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Government of India

Ministry of Environment, Forest & Climate Change

J&K ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

(a.t) DEPARTMENT OF ECOLOGY, ENVIRONMENT AND REMOTE SENSING

S.D.A. Colony, Bemina, Srinagar-190018 (May-Oct) / Paryavaran Bhawan, Transport Nagar, Gdndi, Jammu-180006 (Nov-Apr),

Email: jksciaa@gmail.com, website: www.pafvcsht.nic.in



MINUTES OF THE MEETING

In pursuance to the Minutes of the 69th Meeting of the JK Expert Appraisal Committee held on 05th November, 2021 through video conferencing issued vide No.EAC/JK/21/10684-10695, dated: 08-11-2021, the 64th Meeting of the JK Environment Impact Assessment Authority was held on 13th November, 2021 at 1100 Hrs. through video conferencing.

The following attended the meeting:-

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| 1. Mr. Lal Chand, IFS(Retd.) | Chairman, JKEIAA |
| 2. Er. Nazir Ahmad (Retd. Chief Engineer) | Member, JKEIAA |
| 3. Dr. Neelu Gera, IFS, Pr.CCF/Director,
EE&RS, J&K. | Member-Secretary, JKEIAA |

Following are the deliberations & decisions of the meeting:-

Agenda Item No.01.

Grant of Environment Clearance in favour of M/S Sai Mines R/o. Logate, Tehsil and District Kathua, JK UT for Riverbed Mining Project of Minor Mineral Block No-02, River Suran Upstream Sher-e- Kashmir Bridge Part-II, Village-Mangnar & Kunoyian, Tehsil & District-Poonch, JK UT area 7.47ha. under proposal No.SIA/JK/MIN/59661/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category for Riverbed Mining Project of Minor Mineral Block No-02, River Suran Upstream Sher-e-Kashmir Bridge Part-II, Village-Mangnar & Kunoyian, Tehsil & District-Poonch, JK UT area 7.47ha.LOI has been issued on 21-07-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 15-12-2020. The case was earlier discussed by the JKEAC on 13-03-2021. The Terms of Reference were issued to the project on 30-03-2021 and public hearing of the project was conducted on 18-08-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs(conditionally) in favour of the project.

Deliberations/specific observations of JKEAC:

- The project had earlier been discussed during 29th meeting held on 13.03.2021 during which the Committee recommended TORs to the project subject to title verification of the mining block and exclusion of the private land if any involved due to change of nalla course and further subject to revision of project cost. The PP has obtained title verification of the land under the block.

- b) From the perusal of Public Hearing notes, it appears that the general mood amongst the people is not in favour of mining activity in the area probably due to the apprehension that as soon as mining activity begins, their Kuhl and canals will be left high and dry and that the agricultural production will suffer for want of adequate water supply for irrigation. They seem not to have been satisfied with the assurances being given to them in this regard.
- c) Since, livelihood security of the local population, a top environmental concern needs to be assessed, the JKEAC feels that the matter should be reassessed and re-verified on ground to ensure that genuine public concerns are addressed properly. The gravity of situation can be gauged from the fact that the people during public hearing have given the authorities to understand that if their grievances /concerns are not addressed, there may arise a situation where they may be forced to leave the area.
- d) In the above context, the Concerned Dy. Commissioner needs to constitute a committee comprising of Xen Irrigation, Xen Flood Control, Tehsildar concerned and the representatives of PRI to go through the concerns highlighted in the public hearing report and to evolve comprehensive proposals including engineering works which will ensure uninterrupted flow of water in the existing kuhl along the banks of Suran river, the cost thereof shall have to be met by the project proponent.
- e) The Committee further observed features on Google Image, presumably indicative of an off-take point of irrigation kuhl in the vicinity of the mining block and desired project proponent to obtain field verification of same by the concerned Xen Irrigation Dept. In case, it is found that such irrigation facility is not existing, same needs to be recorded by the concerned hydraulic engineer with consent of local PRI with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhl offtake point, if any within 200m of the mining block boundary stating that there are no irrigation off-take points in the vicinity of the mining block that could adversely affect the irrigation works in the area.
- f) The active water channel passing through the mining block would require to be excluded.
- g) Illegal mining activity would also have to be explained and the Committee would require a certificate from the competent authority to be satisfied that the project proponent is not responsible for such activity.
- h) The EIA Report lacks photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data.
- i) Project cost has been underestimated by the consultant as it does not include cost of EMP and CER.
- j) Mining plan would require denovo approval by the competent authority.
- k) Proposal indicates a mining depth of 3 m and bulk density of 2.25. For the proposal to pass the scrutiny needs to adopt a mining depth of max. 1m and bulk density of 2 in absence of replenishment study and ground based measurements.

Recommendations of the JKEAC:

1. In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not approve the project in its present form.
2. The PP, if he so desires, can approach JKEIAA for reconsideration of the case after complying with the observations and incorporating changes as indicated herein above.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC not to approve EC in the present form in view of strong apprehension of public that mining activity shall adversely affect flow in Kuhl's and canals taking off in vicinity of mines and as a result agricultural production will suffer. The Authority is of the view that case shall be reconsidered after field verification report of concerned Executive Engineer Irrigation Dept. and report of committee proposed by JKEAC is received from Deputy Commissioner. Secretary JKEIAA shall forward copy of deliberations/ decision to concerned DC and Xen Irrigation accordingly. PP may resubmit the case again after complying with the observations and incorporating changes as recommended by JKEAC.

