

**Minutes of the 53<sup>rd</sup> Goa-State Environment Impact Assessment Authority (Goa-SEIAA)**  
**meeting held on 22<sup>nd</sup> April 2020 (Wednesday) at 3.30 pm in GCZMA office , Pundalik**  
**Nagar, Porvorim, Goa.**

The fifty third meeting of the Goa-SEIAA (*hereinafter referred as 'Authority'*) was held on 22<sup>nd</sup> April 2020 (Wednesday) at 3.30 pm in the chamber of Member Secretary, Porvorim, Goa. The list of members present during the meeting is at *Annexure – 1*.

At the outset, Member Secretary welcomed the Authority members; Member Secretary briefed about the agenda items (*refer Annexure – 2*) to be taken up for discussion / deliberations and suitable decisions. Accordingly, the same were considered as detailed below ó

1. Project proposals / applications seeking prior Environmental Clearance (EC) for **'Renewal'** of quarry lease(s) from three minor mineral quarry lease holders (*refer Annexure – 1*). Accordingly, these proposals have been appraised as **'Category-B'** under **'category 1(a) – B2 project': Mining of minerals** as per the **'Schedule'** annexed to the Environment Impact Assessment (EIA) Notification, 2006 (*as amended*).

Further, it is informed that the Goa State Expert Appraisal Committee (*Goa-SEAC – hereinafter referred as "Committee"*) had conducted the site-inspection of these leases on. Thereafter, consultants on behalf of lease holders, made project-specific presentations during its 113<sup>th</sup> Committee meeting held on 08<sup>th</sup> February 2020. The Committee after considering documents including Form I & documents, mining plans further site inspection, project specific presentation and the compliances as submitted by Project Proponent based on presentation. The committee sought compliances. Project proponent submitted compliances which were taken up during 116<sup>th</sup> Goa-SEAC meeting held on 5<sup>th</sup> March 2020, wherein the Committee recommended the following project proposal to Goa-SEIAA (Authority) for grant of Environmental Clearances.

**ANNEXURE – 1**

**List of minor mineral quarry lease holders seeking EC for its lease renewals**

<b>Sr. No.</b>	<b>Name of the minor mineral quarry lease holder</b>	<b>Site-specific location of lease</b>	<b>Lease details and its particulars</b>	<b>Decision of Authority</b>
1	<b>Santosh Gaonkar Dharbandora-Goa.</b>	Survey no. 38/2 piliem village, Dharbandora Goa.	Renewal of <b>Laterite-stone quarry</b> Lease area ó 1.0000 Ha. Rate of extraction: 5,000 m <sup>3</sup> per annum.	Recommended for grant of Environmental clearance
2	<b>Sushant Gaonkar Dharbandora-Goa.</b>	Survey no. 63/2-A Codar village, Ponda Goa.	New <b>Laterite-stone quarry</b> Lease area ó 1.0000 Ha. Rate of extraction: 1,000 m <sup>3</sup> per annum.	Recommended for grant of Environmental clearance

3	<b>Barkelo Gaonkar Dabal, Dharbandora-Goa.</b>	Survey no 142/2 (P) Dharbandora-Goa.	New <b>Laterite-stone quarry</b> Lease area ó 2.5000 Ha. Rate of extraction: 5,000 m <sup>3</sup> per annum.	Recommended for grant of Environmental clearance
4	<b>Shri. Rajendra Mahadev Naik</b>	Survey no 63/1 Santona, Sanguem-Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 1.0000Ha Rate of extraction: 500 m <sup>3</sup> per day.	Recommended for grant of Environmental clearance
5	<b>Shri. Santosh Dyandev Khadapkar</b>	Survey no 57/1 Allorna, Pernem-Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 1.7400Ha Rate of extraction: 13350 m <sup>3</sup> per annum.	Recommended for grant of Environmental clearance
6	<b>M/s Shalini Metals</b>	Survey no 25/2(p), 28 (P), 29 (P), 30(P), 31(P) Allorna, Pernem Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 4.9749 Ha Rate of extraction: 100,000 m <sup>3</sup> per annum.	Recommended for grant of Environmental clearance
7	<b>Shirish Kamat Phonda</b>	Survey No. 29/4 Cacora, Quepem, Goa.	Extension Environmental clearance issued for laterite quarry for another 2 years	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>
8	<b>Mario Mascarenhas Santona</b>	Survey no. 62/1, Santona, Sanguem, South Goa.	Extension of Environment clearance validity for existing Basalt Stone Quarry.	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>
9	<b>Kaloshi Granites</b>	Survey no 12/1 Damocem-Sattari,Goa.	Renewal ' <b>Basalt stone quarry</b> Lease No. 5/Basalt/03 Lease area ó 0.3576 Ha Rate of extraction: 24000 m <sup>3</sup> per annum.	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>

