

**PROCEEDINGS OF THE PUBLIC HEARING FOR THE PROPOSAL OF KURALOI-A NORTH COAL BLOCK OCP MINE OF M/S VEDANTA LTD WITH COAL PRODUCTION CAPACITY OF 8.0 MILLION TPA, OVER MINING LEASE AREA OF 965.58 HA, AT VILLAGE PIPILIMAL, DHAURAMUNDA, KURALOI, BELPAHAR, BANJARI, BARTAP UNDER LAKHANPUR TEHSIL, DISTRICT: JHARSUGUDA OF ODISHA, AT MOUZA-PIPILIMAL(OVER KHATA NO.205(AJA), PLOT NO.1(P), AREA 2.50 AC, KISAM-PATITA) UNDER LAKHANPUR TEHSIL OF JHARSUGUDA DISTRICT, HELD ON 01.07.2023 AT 11.00AM**

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The public hearing of the proposed Kuraloi A North Coal Block Open Cast Coal Mine of M/s Vedanta Limited was conducted as per the EIA Notification S.O.1533 (E) dated 14.09.2006 for grant of Environment Clearance on dated:-01.08.2023, at 11.00 AM , At mouza- Pipilimal (over Khata No.205(Aja), Plot No.1(p), Area 2.50 ac, Kisam-Patita) under Lakhanpur Tehsil of Jharsuguda district for Coal production of capacity of 8.0 Million TPA over mining lease area of 965.58 Ha at Pipilimal, Dhauramunda, Kuraloi, Belpahar, Banjari, Bartap villages under Lakhanpur Tehsil of Jharsuguda District.

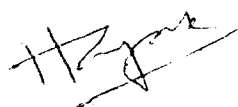
Sri Prabeer Kumar Nayak, OAS-(SAG), Additional District Magistrate (General), Jharsuguda, supervised and presided over the Public Hearing Process, assisted by Er. Hiranya Kumar Nayak, Regional Officer, State Pollution Control Board, Jharsuguda & representatives of State Pollution Control Board, Odisha. The State Pollution Control Board, Odisha, Bhubaneswar had advertised in newspaper in Odia daily – **The Dharitri** on dated.28.06.2023 and in English daily- **The Times of India** on dated.28.06.2023. The Public Hearing in respect of the above project stated as per the schedule and the venue decided by the District Magistrate in accordancce with the EIA Notification S.O.1533(E) dated 14.09.2006. The attendance sheet of the panel members present in the public hearing is annexed as **Annexure – I**. Around 336 persons had attended the public hearing meeting and the attendance sheet of the public participants attended the public hearing is annexed as **Annexure-II**.

At the outset, Er. Hiranya Kumar Nayak, Regional Officer, SPCB, Jharsuguda welcomed the panel member and the public presented in the meeting. He briefly described the objectives and procedure followed for conducting the Public Hearing as per the EIA Notification S.O.1533(E), dated 14.09.2006 of Ministry of Environment, Forest & Climate Change (MoEF&CC), Govt. of India. He requested Additional District Magistrate, Jharsuguda to preside over the meeting.

Welcoming the public, the panel members, Press Media, Police Officers and the assembled public in the meeting, Sri Prabeer Kumar Nayak (OAS), Additional District Magistrate (General), Jharsuguda briefly explained the objective of the proposed coal mining project and the views, comments, objections and opinions of the public are necessary while considering the Environmental Clearance of the project. He invited the Project Proponent to give a brief description about the project before the public gathered in the meeting about the various aspects of the proposed project.