Agenda Item No.02.

Grant of Environment Clearance in favour of M/S Kesri Nandan Mines R/O Logate Tehsil & District Kathua, JK UT for Riverbed Mining Project of Minor Mineral Block No-29, Suran River Upstream Dhara Morha Foot Bridge Dhara Morha Area, District-Poonch, JK UT, area 8.50ha. under proposal No. SIA/JK/MIN/59755/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category for Riverbed Mining Project of Minor Mineral Block No-29, Suran River Upstream Dhara Morha Foot Bridge Dhara Morha Area, District-Poonch, JK UT, area 8.50ha. LOI has been issued on 21-07-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 15-12-2020. The case was earlier discussed by the JKEAC on 10-03-2021. The Terms of Reference were issued to the project on 25-03-2021 and public hearing of the project was conducted on 22-09-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs(conditionally) in favour of the project.

Deliberations/specific observations of JKEAC:

- a) The project had earlier been discussed during 28th meeting held on 10.03.2021 during which the Committee recommended TORs to the project subject to report on illegal mining from the Multi Dept. Committee with necessary feedback from the local panchayat. The Committee expressed its dismay at non-compliance of the condition under which the TORs had been granted.
- b) A complaint dated 06-07-2021 forming part of the documentation uploaded on the portal has been filed by the local panchayat representatives addressed to the JKEIAA with a copy to Chairman, JKPCB and the District Development Commissioner, Poonch in which the complainants have opposed the mining activity citing adverse environmental issues.
- c) From the Google Images of May, 2021, it is evident that heavy Illegal mining activity still continues and that the river bed material reserves appear to have been nearly mined out to a large extent. The depletion of reserves is also supported by the findings of the Multi Dept. District level Task Force (MDLTF) Cell dated 28-06-2021 which also reads that some parts of the block have not got replenished properly and may get replenished during the coming monsoon.

- d) The JKEAC cannot make its decision on assumptions of possible replenishment and desires that the mining block be put to rest for at least two years before it is again proposed for mining operations.

Recommendations of the JKEAC:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not approve the project.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC not to approve EC.

Agenda Item No.03.

Grant of Environment Clearance in favour of Shri Karanvir Singh S/O- Shri Surinder Singh R/O- Lane No 3 Saheed Udham Singh Nagar District Pathankot, Punjab, for Minor Mineral Block 2/4, in Nowshera Tawi River, Downstream Muradpur Bridge, Village Narian, District Rajouri, JK UT, area 9.37ha. under proposal No.SIA/JK/MIN/60806/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category for Minor Mineral Block 2/4, in Nowshera Tawi River, Downstream Muradpur Bridge, Village Narian, District Rajouri, JK UT, area 9.37ha. LOI has been issued on 06-08-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 05-01-2021. The case was earlier discussed by the JKEAC on 10-03-2021. The Terms of Reference were issued to the project on 25-03-2021 and public hearing of the project was conducted on 08-09-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs(conditionally) in favour of the project. NOC from revenue department has not been included.

Deliberations/specific observations of JKEAC:

- a) The project had earlier been discussed during 28th meeting held on 10.03.2021 during which the committee recommended grant of ToRs in favour of the project subject to prior NOC from competent authority in Forest Dept. and to resize/reduce the area near the corner so that forest land, if it is so, is excluded.
- b) Though the Forest Dept. has issued NOC to the mining block and termed the block as non- forest, yet the NOC issued is on a generalized format without mentioning the coordinates of and distance between the nearest pillar of Forest boundary to the pillar-A of the mining block. Since, as per digital forest boundary, though on a course scale, appears to be traversing through the block near pillar-A, necessary clarification with coordinates of forest pillar and mining block needs to be obtained from the forest dept. before proceeding further in the matter.
- c) The PP has failed to submit title verification of the land under the mining block although the locals have raised the issue of proper demarcation and segregation of private land during the public hearing.

- d) The examination of mining block on Google Earth platform revealed features that are presumably suggestive of many irrigations off-take points in the vicinity of the mining block. The Committee desired clarification from the concerned Xen Irrigation Dept. but there was no one present to clarify the doubt as the NOC issued by the concerned Dept. was found to be in a generalized format and not specific to the ground realities.
- e) Therefore, the Committee desired project proponent to obtain field verification report of same from the concerned Xen Irrigation Dept. In case, it is found that such irrigation facility is not existing, same needs to be recorded by the concerned hydraulic engineer with consent of local PRI with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Khul off-take points, if any within 200m of the mining block boundary stating that there are no irrigation off-take points in the vicinity of the mining block that could adversely affect the irrigation works in the area.
- f) Exclusion of active water channel while calculating the targeted mineral production.
- g) Illegal mining activity detected in the mining block and in its close vicinity as per features on Google image of May, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell.
- h) The compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the date of collection of data is missing in EIA report.
- i) Project cost has been underestimated by the consultant as it does not include cost of EMP and CER.
- j) EMP budget needs to be revised with appropriate budget.
- k) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, targeted mineral production and replenishment and its denovo approval by the competent.
- l) Mining depth of 3 m & a bulk density of 2.25 given in the mining plan not agreed by the committee. Therefore, the same need to be revised while calculating the revised targeted mineral production as per minimum standards fixed by the Committee in absence of replenishment data and actual field measurements.