10	<b>M/s Maria Metal</b>	Survey no70/1 Santona, Sanguem-Goa.	Renewal of ' <b>Basalt stone quarry</b> Lease area 6 3.3060 Ha. Lease No. 5/Basalt/03 Rate of extraction: 54000 m <sup>3</sup> per annum.	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>
11	<b>M/s RBS Candiaparcar</b>	Existing basalt quarry bearing lease no. 3/BASALT/93 situated in Piliem, Dharbandora, Goa.	Extension Environmental clearance issued for laterite quarry for another 2 years	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>
12	<b>M/s RBS Candiaparcar</b>	Existing basalt quarry bearing lease no. 4/BASALT/93 situated in Piliem, Dharbandora, Goa.	Extension Environmental clearance issued for laterite quarry for another 2 years	Extended for another 3 yrs as per Notification dated 14/09/2016 from Ministry of Environment & Forests and Climate Change (MOEF & CC) bearing <b>S.O. 2944 (E)/</b>

The Authority decided to **grant prior EC with the mandatory compliances** to the following to be compulsorily verified by the Directorate of Mines and Geology (DMG), Goa.

1. **Goa Mineral Concession (Amendment) Rules, 2012** notified by the Directorate of Mines and Geology (DMG) and published in Official Gazette Series-I, No. 24 dated 17<sup>th</sup> September 2012.
2. Submission of **approved quarrying plan** by the competent officer as per Sub-rule (7) as well as specific compliance to Sub-rules 7(A) to 7(D) of the above-referred Rules, as applicable.
3. Office Memorandum (O. M.) issued by the Ministry of Environment, Forest and Climate Change (MoEF & CC) dated 20<sup>th</sup> December 2013 regarding **High Level Working Group Report on Western Ghats** *vis-a-vis* compliance to the conditions mentioned therein w.r.t. activities prohibited in the identified Ecologically Sensitive Areas (ESAs).
4. Notification S. O. 733 (E) dated 10<sup>th</sup> March 2014 issued by the erstwhile Ministry of Environment and Forests (MoEF) and published in the Gazette of India 6 Extraordinary, No. 624, Part-II, Section 3, Sub-section (ii) dated 10<sup>th</sup> March 2014 **specifying the list of villages categorized as Ecologically Sensitive Areas (ESAs) in the State of Goa** (i.e. 1,461 sq.kms.) *vis-a-vis* list of projects and activities prohibited / regulated therein.

5. Notification S. O. 221 (E) dated 23<sup>rd</sup> January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 155, Part-II, Section 3, Sub-section (ii) dated 23<sup>rd</sup> January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bhagvan Mahavir Wildlife Sanctuary and National Park within the State of Goa** *vis-a-vis* list of sixteen villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
6. Notification S. O. 615 (E) dated 25<sup>th</sup> January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 445, Part-II, Section 3, Sub-section (ii) dated 25<sup>th</sup> January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bondla Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of six villages falling partially within such ESZ boundary as well as details of projects and activities prohibited / regulated therein.
7. Notification S. O. 608 (E) dated 24<sup>th</sup> February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 438, Part-II, Section 3, Sub-section (ii) dated 24<sup>th</sup> February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Cotigao Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of three villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
8. Notification S. O. 607 (E) dated 24<sup>th</sup> February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 437, Part-II, Section 3, Sub-section (ii) dated 24<sup>th</sup> February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) upto the river bank abutting the sanctuary of the three sides of Dr. Salim Ali Bird Sanctuary and to the extent of 100 mts. on the eastern side towards Chorao village** in the State of Goa *vis-a-vis* Chorao village (*partially*) falling within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
9. Notification S. O. 616 (E) dated 25<sup>th</sup> February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 446, Part-II, Section 3, Sub-section (ii) dated 25<sup>th</sup> February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Madei Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of Rivem village (01 no.) falling completely and list of thirty-five villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
10. Notification S. O. 555 (E) dated 17<sup>th</sup> February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 395, Part-II, Section 3, Sub-section (ii) dated 17<sup>th</sup> February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Netravali Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of sixteen villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
11. Notification S.O 3977 (E) dated 14<sup>th</sup> August 2018 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) issued under sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 specifying **delegation of more powers to State Environment Impact Assessment Authority (SEIAA) and District Environment Impact Assessment Authority (DEIAA) with respect to grant of Environment Clearances.**

