereby directed to fill and Submit Form 2 application for further consideration of the proposal by SEIAA/SEAC.

**Intimation Number : file-zxvvcv/480/2023/554815**

**Note:** Kindly refer above intimation number in the form 2 for verification by MS SEIAA/SEAC

If not yet registered yet kindly [click here](#) to register.

From

In case of Invalid:

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय Ministry of Environment, Forest and Climate Change

To

**abcdcgfg,**

In compliance to Ministry's OM dated 28.04.2023, your project **xcvxcv** for mining at **Kothalaj, HINGOLI** bearing the EC no **f:::avbbbbfff** dated **28/12/2023** has been examined at SEIAA, and is found not valid.

For any query/clarification please contact concerned SEIAA/SEAC.

From

MS SEIAA

MAHARASHTRA

**Note:** In the top right corner segregated tabs such as "Pending", "Valid", "Invalid". Pending actions can be found under the "Pending" tab, valid proposals under the "Valid" tab, and invalid ones under the "Invalid" tab.

The screenshot shows the official website of the Ministry of Environment, Forest and Climate Change, Government of India. At the top right, a green notification box states: "Intimation has been successfully sent to Project proponent via email on geetanjali@mailinator.com". Below the notification, there is a section titled "List of Transferred Proposals - (Mining of Minor Mineral)". This section contains three tabs: "Pending", "Valid", and "Invalid". The "Pending" tab is currently selected. Below the tabs, a message reads "No data found." in a light gray box.

### STEP 3: USER (Project Proponent):

Now, the Project Proponent (PP) is required to fill form Form-2. Project Proponent is required to select reappraisal field at serial number, for the proposal requiring consideration under Ministry OM 28.04.2023.

Form-2 Application for EC for Mining of Minor Minerals of Mine Lease (0-5 HA)

14. Category of the Project/Activity

14.1. Item No. as per schedule to EIA Notification, 2006 \*

Activity: (a) Mining of minerals

Sub Activity: Select

15. Whether the Application for EC is being submitted for mining of Minor Mineral as New application or for re-appraisal under Ministry OM dated 28.04.2023? \*

Select

Now

Re-appraisal under Ministry OM dated 28.04.2023

16. Whether project is located in proximity of Protected Areas/Critical or Severely Polluted Area/Ecosensitive Area? \*

Select

17. Category of the Project as per EIA Notification, 2006 \*

B2

17.1. Whether proposal is required to be appraised at Central level?

Select

Now, PP will first create the project, against the created project pp is required to the thee caf followed by form 2.next required to fill the CAF ag and after this will start filling form 2. Form 2 (Application for EC for mining minerals of mine lease (0-5 HA) will open. Start filling the form and after selecting "Re-appraisal under the Ministry OM dated 28.04.2023", a field will appear for the Intimation ID. The Project Proponent (PP) is now required to enter the correct Intimation ID as received via email. Incorrect Intimation ID will prevent you from proceeding further. Fill the rest of the form and submit to MS SEAC for further consideration.

Form-2 Application for EC for Mining of Minor Minerals of Mine Lease (0-5 HA)

14. Category of the Project/Activity

14.1. Item No. as per schedule to EIA Notification, 2006 \*

Activity: (a) Mining of minerals

Sub Activity: Select

15. Whether the Application for EC is being submitted for mining of Minor Mineral as New application or for re-appraisal under Ministry OM dated 28.04.2023? \*

Re-appraisal under Ministry OM dated 28.04.2023

15.1. Intimation ID \*

Please enter intimation ID

16. Whether project is located in proximity of Protected Areas/Critical or Severely Polluted Area/Ecosensitive Area? \*

Select

For any query, please contact helpdesk:

Complaint module link: <https://parivesh.nic.in/complain/SelectUserLogin>

Toll free number: 1800119792



F. No. IA3-22/11/2023-IA.III (E 208230)  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

3<sup>rd</sup> Floor, Vayu Wing  
Indira Paryavaran Bhavan,  
Jor Bagh Road, New Delhi-110003

Dated: 15<sup>th</sup> March, 2024

**OFFICE MEMORANDUM**

**Subject: Extension of time period for compliance of order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change - reg.**

The Ministry vide OM dated 28<sup>th</sup> April 2023, in compliance of order dated 07.12.2022 passed by Hon'ble National Green Tribunal (Principal Bench) in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change, had provided a window period of one year for all SEIAAs to re-appraise the Environmental Clearances (ECs) issued by DEIAA from 15.01.2016 to 13.09.2018 and grant fresh ECs.

2. Subsequently, based on the representation received, the workflow for the re-appraisal of the ECs issued by DEIAA from 15.01.2016 to 13.09.2018 was integrated into the PARIVESH and the Ministry vide OM dated 15.01.2024 issued the SOP for reappraisal of ECs granted by DEIAA between 15.01.2016 and 13.09.2018. Further, the Hon'ble High Court of Kerala in WPC No.41139/2023 has directed to inform whether there is any proposal to extend the period for reappraisal of ECs already granted by DEIAAs through SEIAA beyond 28.04.2024 as the reappraisal process may not be completed within the specified time.

3. In this context, the Ministry has issued letters dated 11.08.2023 and 01.03.2024 to all the SEIAA/SEAC to submit the compliance report of OM dated 28.04.2023. The compliance report is yet to be received by the Ministry.

4. Now, the Ministry is in receipt of representation requesting for extension of time period provided in the OM dated 28.04.2023 mentioned above. Based on the facts mentioned above, the matter has been examined in detail. After due consideration, it has been decided that the time period of one year provided in the OM dated 28.04.2023

shall be extended for a further period of six months till 27.10.2024. All other terms and conditions mentioned in the OM dated 28.04.2023 shall remain the same.

5. This is issued with the approval of the Competent Authority.

  
(Sundar Ramanathan)  
Scientist E

To

1. The Chairperson/Member Secretaries of all the SEIAAs/SEACs.
2. The Chairman of all the Expert Appraisal Committees
3. The Chairpersons/Member Secretaries of all SPCBs/UTPCCs.
4. All the officers of IA Division

Copy for information to:

1. PS to Hon'ble MEF&CC
2. PS to Hon'ble MoS, EF&CC
3. PPS to Secretary, EF&CC
4. PPS to AS (TK)/ JS(SKB)
5. Website, MoEF&CC /Guard file

Item No. 01

(Court No. 2)

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI.**

(Through Physical Hearing with Hybrid VC Option)

Original Application No.142/2022  
(I.A. No.803/2023, I.A. No. 593/2023,  
I.A. No. 68/2022 and I.A. No. 17/2024)

Jayant Kumar

...Applicant

Versus

Ministry of Environment,  
Forest and Climate Change & Ors.

