

Minutes of EAC Meeting

Subject:- SEAC 131 st Meeting Held on 17 th & 18 th of July 2019

Venue:- SEAC conference hall

From :- 17 Jul 2019

To :- 18 Jul 2019

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/24939/2018** File No- **6573**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/24939/2018** dated **15 Feb 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B1** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Kodakkal Black Granite Quarry** of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in Village **Tamil Nadu** was initially received in the Ministry on **13 Apr 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **Nil** th/nd/rd meeting held between **01 Jan 2006** to **01 Jan 2006** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **13 Apr 2018**

PROJECT DETAILS

The project of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Vellore	Wallajah	

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Black Granite	366754	9	Proposed Production of ROM (m3)	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details

S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Diesel	0.2	4		Local	Road		8

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- Existing Black Granite quarry over an Extent of 24.30.00Ha in S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited “ for Environment Clearance under Violation. (SIA/TN/MIN/24939/2019) The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was granted in the name of Thiru M/s. Tamil Nadu Minerals Limited vide G.O.(3D) No.105, Industries (MME.1) Department Dated 03.12.2008 for a period thirty years. The quarry lease is valid upto 11.01.2039. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared in respect of Black Granites quarry for the period of five years. The Mining plan was approved by Commissioner of Geology and mining vide letter No. 1235/MM5/2008, dated 12.11.2008. The Scheme of quarrying was prepared and submitted for the period of 2013-14 to 2017-18. The quarrying operation and quantity of Black Granite quarried are as follows: S. No Year ROM Proposed in the Modified SOM “I (m3) Proposed Saleable Quantity @ 5 % (m3) Actual salable production achieved (m3) 1 2008-2009 6048.0 302.4 Nil 2 2009-2010 6048.0 302.4 1993.646 3 2010-2011 6048.0 302.4 1967.926 4 2011-2012 5888.0 294.4 2302.508 5 2012-2013 6080.0 302.4 4558.902 Total 30,112 1,505.2 10,822.982 S. No Year Proposed Production of ROM (m3) Actual Production (m3) 1 2013-2014 54,370.000 5202.605 2 2014-2015 73,648.500 2106.757 3 2015-2016 61,604.300 Nil 4 2016-2017 56,231.975 500.801 5 2017-2018 60,108.000 25.186 Total 3,05,962.8 7835.349

RECOMMENDATIONS OF EAC

The committee's recommendation: The reason for higher production was informed by the proponent was due to high demand in the market. 1. The project is located at 13°04'53.96"N and 79°25'13.02"E. 2. Quarrying operation will be carried out by Opencast Method (Semi Mechanized mining). 3. Proposed saleable production of the year 2018-2023 is 36,596 cu.m. 4. Depth of mine is 30m top of the hill. 5. Black Granite is to be transported by tippers of 20 T capacity. 6. The total water requirement is 24.6KLD, Domestic use “ 1.5KLD, Dust suppression “ 10.8KLD, Green belt-12.3KLD. The total water requirement is sourced from Private Tank suppliers, no ground water drawl. 7. No rainwater harvesting system at present and no proposal for future as well. 8. The Total Manpower requirement is 35 Nos. 9. Total Cost of the project is Rs. 99.97 Lakh. 10. Total power requirement & DG set capacity is 60kva and 1x125kva. 11. Total fuel requirement is 200 Lts per day. 12. Municipal solid waste generation is 16.0 kg per day. 13. Lease applied area is not covered under HACA region. 14. No National Park & Wild Life Sanctuary within the radius of 10km. 15. Banavaram RF is located in the distance of 9.43km from the proposed quarry site in SE direction. 16. Ammur RF is located in the distance of 7.8km from the proposed quarry site in SSW direction. 17. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km 18. There is no CRZ within 10km from the lease boundary. The SEAC noted the following: 1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environment Clearance to SEIAA for the Existing Black Granite quarry over an Extent of 24.30.00Ha in S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu. 2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006. 3. The project proponent has applied and obtained Terms of Reference from SEIAA for

the Existing Black Granite quarry over an Extent of 24.30.00Ha by M/s. Tamil Nadu Minerals Limited at S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu District, Tamil Nadu vide Letter. No.SEIAA-TN/F-6573/TOR-578/2018 dated 09.08.2018. 4. The project proponent has submitted the proceeding of the public hearing minutes conducted on 23.01.2019 along with the EIA Report. Further, it was noticed that the proceeding of the public hearing minutes was sent by the TNPCB.

Conclusion

Violation

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>Existing Black Granite quarry over an Extent of 24.30.00Ha in S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited “ for Environment Clearance under Violation. (SIA/TN/MIN/24939/2019) The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was granted in the name of Thiru M/s. Tamil Nadu Minerals Limited vide G.O.(3D) No.105, Industries (MME.1) Department Dated 03.12.2008 for a period thirty years. The quarry lease is valid upto 11.01.2039. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared in respect of Black Granites quarry for the period of five years. The Mining plan was approved by Commissioner of Geology and mining vide letter No. 1235/MM5/2008, dated 12.11.2008. The Scheme of quarrying was prepared and submitted for the period of 2013-14 to 2017-18. The quarrying operation and quantity of Black Granite quarried are as follows: S. No Year ROM Proposed in the Modified SOM “I (m3) Proposed Saleable Quantity @ 5 % (m3) Actual salable production achieved (m3) 1 2008-2009 6048.0 302.4 Nil 2 2009-2010 6048.0 302.4 1993.646 3 2010-2011 6048.0 302.4 1967.926 4 2011-2012 5888.0 294.4 2302.508 5 2012-2013 6080.0 302.4 4558.902 Total 30,112 1,505.2 10,822.982 S. No Year Proposed Production of ROM (m3) Actual Production (m3) 1 2013-2014 54,370.000 5202.605 2 2014-2015 73,648.500 2106.757 3 2015-2016 61,604.300 Nil 4 2016-2017 56,231.975 500.801 5 2017-2018 60,108.000 25.186 Total 3,05,962.8 7835.349 The reason for higher production was informed by the proponent was due to high demand in the market. 1. The project is located at 13°04’53.96” N and 79°25’13.02” E. 2. Quarrying operation will be carried out by Opencast Method (Semi Mechanized mining). 3. Proposed saleable production of the year 2018-2023 is 36,596 cu.m. 4. Depth of mine is 30m top of the hill. 5. Black Granite is to be transported by tippers of 20 T capacity. 6. The total water requirement is 24.6KLD, Domestic use “ 1.5KLD, Dust suppression “ 10.8KLD, Green belt-12.3KLD. The total water requirement is sourced from Private Tank suppliers, no ground water drawl. 7. No rainwater harvesting system at present and no proposal for future as well. 8. The Total Manpower requirement is 35 Nos. 9. Total Cost of the project is Rs. 99.97 Lakh. 10. Total power requirement & DG set capacity is 60kva and 1x125kva. 11. Total fuel requirement is 200 Lts per day. 12. Municipal solid waste generation is 16.0 kg per day. 13. Lease applied area is not covered under HACA region. 14. No National Park & Wild Life Sanctuary within the radius of 10km. 15. Banavaram RF is located in the distance of 9.43km from the proposed quarry site in SE direction. 16. Ammur RF is located in the distance of 7.8km from the proposed quarry site in SSW direction. 17. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km 18. There is no CRZ within 10km from the lease boundary. The SEAC noted the following: 1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environment Clearance to SEIAA for the Existing Black Granite quarry over an Extent of 24.30.00Ha in S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu. 2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006. 3. The project proponent has</p>

	applied and obtained Terms of Reference from SEIAA for the Existing Black Granite quarry over an Extent of 24.30.00Ha by M/s. Tamil Nadu Minerals Limited at S.F.Nos.1193/1 (Part) in Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu District, Tamil Nadu vide Letter. No.SEIAA-TN/F-6573/TOR-578/2018 dated 09.08.2018. 4. The project proponent has submitted the proceeding of the public hearing minutes conducted on 23.01.2019 along with the EIA Report. Further, it was noticed that the proceeding of the public hearing minutes was sent by the TNPCB. The Committee noted that the project proposal is to be appraised under violation category as per MoEF & CC notification S.O. 1030 (E) dated: 08.03.2018. Since the project has been considered under violation category, the Committee felt that it is necessary to make an on the spot assessment of the status of the project execution for deciding the further course of action.
(2)	The Committee noted that the project proposal is to be appraised under violation category as per MoEF & CC notification S.O. 1030 (E) dated: 08.03.2018. Since the project has been considered under violation category, the Committee felt that it is necessary to make an on the spot assessment of the status of the project execution for deciding the further course of action.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/35648/2019** File No- **SW1042551**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/35648/2019** dated **03 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **M.Rajasekar, Gravel Quarry** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **10 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **30 Apr 2019** to **03 May 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **10 Jun 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruchirappalli	Srirangam	Sethurapatti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Gravel	27030	9	cubic metre (3 years)	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	HSD	0.4	4		nearby petrol bunks	Road		5.94

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/Lease details : The District Collector, Tiruchirappalli directed the proponent (M.Rajasekar), through his reference letter Roc No.: 484/2017-Mines Dated 25.11.2018 to get approved Mining Plan and Environment Clearance for Gravel quarry from a Patta Land, over an Extent of 2.12.0 Hectares, located in S.F.No: 221/1, 221/2, 221/3, 221/4 and 221/5, Sethurapatti Village, Srirangam Taluk, Tiruchirappalli District, Tamil Nadu. 2. Mining Plan/Scheme of Mining approval details: The Mining Plan was approved by Assistant Director, Tiruchirappalli vide Rc. 484/2017/Mines Dated 31.01.2019 for a period of 3 years. The following are the production and developmental works to be carried out for 3 years as given in the table below, Year Over Burden (m3) ROM ore / mineral (m3) Saleable ore / mineral (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 3 Years Nil 27,030 27,030 0.00 0.00 1: 0 Total production for 3 years is 27,030 m3 to a depth of 2m from the surface 3. As per the Approved Mining Plan Production shall not exceed 27,030 m3(3 years). 4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area. 5. Gravel quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m3 bucket capacity and tipper /Tractor combination. 6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.**

RECOMMENDATIONS OF EAC

The committee's recommendation: **1. The Proponent, Thiru. M. Rajasekar has applied for Environmental Clearance to SEIAA-TN for the proposed gravel quarry from over an Extent of 2.12.0 Ha in S.F.No: 221/1, 221/2, 221/3, 221/4 and 221/5 Sethurapatti Village, Srirangam Taluk, Tiruchirappalli**

District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details: 1. The lease deed submitted by the project proponent is not registered. Hence, the lease deed executive between owner and the lessee should be registered with the lease period and copy of the registered document should be submitted. 2. Two ponds namely poolanKulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 3. Agricultural lands and few houses are located within 300 m from the water bodies. The mitigation measures proposed to protect the agriculture activity and the house should be studied in detail and furnish the same. 4. The copy of the Ownership document of patta/ sale deed for the S.F.No.221/2,221/3,221/4 & 221/5 proposed in the application should be furnished. 5. CER proposal as per the Office Memorandum of MoEF& CC dated 01.05.2018 shall be furnished. 6. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines, Tirunelveli District in the following format "Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry i. Existing quarries 1 2 j. Abandoned quarries 1 2 k. Present Proposed quarries 1 2 l. Future Proposed quarries 1 2 Total extent On receipt of the above details, SEAC will decide the further course of action on the proposal.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. The Proponent, Thiru. M. Rajasekar has applied for Environmental Clearance to SEIAA-TN for the proposed gravel quarry from over an Extent of 2.12.0 Ha in S.F.No: 221/1, 221/2, 221/3, 221/4 and 221/5 Sethurapatti Village, Srirangam Taluk, Tiruchirappalli District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details: 1. The lease deed submitted by the project proponent is not registered. Hence, the lease deed executive between owner and the lessee should be registered with the lease period and copy of the registered document should be submitted. 2. Two ponds namely poolanKulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 3. Agricultural lands and few houses are located within 300 m from the water bodies. The mitigation measures proposed to protect the agriculture activity and the house should be studied in detail and furnish the same. 4. The copy of the Ownership document of patta/ sale deed for the S.F.No.221/2,221/3,221/4 & 221/5 proposed in the application should be furnished. 5. CER proposal as per the Office Memorandum of MoEF& CC dated 01.05.2018 shall be furnished. 6. The project proponent has not furnished the

letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines, Tirunelveli District in the following format: Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry i. Existing quarries 1 2 j. Abandoned quarries 1 2 k. Present Proposed quarries 1 2 l. Future Proposed quarries 1 2 Total extent On receipt of the above details, SEAC will decide the further course of action on the proposal.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36128/2019** File No- **0031**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36128/2019** dated **09 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R.K.Sudhagar Ramakrishnan, Rough stone and Gravel quarry from over an Extent of 1.66.0Ha in S.F.Nos. 255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **10 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0029** th/nd/rd meeting held between **03 Apr 2019** to **11 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **10 Apr 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvannamalai	Cheyyar	Thethurai

The production details / project configuration is as follows :

Project configuration/product details

S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarrying lease area	1.660	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	180590	9	cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

3. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. R. K. Sudhagar Ramakrishnan, Precise Area Communication letter was issued by the District Collector, Tiruvannamalai District vide Rc. No. 78/Mines/2018 dated 27.09.2018 for a period of Five years. It is a Fresh lease for quarrying of Rough stone and Gravel over an Extent of 1.66.0 Ha in S.F.Nos. 255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District.

4. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc. No. 78/Kanimam/2018 dated 15.10.2018.

5. As per the Department of Geology and Mining, Tiruvannamalai District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,80,590m³ and Gravel should not exceed 23,372m³ upto a depth of 37m (2m Gravel + 35m Rough stone). For First year - Rough stone â€“ 36,100 m³ & Gravel â€“ 16,444m³ For Second year - Rough stone â€“ 35,980 m³ & Gravel â€“ 6,928 m³ For Third year - Rough stone â€“ 35,145 m³ For Fourth year - Rough stone â€“ 38,705 m³ For Fifth year - Rough stone â€“ 34,660m³

6. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes).

7. Rough stone are to be transported by Tippers of 2 Nos. (10 T Capacity).

8. The Water table is found to be at the depth of 55m in summer and 50m in rainy season.

9. The Total Manpower requirement is 19 Nos.

10. Total Cost of the project is Rs. 28,18,570/- and EMP Cost about Rs. 3,80,000/-

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km.

