

(27)

PROCEEDINGS OF THE PUBLIC HEARING FOR GRANT OF ENVIRONMENTAL CLEARANCE FOR THE PROPOSED PROJECT IRON ORE WASHING & BENEFICIATION FACILITY OF THROUGHPUT 0.48 MTPA CAPACITY OF M/S. LAVANYABATI MINERALS PVT. LTD. OVER AN AREA OF 8.150 ACRE, AT PATAMUNDA VILLAGE, KOIRA TAHASIL OF SUNDARGARH DISTRICT HELD ON DTD. 08.06.2022, AT 10.00 A.M. AT THE PLAY GROUND OF PATAMUNDA VILLAGE, TAHSIL: KOIRA, IN THE DISTRICT OF SUNDARGARH.

The public hearing of M/s. Lavanyabati Minerals Pvt. Ltd. for grant of Environmental Clearance for the proposed project Iron Ore Washing & Beneficiation Facility of throughput 0.48 MTPA capacity over an area of 8.150 Acre., At Patamunda village, Koira Tahasil of Sundargarh District was held on 08.06.2022 at 10.00 AM at village playground of Patamunda village, Tahsil: Koira in the district of Sundargarh. Sri Shiba Toppo, Additional District Magistrate, Sundargarh, supervised and presided over the Public Hearing Process. Dr. Binod Bihari Dash, Senior Environmental Scientist and Regional Officer, State Pollution Control Board, Odisha, Rourkela delivered welcome address, organized and conducted the public hearing meeting in association with District Administration. During the course of Public Hearing, the guidelines for Covid-19 has been duly followed.

The Public Hearing in respect of the above project stated as per the schedule and the venue decided by the District Magistrate in accordance with the EIA Notification S.O.1533 (E) dated 14.09.2006 and subsequent amendment therein. The State Pollution Control Board, Odisha, Bhubaneswar had advertised in newspaper in Odia daily-Pragati badi on dtd.07.05.2022 and in English daily-The New Indian Express on dtd.07.05.2022. The Public Hearing meeting with regards to date, place and time was announced in public address system apart from its publication in local dailies. The attendance sheet of the public attended the public hearing is annexed as Annexure - I. Around 285 persons had attended the public hearing meeting where as 44 persons had delivered their views whose list is annexed as Annexure II.

At the outset, Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Odisha, Rourkela welcomed the panel members 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 also explained about the importance of such hearing and also invited views, comments, objections & opinions of the public which are

necessary while considering the environmental clearance of the project and he also told that those who want to give their written statement about the proposed projects, they can do so during the public hearing process. He requested Additional District Magistrate, Sundargarh to preside over the meeting.

Welcoming the public, the panel members, Press Media, Police Officers and the assembled public in the meeting, Sri Shiba Toppo, Additional District Magistrate, Sundargarh, briefly explained the about the purpose of the public hearing about the proposed project Iron Ore Washing & Beneficiation Facility of Throughput 0.48 MTPA capacity over an area of 8.150 Acre, At: Patamunda Village, Koira Tahasil of Sundargarh District. He also described the importance of environmental impact studies carried out for the proposed project and the views, comments, objections and opinions of the public are necessary while considering the Environmental Clearance of the project. He told that the project proponent will present the summary of environmental impact studies for the proposed project for the knowledge of the Public. He invited the villagers of pattamunda villages and other nearby villages of Koira Tahasil to present their views, opinions & objections about the proposed project on environmental consideration. He also told that the public can also submit written representations. The proceeding along with video recording of the meeting will be forwarded to the Government for further decision making process for grant of Environmental Clearance. He requested the Regional Officer, SPCB, Odisha, Rourkela to carry out further proceeding of the meeting.

Regional Officer, SPCB, Odisha. Rourkela asked the representative of Project Proponent of M/s. Lavanyabati Minerals Pvt. Ltd to make a brief presentation before the public gathered in the meeting about the details of environmental impact assessment report of the proposed project in a simple summarized manner for better understanding of the Public. After getting the knowledge of the proposed project, the public could be able to prepare themselves to place their views & opinions in the meeting.

On behalf of the Project Proponent. Sri Abhimanu Behera, Director, welcomed the panel members, public and all other participants and told that M/s. Lavanyabati Minerals Pvt. Ltd. has applied for establishment the proposed project Iron Ore Washing & Beneficiation Facility of Throughput 0.48 MTPA capacity over an area of 8.150 Acre to the Government and project proponent has engaged the Kalyani Laboratories Pvt. Ltd. for conducting environmental impact assessment study. He also assured that views, opinions and raised by the public in the

(45)

meeting. Sri Jagabandhu Bisoi, representative of Kalyani Laboratories gave a brief description about the proposed project in Odia language. He explained about the details of proposed project, its environmental impact assessment, proposed mitigation measures and socioeconomic development carried out by the projects which are as follows:

- The proposed Iron Ore Washing & Beneficiation facility of throughput 0.48 MTPA capacity will be established over an area of 8.150 Acre At/ P.O-Patmunda, Koida in the district of Sundergarh, Odisha. The project is coming under category 'B1' (>20,000 TPA < 5,00,000 TPA throughput) as the throughput capacity of the beneficiation plant is 0.48 MTPA and requires environmental clearance from State Environment Impact Assessment Authority (SEIAA), Odisha under schedule 2(b) as per EIA notification 2006 and subsequent amendments.
- The proposed beneficiation plant will be located in village Patmunda, Koida of Sundergarh District over an area of 8.150 Acres. The project is located in Latitude N- 21' 52' 18.0" and Longitude E- 85' 18' 41.0" and identified in toposheet no 73G/1. NH-215 is located at a distance of 7Km, W from the project site. Nearest railway station is at Nayagarh railway station located at a distance of 13Km in the eastern direction from the project site.
- There is the presence of Suna river, Suna nala and Tehrai nala flows near the project site. Suna Nadi is located at a distance of 6 Km from the project site and Suna Nala is located at a distance of 1.5 Km from the project site. Further there are various seasonal and perennial nala exists within the study area.
- As per the satellite imagery of the land use pattern of the study area it has been found that about 48.40% of the land is covered under forest land (Open forest 17% and dense forest 31.40%), Further 20.65% of the land covered under scrub land, 0.42% waste land and 16.8% crop land. Human habitation is only contributed by 0.11% of the total land use.
- Ambient air quality monitoring was carried out in 8 different locations selected based on the wind rose pattern of the area. During the study period, the concentration of PM10 in the project site varies from 75 to 85.2 $\mu\text{g}/\text{m}^3$ and from 50.4 – 80.2 $\mu\text{g}/\text{m}^3$ in the nearby villages. The average value of PM2.5 in the project site is 20.8- 32.5 $\mu\text{g}/\text{m}^3$ and the average of PM2.5 varies from 16.7-32.5 $\mu\text{g}/\text{m}^3$ in the surrounding villages. From the ambient air quality monitoring, it has been found that

[Signature]

[Signature]

the concentrations of the particulate matter, SO₂, NO_x, are within the NAAQS standard as prescribed by CPCB.