On behalf of the Project Proponent, Shri Subhasish Panda, AGM-EC & FC of M/s Vedanta Ltd, welcomed the official members, public and all other participants present during the public hearing meeting. He presented the salient features of the proposed coal block on need of the Project, requirement of the Project, Mining Methodology, Mine Closure Plans, various environmental impacts & their mitigative measures, employment opportunities, CSR activity & benefit of the project etc and gave a brief description about the company and project as follows:-

- Vedanta Resources Limited is one of the leading mining and non-ferrous metals companies in India. It is also operating in abroad, in the sector of Mining, Oil and Gas operations, Aluminium, Iron ore, Power generation etc. It has made the largest investment in Odisha in the mining sector. The demand for coal across the country and state is increasing day by day due to industrialization and growth in infrastructure. Due to gap in the domestic demand & supply of coal, substantial quantity of thermal coal is being imported by our country leading to loss of valuable foreign exchange.
- Therefore, Vedanta Limited participated in the coal block auction process held in 2021 for Kuraloi -A North Coal block and became the successful bidder. The coal block is auctioned for commercial coal sale including sale to affiliates, captive consumption, coal gasification, coal liquefaction and export of coal.
- Ministry of Coal, Govt. of India has allocated this coal block vide allocation order No: NA-104/1/2021-NA, dated 03.09.2021 in favour of Vedanta Ltd being the highest bidder. Mining Plan and Mine Closure Plan has been approved by Ministry of Coal vide letter no. Kuraloi (A) North Coal Mine ORJH/APP0080/2021, dated 05.08.2022. Application for Environment Clearance was submitted on Parivesh Portal on 02.09.2022 for which ToR has been granted by MoEF&CC, Govt. Of India on dated 25.10.2022.



- M/s Vedanta Ltd. has proposed for coal production of capacity 8.0 million Ton per Annum in Kuraloi-A North Coal Block at villages Pipilimal, Dhauramunda, Kuraloi, Belpahar, Banjari and Bartap under Lakhanpur Tehsil of Jharsuguda district. The proposed coal block covers over an area of 965.58 Ha, out of which private land is 502.90 Ha, Govt. Land is 249.31 Ha and Forest Land is 213.37 Ha.
- Mining will be carried out using mechanized opencast method in 03 shifts. Surface miners will be used for extraction of coal and shovel-dumper combination will be used to remove the overburden. Extractable coal reserves is estimated only 145.32 Million tonnes and the life of the mine is 23 years including 2 years of construction. In the first two years of mining, the overburden will be stacked in the external dump and backfilled in the excavated area. Tree plantation will be done over the backfilled area.
- Coal will be transported through railway siding through a rapid loading system, which will be developed within 2 years from the start of the mining operation.
- Lilari Nallah, which flows through the coal block, will be diverted along the western part of mine lease periphery and will be connected to its original course in the south-eastern part of the coal block. The seasonal Hinjankharu Jhor which joins Lilari Nallah at the center will also be diverted. Diversion of the nallah will be implemented subject to prior approval from Water Resource Department, Govt. of Odisha
- The total cost of the project is estimated to be Rs.2000 crores, capital cost for protection of the environment is Rs. 23.61 crores and annual recurring cost is Rs 2.72 crores. An amount of Rs.184.32 crore will be deposited into Escrow Account as a security against the mine activities to be carried out for the closure of the mine.
- During the mining operation, about 1235 persons will be employed. Skilled, unskilled and semi-skilled person will be engaged. Preference will be given to the local people for employment on basis of their skill, eligibility, and requirement of the project. Apart from it, indirect employment will also be generated due to different ancillary activities of the project.
- During the operation of the mine, about 1100 cum/day of water will be required which will be sourced from Lilari Nallah and groundwater, with prior permission from the concerned authority. Later, the water requirement for the mining activities will be used from the seepage water of mine and rainwater.