13. No Interstate boundary & Western Ghats Boundary within the radius of 10km

14. No National Park & Wild Life Sanctuary within the radius of 10km.

15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km

16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

17. No habitation within the radius of 300 m from the lease area.

18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter Rc. No. 78/Kanimam/2018, dated 25.10.2018, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows.

S.No. Name of the quarry Owner Village S.F.No Extent (Ha)

a. Existing Quarries

1. Nil

b. Abandoned / Expired quarries

1. Nil

c. Proposed quarries

1. Thiru. R. K. Sudhakar Ramakrishnan Thethurai 255/1A, 2A, 2B & 3 1.66.0 Total

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The Proponent, Thiru. R. K. Sudhakar Ramakrishnan has applied for Environmental Clearance to SEIAA-TN on 05.05.2019 for the proposed Rough stone and Gravel quarry over an Extent of 1.66.0 Ha in S.F.Nos.255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 3. The lease agreement between Thiru. Prabu royal and Thiru. R. K. Sudhakar Ramakrishnan for the proposed Rough stone and Gravel quarry over an Extent of 1.66.0 Ha in S.F.Nos.255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out developing the Library/Sports/drinking water facilities in Government School, Thethurai Village for an amount of Rs. 0.63 Lakhs as committed as per Office Memorandum of MoEF & CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	1. The Proponent, Thiru. R. K. Sudhakar Ramakrishnan has applied for Environmental Clearance to SEIAA-TN on 05.05.2019 for the proposed Rough stone and Gravel quarry over an Extent of 1.66.0 Ha in S.F.Nos.255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a)

“Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 3. The lease agreement between Thiru. Prabu royal and Thiru. R. K. Sudhakar Ramakrishnan for the proposed Rough stone and Gravel quarry over an Extent of 1.66.0 Ha in S.F.Nos.255/1, 255/2A, 255/2B & 255/3 at Thethurai Village of Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon^{ble} NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out developing the Library/Sports/drinking water facilities in Government School, Thethurai Village for an amount of Rs. 0.63 Lakhs as committed as per Office Memorandum of MoEF & CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36522/2019** File No- **0042**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36522/2019** dated **30 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **P. Muruganantham,Rough stone and Gravel quarry over an Extent of 1.38.5 Ha in S.F.No. 24/3D**

at Nakkalamuthanpatti Village of Kovilpatti Taluk, Thoothukudi District of M/s GEO EXPLORATION MINING located in Village State **Tamil Nadu** was initially received in the Ministry on **26 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0042** th/nd/rd meeting held between **27 Apr 2019** to **29 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **26 Apr 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Thoothukkudi	Kovilpatti	Nakkalamuthanpatti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease are	1.385	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	9082	9	cubic meter	Quarrying	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. P. Murugantham, Virudhunagar District, Precise Area Communication letter was issued by the District Collector, Thoothukudi District vide Rc. No. GM1/570/2018, dated 08.03.2018 for a period of Five years. It is a Fresh lease for quarrying of Rough stone and Gravel over an Extent of 1.38.5 Ha in S.F.No. 24/3D at Nakkalamuthanpatti Village of Kovilpatti Taluk, Thoothukudi District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide Rc. No. GM1/570/2018 dated 29.04.2019. 3. As per the Department of Geology and Mining, Thoothukudi District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not

exceed 45,410 m³ and Topsoil should not exceed 14,274 m³ upto a depth of 38 m. For First year - Rough stone â€“ 9,420 m³ & Topsoilâ€“7,848m³ For Second year - Rough stone â€“ 9,945 m³ & Topsoil â€“ 6,426 m³ For Third year - Rough stone â€“ 9,050 m³ For Fourth year - Rough stone â€“ 8,960 m³ For Fifth year - Rough stone â€“ 8,035m³

4. The Overburden in the form of Topsoil & weathered rock formation, topsoil will be preserved all along the boundary barrier for afforestation, the weathered rock will be used for filling and levelling of low lying areas.

5. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes).

6. Rough stone are to be transported by Tippers (10/20 T Capacity).

7. The Water table is found to be at the depth of 45m in summer and 40m in rainy season.

8. The Total Manpower requirement is 19 Nos.

9. Total Cost of the project is Rs. 26,39,000/- and EMP Cost about Rs. 1,95,000/-

10. Lease applied area is not covered under HACA region.

11. No Coastal Regulation Zone (CRZ) within the radius of 10km.

12. No Interstate boundary & Western Ghats Boundary within the radius of 10km

13. No National Park & Wild Life Sanctuary within the radius of 10km.No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km

14. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

15. No habitation within the radius of the 300m and nearest habitation is about 800m on the north eastern side.

16. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter Roc. No. 570/G&M/2018, dated 07.05.2019, about the details of quarries within a radius 500m from the boundary of the proposed quarry site as follows.

S.No.	Name of the quarry Owner	Village	S.F.No	Extent (Ha)	Abandoned / Expired
1.	Thiru. P. Muruganatham	Mukkuttuamalai	247	2.02.0	Proposed
2.	Thiru. P. Muruganatham	Mukkuttuamalai	24/3D	1.38.5	Total Extent 3.40.5

RECOMMENDATIONS OF EAC

The committee's recommendation: After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB.
2. All the condition imposed by the District Collector, Thoothukudi District vide in their letter dated 08.03.2019 should be strictly followed.
3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken.
5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries.
8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
11. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
12. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
13. CER proposal of Rs. 0.56 lakhs should be spent for developing Library/ sports, Drinking water facilities in Nakkalamuthanpatti Middle School as per Office Memorandum of MoEF & CC dated 01.05.2018.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>After perusal of the details, the SEAC decided to recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. All the condition imposed by the District Collector, Thoothukudi District vide in their letter dated 08.03.2019 should be strictly followed. 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 11. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 12. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 13. CER proposal of Rs. 0.56 lakhs should be spent for developing Library/ sports, Drinking water facilities in Nakkalamuthanpatti Middle School as per Office Memorandum of MoEF & CC dated 01.05.2018.</p>

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37146/2019** File No- **0064**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/37146/2019** dated **13 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S.Satheesh, Rough stone and Gravel quarry from over an Extent of 4.95.0ha in S.F.No. 245/1Bat Chithambarapuram Village of Ettayapuram Taluk, Thoothukudi District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **01 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0064** th/nd/rd meeting held between **01 Jun 2019** to **01 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **01 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Thoothukkudi	Ettayapuram	Chithambarapuram

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	4.950	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	77032	9	cubic meter	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **Proposed Rough stone & Gravel quarry over an Extent of 4.95.0Ha in S.F.Nos. 245/1B at Chithambarapuram Village ,Ettayapuram Taluk, Thoothukudi District, Tamil Nadu by Thiru. S. Satheesh** for Environment Clearance. (SIA/TN/MIN/37146/2019 dated: **01.06.2019**) The proposal was placed in the 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as

presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. S. Satheesh, Thoothukudi District, Precise Area Communication letter was issued by the District Collector, Thoothukudi District vide R.c.No. G&M.1/687/2017 Dated 17.10.2018 for a period of Five years. It is a fresh lease for quarrying of Rough stone and Gravel quarry from over an extent of area 4.95.0ha in S.F.No. 245/1B at Chithambarapuram Village of Ettayapuram Taluk, Thoothukudi District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide R.c.No. G&M.1/687/2017 Dated 20.10.2018. 3. As per the Department of Geology and Mining, Thoothukudi District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 3,85,160m³ and Gravel should not exceed 1,42,792m³ upto a depth of 19m (4m Gravel + 15m Rough stone). For First year - Rough stone - 78,400 m³ & Gravel - 12,540m³ For Second year - Rough stone - 79,200 m³ & Gravel - 24,816 m³ For Third year - Rough stone - 79,200 m³ & Gravel - 24,816 m³ For Fourth year - Rough stone - 55,360 m³ & Gravel - 35,072 m³ For Fifth year - Rough stone - 55,420m³ & Gravel - 21,992 m³ 4. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 5. Rough stone are to be transported by Tippers (10/20 T Capacity). 6. The Water table is generally at the depth of 35m in rainy season and 40m in summer season. 7. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter Roc. No. 687/G&M/2017, dated 16.04.2019, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows, S.No. Name of the quarry Owner Village S.F.No Extent (Ha) a. Existing Quarries 1. Nil b. Abandoned / Expired quarries 1. Thiru. S. Satheesh Chithambarapuram 245/1A (P) 3.60.0 c. Proposed quarries 1. Thiru. S. Satheesh Chithambarapuram 245/1B (P) 4.95.0 Total Extent 8.55.0 Abandoned / Expired quarries of Thiru. S. Satheesh 245/1A (P), Chithambarapuram village will not be counted for the cluster. Hence, the project comes less than 5.00 Ha.

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The Proponent, Thiru. S. Satheesh has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone & Gravel quarry over an Extent of 4.95.0Ha in S.F.Nos. 245/1B at Chithambarapuram Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu. 2. The project/activity is covered under Category B2 of Item 1(a) - Mining of Mineral Projects of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. A safety distance of 50 m shall be maintained from the lease boundary to the odai. 4. The operation of the quarry should no way impact the water bodies surrounding the project site. 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by

the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 12. CER activities should be carried out for developing sports, facilities and providing toilet, Ro facilities to Government school, Chindambarapuram Village for an amount of Rs. 4.48 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>1. The Proponent, Thiru. S. Satheesh has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone & Gravel quarry over an Extent of 4.95.0Ha in S.F.Nos. 245/1B at Chithambarapuram Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. A safety distance of 50 m shall be maintained from the lease boundary to the odai. 4. The operation of the quarry should no way impact the water bodies surrounding the project site. 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 12. CER activities should be carried out for developing sports, facilities and providing toilet, Ro facilities to Government school, Chindambarapuram Village for an amount of Rs. 4.48 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.</p>

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37236/2019** File No- **0070**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/37236/2019** dated **09 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Triway Warehouses and Holdings Pvt. Ltd., Rough stone and Gravel quarry from over an Extent of 2.02.50Hain S.F.No. 13/2 at Netrampakkam Village of Maduranthagam Taluk, Kancheepuram District of M/s GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **03 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0070** th/nd/rd meeting held between **03 Jun 2019** to **03 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **03 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Kanchipuram	Maduranthakam	Netrampakkam

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarry lease area	2.0250	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from

							Project Site(Kilometers)
(1.)	Rough Stone	72216	9	cubic meter	Quarrying	Road	1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **Proposed Rough stone and Gravel quarry over an Extent of 2.02.50Hain S.F.No. 13/2 at Netrampakkam Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu by Tvl. Triway Warehouses and Holdings Pvt. Ltd., Chennai** for Environment Clearance. (SIA/TN/MIN/37236/2019 dated: 03.06.2019) The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Tvl. Triway Warehouses and Holdings Pvt. Ltd., Chennai, Precise Area Communication letter was issued by the District Collector, Kancheepuram District vide Rc.No.340/Q2/2018 Dated: 29.01.2019 for a period of Five years. It is a Fresh lease for quarrying of Rough stone and Gravel over an Extent of 2.02.50Hain S.F.No. 13/2 at Netrampakkam Village of Maduranthagam Taluk, Kancheepuram District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Kancheepuram District vide Rc.No.340/Q2/2018 Dated: 08.03.2019. 3. As per the Department of Geology and Mining, Kancheepuram District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 3,61,084m³ and Gravel should not exceed 36,736m³ upto a depth of 53m (0.5m topsoil + 2m Gravel + 50.5m Rough stone). For First year - Rough stone 87,724 m³ & Gravel 36,736m³ For Second year - Rough stone 66,240 m³ For Third year - Rough stone 54,940 m³ For Fourth year - Rough stone 79,980m³ For Fifth year - Rough stone 72,200m³ 4. The overburden in the form of Topsoil (9,184m³) with average thickness of 0.5m and it is preserved along the safety boundary of the lease area to utilize for the green belt development during course of Mining operation. 5. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 6. Rough stone are to be transported by Tippers 3 Nos. (10 T Capacity). 7. The Water table is found to be at the depth of 58m from ground profile. 8. The Total Manpower requirement is 18 Nos. 9. Total Cost of the project is Rs. 66,50,000/- and EMP Cost about Rs. 7,00,000/- 10. Lease applied area is not covered under HACA region. 11. No Coastal Regulation Zone (CRZ) within the radius of 10km. 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km. 13. No National Park & Wild Life Sanctuary within the radius of 10km. 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 16. No habitation within the radius of 300m from the lease area. 17. Letter obtained from the Assistant Director, Department of Geology and Mining, Kanchipuram vide Letter Rc. No. 340/Q2/2018, dated 28.05.2019, informed that no quarries within 500m radius.

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the two water bodies (Tanks) located at a distance of 250m & 260m surrounding the project site. 4. Transportation of the quarried materials shall not cause any

hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. It was reported that a depth of 53m (0.5m top soil, 2m Gravel and 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 11. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,KanchipuramDistrict in the following format â€™ Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry e. Existing quarries 1 2 f. Abandoned quarries 1 2 g. Present Proposed quarries 1 2 h. Future Proposed quarries 1 2 Total extent This detail should be submitted to SEIAA before placing the subject to SEIAA meeting. 12. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 13. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 14. CER activities should be carried out for developing the library facilities/ drinking water facilities to Government primary school, Netrampakkam Village an amount of Rs. 1.47Lakhs as committed by the proponent as per Office Memorandum of MoEF& CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the two water bodies(Tanks)located at a distance of 250m & 260m surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and

O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. It was reported that a depth of 53m (0.5m top soil, 2m Gravel and 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 11. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,Kanchipuram District in the following format
 æ Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry e. Existing quarries 1 2 f. Abandoned quarries 1 2 g. Present Proposed quarries 1 2 h. Future Proposed quarries 1 2 Total extent This detail should be submitted to SEIAA before placing the subject to SEIAA meeting. 12. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 13. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 14. CER activities should be carried out for developing the library facilities/ drinking water facilities to Government primary school, Netrampakkam Village an amount of Rs. 1.47Lakhs as committed by the proponent as per Office Memorandum of MoEF& CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37449/2019** File No- **SW/107478**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/37449/2019** dated **04 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **G.Valliappan, Rough stone quarry, 2.00.0 Ha, Poramboke land in S.F.No 52 (Part-1) at Kolathur Village, Pallipattu Taluk, Thiruvallur District, Tamil Nadu** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **20 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **06 May 2019** to **27 May 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance.

Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **20 Jun 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvallur	Pallipattu	Kolathur

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Roughstone	41848	9	cu.m/annum	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	No raw material will be required	0	9	0	NA	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/Lease details : The District Collector, Thiruvallur vide Letter No. Roc No.:84/2018 Mines2 Dated 24.04.2018 directed the proponent (G.Valliappan) to get approved Mining Plan and Environment Clearance for Rough Stone quarry, 2.00.0 Ha, Poramboke land in S.F.No 52 (Part-1) at Kolathur Village, Pallipattu Taluk, Thiruvallur District, Tamil Nadu. 2. Mining Plan/Scheme of Mining approval details: The Mining Plan was approved by Assistant Director of Geology and Mining, Thiruvallur Vide.Rc.No.84/2018 (Mines-2) Dated 27.06.2018 for a period of 5 years. The following are the production and developmental works to be carried out for 5 years as given in the table below, Year Volume in m3 Mineable reserves in CBM @ 98% Mine waste in CBM @ 2% Overburden in CBM First 38400 37631 769 15660 Second 46810 45874 936 -- Third 43960 43081 879 -- Fourth 33810 33134 676 -- Fifth 50530 49520 1010 -- Total 213510 209240 4270 15660 3. As per the Approved Mining Plan for a period of 5 years, the total quantity of recoverable rough stone as proposed should not exceed 2,09,240 m3. 1st Year â€“**

37,631 m³ 2nd Year “ 45,874 m³ 3rd Year “ 43,081 m³ 4th Year “ 33,134 m³ 5th Year “ 49,520 m³

4. The waste that will be resulting for the next 5 years will be Rough stone rejects of 4,270 m³ (2% Rejects).

5. Mining operation will be by opencast semi mechanized method with (Jackhammer) drilling and blasting and for loading and transport by Hydraulic excavator and tipper combination. 6. Rough stone is to be transported by 3 tippers of 10 MT capacity. The SEAC noted the following: 1. The Proponent, Thiru.G. Valliappan has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough Stone quarry from over an Extent of 2.00.0Ha in S.F. Nos. 52 (Part - 1) in Kolathur Village, Pallipattu Taluk, Thiruvallur District, Tamilnadu. 2. The project/activity is covered under Category “B2” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006. 3. Letter obtained from the Assistant Director, Department of Geology and Mining, Thiruvallur vide Letter Roc. No. 84/2018/G&M/2 dated 06.06.2019, about the details of quarries within a radius 500m from the boundary of the proposed quarry site. In that letter the Assistant Director, Department of Geology and Mining, Thiruvallur has informed that there is no other quarry within 500m.

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. It was reported that quarrying operation was already been carried out in the leased area with pit dimension 145 m length x 102 width x 56 m above ground level. Hence, the proponent is requested to obtain the following details from the AD, mines, Thiruvallur that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon^{ble} NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 12. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 2.62 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

Conclusion

Recommended

Member Secretary Condition**Specific Condition**

S.No	Condition
(1)	<p>1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. It was reported that quarrying operation was already been carried out in the leased area with pit dimension 145 m length x 102 width x 56 m above ground level. Hence, the proponent is requested to obtain the following details from the AD, mines, Thiruvallur that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 12. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 2.62 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.</p>

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37816/2019** File No- **0084**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/37816/2019** dated **27 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Thiru.P.Senthil, Rough stone quarry from over an Extent of 2.40.80ha in S.F.No. 525/3B2, 525/5B & 525/6 at Muthunaickenpatti Village of Palani Taluk, Dindigul District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **15 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0082** th/nd/rd meeting held between **15 Jun 2019** to **15 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **15 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Dindigul	Palani	Muthunaicken patti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	LEASE AREA	2.408	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	79800	9	cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. P. Senthil, Chennai,**

Precise Area Communication letter was issued by the District Collector, Dindigul District vide Roc.No.695/2018 (Mines) Date 14.05.2019 for a period of Five years. It is a Fresh lease for quarrying of Rough stone quarry over an Extent of 2.40.80ha in S.F.No. 525/3B2, 525/5B & 525/6 at Muthunaickenpatti Village, Palani Taluk, Dindigul District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Dindigul District vide Roc.No.695/2018 (Mines) Date 27.05.2019. 3. As per the Department of Geology and Mining, Dindigul District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 3,99,000m³ and Topsoil should not exceed 11,200m³ upto a depth of 41m (1m topsoil + 40m Rough stone). For First year - Rough stone 95,200 m³ & Topsoil 11,200m³ For Second year - Rough stone 80,250 m³ For Third year - Rough stone 66,300 m³ For Fourth year - Rough stone 94,750 m³ For Fifth year - Rough stone 62,500 m³ 4. The overburden in the form of Topsoil (11,200m³). Topsoil shall be removed and dumped earth bund for plantation purposes. 5. Quarrying operation will be done by Opencast Semi Mechanized / Mining method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 6. Rough stone are to be transported by Tippers 2 Nos. (15M.T Capacity). 7. The Water table is found to be at the depth of 60m in Summer and 56m in rainy season from general ground level. 8. The Total Manpower requirement is 14 Nos. 9. Total Cost of the project is Rs. 35,00,000/- and EMP Cost about Rs. 3,20,000/- 10. Lease applied area is not covered under HACA region. 11. No Coastal Regulation Zone (CRZ) within the radius of 10km. 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km 13. No National Park & Wild Life Sanctuary within the radius of 10km. 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 16. No habitation within the radius of 300m from the lease area. 17. Letter obtained from the Assistant Director, Department of Geology and Mining, Dindigul vide Letter Roc. No. 695/2018(Mines), dated 13.06.2019, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows. S.No. Name of the quarry Owner Village S.F.No Extent (Ha)

a. Existing Quarries 1. Tmt. T. Chitra W/o. R. Thiruvengatam, 150-D, A.C.S. M. Quarters, Krishnapuram, Madathukulam Tk, Tiruppur District 642 111 Muthunaickenpatti 525/3A1 1.66.0 b. Abandoned / Expired quarries 1. Nil c. Proposed quarries 1. Thiru. P. Senthil S/o. Thiru.Ponnusamy Gounder, No.2/20, North Street, Midapadi Village & Post, Palani Taluk, Dindigul Muthunaickenpatti 525/3B, 525/5B, 525/6 2.40.80 Total Extent 4.06.80

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The Proponent, has applied for Environmental Clearance to SEIAA-TN for the proposed gravel quarry from over an Extent of 2.40.80 Ha in S.F.No: 525/3B, 525/5B, 525/6 Muthunaickenpatti Village, Palani Taluk, Dindigul District, Tamil Nadu. 2. The project/activity is covered under Category B2 of Item 1(a) Mining of Mineral Projects of the Schedule to the EIA Notification, 2006. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished. After perusal of the detail submitted by the project proponent, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to normal condition in addition to following conditions: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. In the Google image it was noticed that quarrying activities were already been carried out in the leased area. Hence, the proponent is requested to obtain the following details from the AD, mines, Dindigul that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 4. The operation of the quarry should no way

impact the water bodies surrounding the project site. 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. Two Wind mill is located near to the project site. The proponent shall study the impact of the operation of the proposed mines on the wind mill. 10. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 12. It was reported that a depth of 41m (1m topsoil + 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 13. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 14. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 1 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the notary public.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. The Proponent,has applied for Environmental Clearance to SEIAA-TN for the proposed gravel quarry from over an Extent of 2.40.80 Ha in S.F.No: 525/3B, 525/5B, 525/6 Muthunaickenpatti Village, PalaniTaluk, Dindigul District, Tamil Nadu. 2. The project/activity is covered under Category â€œBâ€• of Item 1(a) â€œMining of Mineral Projectsâ€• of the Schedule to the EIA Notification, 2006. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished. After perusal of the detail submitted by the project proponent, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to normal condition in addition to following conditions: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. In the Google image it was noticed that quarrying activities were already been carried out in the leased area. Hence, the proponent is requested to obtain the following details from the AD, mines, Dindugal that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 4. The operation of the quarry should no way impact the water bodies surrounding the project site. 5.

Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. Two Wind mill is located near to the project site. The proponent shall study the impact of the operation of the proposed mines on the wind mill. 10. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 12. It was reported that a depth of 41m (1m topsoil + 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 13. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 14. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 1 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the notary public.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38018/2019** File No- **0094**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38018/2019** dated **26 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **T. Rani,Rough stone and Gravel quarry from over an Extent of 1.67.0ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai Distr of M/s GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **03 May 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0084** th/nd/rd meeting held

between **02 May 2019** to **15 May 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **03 May 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvannamalai	Vandavasi	Vadugamangalam

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.67.0	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	45404	9	cubic meter	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **Proposed Rough stone and Gravel quarry over an Extent of 1.67.0 ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu by Tmt. T. Rani, Kancheepuram District** for Environmental Clearance. (SIA/TN/MIN/38018/2019) The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Tmt. T. Rani, Kancheepuram District, Precise Area Communication letter was issued by the District Collector, Tiruvannamalai District vide Rc. No. 86/Kanimam/2018, dated 28.05.2019 for a period of Five years. It is a Fresh lease for quarrying of Rough stone and Gravel over an Extent of 1.67.0ha in S.F. Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc. No. 86/ Kanimam/2018, dated 12.06.2019. 3. As per

the Department of Geology and Mining, Tiruvannamalai District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,27,020m³ and Gravel should not exceed 29,302m³ upto a depth of 37m (2m Gravel + 35m Rough stone). For First year - Rough stone 42,529 m³ & Gravel 19,462m³ For Second year - Rough stone 48,400 m³ & Gravel 9,840 m³ For Third year - Rough stone 45,645 m³ For Fourth year - Rough stone 45,450 m³ For Fifth year - Rough stone 44,930m³ 4. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 5. Rough stone and Gravel are to be transported by Tippers of 4 Nos (10/20 T Capacity). 6. The Water table is found to be at the depth of 55m in summer and 52m in rainy season. 7. The Total Manpower requirement is 33 Nos. 8. No Coastal Regulation Zone (CRZ) within the radius of 10km. 9. Total Cost of the project is Rs. 48,15,130/- and EMP Cost about Rs. 3,80,000/- 10. Lease applied area is not covered under HACA region. 11. No Interstate boundary & Western Ghats Boundary within the radius of 10km 12. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km 13. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 14. Nearest habitation is about 350m on the Northern side of the lease area. 15. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter Roc. No. 86/Kanimam/2018, dated 13.06.2019, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows. S.No. Name of the quarry Owner Village S.F.No Extent (Ha) d. Existing Quarries 2. Nil e. Abandoned / Expired quarries 2. Tmt. T. Rani Vadugamangalam 34/5B, 10, 11 1.59.5 f. Present Proposed quarries 2. Tmt. T. Rani Vadugamangalam 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 1.67.0 g. Future Proposed quarries 3. Nil Total Extent 3.26.5

RECOMMENDATIONS OF EAC

The committee's recommendation: After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. NoC/ permission/ Agreement for carrying out Rough stone and Gravel quarry over an Extent of 1.67.0 ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu has to be obtained from the Tmt. Selvi & Thiru. Prabakaran (land owners). This documents should be submitted before placing the subject to SEIAA. 3. Tmt. Selvi & Thiru. Prabakaran (land owners) and Tmt. T.Rani (proponent) for the Proposed the lease agreement between Tmt. Selvi & Thiru. Prabakaran (land owners) and Tmt. T.Rani (proponent) for the Proposed Rough stone and Gravel quarry over an Extent of 1.67.0 ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 4. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 6. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 7. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 8. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 9. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 10. The recommendation for the issue of environmental clearance is subjected to the outcome of the Hon^{ble} NGT, Principal Bench, New

Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 11. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 12. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 13. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 14. CER proposal of Rs. 1.35 lakhs should be spent for RO Development and plantation in the vadugamangalam Tank bund as per Office Memorandum of MoEF & CC dated 01.05.2018.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. NoC/ permission/ Agreement for carrying out Rough stone and Gravel quarry over an Extent of 1.67.0 ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu has to be obtained from the Tmt. Selvi & Thiru. Prabakaran (land owners). This documents should be submitted before placing the subject to SEIAA. 3. Tmt. Selvi & Thiru. Prabakaran (land owners) and Tmt. T.Rani (proponent) for the Proposed the lease agreement between Tmt. Selvi & Thiru. Prabakaran (land owners) and Tmt. T.Rani (proponent) for the Proposed Rough stone and Gravel quarry over an Extent of 1.67.0 ha in S.F.Nos. 34/8, 34/9, 35/1A1, 35/1A2, 35/1A3, 35/1A4 and 35/1A5 at Vadugamangalam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 4. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 6. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 7. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 8. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 9. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 10. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 11. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 12. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 13. To prevent dust pollution, suitable working methodology needs to be</p>

adopted taking wind direction into consideration. 14. CER proposal of Rs. 1.35 lakhs should be spent for RO Development and plantation in the vadugamangalam Tank bund as per Office Memorandum of MoEF & CC dated 01.05.2018.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIN/40735/2019** File No- **0126**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/40735/2019** dated **06 Aug 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R.Kumar**, It is a fresh application of Rough stone Quarry from over an Extent of **3.87.5Ha** in **S.F.Nos. 180/18, 19, etc.,** at **Uppiliyakudi Village, Kulathur Taluk, Pudukkottai District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **06 Aug 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0126** th/nd/rd meeting held between **06 Aug 2019** to **06 Aug 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **06 Aug 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Pudukkottai	Kulathur	Uppiliyakudi

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	3.875	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	114434	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- 1.

RECOMMENDATIONS OF EAC

The committee's recommendation: 1The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284 sq.m with total build up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to carter the essential load requirement during power failure with a stack height of 70 m. The SEAC noted the following: 1. The Proponent, M/s Rainbow Foundations Limited has applied for Environment Clearance to SEIAA on 02.06.2019 for Proposed construction of Commercial cum Residential multistoried building with a total built up area of 40523.23 Sq.m at New Door No. 302/1, 302/2 & 304, Old Door No.152, 152/1 & 152/2, Purasawalkkam High Road, Kilpauk, Chennai & at Old S.No: 63, R.S.No: 3048, Block No.49 of Purasawalkkam Village, Purasawalkkam Taluk, Chennai District, Tamilnadu 2. The project proponent has submitted a letter dated 15.07.2019 received by SEIAA on 17.07.2019 stating that the plan is revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 3. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following

details: 1. The revised form I, Form IA and Conceptual plan should be revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates and the same shall be included in the layout out plan and also the revised plan may be submitted to CMDA for approval. 3. The project proponent is requested to furnish the details of the proposed activities in the 2 Basement proposed. 4. Details of the Evacuation plan for 2 proposed basements shall be furnished. 5. The proponent shall provide the fire safety management and rescue plan. 6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 7. The proposal for CER should be furnished with time frame as per Office Memorandum vide F.No.22-65/2017-IA-III dated MoEF & CC dated 01.05.2018. On receipt of the above details, the further course of action may be taken by the SEAC.