Recommendations of the JKEAC:

1. In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not agree to recommend the case for grant of EC in the present form.
2. The PP if he so desires, can approach JKEIAA for reconsideration of the case after complying with the requirements / observations as made herein above.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC not to approve EC in the present form. The Authority is of the view that case shall be reconsidered only after field verification report of concerned Executive Engineer Irrigation Dept. proposed by JKEAC is received. It is further subject to fulfillment of other conditions/ observations of JKEAC listed herein above. PP may resubmit the case again after complying with the requirements/observations as made by JKEAC.

Agenda Item No.04.

Grant of Environment Clearance in favour of Shri Karanvir Singh S/O- Shri Surinder Singh R/O- Lane No 3 Saheed Udham Singh Nagar District Pathankot, Punjab, for Minor Mineral Block 3/5, in Nowshera Tawi River, Downstream Nowshera Jabba Bridge, Village Bagnoti, District Rajouri, JK UT, area 9.62ha. under proposal No. SIA/JK/MIN/60807/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category for Minor Mineral Block 3/5, in Nowshera Tawi River, Downstream Nowshera Jabba Bridge, Village Bagnoti, District Rajouri, JK UT, area 9.62ha. LOI has been issued on 18-08-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 05-01-2021. The case was earlier discussed by the JKEAC on 10-03-2021. The Terms of Reference were issued to the project on 25-03-2021 and public hearing of the project was conducted on 11-09-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs (conditionally) in favour of the project. However, NOC of revenue department is without the verification of the title of the land.

Deliberations/specific observations of JKEAC:

- a) The project had earlier been discussed during 28th meeting held on 10.03.2021 during which the committee recommended ToRs in favour of the project subject to NOC from I&FC Dept.
- b) Specific NOC from the Revenue Dept. w.r.t land title has not been obtained and the same need to be submitted prior to grant of EC.
- c) Illegal mining activity detected in the mining block and its vicinity as per features on Google image of May, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell, prior to grant of formal EC. In case it is reported that the PP has been involved in the mining activity in the designated mining block, the process for grant of EC shall not be proceeded with.
- d) The Committee observed that the active water channel passes through the blocks dividing the block into three distinct shoals out of which two shoals lying on the side of villages Bagnoti-Kheri were not found technically feasible due to issues including illegal mining and existence of irrigation offtake point. However, the Committee is of the opinion that the dry shoal lying on the other side (Eastern side i.e on the left side of the river measuring Approx. 1.55 Ha) can be considered for mining activity. Accordingly, it was desired that the consultant shall revisit the site and come up with a detailed revised haulage route, prior to grant of EC.
- e) The Committee further desired the Xen Irrigation Division should revisit the site for identification of the Kuhl offtake points, if any, indicating distance thereof from the proposed mining block and issuance of a specific NOC to the effect that mining operations in the proposed mining block shall not adversely affect the irrigation water supply. The local PRIs /stakeholders may also be taken in to confidence in this regard.
- f) The JKEAC desired that the conditions of NOC need to be adhered to in letter and spirit in close supervision of the stakeholder departments.

- g) The compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of data missing in EIA report needs to be submitted prior to grant of EC.
- h) Project cost has been underestimated by the consultant as it does not include cost of EMP, CER and therefore needs to be revised, prior to grant of EC.
- i) EMP/CER budget needs to be revised with appropriate budget as suggested in the remark's column.
- j) Revision of the mining plan with mine closure plan, revised mining depth, revised area, surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority prior to grant of EC or as decided by JKEIAA.
- k) Mining depth of 3 m & a bulk density of 2.25 given in the mining plan not agreed by the committee. Therefore, the same need to be revised while adopting maximum mining depth of 1m and bulk density of 2.0 for calculating the revised targeted mineral production.

Recommendations of the JKEAC:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for the grant of environmental Clearance subject to: -

- a) Standard and Specific Conditions as per Annexure B to the Minutes of JKEAC Meeting.
- b) Compliance of observations made here-in-above under deliberations, prior to grant of EC.
- c) Submission of title verification from the revenue department, prior to grant of EC.
- d) Submission of revised haulage route and to submit the updated PFR/ EIA prior to grant of EC.
- e) Clarification/certification from Irrigation Dept. as indicated here-in- above, prior to grant of EC.
- f) Clarification from the Multi Dept. District level Task Force (MDLTF) Cell as per deliberations here-in-above, prior to grant of formal EC.
- g) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.
- h) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
- i) Maximum targeted mineral production of 31000 MT.
- j) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

Decisions of JKEIAA:

After due deliberations the authority upheld the recommendations of JKEAC to grant Environment clearance for dry shoal on the left side of the river measuring 1.55ha only subject to fulfillment of following conditions:

- a) Full compliance of Standard and Specific Conditions as per Annexure B to the Minutes of JKEAC Meeting.
- a) Compliance of observations made by JKEAC as listed here-in-above.

- b) Submission of title verification from the revenue department, prior to grant of EC.
- c) Submission of revised haulage route and to submit the updated PFR/ EIA prior to grant of EC.
- d) Clarification/certification from Irrigation Dept. as indicated here-in- above, prior to grant of EC.
- e) The MDLTF Cell headed by the concerned Dy. Commissioner shall submit a report to the effect that PP is not involved in the illegal mining activity, within a period of six weeks or before execution of lease of minor mineral block, whichever is earlier, failing which the EC is liable to be revoked.
- f) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, with maximum targeted mineral production of 31000 MT and its approval by the competent authority within a period of three months from the date of issuance of E.C.
- g) Revision of EMP/CER Budget as suggested by JKEAC.
- h) While issuing EC, Member Secretary shall specifically mention revised geographical coordinates for revised area conveyed by G&M Dept.
- i) Compliance to the specific ToR condition relating to photographs of display screen displaying the date of collection of data within six months of grant of formal EC.
- j) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.
- k) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
- l) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPC in view of non-availability of replenishment data.