- The water samples are collected from 5 different sampling locations including nala, river and analyzed for physical, chemical, and biological characteristics as per CPCB guidelines. Water from these sources is used for bathing and drinking purposes. The pH ranges from 6.8-8.4, Total Dissolved solids, hardness and alkalinity of surface water are moderate and do not pose any detrimental effects. Toxic metal concentration is below the detectable limits.
- From the water quality results, it can be inferred that all the parameters analyzed are under the prescribed limit as per IS 2296:1982 as per class C and though the water does not contain any pollutants which would be hazardous for human, animal or crop health, a positive coliform bacteria renders water unsafe for human consumption from a bacteriological standpoint.
- The ground water samples were collected from 7 different sampling stations & analyzed as per IS 10500:2012 to assess the portability of the ground water. Results of chemical and bacteriological analysis of water samples are classified under good class for drinking purpose with respect to total dissolved solids.
- The ambient noise levels were measured in 8 sampling locations. In the project site the day time noise level is 74.4 dB (A) and the night time noise level is 65.6 dB (A). The maximum noise level is 50.4dB (A) during the day time at Kajuridihi Village and minimum noise level is 44.2dB (A) during the day time at Podadihi Village. The maximum noise level is 39.6 dB (A) during the night time at Kriyakudar Village and minimum noise level is 29.5dB (A) during the night time at Kajuridihi Village. The noise level is found to be maximum at Kajuridihi Village.

Impact on air quality & proposed mitigation measures:

The raw material will be transported to the washing unit from Koida Iron ore mines which are at a distance of 10 km from the plant site and transported to the plant site by trucks. Assuming each truck capacity of 20 Tons total no of trips required per day will be 80. The road connecting is the black topped road and is capable of handling the increasing load. The transportation of raw material and products will be carried out through covered trucks. Daily transportation of raw material will be carried out through 20 T capacity trucks. 80 nos of trucks will be used for transport of raw material and 66 trucks will be used for transportation

[Handwritten signature]


Mitigation measures:

- There is the proposal for installation of 10nos of water sprinklers in the raw material yard, 10 nos of sprinklers in product storage area and 20nos along the internal road.
- Further there is the proposal for water sprinkling twice daily in the transporting road connecting to the plant site by a water tanker of 20 KLD capacities.
- The transporting vehicle utilized for raw material transport will be covered completely to avoid spillage and dust emission.
- Covered conveyors will be used for transfer of raw material.
- Finished product will be transported to the user agencies by covered trucks.
- There is the proposal of proper three tier green belt along the project boundary for reduction of dust and noise emission from the project area.
- Periodical monitoring of air quality to take additional measures to control the pollutants.
- Internal road will be completely paved to reduce the dust emission.
- Periodic checking of vehicles and construction machinery to ensure compliance to emission standards.
- Material carrying vehicles will be covered.
- All the raw material storage yards are under covered roof

Impact on Water Resources & proposed mitigation measures:

Plant will be in operation for 16 hours in 2 shifts. Total manpower involved at a time for complete project is around 56 numbers. Domestic wastewater to be generated from canteen, Toilet, Rest room & canteen at the tune of around 2 KLD. The domestic waste water will be discharged through soakpit via septic tank.

The slurry from all the Dewatering Screens shall be discharged to Slurry Sump. Slurry Sump shall be allowed to overflow and the overflow water shall be discharged to Jig Push Water Sump so that this water can be recycled back to the circuit as Process Water. Process water will be completely recycled through thickner, filter press and other ancillary system. Provision shall also be kept to discharge Thickener (D1) underflow to Emergency Slime Pit (D3/1) in case of breakdown or maintenance of Filter Press and will be again recycled in the process. About 28105cum/annum of rain water harvesting facilities will be provided. Taking into account of evaporation loss 10% total stored water in the pond will be 25295 m3. There is the proposal for construction of two rain water storage tanks of dimension 50 x 60 x 5 m will be constructed within the plant premises to store the



harvested quantity of rain water and for use. Total storage capacity of the tank will be 30000 Cu.m. The stored rain water can be used for plant for 200 days. For rest plant operation of 100 days water will be sourced from ground water through bore well.

Mitigation measures

- Storm water drainage system to collect surface runoff is separately connected to rain water harvesting tank.
- All effluents containing acid/alkali/organic/toxic wastes/sanitary waste is being separately stored and treated separately.
- Dewatering of sludge and appropriate disposal of solids
- Treated wastewater (such as sewage, industrial wastes, or stored surface runoffs) can be used as cooling water makeup.
- Handling, storing, and disposal of hazardous materials will be done as per rules.
- Emergency response plan will be strictly followed for accidental spills if any.

Impact of Noise on Environment

From the noise modeling it can be concluded that the noise level at a distance of 500 m (Nearest village Senegarh) from the plant boundary is 17 dBA which is very less as compare to the residential area noise standard.

Mitigation measures

Noise control measures that have been developed with reasonable success may be divided into:

- Engineering controls by noise reduction at the source.
- Isolating continuous vibration sources from the noise radiating structures by proper mounting.
- Using rubber liner bonded to the inner surface. Screens
- Use of synthetic screen surface, rubber and polyurethane effectively reduce noise level while offering exceptional resistance to abrasion.

Impact on Land use

The total land requirement is 8.15 Acres which is already acquired by the company. The topsoil scrapped during the construction phase will be stored along the plant boundary and utilized for plantation purpose. The land is already been converted to industrial land use category.

[Handwritten signature]

[Handwritten signature]

Green Belt:

The green belt will be developed over an area of 2.7 acres of the land area. The main objective of the green belt is to provide a barrier between the plant and its surrounding areas to protect the environment from pollution due to the industry. The species proposed to be planted are mainly the native species of the area. There is the proposal for increase the density of tree species from 2000- 2500 saplings per acre.

Impacts on Social Environment and proposed measures

The project will provide employment of skilled and highly skilled manpower. It is estimated that 200 numbers of workers, comprising of skilled, semi-skilled and unskilled labourers, shall be employed by various contractors at site during the construction phase. 56 nos. of persons will be employed directly and about 300 nos. of persons will be indirectly employed. Detail budgetprovisions for proposed social development Plan is as follows:

Sl. No.	Proposed social development activities	Details of Activities	Total Budget proposed in Rs Lakhs
1.	Employment generation for local people	Local employment will be given priority	--
2.	Medical Facility	Half yearly health camp for local people	6.0
		Dedicated vehicle to be used for medical emergency for local people	15.0
3.	Repair and maintenance of the road	Repair and maintenance of the road connecting Patmunda to NH 215	20.0
4.	Plantation	Plantation of saplings along the village road connecting Patmunda to NH 215	3.00
6.	Drinking water facility	One solar water system with pump and pipe supply	10.0
7.	Education facility	Support to Primary school for developmental activities (RWH, Maintenance of furniture, Toilet water supply etc as per requirement of school)	5.0
8.	Solar street light provision	Installation of solar street light in Patamunda village (20 nos)	8.00
Total			67.00

A committee will be formed consisting representatives of local villagers for consulting & carrying out overall developmental work and to address other related issues.