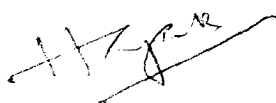
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- **Baseline studies for Environment Impact Assessment for Kuraloi A North Coal Block Open Cast Coal Mine** was carried out in core as well as buffer zone during Summer Season at a distance of 10 km from the mine lease boundary.
  1. **Air Quality:** - Air quality monitoring covering PM10, PM 2.5, SO<sub>x</sub>, NO<sub>x</sub>, CO has been carried out at 10 locations of the study area for 24 hours, twice in a week for 3 months. The concentration of AAQ at all monitoring location were found well within the prescribed standards of NAAQS.
  2. **Noise:** - Noise level monitoring was carried out at 10 locations during the day and night time once in the study period. The noise levels in the study area are well within the limits as prescribed by the Noise Pollution (Regulation and Control) Rule, 2020.
  3. **Surface and ground water:** - Surface water quality monitoring was carried out at 8 locations and ground water quality monitoring at 9 locations within the study area. The ground water quality reveals that the water is potable.
  4. **Soil:-** Soil samples were collected from 09 different specified locations within the study area of the mine site and analysed to identify the key and chemical parameters. The analysis result shows that, soil is suitable for plantation and greenbelt.
  5. **Flora & fauna:-** Detailed biological study has been carried out for the project to know the extent of flora & fauna in the study area. The area is represented by fauna of Schedule I, II, III, IV, V category according to (IWPA) Indian Wildlife Protection Act, 1972 as amended on 20th December, 2022.
  6. **Land use and Land Cover study:** - The core zone mainly consists of agriculture land, plantation, forest land, habitation, open scrub, water bodies and railway.
- **The following environment protection measures will be taken: -**

#### **Air and Noise Management**

Coal excavation will be carried out by surface miner to avoid drilling blasting and OB by shovel-dumper combination. Wet drilling will be carried out. Proper water sprinkling arrangements will be done for haul road and at all dust generation points. Ambient Air Quality will be monitored regularly and maintained as per the prescribed norms. Controlled blasting will be carried out using non-electric detonators (NONEL) to keep the impacts of noise within limit. New generation and advanced technology HEMMs will be deployed. Development of green belt & plantation around the mining activity & other areas will be carried out. Vibrations and noise monitoring will be carried out regularly.




## **Water Management**

Domestic effluent generated from the mining will be treated in STP and the treated water will be used for greenbelt and plantation. ETP will be installed for the treatment of wastewater generated from workshop and treated water will be used for dust suppression. Garland drain will be developed along the periphery of the mine for the flow of surface run-off water alongwith settling pond and check dams. Proper profiling of working benches of pits and dumps will be done to channelize mine and rain water in garland drains & sumps. Ground water quality & level will be monitored regularly as per the prescribed standards.

## **Greenbelt and Plantation**

Plantation will be developed in backfilled area of 329.81 Ha. At conceptual stage, 553.77 Ha area will be covered under plantation with 130000 nos of saplings.

Under CSR activity the company will give more focus on Health, Livelihood, Women empowerment, Skill development, Education, Sports, Culture, Agriculture, Sustainable environment and community. It will also focus primary health care services, supply of drinking water in villages, transforming Anganwadi Centre through Nand Ghar program, women hygiene awareness drive and many more.

It will transform 22 anganwadi centres through Nand Ghar, providing better care and education to children and women by upgrading the centres through Building as Learning Aid (BALA) designs, installation of solar panels, inverter set, water purifiers and Smart TV. The project affected people will be given employment through skill development training programme.

All Private and Government land will be acquired through IDCO, Govt. of Odisha. Private land compensation and R&R benefits will be finalized on the basis of the prevailing Govt laws. The project will prove beneficial to the local people as direct and indirect employment opportunity will be generated. Further improvement in infrastructure will take place like education, roads, availability of drinking water, medical facilities in adjacent villages. There will be increase in earnings of local villagers, as they will get employment in the coal mine, which ultimately will result in better standard of living of the villagers. There will be increase in revenue generation to the Govt. by way of royalty, excise & govt. taxes etc.

Then Shri Prabir Kumar Nayak (OAS), Additional District Magistrate, welcomed the public, Public representatives, the official members, Press & Media assembled in the meeting. He invited the public to present their views on the proposed project in a peaceful manner.

