

CERTIFICATE

This is to certify that the Baitarani Sand Bed, Talagaon having khata no – 269, plot no – 1/1, KISSAM – Nadi, area –12.30 ac or 4.978 ha located at mouza Talagaon under Ghasipura Tahsil of Keonjhar district Odisha under Tahasildar Ghasipura is not coming under any DLC land. There is no River Bridge, Railway Bridge, river embankment and Electric High Transmission Line situated within 500 m radius from the proposed quarry. The said quarry having safety distance from various topographical features is given below;

Particulars	Distance	Co-ordinates
River Bridge	7.2 Km- River bridge over Baitarani near Anandapur	Latitude -21° 12' 18.63"N Longitude -86°07'53.11"E
Railway Bridge	18.9 km-Sagadapata Railway Bridge, Sagadapata	Latitude -21° 14' 34.45 "N Longitude -85°55'07.79 "E
River embankment	4.30 km- Near Anandapur on river Baitarani	Latitude -21° 13' 39.00 "N Longitude -86°06'56.47 "E
Electric High Transmission Line	2.9 km- Near Sarangi	Latitude -21° 15' 21.49 "N Longitude -86°07' 37.22"E

This information is based on the topographical and Google map for obtaining environmental clearance from SEIAA, Odisha.


Tahasildar Ghasipura
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CERTIFICATE

This is to certify that there is no another minor mineral lease or proposed lease located within 500 meters from the periphery of the Baitarani Sand Bed, Talagaon over 12.30 ac or 4.978 ha., located at mouza Talagaon under Ghasipura Tahasil of Keonjhar district, Odisha. The detail about the quarry is given below;

Mouza	Khata no	Plot no	Kissam	Area in Ac.
Talagaon	269	1/1	Nadi	12.30

This information is based on the approved District Survey Report of Keonjhar district for obtaining environmental clearance from SEIAA, Odisha.


Tahasildar Ghasipura

Tahasildar,
GHASIPUR

CERTIFICATE

This is to certified that there is no any other minor mineral existing lease or operating lease is coming around 1 km area of **Baitarani Sand Bed, Talagaon** lease area over an area of 12.30 acres or 4.978 ha. of land Khata No.: 269, Plot No.: 1/1, Kissam Nadi in Talagaon village of Ghasipura Tahasil Keonjhar district, Odisha.

This is for favour of your kind information and necessary action.

Tahasildar Ghasipura

1st. S. L. at.
GHASIPUR



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20.12.16

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), ODISHA.

(Constituted vide Order No. S.O. 3387 (E) Date 15.12.2015 of Ministry of Environment Forest & CC, Govt. of India,
Under Environment Protection Act, 1986.)
Qr. No. 5RF-2/1, Unit - IX, Bhubaneswar - 751022
E-mail : seiasorissa@gmail.com

Ref. No. SEIAA/ 2332Date 14.12.16

To

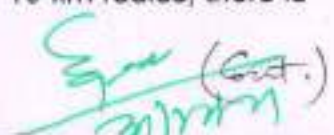
The Tahasildar,
Tahasil- Ghasipura
Dist- Keonjhar

Sub: Baitarani Sand Bed of Sri Sribash Jena of M/s Jena Minerals (P) Ltd. at village-
Talagaon, Tahasil- Ghasipura, District- Keonjhar (13.00 acres or 5.260 ha)-
Environmental Clearance regarding.

Sir,

This has reference to your letter no. 305 dated 20.01.2016 & letter no.3632
dt.29.08.2016 seeking environmental clearances for the above project under EIA
Notification 2006. The proposal has been appraised as per the provisions under the EIA
Notification 2006 and on the basis of the documents enclosed with the application such
as Checklist, Form-1, Prefeasibility Report, Approved Mining Plan etc. and observations
of the State Expert Appraisal Committee, Odisha.