2. Further, the project proponent (*i.e. minor mineral quarry lease holder*) is required to mandatorily comply with the following ‘**General conditions**’:-

1. The lease holder should ascertain on-site demarcation and construction of lease boundary with cement poles / bio-fencing / barbed wire for the proposed leased area in question. The lease boundary may be subsequently geo-referenced for precise positioning and ground-truth verification. As such, the lease holder should ensure that minor mineral quarrying operations are restricted within the prescribed lease boundary.
2. The lease holder should ensure construction of approach road / proper access to enable transportation of quarried material from site to desired destination and/or crushing unit, as applicable. Transportation of quarried material shall be done by covering the trucks with tarpaulin so that no spillage of material / dust takes place on route.
3. The lease holder should comply with the proposed plan of action / modus operandi for extraction of basalt / laterite stones within the available lease boundary limits in terms of provisions of Mines and Safety Rules / Guidelines, as applicable. In addition, safety gadgets and health-care facilities should be provided to workers vis-a-vis maintaining hygiene surrounding the proposed lease boundary.
4. The lease holder shall undertake adequate safeguard measures during extraction of basalt stone and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected / altered / polluted. Quarrying operations should be limited to **day-hours time** (06 a.m. to 06 p.m. only) with specified time reserved for blasting. Regular monitoring of groundwater levels and its physico-chemical quality parameters shall be carried out around the quarry lease area (for minimum two locations of permanent water sources / open well / borewell). If there are no groundwater sources, then nearest perennial surface water sources (*i.e. stream / river / pond / lake / reservoir / irrigational canal*) should be monitored for similar parameters on quarterly basis and/or seasonally (*i.e. pre-monsoon / monsoon and post-monsoon*).
5. No quarrying be carried out within the safety zone of any bridge and/or embankment as well as within the vicinity of natural / man-made archaeological site(s).
6. The lease holder shall implement air pollution control measures / dust minimizing initiatives / noise control measures, wherever applicable, within the lease area as well as establish adequate buffer zone around the lease boundary to minimize such pollution hazards. It should be ensured that the Ambient Air Quality (AAQ) parameters (*to be measures in January, April and November every-year*) as well as Noise parameters conform to the norms prescribed by the Central Pollution Control Board (CPCB) and Noise Pollution (Control) Rules, 2000 respectively.
7. Green belt development shall be carried out considering CPCB guidelines including selection of plant species in consultation with Forest Department / Zonal Agricultural Office, as applicable.
8. The lease holder shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the lease area.
9. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.
10. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.
11. The mining officer / in-charge of quarrying operations on-site shall submit six-monthly report in hard and soft copy formats w.r.t. specifying the status of compliance of the stipulated environmental clearance conditions (*i.e. Specific and General conditions*) to the Directorate of Mines and Geology (DMG), Goa, this Authority as well as Goa State Pollution Control Board (GSPCB).

12. Any change (*i.e. modification / expansion / alteration*) in lease area / quarrying operations / extraction capacity / modernization / scope of working / environment management plan (EMP) shall require re-appraisal by this Authority as per the provisions of the EIA Notification, 2006 (*as amended till date*).
  13. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.
  14. The Authority reserves the right to add any stringent conditions or to revoke the EC, if conditions stipulated are not implemented / complied with to the satisfaction of the Authority or for that matter, for any other administrative reasons.
  15. Any appeal against this prior environmental clearance shall lie before the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).
3. In addition, the PP needs to comply with the following ‘**Specific conditions**’.
1. The Authority reserves the right to add any stringent conditions or to revoke the EC, if conditions stipulated are not implemented / complied with to the satisfaction of the Authority or for that matter, for any other administrative reasons.
  2. Any appeal against this prior environmental clearance shall lie before the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).
  3. The proposed extraction capacity of minor mineral (basalt) from the said leases (*i.e. from 1 Ha*) shall not exceed **50m<sup>3</sup>/day**.
  4. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken regularly at specific interval during the daytime / quarry-operations.

*Meeting ended with vote of thanks to the chair.*

**Sd/-**

Shri. Johnson Fernandes  
**Member Secretary, Goa-SEIAA**

**Sd/-**

Mr. Vivekanand L. Sawkar  
**Chairman, Goa-SEIAA**

Place: Porvorim  
Date: April 2020