...Respondents

Date of hearing: 19.01.2024

Date of uploading: 18.04.2024

**CORAM: HON'BLE MR. JUSTICE ARUN KUMAR TYAGI, JUDICIAL MEMBER.  
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER.**

Applicant: Mr. Vikas Kumar Singh, Advocate (through VC).

Respondents: Mr. Ravindra Kumar Gupta, Advocate for respondent  
no. 1-MoEF&CC (through VC).  
Mr. Pradeep Misra, Advocate for UPPCB (through VC).  
Mr. Utkarsh Sharma and Mr. Sharad Chauhan,  
Advocates for respondents no. 5 and 6 (through VC).

**Application under Section 18 of the National Green Tribunal Act,  
2010 read with Rule 8 of the National Green Tribunal (Practice &  
Procedure) Rules, 2011**

**ORDER**

1. Mr. Jayant Kumar has filed the present application complaining about grant of mining lease to respondent no.5 (M/s. Sai Ram Enterprises) and respondent no.6 (M/s. C.S. Infra-construction Ltd.) on 5.10.2020 and 06.11.2020 respectively on the basis of environmental clearance by the District Environment Impact Assessment Authority (DEIAA), in violation of the judgment of the Hon'ble Supreme Court in **Deepak Kumar Vs. State of Haryana and others (2012), 4 SCC 629** and order dated 13.09.2018 passed by this Tribunal in **O.A. no.**

**186/2016 titled as Satendra Pandey Vs. Ministry of Environment, Forest and Climate Change and Another.**

2. Vide order dated 28.02.2022 this Tribunal constituted a Joint Committee comprising of State PCB, SEIAA and District Magistrate, Sonbhadra, (Uttar Pradesh) and directed the same to submit factual and action taken report within three months.

3. In compliance thereof report dated 30.06.2022 of the Joint Committee was filed vide email dated 01.07.2022. The relevant part of the report of the Joint Committee is reproduced as under:

***“Report of Committee constituted by Hon’ble NGT in the matter of O.A. No.-142/2022 in case of Jayant Kumar V/s MoEF & CC & Ors.***

X X X X X X

*That, in compliance of order dated 28.02.2022 passed by this Hon’ble Tribunal, the following committee has been constituted:-*

1. *Sri Umesh Chandra Sharma, Member SEAC, Lucknow.*
2. *Dr. T.N. Singh, Regional Officer, UPPCB, Sonbhadra.*
3. *Sri Ashutosh Kumar Dubey, ADM (NGWRS), Sonbhadra.*

*That, the members of the nominated committee along with other personnel of the concerned department examined the official record of both mining leases on dated 27.04.2022 and thereafter paid the visit on the site of the both lease hold areas.*

*That, the report of the factual position of both areas are mentioned as under:-”*

1. *That, the grievance of the applicant is that the mining was stalled on lease in violation of direction issued by Hon’ble Supreme Court in the case of Deepak Kumar Vs State of Haryana & Ors.(2012) 04 SCC 629 by breaking homogeneous blocks deliberately in smaller blocks to defeat the impact assessment of mining.*

2. *The Rule 10(1) of the Uttar Pradesh Minor Minerals (Concession) Rules, 2021 regarding extent of area for which a mining lease may be granted provides as under:-*

-3-

*"...10 (1) Extent of area for which a mining lease may be granted:-*

*(1) Minimum area for grant of a mining lease for sand or morrum or bajri or boulder or any of these in mixed state exclusively found in river shall ordinarily be five hectare and mineral found in the form of rock and not displaced from the place of its origin and other minor minerals shall be one hectare:*

*Provided that in case of non availability of such extent of area this sub rule shall not apply.*

*(2) No mining lease shall be granted in respect of any area which is not compact and contiguous or otherwise not suitable to scientific development:*

*Provided that in respect of small deposits not suitable to scientific mining in isolated patches, a Mining lease may be granted for a cluster of such deposits without any division.*

*(3) No person shall acquire in respect of any minor mineral, except sand or morram or bajri or boulder or any of these in mixed state exclusively found in river-bed, exceeding three mining lease, covering a total area of more than 25 Hectares:*

*Provided that mining leases in respect of sand or morrum or bajri or boulder or any of these in mixed state, exclusively found in the river bed exceeding two in number or total fifty Hectares in area shall not be granted in favour of any person in the State of Uttar Pradesh:*

*Provided further that if the State Government is of opinion that in the interest of mineral development, it is necessary so to do, it may for reasons to be recorded in writing permit any person to acquire one or more mining leases covering an area in excess of the limits mentioned above.*

*In response to the order of Hon'ble NGT dated 13.09.2018 in O.A. No. 186/2016, it has been mentioned in available documents of Mining Department, Sonbhadra that the referred leases were granted in the light of Uttar Pradesh Minor Minerals (Concession) Rules, 2021 as described above by the permission of District Magistrate, Sonbhadra vide letter No. 111/khanij/2018 dated 23.05.2018 to carved out the mining leases on Gatta no.7536 with other 03 Gattas as Gatta Nos. 4078, 4949 & 5593. As per order of District Magistrate, Sonbhadra, it has been directed to Mining Department, Sonbhadra to conduct detailed survey of available minerals in referred Gattas and be submitted. The detailed joint survey report had been submitted by the Geologist and Assistant Geologist, Mining Department, Sonbhadra vide its letter No. 267/Khanij/2018-19 dated 23.05.2018. In the referred survey report dated 23.05.2018, it was mentioned that Gatta No. 7536 had been carved out into 04 blocks of areas. However, out of the 04 mining*

*blocks, the concerned blocks as Khand No. 01 & Khand No. 03 has been mentioned below:-*

**A. Khand No. 01-** *This Khand is situated between 24°27'45.90" N to 24°27'54.94" and 83°01'57.00" to 83°02'10.77". This area has abundant mineable minerals but due to unsystematic mining in the past, the topography of the area has become undulatory and accordingly the available mineable mineral is approximately 6,93,667 cubic meter.*

**B. Khand No.03-***This Khand is situated between 24°27'34.68" N to 24°27'43.62" and 83°02'7.25" to 83°02'18.08" and contains 7,68,069 Cubic Meter mineable minerals.*