Conclusion

Deferred

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIS/100289/2019** File No- **6780**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/100289/2019** dated **28 Mar 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**8(a) Building and Construction projects** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M/S.TNSCB** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Kanchipuram	Kancheepuram	Thailavaram

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Built up area	36481	9	Sq.m	Others	NA

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Built up area	36481	9	Sqm	NA	Others	NA	0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Plot area is 41875.00 Sq.m in which Basement + Ground + 3 Floors to be constructed with total built up area of 36481 m2. Area for Roads and Pavement is 9129.69 m2 with 6281.96 m2 of greenbelt area (15% of net land area for development) and 4383.28 m2 of OSR area (10% of net land area for development). 2. The proponent has constructed a building with existing built up area of 17910.24 Sq.m and the proponent informed that the built-up area of the existing buildings is less than 20000 sq.m. Hence the proponent informed that existing buildings are not required the Environmental clearance. 3. The project is located at 12°50'12.99"N Latitude, 80°02'33.20"E Longitude. 4. This proposal comprises of 960 dwelling units with population of about 5040 Nos. 5. A total of 695 KLD of fresh water is required which is sourced from TWAD Board. 274 KLD of grey water generated which is treated through a grey water treatment system with capacity of 300 kLD. The treated grey water 223 kLD to be used for toilet flushing, 22 kLD utilized for gardening and 15 kLD utilized for greenbelt development in the OSR Area. A total quantity of 380 KLD of black water (sewage) generated is treated in STP- Sequential Batch Reactor (SBR) resulting in 337 KLD of treated water is planned to be used for avenue plantation purpose. 6. A total of 1718 KVA of power is required which is sourced from TNEB grid. 7. Total waste estimated to be generated is 2.448 Tons/day in which 1.469 Tons /day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 45 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 0.97 Tons/day is non bio-degradable waste will be sold to Authorized recyclers. The SEAC noted the following:

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The proposed lands for the developments of residential apartments possess land use classification as Grazing ground poramboke (fodder land). Hence, the

project proponent is requested to obtain the suitable land use classification from the competent Authority for the proposed activity. 2. The project proponent is requested to furnish the exact distance from the burial ground to the proposed project boundary with a lay out map. 3. The project proponent is requested to submit the building plan permission obtained for the constructed building with a built up area of 17910.24 Sq.m so as to confirm the non applicability of EC for the existing buildings. 4. Ambient Air Quality modeling for PM10, PM2.5, SOx, NOx&CO for the proposed project and impact due to the proposed project shall be modeled and furnished. 5. Solar energy utilization for 10% of total energy shall be provided. 6. The layout plan furnished for the greenbelt area earmarked by the project proponent on the periphery of the site and the same shall be submitted for CMDA approval. 7. The design detail of the STP with the component shall be furnished. Further, the reason for adopting the SBR technology shall be explained in detail. 8. Necessary permission shall be obtained and furnished for utilization of 15 kLD of the treated sewage for OSR and the same shall be furnished. 9. Necessary permission shall be obtained and furnished for utilization of 337 kLD of the treated sewage for Avenue plantation or irrigation. Document in this regard should be submitted. 10. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 11. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018. On receipt of the above said details, SEAC will decide the further course of action on the proposal.

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. The proposed lands for the developments of residential apartments possess land use classification as Grazing ground poramboke (fodder land). Hence, the project proponent is requested to obtain the suitable land use classification from the competent Authority for the proposed activity. 2. The project proponent is requested to furnish the exact distance from the burial ground to the proposed project boundary with a lay out map. 3. The project proponent is requested to submit the building plan permission obtained for the constructed building with a built up area of 17910.24 Sq.m so as to confirm the non applicability of EC for the existing buildings. 4. Ambient Air Quality modeling for PM10, PM2.5, SOx, NOx&CO for the proposed project and impact due to the proposed project shall be modeled and furnished. 5. Solar energy utilization for 10% of total energy shall be provided. 6. The layout plan furnished for the greenbelt area earmarked by the project proponent on the periphery of the site and the same shall be submitted for CMDA approval. 7. The design detail of the STP with the component shall be furnished. Further, the reason for adopting the SBR technology shall be explained in detail. 8. Necessary permission shall be obtained and furnished for utilization of 15 kLD of the treated sewage for OSR and the same shall be furnished. 9. Necessary permission shall be obtained and furnished for utilization of 337 kLD of the treated sewage for Avenue plantation or irrigation. Document in this regard should be submitted. 10. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 11. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018. On receipt of the above said details, SEAC will decide the further course of action on the proposal.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIS/106277/2019** File No- **6852**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/106277/2019** dated **24 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**8(a) Building and Construction projects** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **LANCOR HOLDINGS LIMITED** located in as follows :

State of the project								
S. No.	State		District		Tehsil	Village		
(1.)	Tamil Nadu		Kanchipuram		Tambaram	Keelkattlai		
14. Project configuration/product details								
S. No.	Project configuration/product details		Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport	
NIL								
Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
NIL								

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of**

the project and the environmental impact assessment as presented by the proponent are as follows: 1. Environmental Clearance (EC) has been obtained from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.m with a total land area of 6030 Sq.m in 2018 for construction of residential block (Stilt + 15 floors) with 332 number of dwelling units. 2. Revision in Environmental Clearance for the total built-up area from 33,952 Sq.m to 39,021 Sq.m with total land area of project is 6,030 Sq.m 3. The project is located at 12°57'07.61" N Latitude, 80°11'05.76" E Longitude 4. The proposed project after revision comprises of a Residential block (2 Basements + Stilt + 15 Floors) with 303 Nos. of dwelling units the expected number of occupancy in the project is 1,591 nos. 5. The Daily total fresh water requirement will be 141kLD. The daily make-up fresh water requirement is 139 kLD will be sourced through Pallavaram Municipality and remaining 72kLD is recycled treated sewage from the STP. The fresh water used for domestic purpose is 137 kLD and 2 kLD for swimming pool. The waste water of 209 kLD generated is treated through 240 KLD capacity STP Plant with Sequential Batch Reactor process resulting in 198 KLD of treated sewage in which 72 KLD is used for flushing, 3 KLD for Greenbelt development and remaining 123 KLD is planned to be discharged through Municipal sewer line. 6. A total of 905 Sq.m is earmarked as greenbelt development. 7. A total of 301 number of car parks & 135 number of two wheeler parks proposed in 4007 m² of parking area allotted and the surface parking area is 1488 m². 8. A total of 2,800 kVA of power is required which will be sourced from TNEB grid. Back-up power supply is through 1 no. of 400 kVA and 1 no. of 200 kVA with a stack height of 54 m above the ground level. 9. The runoff from the project site harvested through collection sumps of 100 KL capacity. 10. Total waste estimated to be generated is 953 Kg/day in which 580 Kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC) within the project site and then used as manure for gardening purpose within project site. The Non Biodegradable waste of 373 Kg/day will be sent to authorized recyclers. The STP Sludge of 21 Kg/day will be dried and used as manure for green belt development

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The Proponent, M/s. Lancor Holdings Limited has applied for EC to SEIAA-TN for the Existing Environmental Clearance for the Residential Building Complex at S Old Survey Nos. 316/4, 316/5, 316/6B, 336/1A1, 336/1A2 & 336/1A3, T. S. Nos. 64/4 & 65 of Keelkattalai Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006. 3. The project proponent has obtained Environment Clearance from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.m for the construction of Residential block (Stilt + 15 Floors) with 332 Nos. of dwelling units. Now, the project proponent has applied for EC for the revised proposal with total built up area of 39,021 Sq.m for the construction of Residential block (2 Basement + Stilt + 15 Floors) with 303 Nos. of dwelling units. After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details: 1. The project proponent is requested to furnish the details of the proposed activities in the 2 basements proposed. 2. Details of the evacuation plan for 2 proposed basements shall be furnished. 3. The project proponent may explore the possibility of avoiding the proposed level of 2 basements, or at least restrict to one basement. If possible. 4. Entry and Exit levels of the proposed basement shall be raised to a height of 1.2 m considering the road level of Pallavaram Thoripakkam 200 ft road. Accordingly the proponent shall submit the plan for the above said point. 5. CMDA approval letter for the 2 basements level and the layout plan submitted to the CMDA shall be furnished. 6. The proponent is requested to furnish the NOC from PWD on inundation point of view considering the 2015 flood. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by

the sub-committee constituted by the SEAC since the earlier EC was issued on 31.12.2018 . Based on the inspection report and the data furnished for S.No. 1 to 6 stated above, SEAC would further deliberate on this project and decide the further course of action.

Conclusion

SiteVisit

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>1. The Proponent, M/s. Lancor Holdings Limited has applied for EC to SEIAA-TN for the Existing Environmental Clearance for the Residential Building Complex at S Old Survey Nos. 316/4, 316/5, 316/6B, 336/1A1, 336/1A2 & 336/1A3, T. S. Nos. 64/4 & 65 of Keelkattalai Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006. 3. The project proponent has obtained Environment Clearance from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.m for the construction of Residential block (Stilt + 15 Floors) with 332 Nos. of dwelling units. Now, the project proponent has applied for EC for the revised proposal with total built up area of 39,021 Sq.m for the construction of Residential block (2 Basement + Stilt + 15 Floors) with 303 Nos. of dwelling units. After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details: 1. The project proponent is requested to furnish the details of the proposed activities in the 2 basements proposed. 2. Details of the evacuation plan for 2 proposed basements shall be furnished. 3. The project proponent may explore the possibility of avoiding the proposed level of 2 basements, or at least restrict to one basement. If possible. 4. Entry and Exist levels of the proposed basement shall be raised to a height of 1.2 m considering the road level of Pallavaram Thoripakkam 200 ft road. Accordingly the proponent shall submit the plan for the above said point. 5. CMDA approval letter for the 2 basements level and the layout plan submitted to the CMDA shall be furnished. 6. The proponent is requested to furnish the NOC from PWD on inundation point of view considering the 2015 flood. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the earlier EC was issued on 31.12.2018 . Based on the inspection report and the data furnished for S.No. 1 to 6 stated above, SEAC would further deliberate on this project and decide the further course of action.</p>
(2)	<p>1. The Proponent, M/s. Lancor Holdings Limited has applied for EC to SEIAA-TN for the Existing Environmental Clearance for the Residential Building Complex at S Old Survey Nos. 316/4, 316/5, 316/6B, 336/1A1, 336/1A2 & 336/1A3, T. S. Nos. 64/4 & 65 of Keelkattalai Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006. 3. The project proponent has obtained Environment Clearance from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.m for the construction of Residential block (Stilt + 15 Floors) with 332 Nos. of dwelling units. Now, the project proponent has applied for EC for the revised proposal with total built up area of 39,021 Sq.m for the construction of Residential block (2 Basement + Stilt + 15 Floors) with 303 Nos. of dwelling units. After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details: 1. The project</p>

proponent is requested to furnish the details of the proposed activities in the 2 basements proposed. 2. Details of the evacuation plan for 2 proposed basements shall be furnished. 3. The project proponent may explore the possibility of avoiding the proposed level of 2 basements, or at least restrict to one basement. If possible. 4. Entry and Exist levels of the proposed basement shall be raised to a height of 1.2 m considering the road level of PallavaramThoripakkam 200 ft road. Accordingly the proponent shall submit the plan for the above said point. 5. CMDA approval letter for the 2 basements level and the layout plan submitted to the CMDA shall be furnished. 6. The proponent is requested to furnish the NOC from PWD on inundation point of view considering the 2015 flood. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the earlier EC was issued on 31.12.2018 . Based on the inspection report and the data furnished for S.No. 1 to 6 stated above, SEAC would further deliberate on this project and decide the further course of action.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Apprasisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIS/106551/2019** File No- **6855**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/106551/2019** dated **28 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**8(a) Building and Construction projects** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M/S. RAINBOW FOUNDATIONS LIMITED** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Chennai	Perambur Purasaivakkam	Purasawalkkam
14.	Project configuration/product details			

S. No.	Project configuration/product details		Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product		Other Mode of Transport
NIL								
Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
NIL								

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284 sq.m with total build up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to cater the essential load requirement during power failure with a stack height of 70 m.

RECOMMENDATIONS OF EAC

The committee's recommendation: **The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284 sq.m with total build up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided

and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to cater the essential load requirement during power failure with a stack height of 70 m. The SEAC noted the following: 1. The Proponent, M/s Rainbow Foundations Limited has applied for Environment Clearance to SEIAA on 02.06.2019 for Proposed construction of Commercial cum Residential multistoried building with a total built up area of 40523.23 Sq.m at New Door No. 302/1, 302/2 & 304, Old Door No.152, 152/1 & 152/2, Purasawalkkam High Road, Kilpauk, Chennai & at Old S.No: 63, R.S.No: 3048, Block No.49 of Purasawalkkam Village, Purasawalkkam Taluk, Chennai District, Tamilnadu 2. The project proponent has submitted a letter dated 15.07.2019 received by SEIAA on 17.07.2019 stating that the plan is revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 3. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details: 1. The revised form I, Form IA and Conceptual plan should be revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates and the same shall be included in the layout out plan and also the revised plan may be submitted to CMDA for approval. 3. The project proponent is requested to furnish the details of the proposed activities in the 2 Basement proposed. 4. Details of the Evacuation plan for 2 proposed basements shall be furnished. 5. The proponent shall provide the fire safety management and rescue plan. 6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 7. The proposal for CER should be furnished with time frame as per Office Memorandum vide F.No.22-65/2017-IA-III dated MoEF & CC dated 01.05.2018. On receipt of the above details, the further course of action may be taken by the SEAC.