Agenda Item No.05.

Grant of Environment Clearance in favour of Shri Karanvir Singh S/O- Shri. Surinder Singh R/O- Lane No 3 Saheed Udham Singh Nagar District Pathankot, Punjab, for Minor Mineral Block 2/3, in Nowshera Tawi River, Downstream Muradpur Bridge, Village Chattiar, District Rajouri, Jammu and Kashmir, Area 9.93ha. under proposal No. SIA/JK/MIN/60805/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category for Minor Mineral Block 2/3, in Nowshera Tawi River, Downstream Muradpur Bridge, Village Chattiar, District Rajouri, Jammu and Kashmir, Area 9.93ha. LOI has been issued on 06-08-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 05-01-2021. The case was earlier discussed by the JKEAC on 10-03-2021. The Terms of Reference were issued to the project on 25-03-2021 and public hearing of the project was conducted on 08-09-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs (conditionally) in favor of the project.

Deliberations/specific observations of JKEAC:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 28th Meeting held on 10/03/2021 during which the Committee had recommended ToRs to the project subject to Multi-dept. report on illegal mining with feedback from the local panchayat representatives and title verification.
- b) Heavy illegal mining activity was again observed by the Committee as per features on Google image of May, 2021 for which the report of Multi Dept. District level Task Force (MDLTF) Cell constituted by the Govt. says that the PP is not involved in the illegal mining activity in the designated mining block.
- c) In view of depletion of river bed material owing to illegal mining observed on the Google image, the project proponent would require to obtain a 'fit for mining' certificate from the G&M Dept. prior to grant of EC.
- d) The Committee observed that a permanent active water channel bifurcates the block into two dry shoals and therefore, opined that due to limited options of haulage route, only the dry shoal measuring 7.88 Ha located in the north towards upstream could be considered for mining activity with minimum environmental implications, provided adequate budget is kept for laying Hume pipes across the channel near Pillar –A. The PP would require to revise the PFR and EIA for the haulage route, accordingly.
- e) In case of damage to the existing structures and same being traced as emanating from the mining operations, damages would have to be restored by the project proponent and an undertaking to this effect needs to be given to owners of such assets. Undertakings shall constitute a part of documentation for the case.
- f) Revision of the mining plan with mine closure plan, revised mining depth, revised area, revised surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority prior to grant of EC or as decided by JKEIAA.
- g) The ToR condition relating to submission of photographs of display screen of the air quality monitoring station showing data with dates of collection of the baseline data has not been in the EIA report which needs to be submitted prior to grant of EC.
- h) Mining depth of 3.00 m and Bulk density of 2.25m in mining plan not agreed by the Committee.
- i) Mining depth be restricted to max.1m in aggregate in view of non-availability of replenishment data in the DSRs formulated by the G&M Dept. A nominal bulk density of 2.00m be applied in absence of actual field measurements.

Recommendations of the JKEAC:

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee recommended the project for grant of EC subject to: -

- a) Standard and Specific Conditions as per Annexure B to the Minutes of JKEAC Meeting.
- b) Submission of compliance to the observations made here-in-above under deliberations, prior to grant of EC.
- c) Revision of PFR/EIA with revised haulage route from the pillar –A.
- d) Submission of 'Fit for mining Certificate' from the G&M Dept., prior to grant of EC.
- e) Submission of consent of local panchayat and field verification report from concerned Xen, Irrigation Dept. on the observations made by the Committee with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhls/canals off-take points with annotations, if any within 200m of the mining block

boundary, stating therein that there are no irrigation off-take points in the vicinity of the mining block or otherwise that could adversely affect the irrigation works in the area, prior to grant of formal EC.

- f) Maximum targeted mineral production of 94,500 MT.
- g) Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.
- h) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
- i) Condition the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- j) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

Decisions of JKEIAA:

After due deliberations, the authority upheld the recommendations of JKEAC to grant Environment clearance to the project only for 7.88ha area of the dry shoal located in the north towards upstream subject to fulfillment of following conditions:

- a) Full compliance of Standard and Specific Conditions as per Annexure B to the Minutes of JKEAC Meeting.
- b) Submission of compliance to the observations made here-in-above under deliberations, prior to grant of EC.
- c) Revision of PFR/EIA with revised haulage route from the pillar –A.
- d) Submission of 'Fit for mining Certificate' from the G&M Dept., prior to grant of EC.
- e) Submission of consent of local panchayat and field verification report from concerned Xen, Irrigation Dept. on the observations made by the Committee with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhls/canals off-take points with annotations, if any within 200m of the mining block boundary, stating therein that there are no irrigation off-take points in the vicinity of the mining block or otherwise that could adversely affect the irrigation works in the area, prior to grant of formal EC.
- f) In case of damage to the existing structures and same being traced as emanating from the mining operations, damages would have to be restored by the project proponent and an undertaking to this effect needs to be given to owners of such assets. Undertakings shall constitute a part of documentation for the case.
- g) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, with maximum targeted mineral production of 95400 MT and replenishment and its approval by the competent authority within a period of three months from the date of issuance of E.C.
- h) Revision of EMP/CER Budget as suggested by JKEAC.
- i) While issuing EC, Member Secretary shall specifically mention revised geographical coordinates for revised area conveyed by G&M Dept.
- j) Compliance to the specific ToR condition relating to photographs of display screen displaying the date of collection of data within six months of grant of formal EC.