The Regional Officer, SPCB, Rourkelathen invited the public to register their names to put forth their views, suggestion, comments and objections on matters relating to environmental aspects of the project. Then the public deliberated on various issues one by one. which are as follows

1. Sri Meleri Barik, Patmunda President , BJP Koira Circle:

At First , He greeted all and opposed M/s. Lavanyabati Minerals Pvt. Ltd. . He reasoned that the villagers of Sana Patuli, Bada Ptuli, Sanua and Rani sala were dependant on the agriculture and the waste water from the dump of the plant will damage the agricultural land, so he strongly opposed the project.

2. Sri Krishna Barik, Patmunda :

He stated that the project proponent had already examined air & soil and impact of project along with proposed measures. The local people are dependant on the agriculture for their livelihood and the proposed measures shall be taken in a way that there will be no impact on the agriculture carried out by the local people. He will not oppose the industry but sought clarification on certain issues like industry area, waste water pond area and its treatment and source of water etc. If industry comes, employment will be generated indirectly and the income of the local people will increase. Lastly, he told that agricultural land should not be affected by the industry.

3. Sri Prafulla Barik, Patmunda:

He spoke that he will not oppose rather welcome the project but demanded fulfillment of certain issues & conditions like agricultural land should not be affected by solid waste from the industry, secondly put importance of local employment as unemployment issues were there due to closure of mines for last five years, then financial help to the local temple on monthly basis, then employment of teachers in local school and ambulance & health facilities etc. He also stated that at present there is no pollution in Patmunda village area, the industry authority should take care that no inconvenience shall be caused during travel of village people and shall construct concrete road. Lastly, he requested the project proponent should fulfill their demands.

4. Sri Bidyadhar Barik, Patmunda:

He thanked and supported M/s. Lavanyabati Minerals Pvt. Ltd.

5. Sri Ghanashyam Patra, Ex-SamatiSabhya ,Badapatuli Village :

He greeted all and welcomed the washing plant project. He told that mines had been closed since last five years, so employment will be generated with this project, education of this area will improve. He also told that agricultural land of Sana Patuli, BadaPtuli, Kajuridhi, Sanua and Ranisala villages should not be affected. Industry shall do filtration of water so that agricultural land will not be affected. They have got concrete road and it should not be damaged. Dust pollution shall be controlled by water sprinkling. Check Dams along with water filtration system shall be constructed. A committee shall be constituted for truck transportation by local villagers. He emphasized that skill development training shall be given to the women of the villages. Local development area shall be done so that they will cooperate for further expansion of small proposed washing plant. Lastly, he again welcomed the project.

6. Metu Barik, Patmunda :

He welcomed the project and demanded that agricultural land of the villages should not be affected by the industry.

7. Jogesh Panthe, Khajuridhi, Patmunda:

He stated that Adhunik mine & OM mines had been closed since last four years and poor people were in difficult circumstances. He raised the issues relating to the waste water shall be passed through 2-3 nos. of check dams & filtration process before discharging it to nallah. Farmers shall not be affected with waste water of the project. Employment should be given to the local people for labour work, mechanic or fitter work etc.

8. Kangalu Barik, Patmunda:

He spoke that he was happy for the public hearing. Agriculture was difficult due to poor irrigation and mines were closed. He also told that industry should take care about the waste water and agricultural land should not be affected by the dump water as previously caused by OM mines.

9. Sri Hemanta Kumar Barik, Patmunda:

He welcome all and said that unemployment issue should be addressed by giving employment to the local people and treatment of waste water from the industry shall be done.

[Handwritten signatures and notes]

10. Sri Karunakar Barik, Patmunda:

He greeted all and he agreed & supported the project. He raised two issues relating to education and water to be addressed by the project.

11. Sri Biranchi Barik, Patmunda :

He stated that development of some will happen with this project. So, he completely welcomed the project.

12. Sri SribasMahakud ,Patmunda:

He stated that he completely supported the public hearing of project.

13. Sri Kamal Mahakud, Patmunda:

He welcomed all and he briefly explained that how villagers were dependant agriculture for their livelihood. Hence , agricultural land should not be affected. He also showed his concern regarding unemployment issue due to closure of mines in that area. Lastly, he requested all the public representative to co-operate for running of mine & washing plant. He supported the project.

14. Sri Pravakar Barik, Patmunda

All will cooperate for the washing plant. Previous speakers have already raised the issue of damage of agriculture land by waste water of washing plant. The project proponent should take care the issue. The industry should do development of Patmunda village area. Transportation should not be carried out on private land. Employment to local people, development in education and ambulance facility to the village should be provided to Patmunda village. Lastly,he welcome the project and requested the project to take care that villagers should not face any difficulty due to the project.

15. Sri Madhusudan Naik,Bada Patuli Village:

He told that nothing is better than some thing. Mines had been closed in this area and people faced a lot of difficulties. Hence he hoped that M/s. Lavanyabati Minerals Pvt. Ltd will generate employment. The villagers were dependant agriculture for their livelihood. Hence, agricultural land should not be affected. The Company has to use water properly.

16. Sri Biswanath Das, Patmunda Village:

He spoke that there were many types of development with the proposed project. He expressed his concern regarding employment to locals to maintain their livelihood. improvement of educational institutions. higher education, status of teacher in

school, development of health facilities and ambulance. Lastly, he welcomed the proposed project.

17. Bhimen Choudhry, EX- MLA:

He greeted all the participants along with panel members and strongly supported M/s. Lavanyabati Minerals Pvt.Ltd.. He told that the project proponent shall not discharge any waste water to the agricultural land. More land shall be procured for construction of treatment plant. The development budget of Rs. 67 Lakhs shall also be used for women & local youth. Employment shall be provided to the local villagers. Transportation should be carried out by the local people. He again emphasized for the treatment of waste water and not to be discharged to the agricultural land.

18. Sri AnadiBarik ,Patmunda :

He welcomed and supported the Lavanyabatiproject.

19. Sri Bancha Barik,Patmunda

He supported the Lavanyabati project.

20. Sri Tana Kalo, Khujurdihi, Ex-Ward Member

He welcomed the Lavanyabati project.

21. Sri Tikeswar Barik, Patamunda :

He stated that people of this area mainly depend on two things one is agriculture and other is mine. Employment shall be given as per eligibility & qualification. He welcome the Lavanyabati Project.

22. Sri PravakarBarik,Patamunda:

He welcome the Lavanyabati project and washing plant will be established.

23. Sri TushanandaPadly, Patamunda:

He said that people of this area mainly depend on two things one is agriculture and other is mine. After closure of the mine, they mainly depend on agriculture. Sana Patuli, BadaPtuli, Sanua and Rani sala villages will be mostly affected by the proposed washing plant. The water from the washing plant will flow through the agricultural land. At present, they maintain their livelihood through agriculture. Hence, agricultural land should not be affected by the washing plant.

24. Dhananjaya Barik,Patamunda:

He greeted all and told that previous speakers raised the issues relating to water and agricultural land, but no one has spoken about School and College education. He demanded the development of the School, College and improved road

[Handwritten signatures and notes at the bottom of the page]

communication to the college. He also said that facilities shall be developed for sports & games for the children of this area.