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284

sq.m with total build up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to carter the essential load requirement during power failure with a stack height of 70 m. The SEAC noted the following: 1. The Proponent, M/s Rainbow Foundations Limited has applied for Environment Clearance to SEIAA on 02.06.2019 for Proposed construction of Commercial cum Residential multistoried building with a total built up area of 40523.23 Sq.m at New Door No. 302/1, 302/2 & 304, Old Door No.152, 152/1 & 152/2, Purasawalkkam High Road, Kilpauk, Chennai & at Old S.No: 63, R.S.No: 3048, Block No.49 of Purasawalkkam Village, Purasawalkkam Taluk, Chennai District, Tamilnadu 2. The project proponent has submitted a letter dated 15.07.2019 received by SEIAA on 17.07.2019 stating that the plan is revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 3. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details: 1. The revised form I, Form IA and Conceptual plan should be revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates and the same shall be included in the layout out plan and also the revised plan may be submitted to CMDA for approval. 3. The project proponent is requested to furnish the details of the proposed activities in the 2 Basement proposed. 4. Details of the Evacuation plan for 2 proposed basements shall be furnished. 5. The proponent shall provide the fire safety management and rescue plan. 6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 7. The proposal for CER should be furnished with time frame as per Office Memorandum vide F.No.22-65/2017-IA-III dated MoEF & CC dated 01.05.2018. On receipt of the above details, the further course of action may be taken by the SEAC.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on

the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIS/106629/2019** File No- **6852**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/106629/2019** dated **29 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**8(a) Building and Construction projects** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **SATHIANARAYANA** located in as follows :

State of the project								
S. No.	State		District		Tehsil	Village		
(1.)	Tamil Nadu		Chennai		Mylapore Triplicane	Mylapore		
14. Project configuration/product details								
S. No.	Project configuration/product details		Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport	
NIL								
Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
NIL								

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Environmental Clearance (EC) has been obtained from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.mwith a total land area of 6030 Sq.min 2018 for construction of residential block (Stilt + 15 floors) with 332 number of dwelling units. . 2. Revision in Environmental Clearance for the total built-up area**

from 33,952 Sq.m to 39,021 Sq.m with total land area of project is 6,030 Sq.m 3. The project is located at 12°57'07.61" N Latitude, 80°11'05.76" E Longitude 4. The proposed project after revision comprises of a Residential block (2 Basements + Stilt + 15 Floors) with 303 Nos. of dwelling units the expected number of occupancy in the project is 1,591 nos. 5. The Daily total fresh water requirement will be 141kLD. The daily make-up fresh water requirement is 139 kLD will be sourced through Pallavaram Municipality and remaining 72kLD is recycled treated sewage from the STP. The fresh water used for domestic purpose is 137 kLD and 2 kLD for swimming pool. The waste water of 209 kLD generated is treated through 240 KLD capacity STP Plant with Sequential Batch Reactor process resulting in 198 KLD of treated sewage in which 72 KLD is used for flushing, 3 KLD for Greenbelt development and remaining 123 KLD is planned to be discharged through Municipal sewer line. 6. A total of 905 Sq.m is earmarked as greenbelt development. 7. A total of 301 number of car parks & 135 number of two wheeler parks proposed in 4007 m² of parking area allotted and the surface parking area is 1488 m². 8. A total of 2,800 kVA of power is required which will be sourced from TNEB grid. Back-up power supply is through 1 no. of 400 kVA and 1 no. of 200 kVA with a stack height of 54 m above the ground level. 9. The runoff from the project site harvested through collection sumps of 100 KL capacity. 10. Total waste estimated to be generated is 953 Kg/day in which 580 Kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC) within the project site and then used as manure for gardening purpose within project site. The Non Biodegradable waste of 373 Kg/day will be sent to authorized recyclers. The STP Sludge of 21 Kg/day will be dried and used as manure for green belt development.

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, M/s. Lancor Holdings Limited has applied for EC to SEIAA-TN for the Existing Environmental Clearance for the Residential Building Complex at S Old Survey Nos. 316/4, 316/5, 316/6B, 336/1A1, 336/1A2 & 336/1A3, T. S. Nos. 64/4 & 65 of Keelkattalai Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006. 3. The project proponent has obtained Environment Clearance from SEIAA, Tamil Nadu Vide Lr.No.SEIAA-TN/F.6584/EC/8(a)/625/2018 dated: 31.12.2018 for the project with total built up area of 33,952 Sq.m for the construction of Residential block (Stilt + 15 Floors) with 332 Nos. of dwelling units. Now, the project proponent has applied for EC for the revised proposal with total built up area of 39,021 Sq.m for the construction of Residential block (2 Basement + Stilt + 15 Floors) with 303 Nos. of dwelling units. After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details: 1. The project proponent is requested to furnish the details of the proposed activities in the 2 basements proposed. 2. Details of the evacuation plan for 2 proposed basements shall be furnished. 3. The project proponent may explore the possibility of avoiding the proposed level of 2 basements, or at least restrict to one basement. If possible. 4. Entry and Exist levels of the proposed basement shall be raised to a height of 1.2 m considering the road level of Pallavaram Thoripakkam 200 ft road. Accordingly the proponent shall submit the plan for the above said point. 5. CMDA approval letter for the 2 basements level and the layout plan submitted to the CMDA shall be furnished. 6. The proponent is requested to furnish the NOC from PWD on inundation point of view considering the 2015 flood. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the earlier EC was issued on 31.12.2018. Based on the inspection report and the data furnished for S.No. 1 to 6 stated above, SEAC would further deliberate on this project and decide the further course of action

Conclusion

Site Visit

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **01 Oct 2019**

(1.) Proposal No. :- **SIA/TN/MIS/109094/2019** File No- **6978 Accepted**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/109094/2019** dated **22 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**8(a) Building and Construction projects** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **SOUTH INDIA SHELTERS PRIVATE LIMITED** located in as follows :

State of the project								
S. No.	State		District		Tehsil	Village		
(1.)	Tamil Nadu		Tiruvallur		Ambattur	Vanagaram and Chettiagaram		
14. Project configuration/product details								
S. No.	Project configuration/product details		Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport	
NIL								
Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- 1.

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284 sq.m with total built up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to cater the essential load requirement during power failure with a stack height of 70 m. The SEAC noted the following: 1. The Proponent, M/s Rainbow Foundations Limited has applied for Environment Clearance to SEIAA on 02.06.2019 for Proposed construction of Commercial cum Residential multistoried building with a total built up area of 40523.23 Sq.m at New Door No. 302/1, 302/2 & 304, Old Door No.152, 152/1 & 152/2, Purasawalkkam High Road, Kilpauk, Chennai & at Old S.No: 63, R.S.No: 3048, Block No.49 of Purasawalkkam Village, Purasawalkkam Taluk, Chennai District, Tamilnadu 2. The project proponent has submitted a letter dated 15.07.2019 received by SEIAA on 17.07.2019 stating that the plan is revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 3. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details: 1. The revised form I, Form IA and Conceptual plan should be revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates and the same shall be included in the layout out plan and also the revised plan may be submitted to CMDA for approval. 3. The project proponent is requested to furnish the details of the proposed activities in the 2 Basement proposed. 4. Details of the Evacuation plan for 2 proposed basements shall be furnished. 5. The proponent shall provide the fire safety management and rescue plan. 6. Detail of Solid Waste management plan shall be prepared as per Solid

waste management Rules, 2016 and same shall be furnished. 7. The proposal for CER should be furnished with time frame as per Office Memorandum vide F.No.22-65/2017-IA-III dated MoEF & CC dated 01.05.2018. On receipt of the above details, the further course of action may be taken by the SEAC.

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1.
(2)	<p>The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. The project is located at 13°05'11.70"N Latitude, 80°14'53.10"E Longitude. 2. The total land area of the project is 6284 sq.m with total build up area 42852.89 sq.m 3. The project comprises of residential cum commercial development consists of combined double basement (Parking) + stilt + 1st floor to 3rd floor (commercial use) and 4th floor to 16th floor (residential building) with total number of 104 dwelling units. 4. A total of 356 numbers of car parking and 328 numbers of two wheeler parking to be provided and area allotted for parking is 5134.40 sq.m 5. The green belt area proposed for the project is 943 sq.m (15% of total land area). 6. The daily fresh water requirement is 66 KLD to be sourced from CMWSSB. Out of 66 KLD, 64 KLD will be used for domestic purpose & 2 KLD for swimming Pool top up. 7. The sewage generated from the project will be 104 KLD including 46 KLD of recycled flush water, which will be treated in the STP of 150 KLD capacity & the treated sewage of 99 KLD will be recycled and 46 KLD will be used for toilet flushing, 3 KLD will be used for Greenbelt & remaining excess treated sewage of 50 KLD will be used for HVAC cooling. 8. Total waste estimated to be generated is 493 Kg/day in which 296 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 20 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 197 Kg/day is Non Biodegradable waste will be sold to recyclers. 9. The rainwater harvesting pit has 9 nos of 1.2 m dia and 1.5 m depth & the rainwater collection sump of capacity 100 cu.m to be provided. 10. The proponent is proposed to install D.G set of 1 nos of 570 KVA to cater the essential load requirement during power failure with a stack height of 70 m. The SEAC noted the following: 1. The Proponent, M/s Rainbow Foundations Limited has applied for Environment Clearance to SEIAA on 02.06.2019 for Proposed construction of Commercial cum Residential multistoried building with a total built up area of 40523.23 Sq.m at New Door No. 302/1, 302/2 & 304, Old Door No.152, 152/1 & 152/2, Purasawalkkam High Road, Kilpauk, Chennai & at Old S.No: 63, R.S.No: 3048, Block No.49 of Purasawalkkam Village, Purasawalkkam Taluk, Chennai District, Tamilnadu 2. The project proponent has submitted a letter dated 15.07.2019 received by SEIAA on 17.07.2019 stating that the plan is revised based on corrections made by CMDA that there is change in built up area from 40523.23 Sq.m to 43012.79 Sq.m and Dwelling units. 3. The project/activity is covered under Category 'B' of Item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details: 1. The revised form I, Form IA and Conceptual plan should be revised based on corrections made by CMDA that there is change in built up area from 40523.23</p>

State of the project						
S. No.	State	District	Tehsil	Village		
(1.)	Tamil Nadu	Tiruvallur	Ambattur			
14. Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
NIL						
Raw Material Requirement details						

S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
NIL								

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The Project Proponent M/s. Tamil Nadu Slum Clearance Board has applied for Environment Clearance to SEIAA-TN, for the proposed construction of 1200 slum tenants with a total built up area of 54525.70 Sq.m T.S.No. 1/1 & 3/1 (Old S.F.No: 618/G) of Kargil Nagar, Thiruvottiyur Village, Thiruvottiyur Taluk, Thiruvallur District, Tamil Nadu. The Salient features of the project are as follows: 1. The proposed project is construction of 1200 Slum Tenements in 10 blocks (S+10 Floors) with other facilities like integrated Child Development Services (4 Nos.), ration shops (2 Nos.), Convenient shops (4 Nos.), commercial shops (15 Nos.) and a high school. 2. The total plot area and built up area of 59376 sq.m and 54525.72 sq.m 3. A small part of the project site (Western Boundary) falls under CRZ II area as per C.R.Z Notification 2011. 4. A total area of 9180 sq.m (15.46%) is allotted for green belt development. 5. The water bodies surrounding the projects are Buckingham Canal located at 0.01km and Korattalaiyar River at 0.2 km were located from the project site. 6. The fresh water requirement will be 847 KLD to be sourced from CMWSSB. Out of 847 KLD, 558 KLD will be used for domestic purpose and 289 KLD will be used for toilet flushing. 7. The sewage generated from the project will be 791 KLD, out of 791KLD, 32 KLD sewage will be treated in the STP of capacity 35 KLD and the treated sewage of 32 KLD will be used for green belt development & remaining excess sewage of 759 KLD will be discharged into Thiruvottiyur Sewage Treatment Plant which is located at a distance of 1.5km south direction from the project site. 8. The bio degradable solid waste (1946 kg/day) will be treated in the organic waste convertor and used as manure. The non bio degradable solid waste (1297 kg/day) will be handed over to Authorized recyclers & STP Sludge (5 kg/day) will be used as manure for green belt. 9. Proposed to provide 23 number of rain water harvesting pits and 540m³(4x100 m³ and 1x140 m³) capacity storage sump will be provided. 10. The hazardous waste such as used oil of 0.1 TPA will be generated and the same shall be disposed to TNPCB authorized re-processor. The proposal was placed in the 118th SEAC Meeting held on 02.08.2018. Based on the presentation made by the proponent and the documents furnished, the SEAC noted the following critical Environmental issues related to the project: 1a) The project site lies just 0.01 km from the Buckingham canal and 0.2 km from the Korattalaiyar river. The project proponent should get inundation certificate from the PWD for the proposed site considering the 2015 flood. The proponent was directed to plan, design and execute the project in such a way that the housing project does not suffer due to floods. The proponent was directed to furnish the details along with PWD certification to ensure that the site will not be flooded in future, before the issue of EC. 1b) Also the proposed project falls under CRZ II area as per the CRZ notification 2011. Therefore the proponent has to get CRZ permission for the same and furnish the recommendation of the CRZ clearance to SEIAA-TN before issue of EC. 2. The project proponent has to provide WTP for the roof top water before use for any beneficial purpose. 3. The proponent was directed to discharge 759 KLD of sewage into the Thiruvottiyur Sewage treatment plant and the sewer pipe network available nearby should be furnished. 4. The proponent shall ensure that no treated/untreated sewage shall be discharged into the nearby Buckingham Canal and Korattalaiyar River either directly or indirectly. Similarly, no MSW should be disposed into the Buckingham Canal and Korattalaiyar River. 5. There should not be any adverse impact of the project on**

the nearby water body. 6. Towards green belt, the project proponent has allotted 9180 sq.m (15.46%) sq.m, which is adequate. The project proponent has to plant 745 numbers of indigenous species and the following species shall be planted. Pongamia glabra Pungan Thespesia populnea Poovarasu Ficus religiosa Arasu Azadirachta indica Vembu Terminalia arjuna Neermarudhu Calophyllum inophyllum Punnai Syzygium cumini Naval Madhuca longifolia Ilippai Mimusops elengi Magilam The proponent was directed to submit particular/ commitments in line with the above directions of the SEAC. In response, the proponent submitted additional proposals.