- k) Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.
- l) Adequate budget be kept for laying of hume-pipes across the channel near pillar A.
- m) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
- n) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

Agenda Item No.06.

Grant of Environment Clearance in favour of M/S Singh Minerals R/O Near Kali Mata Mandir, Kollu Wali Gali, Pathankot. for Minor Mineral Block No. 04 in Naj Nallah Upstream Naj Bridge, District Kathua (Plan-II) JK UT area 9.06 ha. under proposal No. SIA/JK/MIN/61939/2021.

Brief Summary: This case pertains to grant of Environment Clearance under B1 category LOI for Minor Mineral Block No. 04 in Naj Nallah Upstream Naj Bridge, District Kathua (Plan-II) JK UT area 9.06ha. LOI has been issued on 22-09-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 17-02-2021. The case was earlier discussed by the JKEAC on 14-06-2021. The Terms of Reference were issued to the project on 13-07-2021 and public hearing of the project was conducted on 23-09-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc., Status of NOCs in appraisal report shows that Addl. Dy. Commissioner, Kathua has conveyed NOCs of stakeholders except NOC of revenue department. However, the NOC issued by the Flood Control Division wrongly mentions the area. (9.19ha).

Deliberations/specific observations of JKEAC:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 45th Meeting held on 14/06/2021 during which the Committee recommended ToRs to the project subject to detailed report / NOC from the stake holder departments.
- b) The Committee has observed time and again that authorities do not accord necessary attention to site specific details while giving NOCs. NOCs are observed to be always generalized in nature giving little help to appraisal process. In the instant case, the NOC given by Fisheries Dept. is a glaring example where the Asst. Director, Fisheries, while granting permission for mining, is also prohibiting mining in areas below HFL. All areas which constitute bed of a nalla necessarily are below HFL and therefore the NOC is not only contradictory but against the principles of scientific management of water resources.
- c) The NOCs issued by the Xen Irrigation Dept. and PHE Dept. are also absolutely general in nature. These shed little light on the existence of any departmental assets that exist in the close vicinity of the mining block that may get damaged /adversely affected due to mining operations in the proposed block. The NOC also fails to assess the threat of damages to such assets of public importance due to mining operations and to prescribe engineering mitigation measures, if required to be put in place to redress the general

- apprehension prevalent among the general public that the mining operations may degrade, deplete and reduce the water availability.
- d) Not only the public sentiment, as gathered from the Public Hearing Report, is against mining on account of scarcity of water, written representations too stand received on the subject. The crux of these representations highlights the possible adverse effects as shall be caused due to mining in water scarce areas which Billawar area indeed is, these representations also apprehend damage to the historical /archaeological structures as lie on banks of Naj Nallah.
 - e) The Committee desired that the Concerned Dy. Commissioner needs to constitute a committee comprising of Xen Irrigation, Xen Flood Control, Tehsildar concerned and the representatives of PRI to visit the site to know the actual ground conditions vis-a-vis the apprehensions expressed in the public hearing and the representations received in this regard.
 - f) The examination of mining block on Google Earth platform revealed features that are presumably suggestive of irrigation off-take points in the vicinity of the mining block. Therefore, the Committee desired project proponent to obtain field verification report of same from the concerned Xen Irrigation Dept. In case, it is found that such irrigation facility is not existing, same needs to be recorded by the concerned hydraulic engineer with consent of local PRI with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhl off-take points, if any within 200m of the mining block boundary stating that there are no irrigation off-take points in the vicinity of the mining block that could adversely affect the irrigation works in the area.
 - g) Revision of the mining plan with mine closure plan, revised mining depth, revised surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority.
 - h) EMP Budget needs to be revised with appropriate budget.
 - i) NOCs issued by the stakeholder depts. is subject to title verification but title has not yet been verified by the concerned revenue authority.
 - j) The Committee observed that the area is deficient in drinking water and the availability of water in dug wells need to be regulated.
 - k) The ToR condition relating to submission of photographs of display screen of the air quality monitoring station showing data with dates of collection of the baseline data has not been submitted in the EIA report.
 - l) Mining depth of 2.00 m and Bulk density of 2.25m in mining plan not agreed by the Committee.

Recommendations of the JKEAC:

1. In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not agree to recommend the case for grant of EC in the present form.
2. The PP if he so desires, can approach JKEIAA for reconsideration of the case after complying with the requirements / observations as made here-in-above.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC not to approve EC in the present form. However, PP may resubmit the case again after complying with the requirements/observations as made by JKEAC.

Agenda Item No.07.

Grant of Environment Clearance in favour of Shri Umesh Kumar Sharma S/O Shri Shiv Narayan Sharma R/O B-33568, Gurudaswara Saroop Nagar, Ludhiana Punjab, for Minor Mineral Block 1/8, in Ans River, Downstream Kotranka Bridge, Village Kotranka, District Rajouri, JK UT, area 8.14ha. under proposal No. SIA/JK/MIN/60790/2021.

Brief Summary.

