

FORM – I
ENVIRONMENTAL CLEARANCE

for

GRAVEL QUARRY
(7.285 HA)

of

Smt.P.Lakshmi Annapurna
GRAVEL QUARRY
SY.NO. 26/P, GARLAPADU (V),
MADDIPADU (M), PRAKASAM (DT),
ANDHRA PRADESH

Prepared & Submitted by

SV ENVIRO LABS & CONSULTANTS
BLOCK-B, B-1, IDA, AUTONAGAR -12
VISAKHAPATNAM, ANDHRA PRADESH

FORM- 1

(I) Basic Information

Sl.No.	Item	Details
1.	Name of the project/s	Smt.P.Lakshmi Annapurna (Gravel Quarry)
2.	S.No. in the schedule	1 (a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled.	Total Mine Lease area: 7.285 ha Production of Gravel Quarry: 67488M ³
4.	New/Expansion/Modernization	New for EC
5.	Existing Capacity/Area etc.	7.285 Ha (or) 18.00 Acres
6.	Category of Project i.e. 'A' or 'B'	Category – B
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.	<u>Location</u> <u>Plot/Survey/Khasra No.</u> <u>Village</u> <u>Tehsil</u> <u>District</u> <u>State</u>	Sy.No.26/P Garlapadu (V), Maddipadu (M), Prakasam District, Andhra Pradesh
10.	Nearest railway station/airport along with distance in kms.	Ongole Railway station at a distance of 24.9 Kms from the site.
11.	Nearest Town, city, district Headquarters along with distance in kms.	Maddipadu at a distance of 11.13 Kms Ongole is at a distance of 23.76 Kms.
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Garlapadu at a distance of 1.6 Kms
13.	Name of the applicant	Smt. P. Lakshmi Annapurna
14.	Registered Address	Smt. P. Lakshmi Annapurna

15.	<u>Address for correspondence:</u> <u>Name</u> <u>Designation (Owner/Partner /CEO)</u> <u>Pin code</u> <u>E-mail</u> <u>Telephone No.</u> <u>Fax No.</u>	Smt. P. Lakshmi Annapurna D.No:35-066-390, 3 rd Line Near OPS, Mangamur Road, Ongole, Prakasam Dt. Proprietor 523002 lakshmiannapurna7285@gmail.com 8008574068 --
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	Existence of mineral is natural and site specific. The area falls under Toposheet No: 57M/14.
17.	Interlinked Projects	No interlinked Projects
18.	Whether separate application of interlinked project has been submitted?	NA
19.	If yes, date of submission	NA
20.	If no, reason	NA
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. i. The Forest (Conservation) Act, 1980? ii. The Wildlife (Protection) Act, 1972? iii. The C.R.Z. Notification, 1991?	NA NA NA
22.	Whether there is any Government Order/Policy relevant /relating to the site?	Proceeding no: 5406/Q3/2014 dated 24/12/2014 of the Dy. Director of Mines & Geology, Guntur granted quarry lease . Proceeding no: 6215/Q/2014 dated 31/12/2014 of the Dy. Director of Mines & Geology, Ongole.
23.	Forest land involved (hectares)	Nil
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? a) Name of the Court b) Case No. c) Orders/directions of the Court, if any and its relevance with the proposed project.	Nil

(II) Activities

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	The land is earmarked for mining of Gravel Quarry. It will be taken up in a total of 7.285 Hectare of land. The above said land was a barren land and consists of no structures.
1.2	Clearance of existing land, vegetation and buildings?	No	The existing land is barren and undeveloped land. No vegetation is existing.
1.3	Creation of new land uses?	No	No extra new land will be used. The facility having 7.285 ha of land. Within this land premises only the proposed activity will be taken up.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	--
1.5	Construction works?	No	No structures will be constructed.
1.6	Demolition works?	No	--
1.7	Temporary sites used for construction works Or housing of construction workers?	No	Local manpower will be utilized for the construction work..
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	Above ground there are no structures or earthworks and do not require major civil works or cut / fill also.
1.9	Underground works including mining or tunneling?	No	--
1.10	Reclamation works?	No	No reclamation work