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC decided to recommend the proposal of the proposed construction of 1200 slum tenants with a total built up area of 54525.70 Sq.m T.S.No. 1/1 & 3/1 (Old S.F.No: 618/G) of Kargil Nagar, Thiruvottiyur Village, Thiruvottiyur Taluk, Thiruvallur District, Tamil Nadu to SEIAA-TN for the grant of Environmental Clearance subject to the fulfilment of the commitments made in the original proposals and the 6 conditions cited above. The above details were communicated to the project proponent and the same furnished by the proponent on 14.12.2018. The subject was placed in the 341st SEIAA meeting held on 21.03.2019. The Authority decided that since the SEAC has not appraised the project based on the inundation point of view obtained from PWD and CRZ clearances. Hence, Authority decided to refer back the proposal to SEAC for appraisal mainly for the following two points: 1. As per the CRZ clearances obtained for the project under CRZ Notification 2019 vide Proc.No.P1/160/2019 dated 08.03.2019 from Tamil Nadu state Coastal Zone management Authority 2. The NOC obtained from the PWD on Inundation point of view vide Lr.No.DB/T5 (3)/F-TNSCB Kargil Nagar/2018 / dated 14.11.2018 states that the TNSCB should allocate the ground floor exclusively for car parking amenities to avoid human casualties. The regular habitation should not be below (+) 6.600m and also should provide as stilt floor. The resident should reside only in the first floor. Based on the Authority decision to refer back the proposal to SEAC that the SEAC has not appraised the project based on the inundation point of view obtained from PWD and CRZ clearances was placed in the 131st SEAC Meeting held on 18.07.2019. The SEAC noted the following that: 1. As per the CRZ clearances obtained for the project under CRZ Notification 2019 vide Proc.No.P1/160/2019 dated 08.03.2019 from Tamil Nadu state Coastal Zone management Authority 2. The NOC obtained from the PWD on Inundation point of view vide Lr.No.DB/T5 (3)/F-TNSCB Kargil Nagar/2018 / dated 14.11.2018 states that the TNSCB should allocate the ground floor exclusively for car parking amenities to avoid human casualties. The regular habitation should not be below (+) 6.600m and also should provide as stilt floor. The resident should reside only in the first floor. Hence, SEAC decided that the project proponent may revise and submit the proposal to SEIAA based on the NOC obtained from the PWD on Inundation point of view vide Lr.No.DB/T5 (3)/F-TNSCB Kargil Nagar/2018 / dated 14.11.2018 states that the TNSCB should allocate the ground floor exclusively for car parking amenities to avoid human casualties. The regular habitation should not be below (+) 6.600m and also should provide as stilt floor. The resident should reside only in the first floor and CRZ clearances. After the submission of the revised proposal based on the PWD inundation and CRZ clearance to SEIAA, the SEAC would further deliberate on this project and decide the further course of action.

Conclusion

Recommended

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/IND2/36520/2019** File No- **6866**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/IND2/36520/2019** dated **22 May 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PAR ACTIVE TECHNOLOGIES PRIVATE LIMITED** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Kanchipuram	Chengalpattu

Town/Village : **Alathur**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/IND2/36520/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **(SIA/TN/IND2/36520/2019 Dated: 22.05.2019)** The proposal was placed in this **131st SEAC Meeting held on 17.07.2019**. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: **1. Total plot area of the project site is 17820 Sq.m (4.40 acres), where Plant area is 4970 Sq.m, Infrastructures is 3130 Sq.m, ETP&STP is 2820 Sq.m, Others (set back) is 4850 Sq.m**

and Greenbelt area of 2050 Sq. m . 2. The project site is located at 12°41'35.32"N and 80°11'23.46"E (Site Centre coordinates). 3. Currently plant is manufacturing 36 API products with capacity of 8.0515 Ton per month. After Change in product mix, 40 Products with same capacity and R& D products of 0.5 Ton per month will be manufactured. 4. The total requirement of water for existing unit is 117 kLD (Fresh water-63.0 KLD& Recycled water-54.0 KLD). After change in product mix, the total water requirement will be 224 KLD (Fresh water-150 KLD& Recycled water-74 KLD). Water requirement for the proposed project would be supplied by private tankers. 5. Existing domestic sewage of 10 KLD is being treated through STP (10KLD). The total sewage generation after proposed project will be 12 KLD, it will treat through STP (12 KLD). Treated water will be used for greenbelt maintenance. In existing plant, Trade effluent-1 (55 KLD) with low TDS is being treated through 100 KLD ETP followed by RO system and Trade effluent-2 (2.0 KLD) with high TDS is being sent to evaporator. The Permeate from RO of 41.0 KLD is being used for utilities inside the facility and reject sent to the evaporator for further Process. After proposed change in product mix, Trade effluent-1 increase to 75 KLD and Trade effluent-2 increase to 5 KLD. Both effluents will be treated through existing ETP with capacity of 100 KLD and evaporator with 30.0 KLD. 6. A total of 2500 KVA of power is required which is sourced from TANGEDCO, back-up power supply is through 1x 250 , 1x 750 & 1 x 1010 kVA DG set with a stack height of 30 m AGL(Above Ground Level). 7. Total estimated solid waste generation in the existing unit is 65.25 Kg/day in which Biodegradable waste is 39.15 Kg/day and it is disposed through Food caterer. After change in product mix, total generation will be 112.5 Kg/day in which Biodegradable waste will be 67.5 Kg/day (Disposed through Food caterer). After change in product mix, STP sludge will be 20 kg/day (Existing-10 & Addition-10Kg/day) and used as manure for landscaping purpose within project site and Non-Biodegradable waste of quantity 45 Kg/day (existing 26.1 & Additional-18.9 kg/day) would sent to authorized TSDF.

RECOMMENDATIONS OF EAC

The committee's recommendation The project proponent is requested to submit the (Sl.No. 1 to 10) details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 10) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site for the M/s. Par Active Technologies Private Limited Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 9 stated above, SEAC would further deliberate on this project and decide the further course of action.

Conclusion

Site Visit

Specific Condition	
S.No	Condition

(1)	The project proponent is requested to submit the (Sl.No. 1 to 10) details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 10) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site for the M/s. Par Active Technologies Private Limited Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 9 stated above, SEAC would further deliberate on this project and decide the further course of action.
-----	---

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- SIA/TN/MIN/30725/2019 File No- 6805	Type- TOR
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INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/30725/2019** dated **14 Jan 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **D MOHANRAJ** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Thoothukkudi	Srivaikuntam

Town/Village : **Padmanabamangalam**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/30725/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Thiru. D. Mohanraj proposed to operate Rough Stone and Gravel Quarry over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1, 762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District. It lies between 08°39'47"N to 08°40'05"N Latitude and 77°54'40"E to 77°54'52"E Longitude and falls in Survey of India Topo sheet No:58. H/14.**
- 2. The peak annual production rate from this lease will be 412440 m³ of Rough Stone and 124371 m³ of Gravel Formation. The entire M.L. area is Patta land jointly registered in the name of Anandha Mageshvaran and Anandha Ramakrishnan vide patta No 1371 and 1378. Proponent has obtained consent from the Land owners.**
- 3. Mining plan has been prepared based on the decision conveyed by Court order (MD) No 216 of 2014, Dated 14.07.2014 to produce Environmental Clearance from competent Authority and Department of Geology and mining vide their letter GM.1/129/2012 dated: 04.09.2014 have approved the Mining Plan over an extent of 12.56.5 Ha. in S.F.No. 760/1, 760/2, 762/1, 762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District.**
- 4. As the Vallanadu Black Buck Sanctuary, lies 1.6 km NW from the lease area, clearance under Wild life protection Act 1972, NBWL clearance was applied under proposal number FP/TN/QRY/380/2015 and is currently pending at SBWL.**
- 5. All though the lease area is less than 100 Ha. ,due to the presence of declared Vallanadu Black Buck Sanctuary in Thoothukudi District within 5 kms radius (i.e 1.6km) from the site and the lease area is more than 5 Ha. (i.e 12.56.5 Ha), this project was treated as Schedule category initially necessitating clearance from MOEF.**
- 6. Hence, Form 1, ToR and feasibility report were submitted to MoEF&CC, New Delhi, for prescribing ToR for preparation of EIA/EMP report. ToR for this project was issued by MoEF&CC by their letter No. J-11015/70/2015-IA.II (M) dated 17th April 2015. Draft EIA/EMP was prepared according based on ToR obtained from MOEF&CC to get Environmental Clearance, and submitted to the district environmental engineer, Thoothukudi district on December 2015. Ever since, it is in the stage of awaiting public hearing.**
- 7. The ToR was valid only upto 16th April 2018. Hence, Thiru Mohanraj wrote to MoEF&CC on 27.03.2018, requesting an extension for 1 year (16th April 2019) due to the expiration of ToR as a reason of the delay in public hearing.**
- 8. The file was transferred by MoEF&CC to SEIAA-TN after being classified under category B-1 as general condition will not be applicable for this project. Now, due to the expiration of existing ToR validity on 16th April 2018, it is proposed to obtain fresh ToR towards obtaining environmental clearance from SEIAA-TN.**
- 9. The project site is approachable from**

Ellainayakkanpatti to Padmanabamangalam road. The nearest railway station is Srivaikundam Railway Station which is about 4.6 km on the southern side of the area. The lease applied area exhibits almost plain and flat topography with gentle slope towards North 45 m MSL, the area has been quarrying operation earlier. 10. There are no habitations within 500m radius and nearest major town is Srivaikundam of about 4.0 km. Tamirabarani River is located about 3.1 km. The lease area does not include any forest lands. No ecologically sensitive features like national parks, biospheres, sanctuaries, elephant corridors, Tiger reserves, flight paths of migrating fauna, etc occur in core areas of the project. The area does not come under CRZ category. 11. Conventional Opencast Semi- Mechanized Method involving jack hammer drilling, blasting, excavation, loading and transportation of Rough stone to the crushing units will be adopted. 12. The available mineable reserves have been computed as 20,18,520 m³ of rough stone and 2,73,738 m³ of Weathered Gravelly formation up to a maximum depth of 28m below the ground level. Depth of mining will be 28 m bgl. Life of the quarry presently will be 5 years of lease period. 13. The only source of waste generation from the proposed project activities will be Gravel and this gravel will be directly loaded to tippers and disposed to customers for filling of low lying areas and other purpose. The Rubble from the quarry is dispatched directly to the consumers like external crusher units, construction of roads, bridges, buildings etc in nearby areas and elsewhere. As such there will not any waste dumping. 14. The total water requirement will be about 8.5 KLD comprising Domestic “ 1.0 KLD, Water Sprinkling / Dust suppression “ 5.0 KLD and Green belt “ 2.5 KLD. Industrial water requirement like dust suppression, green belt will be met from mine sump/procured locally and Drinking water requirement will be met

RECOMMENDATIONS OF EAC

The committee's recommendation Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR: 1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Vallanadu Black Buck Sanctuary lies 1.6 km NW from the lease area. Hence, NBWL clearance has to be applied and obtained. In this regards, necessary document should be submitted for the submission of the application of the NBWL clearance. 3. Details of village map, a register and FMB sketch shall be furnished. 4. The proposal for green belt activities shall be furnished. 5. It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. 6. The Socio economic studies should be carried out within 10km buffer zone from the mines. 7. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 8. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 9. A detailed report on

the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 10. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 11. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 12. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 13. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 14. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 15. The EIA study report shall include the surrounding mining activity, if any. 16. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 17. A study on the geological resources available shall be carried out and reported. 18. A specific study on agriculture & livelihood shall be carried out and reported. 19. Impact on ponds, rivers and other water bodies to be elaborated. 20. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Vallanadu Black Buck Sanctuary lies 1.6 km NW from the lease area. Hence, NBWL clearance has to be applied and obtained. In this regards, necessary document should be submitted for the submission of the application of the NBWL clearance. 3. Details of village map, a register and FMB sketch shall be furnished. 4. The proposal for green belt activities shall be furnished. 5. It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. 6. The Socio economic studies should be carried out within 10km buffer zone from the mines. 7. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. 8. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 9. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 10. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 11. Obtain a letter /certificate from the Assistant Director of Geology and

Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 12. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 13. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 14. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 15. The EIA study report shall include the surrounding mining activity, if any. 16. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 17. A study on the geological resources available shall be carried out and reported. 18. A specific study on agriculture & livelihood shall be carried out and reported. 19. Impact on ponds, rivers and other water bodies to be elaborated. 20. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 21. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/33744/2019** File No- **6767**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/33744/2019** dated **27 Mar 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central

level.

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruchirappalli	Lalgudi

Town/Village : **Lalgudi** ≈ 9.70 km (SW)

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/33744/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. Government order/Lease details : The District Collector, Tiruchirappalli directed the Proponent (Mr.K.Raja), through his reference letter Roc No.: 704/2018-Mines Dated 23.10.2018 to get approved Mining Plan and Environment Clearance for Gravel quarry located in S.F.No: 617/1B and 617/2, Patta land, over an area of 1.81.5hectares, Punjaisankenthi Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu.**

RECOMMENDATIONS OF EAC

The committee's recommendation **2. Mining Plan/Scheme of Mining approval details: The Mining Plan was approved by Assistant Director, Tiruchirappalli vide Rc. 704/2018/Mines, Dated 31.01.2019 for a period of 3 years. The following are the production and developmental works to be carried out for 3 years as given in the table below, Year Over Burden (m3) ROM ore / mineral (m3) Saleable ore / mineral (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 3 Years Nil 19,584 19,584 0.00 0.00 1: 0**

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. Government order/Lease details : The District Collector, Tiruchirappalli directed the Proponent (Mr.K.Raja), through his reference letter Roc No.:

704/2018-Mines Dated 23.10.2018 to get approved Mining Plan and Environment Clearance for Gravel quarry located in S.F.No: 617/1B and 617/2, Patta land, over an area of 1.81.5hectares, Punjaisankenthi Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu. 2. Mining Plan/Scheme of Mining approval details: The Mining Plan was approved by Assistant Director, Tiruchirappalli vide Rc. 704/2018/Mines, Dated 31.01.2019 for a period of 3 years. The following are the production and developmental works to be carried out for 3 years as given in the table below, Year Over Burden (m3) ROM ore / mineral (m3) Saleable ore / mineral (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 3 Years Nil 19,584 19,584 0.00 0.00 1: 0 Total production for 3 years is 19,584m3 to a depth of 2m from the surface 3. As per the Approved Mining Plan Production shall not exceed 19,584m3 (3 years). 4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area. 5. Gravel quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m3 bucket capacity and tipper /Tractor combination. 6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
-- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/33832/2019** File No- **6765**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/33832/2019** dated **28 Mar 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **J ARAVINDAN** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Sivaganga	Sivaganga

Town/Village : **Kallurani,**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/33832/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **Proposed Savudu quarry for over an Extent of 2.02.5 hectares of Patta lands in S.F.No. 280/1 of Kallurani Village, Sivagangai Taluk, Sivagangai District, Tamil Nadu by Thiru. J. Aravindan** for Environment Clearance. (SIA/TN/MIN/33832/2019) The proposal was placed in this 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/Lease details : The District Collector, Sivagangai vide letter Roc No.: M2/17/2018 Dated 06.12.2018 directed the proponent (J.Aravindan) to get approved Mining Plan and Environment Clearance for removal of Earth (Savudu) from Kallurani Patta land over an Extent of 2.02.5 Hectares, S.F.No. 280/1, Kallurani Village, Sivagangai Taluk and District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details: The mining plan was approved by Assistant Director, Geology and Mining, Sivagangai Vide Roc. No.M2/17/2018, dated 15.02.2019 for a period of 11 months. The following are the production and developmental works to be carried out for 11 months as given in the table below, Year Over Burden (m3) ROM ore / mineral (m3) Saleable ore / mineral (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 11 Months Nil 14929 14929 0.00 0.00 1: 0 Total production for 11 months 14,929 m3 to a depth of 1.0m As per the Approved Mining Plan Production shall not exceed 14,929m3 (11 months)

3. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.