*As per report submitted by Mining Department, Sonbhadra, the tender was invited for e-auction of the above refereed 02 Blocks and other 02 as Khand No. 02 & Khand No. 04 and accordingly above concerned 02 blocks were allotted to M/s Sai Ram Enterprises, Village-Billi-Markundi, Obra, District-Sonbhadra (Khand No. 01) and M/s C.S. Infraconstruction, Village-Billi-Markundi, Obra, District-Sonbhadra (Khand No. 03).*

*Apart from those mentioned above, it has been mentioned in the revenue record that the Gatta No. 7536 has total area of 106.396 Hectare out of which 4.122 Hectare is private land, 60.1220 Hectare is Reserve Forest and rest area 42.1520 Hectare marked as 7536 Ga Mi is recorded in the name of PAHAD consisting of mineable minerals like Dolo Stone Boulders.*

*Khand No. 01 (Area-4.970 Hectares), Khand No. 02 (Area- 4.0 Hectares), Khand No. 03 (Area-4.0 Hectares) and Khand No. 04 (Area- 4.0 Hectares) are the parts of Gatta No. 7536 Ga Mi.(Area 42.1520 Hectare). Since this Gatta No. 7536 Ga Mi is very large in area, hence 04 blocks were carved out as Khand No. 01, 02, 03 & 04 for practical solution of e-auction leaving 100 meter area as minimum safety distance of the reserve forest on Gatta No. 7536 Gha.*

*The details of the mining leases in the area concerned have been provided by the Mining Department, Sonbhadra vide its Reference No.1090/khanij/2022 dated 28.06.2022 with all necessary documents with map of the area has been annexed with this report.*

*3. That, the Environmental Clearance for the concerned leases namely Khand No.01 and Khand No.03 were issued by the District Level Environmental Assessment Authority, Sonbhadra on 23.10.2018 and thereafter mining leases have been executed and registered in favour of respondents no. 05 and 06 on dated 05.10.2020 and 06.11.2020 respectively which is against the order dated 13.09.2018 passed by this Hon`ble Tribunal by which direction have been issued to MoEF & CC to take appropriate steps to revise the procedure laid down in the notification dated*

*15.01.2016 and in compliance of which MoEF & CC, Govt. of India issued on dated 12.12.2018 in which the working of District Level Environmental Assessment Authority, Sonbhadra was stopped.*

**4. That in view of above statutory provisions, it is evident that on 23.10.2018 the District Level Environmental Assessment Authority, Sonbhadra was legally working and the EC Issued to respondent no 5 and 6 is valid as well as in accordance with law.**

*Briefing the above mentioned facts, it is utmost to tell that these blocks are homogeneous in nature but heterogeneous for purpose of mining looking the topography of the area and capability of bidders interested for mining."*

4. Vide order dated 04.08.2022, notices were ordered to be issued to the respondents.

5. None appeared for Ministry of Environment, Forest and Climate Change (MoEF&CC) and District Magistrate, Sonbhadra.

6. Replies on behalf of respondent no. 2-State Environment Impact Assessment Authority, Uttar Pradesh (UPSEIAA) and respondents no. 5 and 6-project proponents were filed vide emails dated 01.09.2022 and 14.07.2022 respectively.

7. Objections to the report of Joint Committee and rejoinders to the replies of respondent no. 2 and respondents no. 5 and 6 were filed by the applicant vide emails dated 04.08.2022, 08.09.2022 and 02.09.2022 respectively.

8. Arguments were heard and judgment was reserved vide order dated 08.09.2022 but subsequently vide order dated 06.12.2022, the matter was ordered to be listed for further hearing in view of the detailed reasons mentioned therein. The relevant part of the order is reproduced as under:-

*“5. Arguments were heard and judgment was reserved vide order dated 08.09.2022.*

*6. However, while going through the material on record, we have observed that some material documents have not been furnished to this Tribunal and material aspects of the case have not been referred to and specific arguments in respect thereof have not been addressed during hearing of the case.*

*7. Vide order dated 13.09.2018 passed by this Tribunal in O.A. No. 186/2016 titled as Satendra Pandey vs. MoEFCC & Anr., the MoEF&CC was directed to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15<sup>th</sup> January, 2016 in terms of the directions given and observations made therein so that it is in conformity with the letter and spirit of the directions passed by the Hon’ble Supreme Court in Deepak Kumar vs. State of Haryana & Ors., (2012) 4 SCC 629. However, in the present case no reply/response has been filed by the MoEF&CC and response of MoEF&CC in respect of such revision of notification dated 15.01.2016 is essential for just and fair adjudication of the questions involved in the present case.*

*8. Further, we also find from the material on record that a joint meeting of SEIAA and SEAC was held on 05.02.2019 and it was decided that all mining cases of minor minerals having 0 to 5 hectare area will be appraised by UPSEIAA for Environment Clearance and all concerned project proponents will apply to UPSEIAA in Form I with other required supporting documents for this purpose. The Director, Directorate Environment and Director, Geology and Mining, vide orders dated 14.02.2019 requested to all the District Magistrates in the State of UP to act as per decision taken on 05.02.2019 by Joint Committee of SEIAA and SEAC. However, the project proponents, respondents no. 5 & 6 have claimed in their reply that thousands of other EC’s have been granted in the State of Uttar Pradesh and in other parts of the country in accordance with the legal regime established by the EIA Notification dated 15.01.2016 for grant of EC by DEIAA. Specific response from MoEF&CC and UPSEIAA in respect of compliance with order dated 13.09.2018 passed by this Tribunal in respect of such mining leases for mining to be carried out after 13.09.2018 is also essential for just and fair adjudication of the questions involved in the present case.*

*9. In the facts and circumstances of the case, we are of the considered view that the matter requires further specific response by MoEF&CC and UP-SEIAA and clarification/arguments with respect to all martial aspects of the case.*

*10. In view of the above, the Registry is directed to list the matter for further hearing on 07.12.2022.*

*11. Learned Counsels for the parties be informed about the date of hearing fixed by email accordingly.”*

9. The factual and legal contextual background giving rise to the environmental questions involved in the present case may also be briefly referred to here.

10. The Environment (Protection) Act, 1986 was enacted to implement the decisions taken at the United Nations Conference on the Human Environment held at Stockholm in June, 1972, in which India participated in so far as they related to the protection and improvement of environment and the prevention of hazards to human beings, other living creatures, plants and property.

11. Environment Impact Assessment Notification dated 14.09.2006 (hereinafter referred to as EIA Notification dated 14.09.2006) was issued under Sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986 for imposing certain restrictions and prohibitions on new projects or activities, or on the expansion or modernization of existing projects or activities based on their potential environmental impacts as indicated in the Schedule to the notification, being undertaken in any part of India unless prior environmental clearance has been accorded in accordance with the objectives of National Environment Policy as approved by the Union Cabinet on 18.05.2006 and the procedure specified in the notification by the Central Government or the State or Union Territory Level Environment Impact Assessment Authority.