25. Smt. Tejeswari Daidar, Patamunda :

At first, she welcome all. She said about Corona pandemic issues and its vaccine. She raised the issues related to unemployment of youth, drinking water problem, electricity power cut problem, transportation problem and health problem etc. She said that Company will provide school education facilities & health facilities through its CSR scheme. If they had income, then all facilities will be available by its self. Many projects had been commenced and closed and again commenced – closed, but they were facing drinking water problem during power cut. Whenever human had done development work, environment got affected like damage of soil, air pollution, water pollution and deforestation etc. There will be balance between environment and proposed plant. Many public hearing were going on , but this time she had a hope that development will happen. Rs. 64 lakh budget will be provided for developmental work by the company. The local college did not have Science steam and Honors papers, only Arts & Commerce stream was available. Lastly, she told that she supported the project but conditions apply like the issues & problems of the local people should be resolved.

26. Sri Mishra Barik, Patamunda :

He welcomed the project and said that the project proponent should take care about water & air pollution in the area. Water from the plant should not go the agricultural land. The water from the Nilachallmihnes&OM mines had been flowing to Suna Nala through agricultural land. Hence, focus shall be given to protect agricultural land by development of bund for storage of water.

27. Smt. Duthuni Oram, Taldihi:

She told that employment shall be given to the villagers. She also expressed her concern regarding vehicle facilities for her school going children during elephant passage season. She did labour class work and hence it was very difficult for school transportation of her child.

28. Sri Anadi Barik, Patmunda :

He welcomed M/s. Lavanyabati Minerals Pvt. Ltd. and plant work will be done smoothly. He said that employment shall be given to the unemployment people.

[Handwritten signature]

[Handwritten signature]

29. Sri R N Patra, Patmunda :

He supported the project and employment shall be given to their people.

30. Sribascha Kumar Barik, Patmunda :

He welcomed M/s. Lavanyabati Minerals Pvt. Ltd. and requested to resolve the issues & problems of the local people.

31. Sri Sahadeb Behera, Koida:

He completely support the washing plant of M/s. Lavanyabati Minerals Pvt. Ltd but said that the plant authority shall brief about the water requirement & source of water. Education facilities shall be developed. Adequate no. of teachers were not available in the nearby school, only two nos. of teachers were available for educating 200 nos. of student. Ambulance facilities shall be provided by M/s. Lavanyabati Minerals for transportation of patient to the medical. Ultrasound facilities were not available at Koida for treatment of mothers. He thanked the villagers of Patmunda to place their views in a peaceful manner and no police was required. About 10 nos. of people died in the road accident in the road connecting Koida. Old trees of 100 years age cut down for mines and hence plantation shall be done of 5 no. of trees against 1 no. of tree. Temperature of the area is increasing due to cutting down of trees. House for Cricket Club shall be provided and playground shall be developed. There was dust pollution in the Koida area and care shall be taken against dust pollution. Teachers shall be provided for educating the people of this area. He requested the public representative to look after the development work of this area.

32. Smt. Jasoda Barik, Patamunda:

She greeted all and said that most of the people of this area are uneducated people and seeking for financial help. Project Proponent has to help Women & SHG group and give employment to them.

33. Smt. Geetarani Barik, Patamunda:

She requested to receive the written representation.

34. Smt. Sabitri Behura, Patamunda:

She told that the plant has to help the women so that they are able to do their income. Solar system drinking water facility has to be provided so that they can get drinking water during power failure. Women can also be engaged in the transportation work along with the Boys.

[Handwritten signature]

[Handwritten signature]

35. Smt. Sakuntala Dehury, Patamunda:

She expressed his concern regarding the education of women. She welcome the project and told that plant has to provide help & assistance to the SHG group.

36. Sri Ashok Kumar Nayak, Jilla Parishad Member, Koida :

He greeted all and welcome M/s. Lavanyabati Minerals Pvt. Ltd. He told that there was unemployment issue due to closure of plant of Adhunik and people had faced a lot of problems. Employment has to be given as per eligibility criteria to Degree, Diploma & ITI local boys by direct employment. Indirect Employment, those local boys who has license, has to be engaged in transportation. Financial Assistance shall be given to the local temples. PDC teachers were now become unemployed due to closure of various mines in the area. In a district level meeting, it was decided that such teachers has to be employed through DMF and will be under District Education Officer. Educated local people may be employed for this purpose. If a beneficiation plant operates, then soild waste will go to the outside. There was a plant near kusumdihi which has been discharging solid waste to the nallah . The washing plant will source water from Sunanallah and will discharge water to the nallah in rainy season. Local Public Representative has to ensure that company shall not discharge water to the agricultural land. Company has to respond the issue.

37. Smt. Ranjulata Barik, Patmunda, President of Women Association:

She spoke that evrybody will get benefitted if the project comes. She also requested all to support the project and they were happy.

38. Smt. Sion Singron Bage , Sarpanch, Patmunda:

She told that plantation has to be carried out by the plant in available vacant spaces in Patmunda area. Care has to be taken not to discharge the water of plant to the agricultural land and when work commences, water sprinkling has to be carried out for suppression of dust. Education of the area was of very low standard. Hence fundamental education has to be made strong.

39. Smt. Urmila Dehury, Member of Samiti :

She said that care shall be taken regarding education & health. The demands raised by the villagers has to be fulfilled.

40. Sri Pandalu Naik, Patmunda

He raised the issues regarding employment to the local people and discharge of

water of the plant to the agricultural land.

41. Smt. Laxmi Barik, Patmunda:

She welcomed the project and said that demands of the villagers have to be fulfilled. People got rice free from the Govt., but price of other items for day to day domestic needs had gone very high.

42. Sri Abhinash Bage, Ex-Sarpanch :

He told that the company has to comply with the demands raised by the public in the hearing. Plantation has to be carried out in available vacant places. Lastly, he supported the proposed project.

43. Smt. Kunti Barik, Patmunda

She supported the proposed project and welcomed the public hearing.

44. Smt. Jamni Barik Patamunda :

She told that girls & women have also to be employed along with the boys.

During the public hearing, all have been given an opportunity to express their views freely on the proposed project. The video recording of the entire proceedings of the public hearing was done and is annexed herewith. About 06 nos. of written representations were received which are annexed as Annexure III and 44 nos. of persons had delivered their views. After the deliberations were made by the public, Regional Officer, State Pollution Control Board, Odisha, Rourkela summarized on the issues raised by the public and invited the project proponent to submit their response & commitments on the issues raised by the public. The summary of the views and opinions of the public and the commitments made by the project proponent are annexed in Odia language and English language as Annexure A & B respectively which were read before the audience in Odia language in public hearing meeting. Finally the meeting ended with vote of thanks to the chair, public and other participants.