1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	No	The land is earmarked for mining of Gravel Quarry mineral only. There will not involve any processing.
1.14	Facilities for storage of goods or materials?	Yes	Temporary storage at site and sending to vendors.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	There will not be any effluents generation from the proposed unit. The only wastewater generation is from domestic usage i.e., 0.8 m ³ /day.
1.16	Facilities for long term housing of Operational workers?	No	Majority of manpower will be recruited from local people only. Therefore no housing scheme proposed.
1.17	New road, rail or sea traffic during Construction or operation?	No	The site is well connected to roadway.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Not applicable.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No transport routes will be changed.
1.20	New or diverted transmission lines or pipelines?	No	No transmission & pipeline existing.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not applicable
1.22	Stream crossings?	No	No perennial streams in the site

			area.
1.23	Abstraction or transfers of water form ground or surface waters?	No	Water tanker is sufficient for the proposed unit.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	--
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	There is no construction work in the proposed site. During operation lorries, trucks, etc will be used.
1.26	Long-term dismantling or decommissioning or restoration works?	No	--
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	--
1.28	Influx of people to an area in either Temporarily or permanently?	No	--
1.29	Introduction of alien species?	No	--
1.30	Loss of native species or genetic diversity?	No	--
1.31	Any other actions?	No	--

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non- renewable or in short supply):

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	Total Mine Lease Area: 7.285Ha. Will be used for mining operations only.
2.2	Water (expected source & competing users) unit: KLD	Yes	Dust suppression – 2.0 m ³ /day Green belt – 2.0 m ³ /day Domestic activity - 1.0 m ³ /day
2.3	Minerals (MT)	No	Mining of Gravel Quarry:

			Maximum production per annum: 67488 M ³ .
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Requirement of small quantities of construction materials are sourced from nearby areas for construction of office and rest shelter.
2.5	Forests and timber (source – MT)	No	No timber will be used. All the structures are of MS and pre fabricated.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Diesel will be used in vehicles (trucks, lorries).
2.7	Any other natural resources (use appropriate standard units)	No	--

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	No hazardous chemicals will be used. It requires only digging excavators of site for minerals. The air borne dust will be mitigated by water sprinklers.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases) 3.3 Affect the welfare of people e.g. by changing living conditions?	No	--
3.3	Affect the welfare of people e.g., by changing living conditions?	Yes	Due to this facility, living standards of surrounding people

			<p>will be increases. i.e.,</p> <ul style="list-style-type: none"> ➤ Work will be generated for un-employed. ➤ Educational facilities increase. <p>The proposed project will be a landmark achievement in Prakasam District and in the State of Andhra Pradesh.</p> <p>The socio-economic benefits arising out of this project for the local people will include creation of direct and indirect jobs and consequent rise in the income levels, associated commercial and social infrastructure development.</p>
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	--
3.5	Any other causes?	--	---

4. Production of solid wastes during construction or operation or commissioning (MT/month)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	There won't be any mine waste.
4.2	Municipal waste (domestic and or commercial wastes)	No	--
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	--
4.4	Other industrial process wastes	No	No industrial process waste will be generated.
4.5	Surplus product	No	--
4.6	Sewage sludge or other sludge from	Yes	--

	effluent treatment		
4.7	Construction or demolition wastes	No	--
4.8	Redundant machinery or equipment	Yes	--
4.9	Contaminated soils or other materials	No	No soil / material will be contaminated.
4.10	Agricultural wastes	No	No agricultural waste will be generated.
4.11	Other solid wastes	Yes	--

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	No	Emissions will be generated for machinery used for mining activities and from trucks used for transportation activities.
5.2	Emissions from production processes	Yes	Manual cum Semi Mechanized open cast mining is proposed. During production with excavators quantity of dust generated is negligible. Adequate control measures like water sprinkling will be taken to control devices
5.3	Emissions from materials handling including storage or transport	Yes	Emission will be released from storage / handling / transport of mining material & vehicular movement only.
5.4	Emissions from construction activities including mine and equipment	No	--
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Dust arises from construction materials will be suppressed by water sprinkling. Proper care will be taken during handling of

			material. During unloading of metal, water will be sprayed. Therefore no fugitive emissions will be released. The sewage generated from mine site will be properly routed to septic tank followed by soak pit.
5.6	Emissions from incineration of waste	No	No incinerator proposed.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No open air burning.
5.8	Emissions from any other sources	No	Nil

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation mine, crushers	Yes	Noise will be generated from transport vehicles, machinery
6.2	From industrial or similar processes	Yes	The work will be done from dawn to dusk. The operations will cause more than 75 dB (A). Therefore sufficient PPE is supplied to reduce noise / vibrations disturbances.
6.3	From construction or demolition	No	--
6.4	From blasting or piling	No	There will not be any piling operations and no secondary blasting is required.
6.5	From construction or operational traffic	No	No construction activity required. The noise is due to vehicular movement only.
6.6	From lighting or cooling systems	No	--
6.7	From any other sources	No	--

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No hazardous materials will be used.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	The domestic wastewater will be disposed to septic tank followed by soak pit.
7.3	By deposition of pollutants emitted to air into the land or into water	No	--
7.4	From any other sources?	No	Nil
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	It is only mining site. The only emission is in the form of fugitive dust during excavation and it will be suppressed by water sprinkling. No fuel burning will occur.