12. EIA Notification dated 14.09.2006 was amended vide Notifications dated 15.01.2016, 20.01.2016 and 01.07.2016 whereby Environmental Clearance was made necessary even in area less than 5 hectares and provision was made that B-2 Category projects pertaining to mining of

minor mineral of lease area of less than or equal to five hectare shall require prior environmental clearance from DEIAA which shall base its decision on the recommendations of DEAC, as constituted for said notification.

13. Said amendments were challenged before this Tribunal by filing **O.A. No. 186/2016** titled as **Satendra Pandey vs. Ministry of Environment, Forest and Climate Change and Another** and connected applications. This Tribunal decided OA 186/2016, Satendra Pandey vs. MoEF & Ors. (supra) along with OA 200/2016, Rajeev Suri vs. Union of India; OA 580/2016, Badal Singh vs. Union of India & Ors.; OA 102/2017, Nature Club of Rajasthan (NGO) vs. Union of India & Ors.; OA 404/2016, Naresh Zargar vs. Ministry of Environment & Forest and Anr.; OA 405/2016, Rajeev Suri vs. Union of India & Anr. and OA 520/2016, Vikrant Tongad vs. Union of India vide order dated 13.09.2018. Relevant part of the order reads as under:-

*“21. Dispensing with the requirement of Public Hearing which forms a part of the Public Consultation under Stage-III of the Environmental Clearance process under EIA Notification, 2006 for areas measuring 0 to 25 ha for individual mine areas and in cluster situation where public hearing has been provided, has resulted in gross dilution of EIA Notification dated 14<sup>th</sup> September, 2006. Such dilution would, in our view, result in its misuse by unscrupulous elements and the situation would revert back to the lawless state prevailing prior to the decision in the case of Deepak Kumar (supra). Stringent measures are, therefore, necessary if the rampant exploitation of the minor minerals is to be curbed. This apparently was also the view of the Hon’ble Supreme Court in the case of Deepak Kumar (supra).*

*22. For all these reasons, we direct that the procedure laid down in the impugned Notification be brought in consonance and in accord with the directions passed in the case of Deepak Kumar (supra) by (i) providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25 ha falling under Category B-2 at par with Category B-1 by SEAC/ SIEAA as well as for cluster situation wherever it is not provided; (ii) Form-1M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant EC by*

*SEIAA instead of DEAC/DEIAA; (iii) if a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance; (iv) EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (supra) of the Guidelines for the purpose of recommendations 6, 7 and 8 thereof; (v) revise the procedure to also incorporate procedure with respect to annual rate of replenishment and timeframe for replenishment after mining closure in an area; (vi) the MoEF&CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present Value of Ecological Services forgone because of illegal or unscientific mining.*

*23. We have permitted retention of 0-5 ha as a category keeping in view that some States grant isolated single lease of 5 ha and less not falling in cluster situation for which stringent requirements in Form-1M will serve the purpose of providing safeguards for protection of the environment and sustainable mining of minor minerals. This is particularly true in smaller and mountainous States as will also appear from condition no. 2 under "The Issues and Management of Mining in Cluster" referred to earlier in para 20 of this order.*

*24. It is reiterated that any attempt to split the lease area for the purpose of avoiding the applicable regulatory regime shall be viewed seriously. This in our view will be in the interest of the environment as deliberated in detail in the case of Deepak Kumar (supra) and would also satisfy the Precautionary Principle and the Principle of Sustainable Development contemplated under Section 20 of the National Green Tribunal Act, 2010.*

*25. The MoEF&CC shall, therefore, take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016 in terms of the above directions and observations so that it is conformity with the letter and spirit of the directions passed by the Hon'ble Supreme Court in Deepak Kumar (supra).*

*The applications stand disposed of."*

14. In compliance of said order, MoEF&CC issued Office Memorandum (OM) No. F.No. L-11011/175/2018-IA-II(M) dated 12.12.2018. Relevant part of said OM reads as under:-

**Office Memorandum**

**Sub: Order dated 04<sup>th</sup> September, 2018 & 13<sup>th</sup> September, 2018 passed by the Hon'ble National Green Tribunal, New Delhi in O.A. No. 173 of 2018 & O.A. No. 186 of 2016 in the matters titled "Sudarsan Das Vs. State of West Bengal & Ors." & "Satendra Pandey Vs. Ministry of Environment Forest & Climate Change & Anr." respectively-regarding.**

*This is with reference to the recent order of the Hon'ble NGT dated 04<sup>th</sup> September, 2018 in the matter titled as Sudarsan Das Vs. State of West Bengal & Ors. and order dated 13<sup>th</sup> September, 2018 in the matter titled as Satendra Pandey Vs. Ministry of Environment Forest & Climate Change & Anr. Copy of the orders are enclosed herewith for ready reference.*

2. *The Hon'ble NGT vide order dated 13<sup>th</sup> September, 2018 in OA No. 186 of 2016 (Satendra Pandey Vs. Ministry of Environment Forest & Climate Change & Anr.) has inter-alia directed as follows:-*

- “(i) Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25 ha falling member Category B-2 at par with Category B-1 by SEAC/SEIAA as well as for cluster situation wherever it is not provided.*
- (ii) Form-1M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of DEAC/DEIAA;*
- (iii) if a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance;*
- (iv) EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (supra) of the Guidelines for the purpose of recommendations 6, 7 and 8 thereof;*
- (v) revise the procedure to also incorporate procedure with respect to annual rate of replenishment and timeframe for replenishment after mining closure in an area;*
- (vi) the MoEF&CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present Value of Ecological Services forgone because of illegal or unscientific mining.”*

3. *In view of the above, the undersigned is directed to forward the copy of the aforementioned orders for necessary compliance and inform the Ministry about the action taken. A copy of the same has been sent to the Chief Secretaries of all the States/UTs.”*

15. However, EIA Notification dated 14.09.2006, as amended vide notifications dated 15.01.2016, 20.01.2016 and 01.07.2016, was not suitably revised by MoEF&CC as directed by this Tribunal vide order

dated 13.09.2018 passed in Satendra Pandey's case (supra) which has not only created confusion but has also resulted in non-compliance with the same as demonstrated by the facts of the present case as well as hundreds/thousands of other cases.

16. Such confusion has even led to contradictory stands by the concerned authorities in different cases at different stages as demonstrated in the following paragraphs.