It is a proposed mining of minor mineral- Sand from Baitarani Sand Bed located at
Village- Talagaon, Tahasil- Ghasipura, District- Keonjhar, Odisha with total production
capacity of 62,400 cum of sand over lease area of 13.00 acres or 5.260 ha. The
Baitarani Sand Bed has been negotiated by Tahasildar Ghasipura, to Sri Sribash Jena of
M/s Jena Minerals (P) Ltd vide letter no. 2154 dt. 22.05.2015. The mining plan of the
mining project has been approved by Deputy Director Geology, Directorate of
Geology, Bhubaneswar on 19.12.2015. Mineable reserves as per the approved mine plan
are 70,000 cum with total production capacity of 62,400 cum during the lease period as
stated in the approved mining plan. There is no forest land involved in the lease area. A
total of 428 saplings have been proposed to be planted on the river bank adjacent to the
lease hold and along approach roads by the project proponent. As per the application
submitted by the project proponent /Tahasildar, there is no protected area i.e. National
Park /Sanctuary, Biosphere Reserve, Tiger Reserve located within 10 km radius; there is

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to Inter-State boundary and critically polluted area as identified by CPCB within 5 km radius of the mine lease area and there is no court case / litigation pending against the project.

Considering the information/documents furnished by the project proponent/Tahasildar, the State Expert Appraisal Committee (SEAC) after due considerations of the relevant documents submitted by the project proponent/Tahasildar have recommended for Environmental Clearance with certain stipulations.

The State Environment Impact Assessment Authority (SEIAA) after considering the proposal and recommendations of SEAC, Odisha hereby accords Environmental Clearance in favour of the project upto the lease period as recommended by the Tahasildar Ghasipura vide letter no. 305 dated 20.01.2016 & letter no.3632 dt.29.08.2016 under the provisions of EIA Notification 2006 and 2009 and subsequent amendments thereto subject to strict compliance of the stipulated conditions as follows.

Stipulated Conditions:

Validity Period:

- 1) This environmental clearance shall be valid for the lease period as may be granted by the lease granting authority.

Operating Conditions:

- 2) The project proponent shall take prior statutory and regulatory clearance as required from the concerned authorities in respect of the project, before carrying out any operation.
- 3) Any change in mining technology/scope of working shall not be made without prior approval of the SEIAA.
- 4) Any change in the plan of operation including excavation calendar, quantum of mineral to be extracted and waste disposal shall be made only with prior approval of this Authority.
- 5) Mining activity shall be carried out as per approved mining plan prepared for this project.
- 6) It shall be ensured that sand mining does not in any way disturb the flow pattern of the river water.
- 7) Sand quarrying shall not be carried out near the banks of streams within a strip of 1/5 of the width of the stream bed.
- 8) Sand mining shall not be carried out within 200 m of any existing structure such as embankment, dams, weirs, intake structure (s) either for irrigation or for drinking water purposes, or any other cross drainage structure. In case of bridge, mining shall not be undertaken upto 500 meters from the bridge.
- 9) Sand mining operations shall not affect the existing sources for irrigation or drinking water or industrial purpose.

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- 10) The depth of the sand mining shall not exceed 3 m. from ground level. No further excavation shall be carried out on reaching the ground water level, even if before reaching 3m depth.
- 11) Permission from the Competent Authority shall be obtained for drawl of ground water, if any, required for the project.
- 12) The natural sand dunes, if any shall not be disturbed.
- 13) No mining shall be carried out in the vicinity of archaeological sites.

Compliance and monitoring:

- 14) The applicant will submit half-yearly compliance report on post environmental monitoring in respect of the stipulated terms and conditions in the Environmental Clearance to the State Environmental Assessment Authority (SEIAA), Odisha, SPCB & Regional Office of the Ministry of Environment & Forest, Odisha on 1st June and 1st December of each Calendar Year.
- 15) All necessary statutory clearances shall be obtained before start of mining operations.
- 16) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the Local NGO.
- 17) The conditions stipulated in the environmental clearance must be fully complied with before the lease granting authority. **Tahasildar, Ghasipura, Dist-Keonjhar will closely monitor the strict compliance on the ground of the conditions of EC and submit half yearly monitoring reports.**
- 18) The SEIAA, Odisha may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter /modify the above conditions or stipulate any further condition in the interest of environment protection.
- 19) Concealing the factual information or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 20) The grant of this Environment Clearance is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the lease granting authority/project proponent.