Thereafter, the public deliberated on the various issues one by one. During public hearing, everyone had the opportunity to freely express their opinions on the proposed project. About 37 people expressed their views, the attendance sheet of the public participants who delivered their views is annexed as Annexure-III. The statement of public participated in the deliberation is annexed as Annexure-IV. After the deliberations were made by the public, Additional District Magistrate, Jharsuguda invited the project proponent to offer the views on the issues raised by the public. The summary of the views and the commitments was given by the project proponent, Shri Purnendu Pandey, Project Head- Kuraloi-A Coal Mine, are annexed in English vide Annexure-V and its odia translation is enclosed Annexure VI.

About 38 numbers of written representations were received which are annexed as Annexure VII. The video recording of the entire proceedings of the public hearing are enclosed herewith and will be forwarded to the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi as such, along with the written statements of the public & proceedings of the meeting. Finally, the meeting was ended with vote of thanks to the chair, public and the participants presented in the public hearing meeting.



**Shri Hiranya Kumar Nayak**  
Regional Officer, SPCB  
Jharsuguda  
Regional Officer  
State Pollution Control Board  
JHARSUGUDA



**Shri Prabeer Kumar Nayak, OAS-(SAG)**  
Additional District Magistrate  
Jharsuguda  
Addl. District Magistrate  
JHARSUGUDA



ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା  
(ଜଳ, ପରିବେଶ ଓ ଜଳବାୟ ପରିଚାଳନା ବିଭାଗ, ଓଡ଼ିଶା ସରକାର)  
ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକଣ୍ଠେଶ୍ୱର, ସୁନିର୍-୮  
ଭୁବନେଶ୍ୱର-୭୫୧୦୧୨



ଫାୟା 9937 / IND-II-PH-1159  
No. CAD-1062

ତାରିଖ: 26.08.2023

**ବିଜ୍ଞାପନ**

ଏକଦା ଅପତ୍ତ ଅବସ୍ଥିତ ନିମ୍ନରେ ବର୍ଣ୍ଣନା କରାଯାଇଥିବା ଯେ, ଯେଉଁଠି ବେଶ୍ କିଛି ବ୍ୟବସାୟିକ ଉଦ୍ଦେଶ୍ୟ ସାଧନ ପାଇଁ ଅନୁମତି ପ୍ରଦାନ କରାଯାଇଛି, ତାହା ସମ୍ପୂର୍ଣ୍ଣରୂପେ ବନ୍ଦ କରିବା ପାଇଁ ଅନୁମତି ପ୍ରଦାନ କରିବା ପାଇଁ ଆବେଦନ କରାଯାଇଛି ଏବଂ ଏହାକୁ ମଠିକୁ ପରିଣତ କରିବା ପାଇଁ ଆବେଦନ କରାଯାଇଛି।

ଆବେଦନକାରୀ ପରିବେଶ, ଜଳ ଏବଂ ଜଳବାୟ ପରିଚାଳନା ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼ର ପରିବେଶୀୟ ମାନ୍ୟତା ବିନା ପ୍ରାଥମିକ ଉପରୋକ୍ତ ଅନୁମତି ପ୍ରଦାନ କରିବାକୁ ପ୍ରସ୍ତୁତ ହୋଇଛି ଏବଂ ଏହାକୁ ଗ୍ରହଣ କରିବାକୁ ପ୍ରସ୍ତୁତ ହୋଇଛି।