Dr. Binod Bihari Dash
Senior Environmental Scientist and Regional Officer,
SPCB, Odisha, Rourkela

Sri Shiba Toppo.OAS(S)
Additional District Magistrate
Sundargarh

Additional District Magistrate
Sundargarh

ANNEXURE A

ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା ଅନ୍ତର୍ଗତ କୋଇଡା ତହସିଲର ପଟ୍ଟାମୁଣ୍ଡା ଗ୍ରାମରେ ୮.୧୫୦ ଏକର ପରିମିତ ଅଂଚଳରେ ଲାବଣ୍ୟବତି ମିନେରାଲ୍ସ ପ୍ରାଇଭେଟ୍ ଲିମିଟେଡ୍ ତରଫରୁ ପ୍ରସ୍ତାବିତ ଲୌହ ଖଣିଜ ବିଶୋଧନ ପ୍ରକଳ୍ପରୁ ବାର୍ଷିକ ୪,୮୦,୦୦୦ ଟନ୍ ବିଶୋଧିତ ଲୌହ ଉତ୍ପାଦନ ନିମନ୍ତେ ତା.୦୮.୦୭.୨୦୨୨ ଦିନ ୧୧ଟା ସମୟରେ ପଟ୍ଟାମୁଣ୍ଡା ଗ୍ରାମରେ ଅନୁଷ୍ଠିତ ପରିବେଶୀୟ ଜନଶୁଣାଣି ର କାର୍ଯ୍ୟନିର୍ବାହୀ ସାରାଂଶ :

<p>ଜନସାଧାରଣଙ୍କ ଦ୍ଵାରା ଜନଶୁଣାଣିରେ ପ୍ରସଙ୍ଗ</p> <p>ଉଠାଯାଇଥିବା</p>	<p>ପ୍ରକଳ୍ପ ପ୍ରସ୍ତାବକଙ୍କ ଉତ୍ତର</p>
<p>କ. ପରିବେଶ ସମସ୍ୟା</p>	
<p>୧. ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟା, ଜଳର ଉତ୍ପାଦନ ପ୍ରଦୂଷଣ ତଥା ଏହାର ନିରାକରଣ ପଦକ୍ଷେପ.</p>	<p>ପ୍ରସ୍ତାବିତ ଲୌହ ଖଣିଜ ବିଶୋଧନ ପ୍ରକଳ୍ପ କାର୍ଯ୍ୟକାରୀତା ପାଇଁ ବାର୍ଷିକ ୪,୮୦,୦୦୦ ଟନ୍ କଂଚାମାଲ ଆବଶ୍ୟକ ପଡ଼ିବ; ଯାହା ପ୍ରକଳ୍ପ ଅଂଚଳର ୧୦ କି.ମି. ବ୍ୟାସାର୍ଦ୍ଧ ମଧ୍ୟରେ ରହିଥିବା ଖଣି ମାନଙ୍କରୁ ଉତ୍ପାଦିତ ହେବ । ଉତ୍ପାଦିତ କଂଚାମାଲକୁ ବିଶୋଧନ ପ୍ରକ୍ରିୟା ମାଧ୍ୟମରେ ଉପଯୋଗ କରାଯିବ ଏବଂ ନିମ୍ନମତେ ଲୌହ ଖଣିଜ ଉତ୍ପାଦନ ହେବ</p> <p>ଯଥା-୧,୯୭,୮୦୦ ଟନ୍ (୧୦ mm- ୩୦ mm) ଲୌହ ଖଣିଜ ;</p> <p>୧,୯୭,୮୦୦ ଟନ୍ (୫ mm- ୧୦ mm) DRI Grade Size;</p> <p>୨୪,୦୦୦ ଟନ୍ (୧ mm- ୫ mm) ସୂକ୍ଷ୍ମ ଲୌହ ଖଣିଜ ଏବଂ ବଳକା ୩୮,୪୦୦ ଟନ୍ Tailing ପଦାର୍ଥ ୦.୪୫ ଏକର ପରିମିତ ଅଂଚଳରେ ସଂଗୃହିତ ହୋଇରଖାଯିବ । ଏହି ପଦାର୍ଥକୁ ଇଟା</p>



ANNEXURE A

	<p>ନିର୍ମାଣ କାର୍ଯ୍ୟ ତଥା ନିକଟସ୍ଥ ଖଣି ଅଂଚଳରେ ଖାଲୁଆ ଇଲାକାରେ ପରିପୁର୍ଣ୍ଣ କାର୍ଯ୍ୟ ପାଇଁ ବ୍ୟବହାର କରାଯିବ ।</p> <p>ପ୍ରକୃତ କାର୍ଯ୍ୟ ପାଇଁ ଦୈନିକ ୧୩୬ କିଲୋଲିଟର ଜଳର ଆବଶ୍ୟକତା ପଡ଼ିବ । ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟାରେ ଆବଶ୍ୟକ ପଡ଼ିବାକୁ ଥିବା ଜଳର ପୁନଃ ପ୍ରକ୍ରିୟା କରଣ ମାଧ୍ୟମରେ କାର୍ଯ୍ୟକ୍ଷମ କରିବାପାଇଁ ବର୍ଷା ଜଳ ସଂରକ୍ଷଣ ପ୍ରଣାଳୀ ଅବଲମ୍ବନ କରାଯିବ ଏବଂ ପାଣିଟାଙ୍କି ତିଆରି କରାଯିବ । ବର୍ଷା ଜଳ ସଂରକ୍ଷଣ ପ୍ରଣାଳୀରୁ ୭୬ କି.ଲି. ଜଳ ସଂଗୃହୀତ କରାଯିବାର ଯୋଜନା ଥିବାବେଳେ; ଅବଶିଷ୍ଟ ଆବଶ୍ୟକୀୟ ଜଳ ସରକାରଙ୍କ ସ୍ୱୀକୃତି ଅନୁସାରେ ନିକଟସ୍ଥ Borewell ମାଧ୍ୟମରେ ଖନନ କରାଯାଇ ସଂଗ୍ରହ କରାଯିବ ।</p> <p>ପ୍ରସ୍ତାବିତ ପ୍ରକୃତ ଅଂଚଳ ମଧ୍ୟରେ ଅନେକ ଜଳଉତ୍ସ ଅବସ୍ଥିତ ରହିଛି । ଯଥା ଖଜୁରିଡ଼ିହି ନାଳ, ଅର୍ଜଣ୍ଡା ନାଳ, ତେହେରି ନାଳ, ଏବଂ ସୁନା ନଦୀ ରହିଅଛି । ତେବେ ଉଲ୍ଲେଖନୀୟ ବିଷୟ ଯେ ପ୍ରକୃତ କାର୍ଯ୍ୟ ପାଇଁ କୌଣସି ପ୍ରାକୃତିକ ଜଳଉତ୍ସର ବ୍ୟବହାର କରାଯିବ ନାହିଁ । RWH ଏବଂ Borewell ମାଧ୍ୟମରେ ସଂଗୃହୀତ ହେବାକୁ ଥିବା ଆବଶ୍ୟକ ପରିମାଣର ଜଳ ପୁନଃପ୍ରକ୍ରିୟାକରଣ କରାଯାଇ ଉପଯୋଗ କରାଯିବ । ଏହି ପ୍ରକ୍ରିୟା ଦ୍ୱାରା ଶୂନ୍ୟ ଜଳ ନିଷ୍କାସନ (ZERO LIQUID DISCHARGE) ପ୍ରସଙ୍ଗ କାର୍ଯ୍ୟକାରି କରାଯିବାର ପ୍ରସ୍ତାବ ରଖାଯାଇଛି ।</p>
<p>୨. ବାଷ୍ପଜମିର ଅବକ୍ଷୟ ଏବଂ ନିରାକରଣ ପଦ୍ଧତି</p>	<p>ଶୂନ୍ୟଜଳ ନିଷ୍କାସନ ପଦ୍ଧତି ଅବଲମ୍ବନ କରାଯାଇ ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟା ତୁରାନ୍ୱିତ</p>