17. In **O.A. No. 474/2019** tilted as **Surender Singh Vs. MoEF&CC and Others**, in the report filed by the Joint Committee it was mentioned as under:-

*“VI. As per order of NGT dated 11.12.2018 a joint meeting of SEIAA and SEAC was held on 05.02.2019 and following decision was taken.*

*“In compliance of MoEF&CC, GOI, OM dated 12.12.2018, it is decided that all mining cases of minor minerals having 0 to 5 ha area will be appraised by UPSEIAA for Environment Clearance. All concerned project proponents will apply to UPSEIAA in Form-I with other required supporting documents on online MoEF&CC website [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in) to process the application for grant of prior environment clearance with immediate effect till further order.*

*VII. The Director, Directorate Environment and Director, Geology and Mining by their orders dated 14.02.2019 requested all the District Magistrate to act as per decision taken by Joint Committee of SEIAA and SEAC on 05.02.2019 as follows (Annexure-12).*

*“In compliance of MoEF&CC, GOI, OM dated 12.12.2018, it is decided that all mining cases of minor minerals having 0 to 5 ha area will be appraised by UPSEIAA for Environment Clearance. All concerned project proponents will apply to UPSEIAA in Form-I with other required supporting documents on online MoEF&CC website [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in) to process the application for grant of prior environment clearance with immediate effect till further order.”*

18. However, in the report of the Joint Committee filed in the present case no reference was made to the decision taken in the joint meeting of SEIAA and SEAC held on 05.02.2019 and orders dated 14.02.2019 conveyed by the Director, Directorate Environment and Director, Geology and Mining to all the District Magistrates in the State of U.P. On the other hand while referring to the provisions of the Uttar Pradesh Minor Minerals (Concession) Rules, 2021 and by completely ignoring directions given by Hon'ble Supreme Court in **Deepak Kumar's case** (supra) and order dated 13.09.2018 passed by this Tribunal in **Satendra Pandey's case** (supra) and OM dated 12.12.2018 issued by MoEF&CC, it has been submitted that on 23.10.2018, the District Level Environmental Assessment Authority was legally working and the EC issued to respondents no. 5 and 6 were valid as well as in accordance with law.

19. Pursuant to information given regarding listing of this case for further hearing, Mr. Ravindra Kumar Gupta, Advocate appeared for MoEF&CC.

20. This Tribunal observed in order dated 07.12.2022 that OM dated 12.12.2018 was issued by MoEF&CC for compliance with order dated 13.09.2018 passed by this Tribunal in **Satendra Pandey** (supra) whereas MoEF&CC was thereby required to revise Notification dated 14.09.2006 as amended by notifications dated 15.01.2016, 20.01.2016 and 01.07.2016 which were challenged in that case. The notification issued in exercise of statutory powers could be revised only by issuance of another notification in exercise of such statutory powers. OM dated 12.12.2018 issued in exercise of administrative powers could not be said to be due compliance of the order for revision of the notification.

21. Accordingly, MoEF&CC was directed, vide order dated 07.12.2022, to file an affidavit regarding compliance by it with order dated 13.09.2018 passed by this Tribunal in **Satendra Pandey** (supra). In case the notification had already been revised after 12.12.2018 then copy of the revised notification be filed before this Tribunal and in case, the notification had not been revised so far then the same be revised in consonance with the orders of Hon'ble Supreme Court and the Tribunal in the matter within one month and compliance report in this regard be filed within two months.

22. Further, this Tribunal observed in order dated 07.12.2022 that mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 were still continuing even after passing of order dated 13.09.2018 by this Tribunal in **Satendra Pandey** (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA were ordered to be brought in consonance with the directions given by Hon'ble Supreme Court in **Deepak Kumar** (supra) and order dated 13.09.2018 by this Tribunal in **Satendra Pandey** (supra) by re-appraisal by SEIAA and only such mining leases be continued which had been on re-appraisal granted environmental clearance by SEIAA.

23. Accordingly, MoEF&CC was directed vide order dated 07.12.2022 to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986. For this purpose, MoEF&CC was directed to collect information regarding such mining leases in which environmental clearance was granted by DEIAA and the period of which

had not yet expired and were still continuing in all the States and Union Territories and by issuing appropriate directions for compliance with directions given by Hon'ble Supreme Court in **Deepak Kumar's case** (supra) and order dated 13.09.2018 passed by this Tribunal in **Satendra Pandey's case** (supra) by re-appraisal for grant of EC by SEIAA. MoEF&CC was directed to file Action Taken report in this regard within two months.

24. Affidavit was filed by Mr. Pankaj Verma, Scientist 'E', MoEF&CC, New Delhi vide email dated 04.02.2023 mentioning about filing of civil appeals no. 3799-3800 in the Hon'ble Supreme Court titled as Union of India Vs. Rajeev Suri against orders dated 13.09.2018 and 11.12.2018 passed by this Tribunal in O.A No. 186 of 2016 titled as Satendra Pandey Vs. Ministry of Environment, Forest and Climate Change and E.A No. 55/2018 titled as Vikrant Tongad Vs. Union of India but learned counsel for the respondent no. 1 has conceded that mere filing/pendency of an appeal does not construed as stay of operation of the orders appealed against and sought time to file affidavit regarding compliance with order dated 13.09.2018 passed by this Tribunal in Satendra Pandey (supra).

25. In compliance of order dated 07.12.2022 passed by this Tribunal in the present case, MoEF&CC filed affidavit vide email dated 12.05.2023.

The relevant part of the affidavit reads as under:-

*“ADDITIONAL AFFIDAVIT ON BEHALF OF THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (RESPONDENT No. 1)*

X X X X

5. That it is mentioned that over the period of time Answering Respondent has complied with the directions passed by the Hon'ble NGT vide order dated 13.09.2018. That the Answering Respondent issued an Office Memorandum (OM) No. L-11011/175/2018 IA-II(M) vide dated 12.12.2018 addressed to the Chief Secretaries of all the States/UTs for necessary

compliance of direction issued by Hon'ble NGT. A copy of the OM No. L-11011/175/2018 IA-II (M) vide dated 12.12.2018 is marked and annexed herein as Annexure- R1/1.

6. That it is stated that some directions given in the said order have been implemented or are under consideration within the Ministry. The Answering Respondent has approach the Hon'ble Supreme Court against the NGT order dated 13.09.2018 and for upholding the Ministry's notification dated 15.01.2016, by way of a Civil Appeal in the matter titled C.A. No. 3799-3800 "Union of India Vs Rajiv Suri". Therefore, Ministry is yet to consider the direction regarding the revision of the Notification dated 15.01.2016 as the said matter is sub-judice before Hon'ble Supreme Court.