This case pertains to grant of Environment Clearance under B1 category for Minor Mineral Block 1/8, in Ans River, Downstream Kotranka Bridge, Village Kotranka, District Rajouri, JK UT, area 8.14ha. LOI has been issued on 06-08-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 05-01-2021. The case was earlier discussed by the JKEAC on 13-03-2021. The Terms of Reference were issued to the project on 30-03-2021 and public hearing of the project was conducted on 28-07-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs (conditionally) in favour of the project. As per NOC issued by the Fisheries Dept. the Block 1/8 Kotranka area falls under Reserved Trout Beat and the extraction from the block may affect the trout fish fauna.

Deliberations/specific observations of JKEAC:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 29th Meeting held on 13-03-2021 during which the Committee recommended ToRs to the project subject to report of Multi-dept. Committee on illegal mining, exclusion of active water channel and title verification.
- b) The PP has submitted the illegal mining report from MDDLTF Cell in which it is mentioned that the PP is not involved in the illegal mining. The Title verification has also been issued by the competent authority.
- c) As per NOC issued by the Fisheries Dept. the Block 1/8 Kotranka area falls under Reserved Trout Beat and the RBM extraction from the block may affect the trout fish fauna.
- d) The examination of mining block on Google Earth platform revealed features that are presumably suggestive of irrigation off-take points in the vicinity of the mining block. The Committee desired clarification from the concerned Xen Irrigation Dept. but there was no one present to clarify the doubt as the NOC issued by the concerned Dept. was found to be in a generalized format and not specific to the ground realities.
- e) Therefore, the Committee desired project proponent to obtain field verification report of same from the concerned Xen Irrigation Dept. In case, it is found that such irrigation facility is not existing, same needs to be recorded by the concerned hydraulic engineer with consent of local PRI with seal and signature on the back side of Colour Google

image of the area depicting the mining block boundary and Khul off-take points, if any within 200m of the mining block boundary stating that there are no irrigation off-take points in the vicinity of the mining block that could adversely affect the irrigation works in the area.

- f) The EMP budget appears inadequate.
- g) The compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of data is missing in the EIA report.
- h) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority.
- i) Mining depth of 3 m & a bulk density of 2.25 given in the mining plan not agreed by the committee. Therefore, the same need to be revised while calculating the revised targeted mineral production as per minimum standards fixed by the Committee in absence of replenishment data and actual field measurements.

Recommendations of the JKEAC:

1. In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not approve the case for grant of EC in the present form.
2. The PP, may resubmit the case to JKEIAA after compliance of observations and incorporation in project estimates, the cost of required mitigation measures.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC not to approve EC in the present form. The PP, may resubmit the case to JKEIAA after compliance of observations made by JKEAC and update/ revise project estimates by incorporating/ including cost of mitigation measures.

Agenda Item No.08.

Grant of Environment Clearance in favour of Shri Amit Mahajan R/O Near Kali Mandir Kolluwali Gali, District Pathankot, Punjab, for minor mineral block no 6, Nagbal Hospital to Power Grid Downstream Rambiarra Nallah, District Shopian, JK UT. Area 9.43ha. under proposal No.SIA/JK/MIN/59680/2021.

Brief Summary.

This case pertains to grant of Environment Clearance under B1 category for minor mineral block no 6, Nagbal Hospital to Power Grid Downstream Rambiarra Nallah, District Shopian, JK UT. area 9.43ha. LOI has been issued on 18-07-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 03-08-2020. The case was earlier discussed by the JKEAC on 19-01-2021. The Terms of Reference were issued to the project on 12-02-2021 and public hearing of the project was conducted on 26-08-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs (conditionally) in favour of the project.

- I. NOC issued by the Fisheries Dept. does not mention the mining block number /details and is on a generalized format not useful for appraisal process.
- II. NOC from irrigation Division, Shopian mentions about the supply channel, Nattoo canal, Manul Zoura canal, Lar, Sanigloo and Sathoo canal without indicating which supply channel of the canal is in the close proximity of the proposed block.
- III. Instead of verifying Title, Adl. DC, Shopian has issued NOC.

Deliberations/specific observations of JKEAC:

- a) The case had been discussed by the Expert Appraisal Committee earlier in the 24th Meeting held on 19/01/2021 during which the Committee recommended ToRs to the project.
- b) Illegal mining activity was observed by the Committee as per features on Google image of September, 2018 and the Committee desired to know whether such illegal mining activity has continued in the area for which clarification and responsibility be fixed by the Multi Dept. District level Task Force (MDLTF) Cell constituted by the Govt. for the purpose.
- c) The Committee further observed a well-defined off-take point of an irrigation canal existing within 15m to 17m from the boundary of the mining block closely adjacent to the Shopian Town which runs through the interiors of the Town itself and may be used by locals for drinking water purpose besides irrigation works which seems to get impacted by mining activity in the proposed block. Therefore, the Committee desired clarification on this from the concerned Xen, Irrigation and PHE Depts.
- d) Further, features on the Google Image also indicate one more supply line off-take point supplying fresh water to the nearby presumably trout fish farm in close proximity of the block, likely to get badly impacted by any mining activity in the designated block. NOC issued by Asst. Direct Fisheries concerned does not mention mining block No. / Details of the proposed block and departmental assets in close proximity of the proposed mining block which needs clarification from the concerned Dept.
- e) The NOC issued by the Irrigation Dept. on a generalized format mentions only the supply channel of Nattoo canal, Manul Zoura canal, Lar, Sanigloo and Sathoo canal against a number of mining blocks altogether without indicating which irrigation offtake point is falling in proximity of the proposed block thereby making appraisal process difficult.
- f) Instead of issuing Title Verification of the mining block, the Adl. Dy. Commissioner has issued NOC but has not verified the title of the block.