4. Gravel quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m3 bucket capacity and tipper /Tractor combination.

5. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.

6. Letter obtained from the Assistant Director, Department of Geology and Mining, Sivagangai vide Letter Rc. No. M2/17/2018, dated 03.07.2019, about the details of quarries (Proposed / Existing / Abandoned

Quarries) within a radius 500m from the boundary of the proposed quarry site as follows. S.No. Name of the quarry Owner Village S.F.No Extent (Ha) a. Existing Quarries 1. Nil b. Abandoned quarries 1. Nil c. Proposed quarries 1. Rajasekaran, S/o.Punniyamoorthi, Aathanur(P) Thiruvarur District. Kallurani Village, Sivagangai Taluk 287/4A, 4B, 5 & 6 1.39.0 Total Extent 1.39.0

RECOMMENDATIONS OF EAC

The committee's recommendation Vaiyapurtendai kanmai is located within 300m radius of the proposed site. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area within the approved the mining area and below depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. The transportation of the mined out product should not disturb the tank bund structures and channel course. 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. Rainwater shall be pumped out Via Settling Tank only. 6. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds. 7. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 9. Prior clearance from Forestry & Wild Life angle including clearance from the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park or Sanctuaries. 10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 11. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principle Bench, New Delhi O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/ 2016 (M.A.No.1182 /2016) and O.A.No.102/2017 and O.A.No.404/ 2016 (M.A.No. 758/2016, M.A. No. 920 /2016, M.A.No.1122/2016, M.A.No. 12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017), 12. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 13. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 14. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 15. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 16. CER activities should be carried as per Office Memorandum of

MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB.

Conclusion

Recommended

Specific Condition

S.No	Condition
(1)	<p>S.No. Name of the quarry Owner Village S.F.No Extent (Ha) a. Existing Quarries 1. Nil b. Abandoned quarries 1. Nil c. Proposed quarries 1. Rajasekaran, S/o.Punniyamoorthi, Aathanur(P) Thiruvarur District. Kallurani Village, Sivagangai Taluk 287/4A, 4B, 5 & 6 1.39.0 Total Extent 1.39.0 Vaiyapurtendai kanmai is located within 300m radius of the proposed site. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area within the approved the mining area and below depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. The transportation of the mined out product should not disturb the tank bund structures and channel course. 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. Rainwater shall be pumped out Via Settling Tank only. 6. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds. 7. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 9. Prior clearance from Forestry & Wild Life angle including clearance from the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park or Sanctuaries. 10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 11. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principle Bench, New Delhi O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/ 2016 (M.A.No.1182 /2016) and O.A.No.102/2017 and O.A.No.404/ 2016 (M.A.No. 758/2016, M.A. No. 920 /2016, M.A.No.1122/2016, M.A.No. 12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017), 12. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 13. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the</p>

	<p>entire period of mining operation. 14. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 15. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 16. CER activities should be carried as per Office Memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB.</p>
(2)	<p>S.No. Name of the quarry Owner Village S.F.No Extent (Ha) a. Existing Quarries 1. Nil b. Abandoned quarries 1. Nil c. Proposed quarries 1. Rajasekaran, S/o.Punniyamoorthi, Aathanur(P) Thiruvavur District. Kallurani Village, Sivagangai Taluk 287/4A, 4B, 5 & 6 1.39.0 Total Extent 1.39.0 Vaiyapurtendai kanmai is located within 300m radius of the proposed site. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area within the approved the mining area and below depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. The transportation of the mined out product should not disturb the tank bund structures and channel course. 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. Rainwater shall be pumped out Via Settling Tank only. 6. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds. 7. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 9. Prior clearance from Forestry & Wild Life angle including clearance from the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park or Sanctuaries. 10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 11. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principle Bench, New Delhi O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/ 2016 (M.A.No.1182 /2016) and O.A.No.102/2017 and O.A.No.404/ 2016 (M.A.No. 758/2016, M.A. No. 920 /2016, M.A.No.1122/2016, M.A.No. 12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017), 12. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 13. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 14. The mine closure plan submitted by</p>

the project proponent shall be strictly followed after the mine activity is lapsed as reported. 15. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 16. CER activities should be carried as per Office Memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Committee in its -----
--- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/34323/2019** File No- **6779**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/34323/2019** dated **06 Apr 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	
NIL				

Town/Village : **Hosahalli Village**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/34323/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

1. Government order/Lease details : The District collector, Krishnagiri has directed the Proponent (Thiru C. Muni Reddy) vide his proceedings Roc.No.990/2012/Mines dated 09.11.2018 to get approved Mining Plan and Environment Clearance for Rough Stone quarry located in S.F.No: 63 (Part), Patta land, over an area of 4.04.8 Ha, Hosahalli Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details: The Mining Plan was approved by Assistant Director, DGM, Krishnagiri vide Roc.No. 990/2012/Mines dated 10.04.2019 for a period of 5 years. The following are the production and developmental works to be carried out for 5 years as given in the table below,

Year	Topsoil (m3)	Rom (m3)	Production/ Recovery @ 95% (m3)	Sub Grade ore / Weathered rock Mineral Rejects @ 5% (m3)	Ore to over burden ratio
First	32067	131136	124579	31396	6557
1	0.56	Second	---	144060	136857
---	7203	1	0.05	Third	---
---	143868	136675	---	7193	1
0.05	Fourth	---	147252	139889	---
---	7363	1	0.05	Fifth	---
---	152244	144632	---	7612	1
0.05	TOTAL	32067	718560	682632	31396
35928	1	0.14	3. As per the Approved Mining Plan for a period of 5 years, the total quantity of recoverable rough stone as proposed should not exceed 6,82,632 m3.	1st Year	â€“ 1,24, 579 m3
2nd Year	â€“ 1,36, 857 m3	3rd Year	â€“ 1,36,675 m3	4th Year	â€“ 1,39,889 m3
5th Year	â€“ 1,44,632 m3	4. The waste that will be resulting for the next 5 years will be Rough stone rejects of 35,928m3 (5% Rejects).	5. Mining operation will be by opencast semi mechanized method with (Jackhammer) drilling and blasting and for loading and transport by Hydraulic excavator and tipper combination.	6. Rough stone is to be transported by 2 tippers of 10 MT capacities.	7. Letter obtained from the Deputy Director, Department of Geology and Mining, Krishnagiri vide Letter RoC. No. 990/2012/Mines dated 10.04.2019 that the details of other quarries situated within 500 m radial distance from the said quarry are Nil. The SEAC noted the following:
1. The Proponent, Thiru.C. Muni Reddy has applied for Environmental Clearance to SEIAA-TN for the Proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of Gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu.	2. The project/activity is covered under Category â€œBâ€ of Item 1(a) â€œMining of Mineral Projectsâ€ of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. The SEAC decided seek following details from the project proponent				

RECOMMENDATIONS OF EAC

The committee's recommendation **1. Details of village map, a register and FMB sketch shall be furnished. 2. The proposal for green belt activities shall be furnished. 3. A detailed study of the lithology of the mining lease area shall be**

furnished. 4. The copy of the land ownership documents for the Proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of Gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu shall be furnished. 5. The Copy of the Mining plan approval letter obtained from Deputy Director, Geology of mines shall be furnished. 6. The Copy of the RDO, Hosur letter dated 14.09.2018, The Executive Engineer, PWD & the District Forest Officer, Hosur letter dated 10.08.2018 as specified in the precise area communication letter issued by the District Collector, Krishnagiri shall be furnished. 7. CER activities should be carried as per Office Memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB. On receipt of the above details, the further course of action may be taken by the SEAC.

Conclusion

Deferred

Specific Condition	
S.No	Condition
(1)	1. Details of village map, a register and FMB sketch shall be furnished. 2. The proposal for green belt activities shall be furnished. 3. A detailed study of the lithology of the mining lease area shall be furnished. 4. The copy of the land ownership documents for the Proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of Gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu shall be furnished. 5. The Copy of the Mining plan approval letter obtained from Deputy Director, Geology of mines shall be furnished. 6. The Copy of the RDO, Hosur letter dated 14.09.2018, The Executive Engineer, PWD & the District Forest Officer, Hosur letter dated 10.08.2018 as specified in the precise area communication letter issued by the District Collector, Krishnagiri shall be furnished. 7. CER activities should be carried as per Office Memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB. On receipt of the above details, the further course of action may be taken by the SEAC.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
 ---- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/35037/2019** dated **20 Apr 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PROJECT PROPONENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Namakkal	Namakkal

Town/Village : **Parali Village, MohanurTaluk, Namakkal District.**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/35037/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. The Proponent, Thiru.P. Manihas applied for Environmental Clearance to SEIAA-TN for the Proposed Rough Stone quarry from over an Extent of 2.52.0Ha in S.F.No. 331 (Bit-II) at Parali Village of MohanurTaluk, Namakkal District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report shall be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the**

quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 3 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

RECOMMENDATIONS OF EAC

The committee's recommendation 1. The Proponent, Thiru.P. Manihas applied for Environmental Clearance to SEIAA-TN for the Proposed Rough Stone quarry from over an Extent of 2.52.0Ha in S.F.No. 331 (Bit-II) at Parali Village of MohanurTaluk, Namakkal District, Tamil Nadu. 2. The project/activity is covered under Category â€œB2â€ of Item 1(a) â€œMining of Mineral Projectsâ€ of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report shall be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing

Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 3 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

Conclusion

Deferred

Specific Condition

S.No	Condition
(1)	1. The Proponent, Thiru.P. Manihas applied for Environmental Clearance to SEIAA-TN for the Proposed Rough Stone quarry from over an Extent of 2.52.0Ha in S.F.No. 331 (Bit-II) at Parali Village of MohanurTaluk, Namakkal District, Tamil Nadu. 2. The project/activity is covered under Category â€œB2â€• of Item 1(a) â€œMining of Mineral Projectsâ€• of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report shall be submitted to TNPCB. 2. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the

water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with PWD for an amount of Rs. 3 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/35442/2019** dated **29 Apr 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PROJECT PROPONENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruppur	Kangeyam

Town/Village : **Pachapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu State**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/35442/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 129th SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Tvl. KCP Engineering Private Ltd., Chennai, Precise Area Communication letter was issued by the District Collector, Tiruppur District vide Rc.No. 831/Mines/2018 Dated: 21.08.2018 for a period of Five years. It is a Fresh lease for Rough stone and Gravel over an extent of 1.80.0ha in S.F.Nos. 1272/2 of Pachapalayam Village, Kangayam Taluk and Tiruppur District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruppur District vide Rc. No.831/Mines/2018 Dated: 12.09.2018. 3. As per the Department of Geology and Mining, Tiruppur District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,49,520m³ and**

Gravel should not exceed 19,136m³ upto a depth of 42m (2m Gravel and 40m Rough stone) below ground level. For First year - Rough stone ≈ 30,220 m³ & Gravel ≈ 8,832 m³ For Second year - Rough stone ≈ 30,780 m³ & Gravel ≈ 6,992 m³ For Third year - Rough stone ≈ 30,420 m³ & Gravel ≈ 3,312 m³ For Fourth year - Rough stone ≈ 28,940 m³ For Fifth year - Rough stone ≈ 29,160 m³

4. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 5. Rough stone and Gravel are to be transported by Dumper of 1 No. (20 T Capacity). 6. The Water table is found to be at the depth of 50m in summer and 45m in rainy season. 7. The project proponent has submitted Mining plan approval from Deputy Director, Geology and Mining, Tiruppur vide Letter R.C. 831/Mines/2018 dated 12.09.2019 as stated that "There are no minor minerals quarries situated within a radial distance of 500 meters from the applied fields". The SEAC noted the following: 1. The Proponent, Tvl. KCP Engineering Private Ltd has applied for EC to SEIAA-TN on 29.04.2019 for the Proposed Rough stone and Gravel over an extent of 1.80.0ha in S.F.Nos. 1272/2 of Pachapalayam Village, Kangayam Taluk and Tiruppur District, Tamil Nadu. 2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minor Mineral Projects" of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details: 1. Detail mining closure plan for the proposed project shall be submitted. 2. The hydro geological study shall be conducted on the report shall be furnished. 3. The proposal for CER as per the Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished. 4. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining shall be submitted. 5. Conduct Hydro geological study and furnish the report along with EIA. 6. Contour map for the 1 Km radius surrounding the site, village map, FMB & A Register may be furnished. The project proponent has submitted the above details to SEIAA on 04.07.2019. The proposal along with the detail submitted by the project proponent was placed in the 131st SEAC meeting held on 17.07.2019. After perusal of the detail submitted by the project proponent, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to normal condition in addition to following conditions:

RECOMMENDATIONS OF EAC

The committee's recommendation 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village

people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. It was reported that a depth of 42m (2m Gravel and 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. All the commitment made by the project proponent in the proposal shall be strictly followed. 12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. 13. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with EMAT for an amount of Rs. 0.86 Lakhs (2 % of the project cost) as per Office Memorandum of MoEF & CC dated 01.05.2018. The above said amount shall be paid through EMAT DD favouring â€™Environmental Management Authority of Tamil Naduâ€™ before applying for CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4.

Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. It was reported that a depth of 42m (2m Gravel and 40m Rough stone) below ground level is proposed in the approved Mining Plan. If any chances the depth of the quarry intersects with the water table the mining operation should be stopped. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. All the commitment made by the project proponent in the proposal shall be strictly followed. 12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. 13. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with EMAT for an amount of Rs. 0.86 Lakhs (2 % of the project cost) as per Office Memorandum of MoEF & CC dated 01.05.2018. The above said amount shall be paid through EMAT DD favouring "Environmental Management Authority of Tamil Nadu" before applying for CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
----- th meeting held during ----- to ----- . After detailed
deliberation the committee recommended for grant of Environment Clearance
subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered
the application based on the recommendations of the Expert Appraisal

Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/35471/2019** File No- **6797**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/35471/2019** dated **29 Apr 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PROJECT PROPONENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Coimbatore	Coimbatore South

Town/Village : **Karunsamy Goundanpalayam Village, Madukkarai Taluk, Coimbatore District.**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/35471/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 129th SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. P. Sureshkumar, Coimbatore District, Precise Area Communication letter was issued by the District Collector, Coimbatore District vide Rc.No.459/Mines/2018, Dated: 22.01.2019 for a period of Five years. It is a Fresh lease for Rough stone and Gravel over an extent of 4.85.62ha comprising S.F.Nos.80/2A (P) & 81/1 (P) of Karunsamy Goundanpalayam village,**

Madukkarai Taluk and Coimbatore District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Joint Director / Assistant Director (i/c), Department of Geology and Mining, Coimbatore District vide Rc.No.459/Mines/2018, dated 05.03.2019. 3. As per the Department of Geology and Mining, Coimbatore District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 7,39,998m³ and Gravel should not exceed 99,750m³ upto a depth of 44m (3m Gravel and Rough stone 11m above the ground level + 30m Below the ground level). For First year - Rough stone “ 1,47,098 m³ & Gravel “ 39,900m³ For Second year - Rough stone “ 1,50,300 m³ & Gravel “ 24,675m³ For Third year - Rough stone “ 1,60,800 m³ & Gravel “ 35,175m³ For Fourth year - Rough stone “ 1,42,000 m³ For Fifth year - Rough stone “ 1,39,800m³ 4. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes). 5. Rough stone and Gravel are to be transported by Tippers of 8 Nos. (10 T Capacity). 6. The Water table is found to be at the depth of 55m in summer and 50m in rainy season. The SEAC noted the following: 1. The Proponent, Thiru. P. Sureshkumar has applied for Terms of Reference to SEIAA-TN on 29.04.2019 for the Proposed Rough stone and Gravel over an extent of 4.85.62ha comprising S.F.Nos.80/2A (P) & 81/1 (P) of Karunsamy Goundanpalayam village, Madukkarai Taluk and Coimbatore District, Tamil Nadu. 2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minor Mineral Projects” of the Schedule to the EIA Notification, 2006. 3. The project proponent has submitted the letter from the joint Director/ Assistant Director (i/c), Dept of Geology and mining, Coimbatore has informed that the details of other quarries situated within a 500 meters radial distance from the proposed quarry is furnished below: Existing quarry lease a) Thiru Vazaitothathu Gounder S.F.No.80/2B,81/2 to an extent of 3.18.0 Ha b) Thiru.K.Ramasamy S.F.No.94,95/1A2,95/1B2 to an extent of 1.40.5 Ha and other 3 lease expired quarry are located. Total land extend comes around 9.44.12 Ha, which is more than 5 Ha. Hence, the project proponent has applied for Terms of Reference. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details: 1. Detail mining closure plan for the proposed project shall be submitted. 2. The hydro geological study shall be conducted on the report shall be furnished. 3. The proposal for CER as per the Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished. 4. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining shall be submitted. 5. Conduct Hydro geological study and furnish the report along with EIA. 6. Contour map for the 1 Km radius surrounding the site, village map, FMB & A Register may be furnished.

RECOMMENDATIONS OF EAC

The committee's recommendation 1. The proponent proposes to adopt blasting in the mining operation. In view of close proximity to the habitation and agricultural lands, the proponent shall carry out controlled blasting operation in the mine. Here the proponent shall undertake a scientific study involving reputed institutions such as Anna University, IIT, NIT, ISEE etc., to design the controlled blasting technique to reduce the vibration and eliminate the fly rock production from the mine. 2. A detail study of the lithology of the mining lease area shall be furnished. 3. Details of village map, a register and FMB sketch shall be furnished. 4. The proposal for green belt activities shall be furnished. 5. The Socio economic studies should be carried out within 10km buffer zone from the mines. 6. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 7. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 8. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 9. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 10. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 11. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 12. EIA report should strictly follow the EIA mining manual. 13. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 14. The EIA study report shall include the surrounding mining activity, if any. 15. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 16. A study on the geological resources available shall be carried out and reported. 17. A specific study on agriculture & livelihood shall be carried out and reported. 18. Impact on ponds, rivers and other water bodies to be elaborated. 19. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 20. Kumittipathi River is passing from the south side of the lease applied area. Hence, the project proponent has to leave a buffer zone of at least 100 m from the lease applied area to Kumittipathi River in such a way the mining plan shall be revised and submitted at the time of EIA. 21. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016

(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition

S.No	Condition
(1)	<p>1. The proponent proposes to adopt blasting in the mining operation. In view of close proximity to the habitation and agricultural lands, the proponent shall carry out controlled blasting operation in the mine. Here the proponent shall undertake a scientific study involving reputed institutions such as Anna University, IIT, NIT, ISEE etc., to design the controlled blasting technique to reduce the vibration and eliminate the fly rock production from the mine. 2. A detail study of the lithology of the mining lease area shall be furnished. 3. Details of village map, a register and FMB sketch shall be furnished. 4. The proposal for green belt activities shall be furnished. 5. The Socio economic studies should be carried out within 10km buffer zone from the mines. 6. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 7. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 8. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 9. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 10. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 11. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 12. EIA report should strictly follow the EIA mining manual. 13. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 14. The EIA study report shall include the surrounding mining activity, if any. 15. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 16. A study on the geological resources available shall be carried out and reported. 17. A specific study on agriculture & livelihood shall be carried out and reported. 18. Impact on ponds, rivers and other water bodies to be elaborated. 19. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 20. Kumittipathi River is passing from the south side of the lease applied area. Hence, the project proponent has to leave a buffer zone of at least 100 m from the lease applied area to Kumittipathi River in such a way</p>

the mining plan shall be revised and submitted at the time of EIA. 21. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/39203/2019** File No- **6642**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/39203/2019** dated **13 Jul 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PROJECT PROPONENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Virudhunagar	Sattur

Town/Village : Karisalpatti Village, Sattur Taluk, Virudhunagar District

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/39203/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 131st SEAC Meeting held on 18.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Government order/ Lease details:** The Quarry lease was applied in the name of Tvl. S. J. Natural Minerals, Virudhunagar, Precise Area Communication was issued by the Additional Chief Secretary to Government, Industries Department, Chennai, vide Lr. No. 5358/MMB.2/2018-1, dated 14.05.2018 for a period of 20 years. It is a Fresh lease for quarrying of Multi-Colour Granite over an Extent of 7.56.5Ha in S.F.No. 113/1A, 113/2A, 113/2B, 113/3A, 113/3B, 113/4B, 113/5B, 121/1A and 121/2A at Karisalpatti Village of Sattur Taluk, Virudhunagar District.
- 2. Mining Plan/Scheme of Mining approval details:** The Mining plan was prepared for the period of 5 years. The Mining Plan was approved from the Director of Geology and Mining, Guindy, Chennai vide letter Rc. No. 9368/MM2/2017, dated 09.07.2018.
- 3. The production schedule for first five years states that the total quantity of Granite 30% recovery should not exceed 37,125m³. For First Year - 7425m³ For Second year - 7425m³ For Third year - 7425 m³ For Fourth year - 7425 m³ For Fifth year - 7425 m³**
- 4. The total waste is about 1,01,575m³ (70% of Granite Waste 86,625m³ and Side Burden (SB) 14,950m³). The total Waste will be proposed to temporarily dump on the South-western side with dimension of 108m x 58m x 16.21m (H).**
- 5. Quarrying Operation will be done by Opencast Semi Mechanised method with Diamond Wire Saw cutting, Jack hammer, etc.,**
- 6. Granite is to be transported by tippers of 2 Nos. (20 T capacity).**
- 7. The Water table is found to be at the depth of 53m from general ground profile.**
- 8. The Total Manpower requirement is 41 Nos.**
- 9. Total Cost of the project is Rs. 3,41,00,000/- and EMP Cost about Rs. 2,75,000/-**
- 10. Lease applied area is not covered under HACA region.**
- 11. No Coastal Regulation Zone (CRZ) within the radius of 10km.**
- 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km**
- 13. No National Park & Wild Life Sanctuary within the radius of 10km.**
- 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km**
- 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- 16. No habitation within the radius of 300m from the lease area.**
- 17. Letter obtained from the Deputy Director (i/c), Department of Geology and Mining,**

Virudhunagar vide Letter Roc. No. KV1/585/2017, dated 13.07.2018, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows. S.No. Name of the quarry Owner Village S.F.No Extent (Ha) k. Existing Quarries 4. Nil l. Abandoned / Expired quarries 4. Nil m. Proposed quarries 5. Tvl. S. J. Natural Minerals Karisalpatti 113/1A, 2A, 2B, 3A, 3B, 4B, 113/5B, 121/1A & 121/2A 7.56.5 Total Extent 7.56.5

RECOMMENDATIONS OF EAC

The committee's recommendation 1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017)

and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition

S.No	Condition
(1)	<p>1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and</p>

O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/NCP/35669/2019** File No- **6853**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/NCP/35669/2019** dated **03 May 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M/S. DANUB HOMES LLP & M/S. CASA GRANDE MILESTONE PVT LTD** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Kanchipuram	Tambaram

Town/Village : **PERUMBAKKAM**

The salient features of the project submitted by the project proponent

is available at [Report](#) under online proposal no. SIA/TN/NCP/35669/2019

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. Proposed construction of residential development project by M/s. Danub Homes LLP & M/s. Casa grande Milestone Private limited at S.F.No. 470, 471, 472 & 1, 2 & 476 1B Perumbakkam Village, Tambaram Taluk, Kanchipuram District, Tamil Nadu for Terms of Reference. (SIA/TN/NCP/35699/2019)** The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows: 1. Plot area is 60581.50 Sq.m in which the area gifted for Road is about 6967.21 m², so the Net plot area for development is 53614.29 m². Area for roads and pavement is 8241.79 m² with 8042.14 m² of greenbelt area (15 % of net land area for development) and 5361.42 m² of OSR area (10% of net land area for development). 2. The proposal submitted for the proposed construction of the building with Basement + Stilt + 16 floors with total built up area of 252891.17m². The project is located at 12°53'37.81"N Latitude, 80°12'26.60"E Longitude. This proposal comprises of 1693 dwelling units with population of about 9311 Nos. 3. 12500 KVA of power is required which is sourced from TNEB grid. Back-up power supply is through 18 nos. of 125 KVA DG, 3 nos. of 100 KVA, 1 nos. of 250 KVA and 2 nos. of 500 KVA with DG Heights of 60 m, 72.5 m, 75 m and 100 m respectively has been proposed. 4. Total waste estimated to be generated is 4401 kg/day in which 2.6 tons/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 93.6 kg/day STP sludge and then used as manure for landscaping purpose within project site and 1.8 tons/day is Non Biodegradable waste will be sold to recyclers. 5. Perumbakkam lake lies in 2.05km in north west direction, Arasankazhani lake lies in 1.87km in SW direction, Nesavalarnagar lake lies in 2.25km in NW direction and Buckingham Canal lies at 3.47 km in East direction. 6. Project cost is 511.50 crores

RECOMMENDATIONS OF EAC

The committee's recommendation **1.1. The Proponent, M/s. Danub Homes LLP & M/s. Casagrande Milestone Private limited have applied for Terms of Reference to SEIAA on 06.06.2019 for the proposed construction of Residential Development at S.F.No. 470, 471, 472 & 1, 2 & 476 1B Perumbakkam Village, Tambaram Taluk, Kanchipuram District, Tamil Nadu.** 2. The project/activity is covered under Category B of Item 8(b) of the Schedule to the EIA Notification, 2006. The SEAC decided to recommend the proposal for grant of Terms of References (ToR) (Annexure-II) to SEIAA. The proponent should furnish the following details/particulars in respect of the following additional

ToR in the EIA report, in addition to the standard ToR: 1. The project proponent shall furnish the DGPS co-ordinates for the boundaries of the proposed project site. 2. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data. 3. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 4. Detailed Solar energy utilization plan shall be furnished. 5. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area. 6. Ground water and surface water quality study shall be a part of EIA. 7. Flood Inundation and required management plans shall be obtained from the PWD for the project site. 8. The project proponent shall conduct the Hydro geological study as a part of EIA. 9. The proponent shall furnish the permission/ NOC of water supply from the competent Authority. 10. The project proponent has applied the proposal for Terms of Reference in the name of M/s. Danub Homes LLP & M/s. Casa grande Milestone Private limited. The SEAC decided that Terms of Reference shall be issued in one of the above two names. Hence, according the proponent is requested to submit the form I and Form IA in any one name and furnish the power of attorney for the same. 11. Necessary permission for the disposal of treated sewage partly into OSR land and CMWSSB from the competent Authority.

Conclusion

Recommended

Specific Condition

S.No	Condition
(1)	<p>1. The Proponent, M/s. Danub Homes LLP & M/s. Casagrande Milestone Private limited have applied for Terms of Reference to SEIAA on 06.06.2019 for the proposed construction of Residential Development at S.F.No. 470, 471, 472 & 1, 2 & 476 & 1B Perumbakkam Village, Tambaram Taluk, Kanchipuram District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 8(b) 'Township and area development projects' of the Schedule to the EIA Notification, 2006. The SEAC decided to recommend the proposal for grant of Terms of References (ToR) (Annexure-II) to SEIAA. The proponent should furnish the following details/particulars in respect of the following additional ToR in the EIA report, in addition to the standard ToR: 1. The project proponent shall furnish the DGPS co-ordinates for the boundaries of the proposed project site. 2. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data. 3. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 4. Detailed Solar energy utilization plan shall be furnished. 5. The rainwater harvesting plan shall be furnished considering the project</p>

site and the surrounding area. 6. Ground water and surface water quality study shall be a part of EIA. 7. Flood Inundation and required management plans shall be obtained from the PWD for the project site. 8. The project proponent shall conduct the Hydro geological study as a part of EIA. 9. The proponent shall furnish the permission/ NOC of water supply from the competent Authority. 10. The project proponent has applied the proposal for Terms of Reference in the name of M/s. Danub Homes LLP & M/s. Casa grande Milestone Private limited. The SEAC decided that Terms of Reference shall be issued in one of the above two names. Hence, according the proponent is requested to submit the form I and Form IA in any one name and furnish the power of attorney for the same. 11. Necessary permission for the disposal of treated sewage partly into OSR land and CMWSSB from the competent Authority.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
----- th meeting held during ----- to ----- . After detailed
deliberation the committee recommended for grant of Environment
Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered
the application based on the recommendations of the Expert Appraisal
Committee and hereby decided to grant Environmental Clearance for the
proposed ----- (Project Name), located at ----- .