7. That it is stated that in pursuance to the Hon'ble NGT order and OM dated 12.12.2018, DEIAA is not functional and does not exist as on date. DEIAA 's work is now looked after by SEIAA w.e.f from 13.09.2018.

8. That the Answering Respondent has issued an OM vide dated 15.12.2021 stating that, "for all category B2 projects, the project proponent shall apply in Form-2 on PARIVESH portal along with requisite documents. The same is in compliance to the direction where it was asked that Form-1M be made more comprehensive for areas of 0 to 5 ha by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of by DEAC/DEIAA. Copy of the OM dated 15.12.2021 is marked and annexed herein as ANNEXURE R1/2

9. That in regard to the direction issued for the revised procedure to incorporate procedure with respect to annual rate of replenishment and timeframe for replenishment after mining closure in an area, the Answering Respondent formulated the guidelines i.e. "Enforcement & Monitoring Guidelines for Sand Mining" (EMGSM-2020) supplemental to the Sustainable Sand Management Guidelines, 2016 (SSMG-2016). In the new guidelines, detailed procedure for Replenishment Study has been incorporated.

10. That in compliance to the clause where the Ministry was required to prepare guidelines for calculation of the cost of restitution of damage caused to mined-out areas along with the Net Present Value of Ecological Services forgone because of illegal or unscientific mining. Hon'ble NGT vide its order dated 17.8.2020 and 26.2.2021 in the matter National Green Tribunal Bar Association v. Virender Singh (State of Gujarat); OA No. 360/2015 accepted the approach II as stated by the Central Pollution Control Board (CPCB) regarding the approach for calculating the scale of compensation and directed for its adoption for calculating the scale of compensation by all the States/UTs. In compliance of the same, the CPCB, vide letter dated 11.06.2021 issued directions under Section 5 of the Environment (Protection) Act, 1986 to all the States/UTs for the same. Copy of the letter issued by CPCB dated 11.06.2021 is marked and annexed herein as ANNEXURE R1/3

11. That it is reiterated that the Answering Respondent issued a notification S.O. 1886 (E) vide dated 20.04.2022 wherein, Environmental Clearances of all minor mineral irrespective of mine lease area shall be dealt at the level of State Level Impact Assessment Authority. The said notification is in compliance to

the (i) Deepak Kumar judgment, (ii) NGT order dated 13.09.2018 and (iii) the OM dated 12.12.2018. A Copy of the Ministry's Notification S.O. 1886 (E) dated 20.04.2022 is marked and annexed herein as ANNEXURE R1/4.

12. That in pursuance to the compliance of the order dated 07.12.2022 passed by this Hon'ble NGT regarding the re-appraisal of the EC's issued by DEIAA to be done by SEIAA. It is stated that Answering Respondent issued an OM F.No. IA3-22/11/2023-IA.III dated 28.04.2023, where all the valid ECs issued by DEIAA (between 15.01.2016 to 13.09.2018) shall be re-appraised through SEAC/SEIAA. The OM also specifies that scrutiny and appraisal of such ECs shall be based on the checklist provided therein. Copy of the OM F. No. IA3-22/11/2023-IA.III (E-208230) dated 28.04.2023 is marked and annexed herein as ANNEXURE R1/5.

13. That in compliance to the information sought from the Answering Respondent regarding such mining leases in which ECs were granted by DEIAA and the period of which has not yet expired, it is submitted that below mentioned is the information received from various SEIAAs across India as on 01.05.2023-

Total No. of Districts	Information received from Districts	Total valid ECs granted by DEIAA 15.01.2016 to 13.09.2018	States covered
749	108	4798	Assam (Partially), Goa, Madhya Pradesh, Meghalaya, Uttarakh and (Partially), Sikkim, Meghalaya. Note:- No EC granted by DEIAA in Manipur, Tripura, Chandigarh (U.T.), Puducherry.

14. That in view of the aforementioned facts and circumstances, this Hon'ble Tribunal may kindly be pleased to pass appropriate order(s).”

26. The relevant part of O.M. dated 28.04.2023, which granted validity for period of one year to mining leases in which EC was granted by DEIAA during the period from 15.01.2016 to 13.09.2018, reads as under:-

**“Subject: Compliance of order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change - reg.**

*The Hon'ble National Green Tribunal (Principal Bench), New Delhi vide order dated 13.09.2018 in O.A. No. 186 of 2016 (Satendra Pandey vs Ministry of Environment Forest & Climate Change & Anr) had observed that the Ministry's Notification S.O. 141(E) dated 15.01.2016 was not in consonance with the directions given by Hon'ble Supreme Court in the matter of Deepak Kumar Vs. State of Haryana and Others and passed certain directions.*

2. *In the above case, Hon'ble NGT had inter-alia directed that mining projects with lease areas of 0 to 5 ha are to be evaluated by State Level Expert Appraisal Committee (SEAC) for recommendation and grant of Environmental Clearance (EC) by State Level Environment Impact Assessment Authority (SEIAA) instead of District Level Environment Impact Assessment Authority (DEIAA). In compliance of the said directions, Ministry issued an OM dated 12.12.2018 addressed to Chief Secretaries of all the States/UTs directing to comply with the directions of Hon'ble NGT.*

3. *Subsequently, Hon'ble NGT vide its order dated 07.12.2022 in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change inter-alia observed that "mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Sntendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutorJ powers under the Environment (Protection) Act, 1986."*

4. *The matter has been examined in the Ministry and accordingly it has been decided that all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A.142 of 2022. In view of above, it is hereby directed that all*

concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a time period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM. The State Government may assess the existing workload of SEAC(s) and accordingly, send proposals for constitution of additional SEAC for a specified period to deal with such additional workload.