Recommendations of the JKEAC:

In view of the above deliberations / observations made by the Committee here-in-above, the Expert Appraisal Committee recommended the project for rejection of Environmental Clearance in view of reasons cited here-in-above under serial (c) and (d) deliberations in the present form. However, the PP, if he so desires, may obtain an unambiguous clarification and report on the impact of mining activity on the fish farm and irrigation canal in close vicinity of the mining block from the concerned officers of Irrigation, PHE and Fisheries Dept., besides, clear title verification of the land under the proposed block from the concerned revenue authority.

Decisions of JKEIAA:

After due deliberations, JKEIAA upheld recommendations of JKEAC for rejection of Environmental Clearance in view of reasons cited here-in-above under serial (c) and (d) deliberations. However, the PP, if he so desires, may obtain an unambiguous clarification and report on the impact of mining activity on the fish farm and irrigation canal in close vicinity of the mining block from the concerned officers of Irrigation, PHE and Fisheries Dept., besides, clear title verification of the land under the proposed block from the concerned revenue authority.

Agenda Item No.09.

Grant of Environment Clearance in favour of Shri Zahoor Ahmed Peerzada S/O Shri Gh. Mohd Peerzada R/O Aripora Shopian JK UT for Minor Mineral Block No.22, Ziarat Syed Rehmatullah Nazneenpora Downstream Nallah Rambiar, Village Ziarat Syed Rehmatullah Nazneenpora Tehsil Keegam District, Shopian JK UT (Resized area 4.00ha.) under proposal No.SIA/JK/MIN/61237/2021.

Brief Summary:This case pertains to grant of Environment Clearance under B1 category for Minor Mineral Block No.22, Ziarat Syed Rehmatullah Nazneenpora Downstream Nallah Rambiar, Village Ziarat Syed Rehmatullah Nazneenpora Tehsil Keegam District, Shopian JK UT (Resized area 4.00ha.)LOI has been issued on 18-07-2020, which was later extended on 18-09-2021 and is valid up to 30-11-2021. Mining plan has been approved on 03-10-2020. The case was earlier discussed by the JKEAC on 01-04-2021 & 28-08-2021 The Terms of Reference were issued to the project on 19-04-2021 and public hearing of the project was conducted on 29-06-2021. The area of the project was reduced by the Geology & Mining Department on 11-10-2021.

As per summary of appraisal report, District Survey Report has not been formulated as per guidelines and needs to be revised for including replenishment data etc.,

Status of NOCs in appraisal report shows that stakeholder departments have issued NOCs (conditionally) in favour of the project.

Deliberations/specific observations of JKEAC:

- a) The project had earlier been discussed during 32nd meeting held on to 01/04/2021 during which the Committee recommended ToRs to the project. The case again came to be discussed for grant of EC in the 57th JKEAC held on 28/08/2021 during which the Committee desired as under:-
 - i. To submit a detailed techno-feasibility report powered with topographic maps, videos and photographs of the mining block and the irrigation works/ transmission towers etc. suggesting mitigative measures under which mining activity in the designated block shall not affect the irrigation work and electric transmission towers.
 - ii. To submit a categorical and specific NOC from the Concerned Agency w.r.t the HT Electric transmission towers lying inside the mining block and its periphery.
 - iii. To revise the documents as per deliberations recorded herein above.
 - iv. To submit a categorical and specific NOC from the Irrigation Dept. to the effect that mining activity in the designated mining block will not affect the Irrigation facility.

- v. To resize the mining block to ensure safe distance to the supply channel of headworks of khul.
- b) The project proponent has submitted compliance to the above cited recommendations which were discussed by the Committee in detail and the Committee observed as under:-
 - i. The Techno-feasibility report has been submitted in compliance to earlier observations.
 - ii. The PP has submitted compliance to observation (ii) in the form of NOC issued by Xen KPDCL, Shopian stating that no HT/LT line is passing over/nearby proposed site. Since, electric transmission towers, one inside and another near the boundary of mining block are very much identifiable on the Google image, it appears that the concerned officer issuing the certificate is not aware about the actual limits of the mining block w.r.t the electric transmission towers. The Committee observed that the PP has not obtained NOC from the actual stakeholder dept. owning the towers and desired that the PP should obtain the same on the back side of Google screen shot showing location of HT Towers and the mining block boundary with annotations depicting same, from the concerned Transmission Division of PDD before grant of EC.
 - iii. The EMP and other documents have been revised. However, the Committee desired that the PP should further revise the EMP in the light of deliberations and EMPs suggested in similarly situated cases in the vicinity.
 - iv. A categorical conditional NOC has been issued by the concerned Xen, Irrigation Division, Shopian in favour of the mining block. However, the Committee was of the opinion that the project proponent shall approach the Irrigation & Flood Control Dept. for assessment of vulnerability of the existing structures due to proposed mining activity in order to regulate the water supply to the canal during and after excavation of mineral from the block. Further, the project proponent shall have to bear the cost of any such work suggested by the Irrigation and Flood Control Dept.
 - v. The Committee desired that the funding proposed in the EMP needs further revision in view of importance of safety of irrigation works and the HT Transmission towers, which shall however, be as per assessment and demand of Irrigation & Flood Control Dept.
 - vi. The PP has got the block resized to only 4.00 Ha from the G&M Dept. However, he needs to ensure that there is minimum 50m buffer all around the HT Transmission Towers and at least 100m buffer from the from the Irrigation supply channel leaving aside an area of only 4.00 Ha for mining activity.
- c) Though illegal mining activity is not observed on the latest available Google image of 9/2018, yet the present status needs to be got examined, verified and reported by the MDLTF Cell before grant of formal EC. In case, it is reported that the PP is involved in the illegal mining activity, the EC so processed is liable to be withdrawn.
- d) The compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data is missing in EIA report and the same needs to be submitted, prior to grant of EC.
- e) The conditions of NOCs need to be adhered to in letter and spirit under close supervision of stockholder departments.
- f) Project cost has been underestimated by the consultant as it does not

include cost of EMP, surveillance equipment, Env. Clearance processing fee/ PCCs Consent fee etc. and therefore needs to be revised.