ANNEXURE A

	<p>କରାଯିବା ଦ୍ୱାରା ପ୍ରକୃଷ୍ଟ ଅଂଚଳ ମଧ୍ୟରେ ଥିବା ଜଳ ବାହାରକୁ ନିଷ୍କାସନ ହେବାର ସମ୍ଭାବନା ନାହିଁ । ଅଧିକତ୍ୱ ଆବଶ୍ୟକ ପଡୁଥିବା ଜଳକୁ ଜଡ଼ି ଏବଂ ପାଣିଟାଙ୍କି ମାଧ୍ୟମରେ ସଂଗ୍ରହ କରି ରଖାଯିବ । ବାର୍ଷିକ ବର୍ଷାଜଳ ପରିମାଣ ଅନୁସାରେ ଉପଯୁକ୍ତ ନାଲବନ୍ଧର ବ୍ୟବସ୍ଥା କରାଯାଇଛି । ବର୍ଜ୍ୟଜଳର ପ୍ରକ୍ରିୟାକରଣ କରାଯାଇ ପୁନଃ ବ୍ୟବହାରକ୍ଷମ କରାଯିବ । ଅତଏବ ଜଳ ନିଷ୍କାସନ ପ୍ରଣାଳୀ ବୈଜ୍ଞାନିକ ପଦ୍ଧତିରେ କାର୍ଯ୍ୟକାରୀ କରାଯିବ ଏବଂ ଭୂପୃଷ୍ଠ ଜଳର ଗୁଣାବତା ପ୍ରଭାବିତ ହେବନାହିଁ । କାରଖାନା ମଧ୍ୟରେ ରହିଥିବା ସମସ୍ତ ରାସ୍ତା ପକ୍କାରାସ୍ତାରେ ପରିଣତ କରାଯିବ । ଜଳପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ କରିବା ପାଇଁ ଉପସ୍ଥିତ ନାଲବନ୍ଧ, ସ୍ଥିରିକୃତ ପୋଖରି ନିର୍ମାଣ କରାଯିବ ଏବଂ କାର୍ଯ୍ୟକ୍ଷମ କରାଯିବ ।</p> <p>ନିର୍ମିତ ହୋଇଥିବା Silt Trap ଖାତ ମଧ୍ୟଦେଇ ଅତ୍ୟାଧିକ ବର୍ଷାଜଳ ସଂରକ୍ଷଣ ପୋଖରି ମଧ୍ୟରେ ପ୍ରବେଶ କରିବ ଏବଂ ଭାସିଯାଇଥିବା ପତୁକୁ RWS ମଧ୍ୟରେ ପ୍ରବେଶକୁ ରୋକା ଯାଇପାରିବ । ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟା ମଧ୍ୟମରୁ ଦୈନିକ ୩୮,୪୦୦ ଟନ୍ Tailing ନିର୍ଗତ ହେବ ଏହା ୦.୪୫ ଏକର ଅଂଚଳ ମଧ୍ୟରେ ସଂଗୃହିତ କରି ରଖାଯିବ । ଏବଂ ପରବର୍ତ୍ତୀ ସମୟରେ ଅନ୍ୟାନ୍ୟ ଆନୁସଂଗିକ କାର୍ଯ୍ୟରେ ବ୍ୟବହାର କରାଯିବ ।</p>
<p>୩. ବାୟୁପ୍ରଦୂଷଣ ଓ ଏହାର ନିରାକରଣ</p>	<p>ପ୍ରସାବିତ ଲୌହ ଖଣିଜ ବିଶୋଧନ ପ୍ରକଳ୍ପ କାର୍ଯ୍ୟକାରି ହେଲେ ନିକଟସ୍ଥ ଖଣି ଅଂଚଳରୁ କାରଖାନା ମଧ୍ୟକୁ ଆସିବାକୁ ଥିବା କଂବାମାଲ ପରିବହନ ହେତୁ ବାୟୁ ପ୍ରଦୂଷଣ ବୃଦ୍ଧି ପାଇବାର ସମ୍ଭାବନା ଅଛି । ଉତ୍ପାଦିତ ଦ୍ରବ୍ୟର ସଂରକ୍ଷଣ, ଆଦାନପ୍ରଦାନ ତଥା ପରିବହନ ଯୋଗୁଁ ବାୟୁ ପ୍ରଦୂଷିତ ହେବାର ଆଶଙ୍କା ମଧ୍ୟ ରହିଛି । Crossing Unit କାର୍ଯ୍ୟକ୍ଷମ ହେବା ସମୟରେ ଧୂଳି ନିଷ୍କାସନ ପ୍ରଣାଳୀ ଅବଲମ୍ବନ କରାଯାଇ ଧୂଳିକଣା ଜନିତ ବାୟୁ ପ୍ରଦୂଷଣକୁ ପ୍ରତିହତ</p>