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	No hazardous substance will be stored. Small quantity of HSD will be stored in the site for running the loaders. The HSD will be stored in a secured place.

8.2	From any other causes	No	----
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	The area of project site will not be affected by natural disasters.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
9.1	Lead to development of supporting. lities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, Waste or waste water treatment, etc.) • Housing development • Extractive industries • Supply industries • Other 	No	No supply or ancillary units required for this project.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Greenbelt will be developed all along the mining lease area which will increase the aesthetic beauty of the site.
9.3	Set a precedent for later developments	No	No such cases.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	There will not be any circumstance impact on surrounding due to there will not

			be any point sources for air pollution. Only truck movement and fugitive dust will be controlled through sprinklers.
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(III) Environmental Sensitivity

S.No.	Area	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	None within 15 km Aerial distance from proposed mine site.
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	yes	Water Bodies: Gundlakamma Reservoir at a distance of a 0.5 Kms and Reserved Forest: Errakonda Reserve Forest at 15.4 Kms, Devarapalem Reserve Forest at 16.2 Kms, Chimakurty Reserve Forest at 17.32 Kms.
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	None within 15 km Aerial distance from proposed mine site.
4	Inland, coastal, marine or underground waters	No	Bay of Bengal at a distance of 25 kms
5	State, National boundaries	No	None within 15 km aerial distance from proposed mine site.
6	Routes or facilities used by the public	Yes	Village roads are available to this

	for access to recreation or other tourist, pilgrim areas		site at Maddipadu Mandal, Prakasam Dt.
7	Defense installations	No	None within 15 km aerial distance from proposed quarry.
8	Densely populated or built-up area	Yes	Densely populated area Maddipadu at a distance of 11.13 Kms
9	Areas occupied by sensitive man-made land uses <i>(Hospitals, schools, places of worship, community facilities)</i>	Yes	Hospitals, schools and community facilities are available at Garlapadu Village.
10	Areas containing important, high quality or scarce resources <i>(Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)</i>	No	None within 15 km aerial distance from proposed mine.
11	Areas already subjected to pollution or environmental damage. <i>(Those where existing legal environmental standards are exceeded)</i>	No	None within 15 km aerial distance from proposed mine site.
12	Areas susceptible to natural hazard which could cause the project to present environmental problems <i>(Earthquakes, subsidence, landslides, erosion, flooding for extreme or adverse climatic conditions)</i>	No	The areas are not susceptible to natural hazards (data available from past records)

STANDARD TEMPLATE FOR EVALUATION OF ALL PROJECTS/ ACTIVITIES:-

S.No	Information required	Information to be furnished by the proponents
1	Name of the project or activity	Smt. P. Lakshmi Annapurna
2	Name of the organization/owner.	Proprietor
3	Address for communication	Smt. P. Lakshmi Annapurna D.No:35-066-390, 3 rd Line Near OPS, Mangamur Road, Ongole, Prakasam Dt.
4	Telephone numbers	8008574068
5	Email ID of the organization or contact person	lakshmiannapurna7285@gmail.com
6	Location of the Proposed project or activity	Sy.No.26/P, Garlapadu Village, Maddipadu Mandal, Prakasam Dt, Andhra Pradesh
7	Appraisal Category (B2 or B1)	B2
8	Nearest habitation and distance from the project or activity	Dhenuvakonda at a distance of 1.45 Kms from mining site.
9	Installed capacity / Production Capacities	Gravel Quarry Mining-67488 m ³ /annum
10	Specify the Fuel (Coal / CNG / biomass/Others) and quantity required	--
11	Details of Land use/Land Cover	Total mine lease area is 7.285 ha.
12	Occupancy, ownership of the land in which the activity is proposed: (Government land / Private land / Forest land /Revenue land /Temple land /leased land/ land belongs to other Department)	Govt. land
13	If it is a Forest land, the following details shall be furnished: (Whether it is a Reserved forest / Protected forest/Demarcated forest/ National Parks/Sanctuaries/any land in possession of Forest Department.) (The village map with Sy. No. indicating nearest forest boundary line from the site shall be enclosed)	No forest area covers under the proposed site area
14	Total investment of the project/activity.	Rs. 15 Lakhs
	a. Funds allocated for EMP (capital cost and recurring cost per annum)	Rs. 1.5 Lakhs
15	Brief description of the project with special	Enclosed