Pollution abatement measures:

- 21) Vehicles hired for transportation of sand from the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 22) The vehicles shall not be overloaded and shall be covered with Tarpaulin.
- 23) Conservation measures shall be taken for protection of flora and fauna.

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- 24) Water spray should be operated on the village road to control dust emission while transportation of sand.
- 25) The area from which the sand has been extracted be leveled and made free of any foreign debris or materials.
- 26) The surface of stockpile and sand processing areas outside the river bed is to be scarified to a depth of 50 cm, graded evenly, and the top soil previously stored, returned to its original depth over the area.
- 27) A river bed rehabilitation plan should be submitted.

Safety, Appeal:


- 28) Personnel working in the project shall be provided with requisite safety devices such as masks, gloves etc.
- 29) The proponent shall take necessary measures to ensure that there is no adverse impact of the mining operations on the Human Habitation existing nearby.
- 30) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

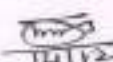
Memo No 2333 /Dt. 14.12.16

Copy to


14/12/16
Member Secretary

1. Joint Secretary (Environment), Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110003 for information.
2. Principal Secretary, Forests & Environment Dept., Government of Odisha for information.
3. Chairman, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
4. Additional Principal Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032 for information.
6. Copy to the Additional Dist. Magistrate, Keonjhar, / Sub Collector, Anandapur for kind information and necessary action.
7. Copy to Sri. Sribash Jena of M/s Jena Minerals (P) Ltd, At-Saroi, Po- Haridashpur, Dist- Jajpur for information.
8. Chairman/Member / Member Secretary, SEIAA for information.
9. Chairman, SEAC/Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
10. Guard file for record.


31/12/21


14/12/16
Member Secretary

Point wise compliance reports of conditions laid down vide letter no. SEIAA/2332 dated 14.12.2016 of SEIAA, Odisha in respect of Baitarani Sand Quarry of Sri Srinibash Jena of M/s-Jena Minerals (P) Ltd. At village Talagaon, Tahasil Ghasipura District Keonjhar over 13.00 Acres or 5.260 Hectares.

Sl. No.	Conditions	Compliance status
01	This environmental clearance shall be valid for the lease period as may be granted by the lease granting authority	Environmental clearance has been obtained for area over 13.00 Ac. or 5.260 Hectares vide reference No. SEIAA/2332 dated 14.12.2016. The mining lease has already expired. However the area has already put on auction for further 5 years and mining will be done after obtaining all statutory approvals.
02	The project proponent shall take prior statutory and regulatory clearance as required from the concern authorities in respect of the project before carrying out any operation.	The lease was in operation with all necessary statutory Clearance/ Approval/permission from concern authorities.
03	Any change in mining technology / scope of working shall not be made without prior approval of the SEIAA.	Mining Technology/scope of working was not changed during operation of mines.
04	Any change in the calendar plan including excavation, quantum of mineral to be extracted and waste disposal shall be made only with prior approval of this Authority.	There was no change in calendar plan.
05	Mining activity shall be carried out as per the approved mining plan prepared for this project.	Mining operation was being carried as per approved mining plan
06	It shall be ensured that mining does not in any way disturb the flow pattern of the river water.	Mining Activity was carried out manually and river water flow has not been disturbing Quarry.
07	Sand Quarrying should not be carried out in streams within 1/5 of the width of the stream bed from the bank.	Noted and followed
08	Sand mining shall not be carried out within 200m of any existing structure such as bridges, dams, weirs, intake structure (s) either for irrigation or drinking water purposes, or any other cross drainage structure. In case of	No mining activity was carried out within 200 meter of embankment, dams, weirs, intake structure (s) either for irrigation or for drinking water purposes, or any other