ANNEXURE A


	<p>କରାଯିବ । କଂଚାମାଲ ପ୍ରେରଣା ସମୟରେ Stock Yard ରୁ ବିଶୋଧନାଗାର ମଧ୍ୟରେ Conveyor ପ୍ରଣାଳୀର ବ୍ୟବହାର କରାଯିବ । ଉଭୟ କଂଚାମାଲ ଏବଂ ଉତ୍ପାଦିତ ଦ୍ରବ୍ୟର Loading ଏବଂ Unloading ସମୟରେ ବ୍ୟବହୃତ ପରିବହନକାରୀ ଯାନବାହାନ ରାସ୍ତା ମଧ୍ୟରେ ନିୟମିତ ବ୍ୟବଧାନରେ ଜଳ ସିଂଚନ କରାଯିବ ।</p>
<p>ଖ. ନିୟୁକ୍ତି ସୁଯୋଗ</p>	
<p>୧. ସ୍ଥାନୀୟ ଲୋକଙ୍କୁ ପ୍ରାଥମିକତା ଭିତ୍ତିରେ ନିୟୁକ୍ତିର ସୁଯୋଗ</p>	<p>ପ୍ରକଳ୍ପ କାର୍ଯ୍ୟକାରୀ ହେଲେ ୫୬ ଜଣ କର୍ମଚାରୀ ନିୟୁକ୍ତି ପ୍ରାପ୍ତ ହେବେ । ନିୟମାନୁସାରେ ୮୦ ପ୍ରତିଶତ ଲୋକ ସ୍ଥାନୀୟ ଅଂଚଳରୁ ଯୋଗ୍ୟତା ତଥା ପ୍ରାଥମିକତା ଭିତ୍ତିରେ ନିୟୁକ୍ତି ପାଇବେ ଏବଂ ସ୍ଥାନୀୟ ଅଂଚଳରେ ଭିତ୍ତିଭୂମିର ବିକାଶ ଘଟିବ (ହୋଟେଲ ଶିଳ୍ପ, ଦୋକାନ ବଜାର ଆଦି ଦ୍ୱାରା ପ୍ରାୟ ୨୦୦ ଲୋକ ରୋଜଗାରକ୍ଷମ ହେବେ ।</p>
<p>ଗ. ପାରିପାଶ୍ୱିକ ଅଂଚଳର ବିକାଶ</p>	
<p>୧. ଶିକ୍ଷାର ଉନ୍ନତିକରଣ ଉପଲକ୍ଷେ ରୁକ୍ମିଣିଈକ ଶିକ୍ଷକ ନିୟୁକ୍ତି</p>	<p>ନିକଟସ୍ଥ ଗ୍ରାମୀଣ ଅଂଚଳର ମେଧାବୀ ଛାତ୍ରଛାତ୍ରୀ ମାନଙ୍କୁ ବ୍ୟବସାୟିକ ବୃତ୍ତିଗତ ଶିକ୍ଷାଦାନ ଉଦ୍ଦେଶ୍ୟରେ ରୁକ୍ମିଣିଈକ ଶିକ୍ଷାଗତ ନିୟୁକ୍ତି ଦିଆଯିବ । ନିକଟସ୍ଥ ବିଦ୍ୟାଳୟରେ ଶିକ୍ଷକ ନିୟୁକ୍ତି ପାଇଁ ସରକାରଙ୍କୁ ଅବଗତ କରାଯିବ ।</p>
<p>୨. ପାନୀୟ ଜଳର ବ୍ୟବସ୍ଥା</p>	<p>ନିକଟ ଅଂଚଳରେ ରହିଥିବା ନଳକୂପର ମରାମତି କରାଯାଇ ପାନୀୟ ଜଳ ଉପଲବ୍ଧ କରାଯିବ । ସ୍ଥାୟୀ ପାନୀୟ ଜଳ ଯୋଗାଣ ପ୍ରକଳ୍ପ କାର୍ଯ୍ୟକାରୀ କରାଯିବ । ପାଇଁ ସରକାରଙ୍କୁ ପ୍ରସ୍ତାବ ଦିଆଯିବ ।</p>
<p>୩. ରାସ୍ତାର ଉନ୍ନତିକରଣ କାର୍ଯ୍ୟକ୍ରମ</p>	<p>ପ୍ରକଳ୍ପ ଅଂଚଳ ଠାରୁ ପଟ୍ଟାମୁଣ୍ଡା ଗ୍ରାମ ପର୍ଯ୍ୟନ୍ତ ପକ୍କା ରାସ୍ତା ନିର୍ମାଣ କରାଯିବ ।</p>
<p>୪. ସ୍ୱାସ୍ଥ୍ୟ ତଥା ଡାକ୍ତର ଚିକିତ୍ସା ସୁବିଧା</p>	<p>ସ୍ୱତନ୍ତ୍ର ମଟରଯାନର ବ୍ୟବସ୍ଥା କରାଯାଇ ସ୍ଥାନୀୟ ଅଂଚଳର ଅଭାବୀ ଲୋକମାନଙ୍କୁ ନିକଟସ୍ଥ ଡାକ୍ତରଖାନାକୁ ଚିକିତ୍ସା ପାଇଁ ନିଆଯିବ ।</p>

<p>୪. ଖେଳକୁହତଥା ମନୋରଞ୍ଜନ କାର୍ଯ୍ୟକ୍ରମର ପ୍ରୋସାହନ</p>	<p>ସ୍ଥାନୀୟ ଗ୍ରାମପଞ୍ଚାୟତ ଅଧିନରେ ଥିବା କ୍ଲବ ମାନଙ୍କୁ ଖେଳସାମଗ୍ରୀ ଓ ବ୍ୟାୟାମ ସାମଗ୍ରୀ ଯୋଗାଇବାର କାର୍ଯ୍ୟକ୍ରମ ରହିଛି ।</p>
<p>୬. ସାମାଜିକ ତଥା ବିକାଶମୂଳକ କାର୍ଯ୍ୟକ୍ରମର ପ୍ରୋସାହନ</p>	<p>ସ୍ଥାନୀୟ ଅଞ୍ଚଳର ସ୍ୱୟଂସହାୟକ ଗୋଷ୍ଠୀ ମାଧ୍ୟମରେ ଉତ୍ପାଦଭିତ୍ତିକ ବ୍ୟୟ ବରାଦ କରାଯିବ ତଥା ସ୍ଥାନୀୟ ଦେବାଳୟମାନଙ୍କ ରକ୍ଷଣାବେକ୍ଷଣ ଖର୍ଚ୍ଚ ବାବଦକୁ ଆର୍ଥିକ ସହାୟତା ଯୋଗାଇଦିଆଯିବ ।</p>
<p>୭. ସବୁଜ ବନାକରଣ କାର୍ଯ୍ୟକ୍ରମ</p>	<p>ତ୍ରିସ୍ରରାୟ ବୃକ୍ଷରୋପଣ କାର୍ଯ୍ୟକ୍ରମ ପ୍ରକଳ୍ପ ସାମା ଅଞ୍ଚଳ ମଧ୍ୟରେ ଦୂରାନ୍ୱିତ କରାଯିବ । ପରିବେଶୀୟ ଓ ଔଷଧୀୟ ବୃକ୍ଷଚାରା ସମୂହ ଯଥା ଶାଳ, ଶିଶୁ, ଦେଓଧର, ନିମ୍ବ, ବାହାଡ଼ା, ଆମ୍ବ, ବକୁଳ, କଦମ ଇତ୍ୟାଦି । ନିକଟସ୍ଥ ଗ୍ରାମକୁ ସଂଯୋଗ କରୁଥିବା ରାସ୍ତା ପାର୍ଶ୍ୱରେ ଯଥେଷ୍ଟ ସଂଖ୍ୟାରେ ବୃକ୍ଷରୋପଣ କରାଯିବ । ଉପଯୁକ୍ତ ସ୍ଥାନମାନଙ୍କରେ ରାଜସ୍ୱ ବୃକ୍ଷରୋପଣ କାର୍ଯ୍ୟକ୍ରମ ଯୋଜନା କାର୍ଯ୍ୟକାରୀ କରାଯିବ ।</p>

Lavanyabati Minerals Pvt. Ltd


Director


ଅଧିକାରୀଙ୍କ ଦ୍ୱାରା ଦାଖଲ
ଆଞ୍ଚଳିକ ଅଧିକାରୀ,
ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶା
ପ୍ରାଧିକାରୀ
State Pollution Control Board, Odisha


ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ
ସୁନ୍ଦରଗଡ଼
Addl. District Magistrate
Sundargarh

EXECUTIVE SUMMARY OF THE PUBLIC HEARING FOR THE PROPOSED PROJECT IRON ORE WASHING & BENEFICIATION FACILITY OF THROUGHPUT 0.48 MTPA CAPACITY OF M/s. LAVANYABATI MINERALS PVT. LTD. OVER AN AREA OF 8.150 ACRE, HELD ON DTD. 08.06.2022, AT 10.00 A.M. AT THE PLAY GROUND OF PATAMUNDA VILLAGE, TAHSIL: KOIRA, IN THE DISTRICT OF SUNDARGARH

Sl. No.	Issues raised by the Public	Response of the Project Proponent
A. Environmental Issues		
1	Issues related to Manufacturing process, Source of Water, and Water Pollution and Pollution mitigation measures	<ul style="list-style-type: none"> • 4,80,000 T of Raw materials will be procured from the nearby mines situated within 10 km radius of the plant. The procured raw materials will be utilized and beneficiated to get 1,96,800T of (10mm-30mm) size of ore , 196,800T of (5mm-10mm) size of DRI grade Ore and 24000T of (1mm -5mm) of Iron ore fines and rest will be stored within the area 0.45 Acre inside the lease area for brick making and finally disposed in the filling of pit of nearby mines. • In order to operate the washing and beneficiation plant, 136 KLD water will be required. It is proposed to set up one Rain Water Harvesting (RWH) within the lease area with storage water tank to make use of recycled water. 76 KLD of water to be utilised from RWH while balance quantity to be used from Borewell source with necessary permission from Govt. • Within the buffer zone of lease area of Lavanayavati Minerals Pvt. Ltd., several water sources have been found including Khajuridihi Nala, Archanda Nala, Teheri Nala, and Suna River. But, it is very much clear that surface water shall not be used by the Company for its daily operation. Rather all the required quantity of water to be made use of during operation phase shall be recycled, stored and re-used. thereby signifying the concept of Zero Liquid Discharge Concept to be fulfilled.