5. Further, in order to have a uniform approach across the country for such appraisal, SEIAA shall scrutiny and appraise the proposals based on the checklist provided below:

- i. Completely filled up Form-2 as per Ministry's OM dated 15.12.2021.
- ii. Pre-Feasibility Report (PFR) as per MoEF Guidelines dated 30.12.2010
- iii. Valid Mine Lease Document
- IV. Approved Mining Plan from the concerned Authorities
- v. District Survey Report approved by SEIAA as per Ministry's Notification S.O 3611(E) dated 25.07.2018
- vi. Implementation of "Sustainable Sand Mining Management Guidelines, 2016" and "Enforcement & Monitoring Guidelines for Sand Mining, 2020" in case of sand mining proposals.
- v i i Details of forest land involved in the mine lease area and availability of Stage-I/II Forest Clearance (FC) for diversion of forest land for non-forestry purpose.
- viii. Details of Eco Sensitive Zones (ESZ) and Eco Sensitive Areas (ESAs), National Parks, Wildlife Sanctuary, Coastal Zone, Water bodies and other ecological sensitive areas within/in the vicinity of the mine lease area and if so details of NOC/ Clearances obtained.
- ix. If any Schedule-I species is present in the study area, proof of submission of Wildlife Conservation Plan to the Forest Department.
- x. Cluster Certificate from State Mines and Geology Department.
- xi. Compliance of Hon'ble Supreme Court judgment dated 02.08.2017 passed in Common Cause vs Union of India Writ Petition (C) 114 of 2014.
- xii. Proposal of re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. in compliance to the direction dated 8th January, 2020 of Hon'ble Supreme Court in Writ Petition(s) Civil No. 114/2014, Common Cause

*vs Union of India & Ors.*

6. *The provisions of this OM shall be operational subject to the outcome of Civil Appeal No. 3799-3800 of 2019 titled Union of India vs Rajiv Suri filed by Ministry before the Hon'ble Supreme Court of India against the order dated 13<sup>th</sup> September, 2018 passed in O.A. No. 200 of 2016 (Rajiv Suri Vs UOI) & order dated 21<sup>st</sup> December, 2018 passed in R.A. No. 47 of 2018 (UOI Vs Rajiv Suri).*

7. *This is issued with the approval of the Competent Authority."*

27. Vide order dated 15.05.2023 learned Counsel for MOEF&CC was granted time to obtain instructions and file affidavit as to whether during the period the mining leases are to be reappraised through SEAC/SEIAA the mining will remain suspended or will continue.

28. In compliance thereof MOEF&CC filed affidavit vide email dated 25.05.2023 . The relevant part of the affidavit reads as under:-

*"3. It is submitted that, Hon'ble Tribunal vide order dated 15.05.2023 has directed the Ministry to inform;*

*"...as to whether during the period the mining leases are to be reappraised through SEAC/SEIAA the mining will remain suspended or will continue..."*

4. *It is humbly submitted that Environmental Clearances (EC) granted by District Level Environment Impact Assessment Authority (DEIAA) from 15.01.2016 to 13.09.2018 will continue to be valid for one year as per the Ministry's OM dated 28.04.2023, subject to the compliance of the conditions prescribed therein. A copy of the O.M dated 28.04.2023 is marked and annexed herein as **ANNEXURE R1/1.***

5. *That in view of the aforementioned facts and circumstances, this Hon'ble Tribunal may kindly be pleased to pass appropriate order(s)."*

29. In the present case ECs in favour of respondents no. 5 and 6 were issued by DEIAA on 23.10.2018 after 13.09.2018.

-20-

30. Vide order dated 04.12.2023 learned Counsel for MOEF&CC was granted time to file affidavit to clarify the position in respect of mining leases for which EC was granted by DEIAA after 13.09.2018 before the orders were conveyed to all concerned by issuance of O.M. dated 12.12.2018.

31. In compliance thereof MOEF&CC filed affidavit vide email dated 03.01.2024. Relevant part of the affidavit reads as under:-

*"4. It is submitted that, in compliance of the order passed by the Hon'ble Tribunal, vide dated 13.09.2018, the Ministry of Environment of Forest and Climate Change (MoEF&CC) has issued OM dated 12.12.2018 forwarding the order dated 13.09.2018 of Hon'ble NGT to all the States/UTs for necessary compliance. Further, the Ministry vide OM dated 28.04.2023 has granted validity for one year to mining leases in which Environmental Clearances granted by DEIAA during the period from 15.01.2016 to 13.09.2018.*

*5. It is submitted that further, in clarification to OM dated 28.04.2023, the Ministry has issued OM dated 03.11.2023 directing;*

*"3... In view of the above, it is further clarified that the ECs granted by DEIAA which are valid as on date shall continue to be valid for one year from the date of issue of OM dated 28.4.2023 unless the validity of the EC granted by DEIAA has lapsed prior to 28.4.2024 or until SEIAA has invalidated the EC granted by DEIAA after carrying out re-appraisal as outlined above, whichever is earlier..." A true copy of the OM dated 28.04.2023 is marked and annexed herein as **ANNEXURE RI / 1**.*

*6. In view of the above, it is most respectfully submitted that as per the OM(s) issued by the Ministry as described in Para 4 & 5 above, it is again clarified that all valid ECs granted by DEIAA from 15.01.2016 to 13.09.2018, will continue to be valid for one year from the date of issue of the Ministry's OM dated 28.04.2023 subject to the compliance of the conditions prescribed therein. Further, the ECs granted after 13.09.2018 to be governed by the Hon'ble NGT's order dated 13.09.2018."*

32. The relevant part of OM dated 03.11.2023 enclosed with above said affidavit reads as under:-

**“Subject: Clarification with reference to Ministry's OM dated 28.04.2023 in Compliance of order dated 07.12.2022 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forest and Climate Change .. reg.**

*This is with reference to the Ministry's OM dated 28.04.2023, wherein the Ministry has directed that, all valid Environmental Clearances (ECs) issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance of the order of the Hon'ble NGT in O.A.142 of 2022. It was also directed that all concerned SEACs shall re- appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be issued by SEIAAs based only after such appraisal. The re-appraisal by SEIAA shall be completed within a time period of one year from the date of issue of OM dated 28.04.2023.*

*2. In this regard, the Ministry has filed an affidavit before the Hon'ble NGT on 25.05.2023 in OA No. 142 of 2022 in the matter of Jayant Kumar Vs. MoEFCC & Ors., stating that all valid ECs granted by DEIAA from 15.01.2016 to 13.09.2018, will continue to be valid for one year from the date of issue of the Ministry's OM dated 28.04.2023 subject to the compliance of the conditions prescribed therein.*

*3. In view of the above, it is further clarified that the ECs granted by DEIAA which are valid as on date shall continue to be valid for one year from the date of issue of OM dated 28.4.2023 unless the validity of the EC granted by DEIAA has lapsed prior to 28.4.2024 or until SEIAA has invalidated the EC granted by DEIAA after carrying out re-appraisal as outlined above, whichever is earlier.*

*4. This is for necessary action and compliance please.*

*5. This is issued with the approval of the Competent Authority.”*

33. In view of affidavit filed vide email dated 03.01.2024 MoEF & CC is directed to issue O.M. prohibiting continuance of mining all over India under mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 with the exception in respect of cases where ECs granted by DEIAA for such mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA.