	reference to specific pollution and its control measures.	
16	Compliance report on the following :	
	i. Status of compliance of the conditions and environmental safeguards stipulated in the earlier clearance letters.	The mining lease granted vide proceedings No. 6215/Q/2014 Dt: 31.12.2014. The mining plan is prepared under G.O.Ms.56, I&C (Mines-II) Dt: 30.04.2016. Present proposal is for Environmental Clearance.
	ii. Details of the court cases, if any, pending in any Court of Law against the project as well as any directions passed by the Court relating to the project directly or indirectly.	Nil
	iii. Details of the notices, if any, given to the project under Section 5 of the Environmental (Protection) Act, 1986 and Section 18 of the Air (Prevention & Control of Pollution) Act, 1981.	No
17	Whether the project attracts the provisions laid under the OM dt. 16.11.2012 issued by the MoE&F, GOI, w.r.t. violation of EIA Notification, 2006 and its amendments thereof? (Yes/No)	No
	Present stage and status of the project:	This is Gravel Quarry project and attracted Environmental Clearance. Approved mine plan is required and got approved by Mines & Geology Dept. under G.O. Ms.56, I&C (Mines-II), and immediately we prepared mine plan and approved in the month of 30.04.2016 vide letter No.1218/MP/GR/OGL/2017 Dt: 10.04.2017. Mine working not yet started.

(IV) Proposed Terms of Reference for EIA studies:

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: 29.04.2017

Place: Ongole

Smt P. Lakshmi Annapurna

For P. Lakshmi Annapurna

P. Lakshmi Annapurna

Proprietor

(Project Proponent /Authorized Signatory)

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the state of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the state of EC)."
3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project

DECLARATION

- (a) I/We / **Smt P. Lakshmi Annapurna, Gravel Quarry Lease** hereby declare that I/We/ our organization does not /do not have conflict of interest with the Chairmen and members of MOEF, New Delhi.
- (b) I/We hereby declare that **Smt P. Lakshmi Annapurna; Proprietor** of our company / organization is/are authorized to submit the application and to do all necessary correspondence for obtaining environmental clearance from Ministry of Environment & Forests, New Delhi and to attend the meeting (s) of MOEF, New Delhi to present our case and to clarify the points raised by the Members of MOEF, New Delhi.
- (c) I/we hereby declare that the information furnished above is true to best of my/our knowledge and I/we shall hold personal liability for any deliberate misrepresentation and or concealment of factual information. If the information furnished is found to be false, the EC issued to our organization can be withdrawn and I/we are liable for action as per rules applicable.

Date: 06.01.2017	Place: Ongole	Smt P. Lakshmi Annapurna, For P. Lakshmi Annapurna P. Lakshmi Annapurna Proprietor Signature of the Applicant/ project proponent (Name and address of the Applicant)
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Smt P.LAKSHMI ANNAPURNA

Sy.No:26/P, Garlapadu (V), Maddipadu (M), Prakasam (Dist)

Date: 08.04.2017

To,
The Chairman,
State Level Environmental Impact Assessment Authority (SEIAA),
C/o. AP Pollution Control Board,
Sanath Nagar, Hyderabad.

Sir,

Sub:	SEIAA, Hyderabad – Smt P. Lakshmi Annapurna Mining of Gravel – Intimation of the Authorized Signatory- Reg.
Ref:	Amendments to EIA-2006 notification issued vide S.O.1533 (E) Dt. 14.09.2006 by MoE&F, GOI.

With reference to above, it is to inform that the project proponent Smt P. Lakshmi Annapurna Mining of Gravel has authorized Smt P. Lakshmi Annapurna, Proprietor of the organization to make all necessary correspondence with the SEIAA, Hyderabad on behalf of the proponent for obtaining the Environmental Clearance for their project proposed at Sy.No: 26/(P) of Garlapadu (V), Maddipadu (M), Prakasam (District), Andhra Pradesh

Yours faithfully,

Smt P. Lakshmi Annapurna
For P. Lakshmi Annapurna
X P. Lakshmi Annapurna.
Proprietor

D.No:35-066-390, 3rd Line Near OPS, Mangamur Road, Ongole, Prakasam Dist, A.P-523002

Ph:+ 91-8008574068, E mail: plakshmiannapurna4@gmail.com