- (କ) ପରିବେଶୀୟ ମାନ୍ୟତା ପ୍ରାଥମିକ ହୋଇଥିବା ବା ହେବାକୁ ଥିବା କୌଣସି କାର୍ଯ୍ୟ ।
- (ଖ) ପ୍ରକୃତ ସମ୍ପଦ ପରିବେଶୀୟ ମାନ୍ୟତା ପାଇଁ ଆବେଦନ କରାଯାଇ ପରିଚ୍ଛେଦରେ ଉଲ୍ଲେଖ କରାଯାଇଥିବା କୌଣସି କାର୍ଯ୍ୟକ୍ରମ ।
- (ଗ) ପରିବେଶ ଉପରେ କାର୍ଯ୍ୟର ପ୍ରଭାବ ବିଶ୍ଳେଷଣ ପ୍ରଣାଳୀ ପ୍ରାଥମିକ ହୋଇଥିବା କାର୍ଯ୍ୟକ୍ରମ ଉପରେ କୌଣସି କାର୍ଯ୍ୟକ୍ରମ ।
- (ଘ) ପ୍ରାଥମିକ ପ୍ରକୃତ ସମ୍ପଦ ସୁରକ୍ଷା ନିୟମାବଳୀ ଅନୁଯାୟୀ ପ୍ରାଥମିକ ହୋଇଥିବା କାର୍ଯ୍ୟକ୍ରମ ।

ଏହି ବିଷୟରେ ବିଭାଗୀୟ ଉପରୋକ୍ତ ପ୍ରକାଶନ, ପ୍ରକାଶନ, ନିର୍ଦ୍ଦେଶ ଏବଂ ଆବେଦନକାରୀଙ୍କୁ ସୂଚନା ଦେବା ପାଇଁ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା ପ୍ରକାଶନ ନିୟମାବଳୀ ୧୯୮୬ରେ ବର୍ଣ୍ଣନା କରାଯାଇଥିବା ୨୦ ଦିନ ମଧ୍ୟରେ କୌଣସି କାର୍ଯ୍ୟକ୍ରମ ଗ୍ରହଣ କରିବାକୁ ନିର୍ଦ୍ଦେଶ ଦିଆଯାଇଛି।

ପ୍ରକାଶନ ପ୍ରକୃତ ବିଷୟରେ ବିଷତ ଭାବରେ କାର୍ଯ୍ୟ ପାଇଁ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାୟନ ବିବରଣୀ (Environmental Impact Assessment) ଏବଂ ଏହାର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଶା ଏବଂ ଦାଖଲ କାର୍ଯ୍ୟରେ ନିର୍ଦ୍ଦେଶ ପ୍ରଦାନ କରାଯାଇଛି।

- ୧) ନିର୍ବାହନ କାର୍ଯ୍ୟକ୍ରମ, ଉଦ୍ଦେଶ୍ୟକାରୀ ।
- ୨) ନିର୍ବାହନ କାର୍ଯ୍ୟକ୍ରମ, ଉଦ୍ଦେଶ୍ୟକାରୀ ।
- ୩) ନିର୍ବାହନ କାର୍ଯ୍ୟକ୍ରମ, ନିର୍ବାହୀ ଅଧିକାରୀ, ଉଦ୍ଦେଶ୍ୟକାରୀ ।
- ୪) ମୂଖ୍ୟ କାର୍ଯ୍ୟକ୍ରମ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା, ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକଣ୍ଠେଶ୍ୱର, ଭୁବନେଶ୍ୱର-୭୫୧୦୧୨ ।
- ୫) ଆବେଦନ କାର୍ଯ୍ୟକ୍ରମ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା, ଉଦ୍ଦେଶ୍ୟକାରୀ ।
- ୬) ଜଳ, ପରିବେଶ ଓ ଜଳବାୟ ପରିଚାଳନା ବିଭାଗ, ଓଡ଼ିଶା ସରକାର, ଭୁବନେଶ୍ୱର ।

ଏକଦା ଅପତ୍ତ ଅବସ୍ଥିତ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାୟନ ବିବରଣୀ ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଶା ଏବଂ ଦାଖଲ କାର୍ଯ୍ୟରେ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା ଉପରୋକ୍ତ [www.ospcbord.org](http://www.ospcbord.org) ମଧ୍ୟ ନିର୍ଦ୍ଦେଶ ଦିଆଯାଇଛି।