34. CPCB is directed (a) to obtain and compile information regarding (i) mining leases executed on the basis of ECs granted by DEIAA from

15.01.2016 to 13.09.2018 all over India and (ii) mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 all over India from the concerned SPCBs and UTPCCS within one week and (b) direct SPCBS and UTPCC (i) to send status report in compiled tabulated form regarding reappraisal by SEIAA of all the mining leases executed on the basis of ECs granted by DEIAA from 15.01.2016 to 13.09.2018 all over India within two weeks and (ii) to revoke consent and issue closure orders in respect of mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 with the exception in respect of cases where ECs granted by DEIAA for such mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA and send compliance report in respect thereof to CPCB within two weeks.

35. The CPCB and MoEF & CC are directed to file action taken reports in this regard within one month by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF.

36. In the present case the applicant filed I.A. No. 17/2024 for issuance of direction for suspension of illegal mining operations, cancellation of mining leases and recovery of environmental compensation from respondents no. 5 and 6.

37. Respondents No. 5 and 6 claimed that respondent no. 5 had already approached SEIAA for appraisal of the mining lease on which SEIAA had granted EC dated 11.01.2024 and respondent no. 6 had surrendered the mining lease to the District Magistrate.

38. Vide order dated 12.01.2024 respondent no. 5 was directed to file copy of EC dated 11.01.2024 and the District Magistrate, Sonbhadra was

directed to send his report regarding surrender of mining lease by respondent no. 6.

39. In compliance thereof copy of EC dated 11.01.2024 granted by UPSEIAA has been filed by respondent no. 5. In view thereof respondent no. 5 is entitled to continue with the mining in terms thereof.

40. Affidavit has been filed by respondent no. 6 stating that respondent no. 6 had surrendered mining lease vide letter dated 12.01.2022 to the District Magistrate/Chief Mine Officer, Sonbhadra.

41. The District Magistrate has filed report dated 16.01.2024 vide email dated 17.01.2024 in this regard as directed by this Tribunal. In the report it has been mentioned that respondent no. 6- M/s. C.S. Infra Construction Ltd. submitted application dated 04.05.2022 that it had stopped mining since November 2021 and requested that action for cancellation of the lease be taken on application dated 12.01.2022. The relevant document were not submitted with the same due to which no action was taken on the said application. It has been further mentioned in the report that letter dated 28.11.2023 was written by his office to respondent no. 6- M/s. C.S. Infra Construction Ltd. for deposit of installment, DMF, TCS against which respondent no. 6- M/s. C.S. Infra Construction Ltd. had filed writ petition no. 42429/2023 titled as C.S. Infra Construction Ltd. Vs. State of U.P. and others. The mining site was inspected on 22.12.2023 and it was reported that no mining is being done in the mining lease area and no E-MM-11 was generated after 2.11.2021.

42. The District Magistrate, Sonbhadra and Director Mining and Geology, U.P. are directed to take further action regarding surrender of the mining lease by respondent no. 6- M/s. C.S. Infra Construction Ltd.

in accordance with law and closure of the mine as per mining plan and respondent no. 6- M/s. C.S. Infra Construction Ltd. will not be entitled to carry on any mining lease area in question.

43. The questions which survive in the present case on the present original application are now limited to adjudication of validity of the mining leases executed in favour of respondents no. 5 and 6 on the basis of EC granted by DEIAA after 13.09.2018 and liability of respondents no. 5 and 6 to pay environmental compensation for the past violations and the parties are given opportunity to address oral arguments and file written arguments if so desired on the above questions on the date of hearing hereby fixed.

44. List on 22.05.2024 for further consideration.

45. Arguments on I.A. no. 17 of 2024 and any other pending IA will also be heard on that date.

46. A copy of this order be sent by e-mail to the Secretary, MOEF&CC and Member Secretary, CPCB for requisite compliance.

Arun Kumar Tyagi, JM

Dr. Afroz Ahmad, EM

April 18<sup>th</sup> 2024.  
AG

F. No. IA3-22/11/2023-IA.III (E 208230)  
 Government of India  
 Ministry of Environment, Forest and Climate Change  
 (Impact Assessment Division)

**Annexure R-1/14**

3<sup>rd</sup> Floor, Vayu Wing  
 Indira Paryavaran Bhavan,  
 Jor Bagh Road, New Delhi-110003  
 Dated: 7<sup>th</sup> May, 2024

**OFFICE MEMORANDUM**

**Subject: Compliance of order dated 18.04.2024 passed by Hon'ble NGT in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change - reg.**

The Ministry vide OM dated 28.04.2023, in compliance of order dated 07.12.2022 passed by Hon'ble National Green Tribunal (Principal Bench) in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change, had provided a window period of one year for all SEIAAs to re-appraise the Environmental Clearances (ECs) issued by DEIAA from 15.01.2016 to 13.09.2018 and grant fresh ECs.

2. Subsequently, based on the representation requesting for extension of time period provided in the OM dated 28.04.2023 mentioned above, the Ministry vide OM dated 15.03.2024 extended the time period for re-appraisal of ECs issued by DEIAA by a further period of six months till 27.10.2024.

3. Now, Hon'ble National Green Tribunal vide order dated 18.04.2024 in O.A.142 of 2022 (*copy enclosed*) mentioned above, has *inter-alia* directed that:

*MoEF&CC is directed to issue O.M. prohibiting continuance of mining all over India under mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 with the exception in respect of cases where ECs granted by DEIAA for such mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA.*

4. In view of the above direction of Hon'ble National Green Tribunal, it is hereby directed that continuance of mining all over India under mining leases executed on the basis of ECs granted by DEIAA after 13.09.2018 is prohibited with the exception in respect of cases where ECs granted by DEIAA for such mining leases have been reappraised and found valid by SEIAA or fresh ECs have been granted by SEIAA.

5. This is issued with the approval of the Competent Authority.

  
 (Sundar Ramanathan)  
 Scientist E

Encl: as above.

To

1. The Secretary, Ministry of Mines, Government of India
2. The Chairperson/Member Secretaries of all the SEIAAs/SEACs.
3. The Chairman of all the Expert Appraisal Committees

4. The Chairpersons/Member Secretaries of all SPCBs/UTPCCs.
5. All the officers of IA Division

Copy for information to:

1. PS to Hon'ble MEF&CC
2. PS to Hon'ble MoS, EF&CC
3. PPS to Secretary, EF&CC
4. PPS to AS (TK)/ JS(SKB)
5. Website, MoEF&CC /Guard file