

ENVIRONMENTAL
CLEARANCE



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Andhra Pradesh)

To,

The sr Vice President
TRIMEX SAND PRIVATE LIMITED
Vatsavalasa village srikurmam P.O Gara mandal Srikakulam District -
532404

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/AP/IND/69360/2021 dated 30 Apr 2022. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|-----------------------------------------------|------------------------------|
| 1. EC Identification No. | EC22B007AP161295 |
| 2. File No. | AP SKLM IND 11 2021 3654 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including
Schedule No. | 2(b) Mineral beneficiation |
| 6. Name of Project | Trimex Sands Private Limited |
| 7. Name of Company/Organization | TRIMEX SAND PRIVATE LIMITED |
| 8. Location of Project | Andhra Pradesh |
| 9. TOR Date | 12 Apr 2022 |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 28/07/2022

(e-signed)
DR. P.V.CHALAPATHI RAO
Member Secretary
SEIAA - (Andhra Pradesh)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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and Virtuous Environmental Single-Window Hub)





State Level Environment Impact Assessment Authority (SEIAA)
Andhra Pradesh
Ministry of Environment, Forests & Climate Change
Government of India

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamavari Street, Kasturibaipet, Vijayawada-520010

REGD.POST WITH ACK.DUE

Order No. SEIAA/AP/SKLM/ IND/11/2021/3654/187.60 & 184.53

Sub: SEIAA, A.P. – Beach Sand Mineral separation plant of M/s. Trimex Sands Private Limited at Sy.No. 78, 79, 80, 84, 176 to 183 & 193, Vatsavalasa Village, Gara Mandal, Srikakulam District Andhra Pradesh - Environmental Clearance – Issued - Reg.

- I. This has reference to your application submitted through online on 30.04.2022 (SIA/AP/IND/69360/2021), seeking Environmental Clearance for the proposed **Beneficiation of Beach Sand Minerals at Sy. No. 78, 79, 80, 84, 176 to 183 & 193, Vatsavalasa Village, Gara Mandal, Srikakulam District, Andhra Pradesh** in favour of **M/s. Trimex Sands Private Limited**. Total area of the plant is 64.66 Acres (26.17 Ha). It was reported that the nearest human habitation viz., Pedda Vastavalasa (V) exists at a distance of about 0.5 km from the Plant. It was noted that the capital investment of the project is Rs. 269.90 Crores and capacity of the project is as follows:

Mineral Separation Plant (MSP) of 0.44 MTPA in 64.66 Acres.

The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on **18.05.2022**. **M/s. Trimex Sands Private Limited at Vatsavalasa Village, Gara Mandal, Srikakulam District, Andhra Pradesh State** applied for EC for Mineral Separation Plant (MSP). The project proponent and their consultant, M/s. Pioneer Enviro Labs have attended the meeting and appraised the proposal. The proponent informed that MSP is already established in 2009-10 as part of the integrated Mining cum Beneficiation project for beach sand minerals, for which EC was obtained from MoEF&CC after conducting public hearing. The project has undergone expansion in 2015 and fresh EC for expansion was also obtained after conducting PH. The policy decision of the GOI in 2019 to permit only Govt companies in the mining of beach sand minerals resulted in the stoppage of the MSP, though it is situated outside the ML area. To facilitate restarting of the MSP operations by sourcing mineral concentrate from India/abroad, the proponent submitted application for grant of TOR and also requested for exemption from Public Hearing. The Committee further noted that public hearing has been conducted in the year 2003 as per EIA notification 1994 for integrated proposal of Beach sand mining of 2 MTPA & Mineral Separation Plant (MSP) of 0.63 MTPA and EC was obtained in 2004. Thereafter, for expansion proposal, PH has been again conducted on 29.12.2012 as per EIA notification 2006 for 6.0 MTPA mining and 0.93 MTPA MSP and obtained EC in 2015. Now applying fresh EC for MSP of 0.44 MTPA only, which is less than 50% capacity for which PH been conducted & EC issued. The Mining Lease was valid till 2034. The EC granted in 2015 based on the PH conducted was also valid till 2034. The change in policy of the GOI in 2019 only resulted in

Page 1 of 6

the stoppage of the mining and thereby MSP. No mining is proposed now. The issue was placed in the 172nd SEAC and recommended for issue of Standard TOR with EIA & Public Hearing. accordingly, TOR issued on 12.04.2022. Now, the unit has applied for EC. Further, the SEIAA has reviewed in 169th meeting, the Committee Referred to SEAC to examine in the light of request letter dt. 20.12.2021 submitted by the proponent. The SEAC again reviewed the case in the 179th SEAC meeting and recommended to SEIAA for the TOR without Public Hearing. SEIAA in its meeting held on 177th SEIAA meeting agreed with 179th SEAC meeting recommendations. Accordingly, TOR was issued. The Proponent and their consultant M/s. Pioneer Enviro Consultant have attended the meeting and appraised the case. The Committee noted that this is a mineral beneficiation unit wherein the water used for jiggging and extraction purposes is proposed to be recycled and the entire process will be under wet condition. The source of air pollution from the proposed unit is emissions generated from the burning of fuel in the boiler, in generators and fugitive emission dust from the movement of vehicles. The Proponent has proposed air pollution control equipment to the boiler. The proponent shall obtain necessary approvals in case of processing of radio active minerals viz., monazite from the department of atomic energy. The proponent proposed to provide mineral water plant in the surrounding villages. The Committee after examining the project proposals, presentations, MoEF&CC' Notifications & OMs and detailed deliberations, recommended for issue of Environmental Clearance with conditions specified in the earlier EC order accorder by MoEF& CC. The committee in the appraisal report clearly stated that they have approved the Form-I/II, PFR/DPR and EMP for compliance by the proponent. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **26.05.2022** examined the proposal and the recommendations of SEAC and decided to accept SEAC recommendations aforesaid for strict compliance by the proponent and to issue EC with a condition that the proponent shall comply with conditions specified in the earlier EC order accorded by MoEF& CC, for Mineral Separation Plant. The SEIAA, A.P hereby accords Environmental Clearance to the project as mentioned at Para No. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions

Part A. Special Conditions:

1. This EC order is issued for Mineral Separation Plant (MSP) of capacity 0.44 MTPA only. The operations of mineral separation plant shall be done by sourcing mineral concentrate from India/abroad. No mining operations shall be carried out without obtaining Environmental Clearance.
2. The proponent shall comply with conditions specified for Mineral Separation Plant in the earlier EC order accorded by MoEF& CC.

a) Air Pollution:-

- i. The industry shall store raw material & finished products in covered sheds/ silos to minimize pollution.
- ii. They emissions from crusher and screening shall be connected to a hood, followed by bag filters before letting out the emissions in to atmosphere through a stack height of 15 m. At no time the particulate emissions should exceed 50 mg/Nm³. The D.G. Sets shall be provided with adequate stack height, as per CPCB norms.
- iii. Sampling Port with removable dummy of not less than 15cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends

etc., shall be provided to monitor stack emissions.

- iv. Ambient air quality including ambient noise levels must not exceed the standards stipulated under Notification dt. 16.11.2009 issued by the MoE&F,GOI. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and to the Ministry's Regional Office at Bangalore half yearly.
- v. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points.
- vi. Raw materials and products shall be transported in covered trucks. Storage of raw material shall be in roof sheds. Water spray system shall be provided all around the stockpiles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with G.I. Sheets. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions
- vii. In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials handlings etc. shall be provided. Further, specific measures like provision of dust suppression system consisting of water sprinkling, suction hoods, fans and bag filters etc. shall be installed at material transfer points, and other raw material handling areas.
- viii. Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials is stopped automatically.
- ix. Green belt shall be developed in an area of along the boundary and vacant places in the unit, in consultation with the local DFO.

2) Water Pollution:-

- i. The Source of water is from the Vamsadara river. Total water requirement is 805 KLD, Out of that 760.0 KLD is used for Process; 5.0 KLD is used for Dust suppression; 20.0 KLD is used for green belt development; 20.0 KLD is used for domestic purpose.

The total waste water generation from process is 760 KLD which shall be treated in water treatment plant to recover maximum water and will be reused in the process and the domestic effluents 16.0 KLD shall be disposed into septic tank followed by soak pit.

No effluent shall be discharged outside the plant premises.

- ii. The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water.

3) Solid Waste :-

- i. The Solid waste - Fine/non-saleable mineral grades and silica sand - 0.096 MTPA generated from the beneficiation plant shall be stored for future recovery of any useful minerals/used for backfilling earlier mined out pits; Used lubricant oil - 1.2 KLPA shall be stored in covered HDPE drums in a designated area and shall be given to APPCB Authorised Recyclers/Re-processors. Waste oils, used oils, used lead batteries generated from the plant shall be disposed as per the Hazardous and other wastes (Management and transboundary movement) Rules 2016 its to the recyclers authorized by APPCB.

B. General Conditions:

- i. This order is valid for a period of 7 years.**
- ii. “Consent for Establishment” shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity / construction work at site.
- iii. The project shall implement the commitments, if any, made in the public hearing;
- iv. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- v. No change in the process technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, AP/ MoE&F, GoI, New Delhi, as applicable.
- vi. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional office of MoE&F, GoI, Vijayawada on 1st June and 1st December of each calendar year.
- vii. Officials from the Regional Office of MoE&F, Vijayawada who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoE&F, Vijayawada.
- viii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- ix. Data on ambient air quality should be regularly submitted to the Ministry including its

Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.

- x. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- xi. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- xii. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- xiii. The funds earmarked for environmental protection measures (**Capital cost Rs. 176.0 Lakhs and Recurring cost Rs.141.1 Lakhs/Annum**) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Vijayawada.
- xiv. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- xv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P. This order shall be displayed in the website of the project proponent.
- xvi. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xvii. The company shall undertake eco-development measures including community welfare measures in the project area.
- xviii. The proponent shall obtain all other mandatory clearances from respective departments.
- xix. 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.
- xx. Concealing the factual data 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.
- xxi. The SEIAA may revoke or suspend the order, if implementation of any of the above

conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

- xxii.** The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

**MEMBER SECRETARY,
SEIAA, A.P.**

**MEMBER,
SEIAA, A.P.**

**CHAIRMAN,
SEIAA, A.P.**

To

M/s. Trimex Sands Private Limited,
Sri V H Rafi Ahammed, Sr. Vice President,
Vatsavalasa Village Srikumam P.O,
Gara Mandal, Srikakulam District,
Andhra Pradesh-532404.

Copy to:

1. The Chairman, SEAC, A.P. for kind information.
2. The Member Secretary, APPCB for kind information.
3. The EE, RO: Srikakulam, APPCB for information.
4. The Regional Officer, MOEF&CC, GOI, Vijayawada for kind information.
5. The Secretary, MOEF&CC, GOI New Delhi for kind information.
6. Monitoring cell, MoEF&CC, GOI, New Delhi for kind information.
7. The District Collector, Srikakulam District, Andhra Pradesh for kind information.