ଏହି ବିଷୟରେ ପରିବେଶ ବିବରଣୀ ପାଇଁ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା ଆବେଦନ କାର୍ଯ୍ୟକ୍ରମ, ଉଦ୍ଦେଶ୍ୟକାରୀ ଆବେଦନ ଅଧିକାରୀ ନିମ୍ନ ଉଲ୍ଲେଖିତ ମୂଖ୍ୟ କାର୍ଯ୍ୟକ୍ରମରେ ସମସ୍ତ ପରିବେଶ ବିଷୟରେ ସୂଚନା ଦିଆଯାଇଛି।

*(Handwritten signatures and stamps)*  
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## STATE POLLUTION CONTROL BOARD, ODISHA

(Department of Forest, Environment & Climate Change Govt. of Odisha)  
Paribesh Bhawan, A/118, Nilakanthapur, Unit-VIII, Bhubaneswar-751012



No. 9930/IND-II-PH-1159

Date : 26.06.2023

### NOTICE

It is brought to the notice of all concerned that M/s Vedanta Ltd. has proposed to have Environmental Assessment for proposed Kuraloi-A North Coal Block OCP mine with production capacity of 8.0 Million TPA over ML area of 965.58 Ha. at villages Pipilimal, Dhauramunda, Kuraloi, Belpahar, Bahjan, Bartap under Lakhanpur tehsil of Jharsuguda district to obtain Environmental Clearance from Ministry of Environment, Forests & Climate Change, Govt. of India. The proponent has applied to the State Pollution Control Board, Odisha, Bhubaneswar for a Public Hearing.

By virtue of Ministry of Environment, Forests & Climate Change, Government of India Notification No. S.O. 1533 (E) Dtd. 14.09.2008, the Board has been authorized to conduct environmental public hearing and as such invites suggestions, views, comments and objections on matters relating to environmental aspects of the proposed project from all the persons including bonafide residents, environmental groups and others located at the proposed site / sites of displacement / sites likely to be affected.

For the above purpose, a person will only mean:

- Any person who is likely to be affected by the grant of Environmental Clearance.
- Any person who owns his control over the project with respect to which an application has been submitted for environmental clearance.
- Any association of persons whether incorporated or likely to be affected by the project and / or functioning in the field of environment.
- Any local authority within any part of whose limit is within the neighborhood, wherein the project is proposed to be located.

Persons as above who desire to submit their views, comments, objections etc. relevant to the project, may do so in writing within 30 days from the date of publication of this notice addressing the same to the Member Secretary, State Pollution Control Board, Odisha through Registered Post. Besides this, persons interested to submit their views relevant to the proposed project in writing or orally may also do so during the public hearing to be conducted on 01-08-2023 at 11.00 A.M in Mouza Pipilimal (over khata No.205(AJA), Plot No.1 (P), area 2.50Ac., Kisam - Patia) under Lakhanpur tehsil of Jharsuguda district.

Persons desirous of participating in the public hearing may go through the Environmental Impact Assessment (EIA) / Environmental Management Plan (EMP) of the said project which will be available at the following offices. Copy of the Executive Summary both in English & Odia also available in the following offices & the same can also be downloaded from the website [www.ospcbboard.org](http://www.ospcbboard.org) free of cost.

- District Collector's Office, Jharsuguda.
- District Industries Center, Jharsuguda.
- In the office of the Chief Executive Officer, Zilla Parishad, Jharsuguda.
- Regional Office, State Pollution Control Board, Odisha, Jharsuguda.
- Department of Forest & Environment (Environment), Govt. of Odisha, Bhubaneswar.

For any further clarification in the matter, the Regional Officer, State Pollution Control Board, Jharsuguda or the Member Secretary, State Pollution Control Board, Odisha at Bhubaneswar may be contacted.

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