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31/12/21

	bridge, mining shall not be undertaken upto 500 meters from the bridge.	cross drainage structure. No bridge exists within 500 meter of mining activity
09	Sand mining operations shall not affect the existing sources for irrigation or drinking water or industrial purpose.	The mining activity was not affected the prevailing source for irrigation or drinking water or industrial use.
10	The depth of mining shall not exceed 3 m from ground level. No further excavation shall e carried out on reaching the ground water level, even if before reaching 3m depth.	Mine working is above ground water level and less than 3 meters
11	Permission from the competent authority shall be obtained for drawl of ground water, if any, required for the project.	Drawl of ground water for the mining activity is not required for the sand Quarry mining
12	The natural sand dune, if any shall note disturbed.	The natural sand dune is not exists within the lease area.
13	No mining shall be arrived out in the vicinity of he archaeological sites.	
14	The applicant will submit half yearly compliance report on post environmental monitoring in respect of the stipulated terms and conditions in the Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Odisha, SPCB & Regional Office of the Ministry of Environment & Forest, MOEF & CC, Govt. of India, on 1 st of June and 1 st of December of each Calendar Year.	Being submitted herewith
15	All necessary statutory clearance shall be obtained before start of the mining operation.	The lease was in operation with all necessary statutory/Clearance /Approval/permission from concern authorities.
16	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban Local Body, and the local NGO	The copy of Environmental Clearance has been duly sent from the project proponent to the concerned Panchayat,Zila Parisad .
17	The conditions stipulated in the environmental clearance must be complied with before the lease granting authority. Tahasildar Ghasipura Dist-Konjhar will closely monitor the strict compliance on the ground of the	The mining operation was carried out with regular supervision of Tahasil Officials.

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	conditions of EC and submit half yearly monitoring reports.	
18	The SEIAA, Odisha may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	The conditions stipulated in the environmental clearance are being followed.
19	Concealing factual information or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	No factual information or data have been concealed.
20	That the grant of this Environment Clearance is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the lease granting authority / project proponent.	Agreed
21	Vehicles hired for transportation of sand from the site should be in good condition and should have pollution check up certificate and should conform to applicable air and noise emission standards and should be operated only during non pick hours.	The mining operation was manual and the vehicles those were involved in transportation, regularly monitored for PUCC and during transportation vehicles were covered with tarpaulin.
22	The vehicles shall not be over load and shall be covered with Tarpaulin.	During transportation vehicles are not allowed for over load and were covered with tarpaulin.
23	Conservation measures shall be taken for protection of flora and fauna.	All precautionary measures during mining operation for protection & conservation of flora and fauna have been taken care off.

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24	The water spray should be operated on the village road to control dust emission while transportation of sand.	During transportation water tanker with sprinklers are used to control the dust emission on the nearby village road.
25	The area from which the sand has been extracted be levelled and free from any foreign debris.	Noted and followed
26	The surface of stockpile and sand processing areas outside the river Quarry to be scarified to a depth of 50cm, graded evenly and the top soil previously stored shall be returned to its original depth over the area.	Has been followed during previous lease period.
27	A river bed rehabilitation plan should be submitted	Has been followed during previous lease period.
28	Personnel working in the project shall be provided with requisite safety devices such as masks, gloves etc.	The personnel working in the project were provided with personal protective equipment.
29	The proponent shall take necessary measures to ensure that there is no adverse impact due to mining operations on the Human Habitation existing nearby.	Necessary measures were taken that no adverse impact of the mining operations on the Human Habitation existing nearby
30	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	No appeal against this environmental clearance have been made with /before the National Green Tribunal within a period of 30 days of grant.

*Green
Tribunal*