- g) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, revised area, targeted mineral production and replenishment and its denovo approval by the competent authority prior to grant of EC or as decided by JKEIAA.
- h) Mining depth be restricted to max.1m in aggregate in view of non-availability of replenishment data in the DSRs formulated by the G&M Dept.
- i) Bulk density of 2.3 in mining plan not agreed. Committee desired that in absence of actual measurements, a nominal bulk density of 2.0 be adopted.

Recommendations of the JKEAC:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for the grant of environmental Clearance subject to: -

- a) Standard and Specific Conditions as per Annexure B to the Minutes of JKEAC Meeting.
- b) Compliance of all observations made herein above under deliberations before grant of formal EC.
- c) Issuance of categorical NOC from concerned Xen, Transmission Division, holding the HT Towers / concerned stake holder dept. with seal and signature on the back side of Google screen shot showing location of HT Towers and the revised mining block boundary with annotations depicting same, before grant of EC.
- d) Revision of EMP budget as per revised budget suggested in the remark's column.
- e) Revision of EIA report with compliance of specific ToR condition relating to photographs of display screen of the Air Quality Monitoring Station displaying the date of collection of data, before grant of formal EC.
- f) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.
- g) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
- h) Maximum targeted mineral production of 48000 MT.
- i) Condition the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- j) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

Decisions of JKEIAA:

After due deliberations, the authority upheld the recommendations of JKEAC to grant Environment clearance to the project subject to fulfillment of following conditions:

- a) Full compliance of Standard and Specific Conditions as per Annexure-B to the Minutes of JKEAC Meeting.
- b) Compliance of all observations made here-in-above under deliberations before grant of formal EC.
- c) Issuance of categorical NOC from concerned Xen, Transmission Division, holding the HT Towers / concerned stake holder dept. with seal and signature on the back side of

- Google screen shot showing location of HT Towers and the revised mining block boundary with annotations depicting same, before grant of EC.
- d) The MDLTF Cell headed by the concerned Dy. Commissioner shall submit a report to the effect that PP is not involved in the illegal mining activity, within a period of six weeks or before execution of lease of minor mineral block, whichever is earlier, failing which the EC is liable to be revoked.
 - e) The PP shall ensure buffer of 50m all around HT towers and 100m buffer from irrigation channel.
 - f) The PP shall approach I&FC Department for assessment of vulnerability of the existing structures due to mining activities and shall have to bear the cost of any such work suggested by the department for protection of such structures.
 - g) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, with maximum targeted mineral production of 48000 MT and replenishment and its approval by the competent authority within a period of three months from the date of issuance of E.C.
 - h) Revision of EMP/CER Budget as suggested by JKEAC.
 - i) While issuing EC, Member Secretary shall specifically mention revised geographical coordinates for revised area conveyed by G&M Dept.
 - j) Compliance to the specific ToR condition relating to photographs of display screen displaying the date of collection of data within six months of grant of formal EC.
 - k) Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.
 - l) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.
 - m) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPC in view of non-availability of replenishment data.

The meeting ended with the vote of thanks to the Chair,

Sd/-
Dr. Neelu Gera, IFS PCCF/Director,
Member Secretary, JKEIAA, EE&RS

Sd/-
Nazir Ahmad (Rtd. Chief Engineer)
Member, JKEIAA

Sd/-
Lal Chand, IFS (Rtd.)
Chairman, JKEIAA

No: JKEIAA/2016/02/VII/4190-4201
Copy by email to:

Dated: 13/11/2021

1. Mr. Lal Chand, IFS (Rtd.), Hon'ble Chairman, JKEIAA, for information.
2. Er. Nazir Ahmad (Rtd. Chief Engineer), Hon'ble Member, JKEIAA, for information.
3. Commissioner/Secretary to Government, Mining Department, J&K Government for favour of information.

4. Commissioner/Secretary to Government, Forest, Ecology & Environment Department, J&K Government, Civil Secretariat, Jammu for favour of kind information.
5. Dr. Neelu Gera, IFS PCCF/Director, EE&RS, Member Secretary, JKEIAA, for information
6. Director, Geology & Mining Department, J&K Government, Jammu for information and necessary action.
7. Deputy Commissioner, Kathua for information.
8. Chief Engineer, PDD, Jammu/Kashmir for information and n/a.
9. Chief Engineer, Irrigation & Flood Control Department, Jammu/Srinagar for information and n/a.
10. Chief Engineer, PHE, Jal Shakti, Jammu/Srinagar for information and n/a.
11. The Secretary, JK Expert Appraisal Committee for information.
12. Website(s)



(Staff Office)

to PCCF/Member Secretary JKEIAA
Ecology, Environment & Remote Sensing, J&K