2	Issues related to Damage of Agricultural Land	<ul style="list-style-type: none"> • The operation of the production process aims at fulfilling Zero Liquid Discharge Concept. The daily requirement of water which will be recycled through process will be properly stored in the adequate water tanks and will be utilised later on. So, there is no question of surface runoff water to be flow outside thereby polluting natural water sources. • Based on the rainfall intensity of the area, storm water drainage has been designed and connected to the storm water networks. The waste water generated will be treated and reused in the process. There will not be any discharge of wastewater into the surface water resources from the plant. Hence, the impact on the surface water quality is not envisaged. All roads inside the plant will be metal/concrete. Trunk drains (0.5 m wide & 0.5 m depth) along the internal roads will be created. All the drains will be interlinked with higher size drain 1 m wide & 1 m depth with intermittent settling ponds of (5x5x3m) that will be connected to the storm water reservoir. The contaminated particle matters will be deposited as slurry to bottom of settling tanks. • Excess water during heavy rainfall will be discharged into the rain water harvesting pond through silt trap pits to prevent washed silt from plant to enter the rain water harvesting pond. • 38400 TPA quantity of Tailing will be generated out of the process of production which will be stored within the area 0.45 Acre inside the lease area.
3.	Air Pollution Control Measures	<p>During the operation phase of Iron Ore Beneficiation potential sources of air pollution will be mainly due to the Transportation of raw material from the mines to the beneficiation unit.. Dust generation during storage and handling of raw material and Stock piling of iron ore fines after washing.</p>


 Date: _____
 Page: _____

Annexure-B

		<ul style="list-style-type: none"> • In order to control the air pollution in the crushing unit, necessary dust extraction system will be installed. Conveyor to be covered fully while shifting the raw material from the stock yard to washing unit. • During loading and unloading of raw material and finished product and during transportation of the same, covered tarpaulin will be used in the stock yard and on the vehicles. Moreover, regular water sprinkling will be used pouring water to the haul road and internal roads.
B. Employment		
1	Employment of local youths / villagers on priority basis in the Mines.	<ul style="list-style-type: none"> • The Company requires 56 nos. of personnel to be engaged during operation phase. As per law, up to 80% of total employment, the local population to be employed in the Company on priority basis. However, with the commencement of mining and allied activities in the area, indirect benefits will be obtained through setting up of infrastructural upgradation like hotel industry, telephone and communication development thereby accommodating more than 200 manpower to be benefited and will be earning their livelihood.
C. Peripheral developmental Issues		
1	Appointment of Tutors for the improvement of Education	Qualified tutors will be provided on periodical basis in the villages to impart Professional training and education to bonafide students. The Company will take up the issue of appointment of teachers in the local schools in the proper forum.
2	Drinking water supply	The Company proposed to set up drinking water facility in the local area by repairing the existing tube wells. For permanent water pipe line, Govt. authorities to be approached and see the availability realised to the local people.

Annexure-B

3	Road Development	From the lease area connected to Patamunda village, pucca road development is proposed to be made by the Company.
4	Health and medical facility	Dedicated medical van to be provided in the local area for the needy people for transportation of medical treatment to the nearby hospital.
5	Promotion of Sports and Recreational Activities	Sports kits and instruments proposed to be distributed to the local club under the behest of Gram Panchayat.
6	Promotion of Social and Developmental Activities	SHG formulated in the local area will be assisted on the product base expenses. Local village temple will get financial assistance towards repair works.
7	Gross Plantation activities.	Three-layer plantations along the boundary to be completed during the operational phase. Environmental and medicinal trees such as Sal, Sishoo, Deodhar, Teak, Neem, Bahada, Mango, Bakul, Kadam, etc. Likely to be planted. There is further provision of Gross Plantation around the connecting road to the villages. Increase in avenue plantation along the approach road and open spaces near the project site.

Lavanyabati Minerals Pvt. Ltd

[Signature]
Director

[Signature]
Dr. B. B. Dash
Regional Officer,
SPCB, Odisha, Rourkela

File No. 10101
State Pollution Control Board
ROURKELA

[Signature]
Sri Shiba Toppo, OAS(S)
Additional District Magistrate
Sundargarh

Dist. District Magistrate
Sundargarh



ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶା



(କଙ୍ଗଲ ପରିବେଶ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର)

ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକଣ୍ଠ ନଗର, ୟୁନିଟ୍-୮

ଭୁବନେଶ୍ୱର-୭୫୧୦୧୨

ସଂଖ୍ୟା-7755/IND-II-PH-1014

ତାରିଖ: ୦୪.୦୫.୨୦୨୨

ବିଜ୍ଞାପନ

CAD-428: ଏତଦ୍ୱାରା ସମସ୍ତଙ୍କ ଅବଗତ ନିମନ୍ତେ ଜଣାଇ ଦିଆଯାଉଅଛି ଯେ, ନେତୃତ୍ୱ ଭାବେ ଲାବଣ୍ୟବତୀ ନିକେରାଲସ୍ ପ୍ରାଇଭେଟ୍ ଲିମିଟେଡ୍, ଓଡ଼ିଶା ର ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା, ବୋଇଡ଼ା ଚହସିଲ ଅନ୍ତର୍ଗତ ପଟ୍ଟାମୁଣ୍ଡା ଗ୍ରାମରେ ୮୧୫୦ ହେକ୍ଟର ପରିମିତ ଅଞ୍ଚଳରେ ଆଇରନ ଓର ଖାଣିର ଏକ ବେଡେପିସି ଏସ୍ ଆଇଆଇଏ ପ୍ରକଳ୍ପ ପାଇଲିଟି ଖନନା ୦.୪୮ ଏକ୍ସପ୍ଲୋରେଟିଭ୍ ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ କର୍ତ୍ତୃପକ୍ଷ (State Environment Impact Assessment Authority), ଓଡ଼ିଶା ଦ୍ୱାରା ପରିବେଶୀୟ ମହତ୍ତ୍ୱ ବିନିମ୍ନ ଆବଶ୍ୟକ ପଦକ୍ଷେପ ସର୍ବସାଧାରଣ ଶୁଣାଣି ନିମନ୍ତେ ଓଡ଼ିଶା ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡକୁ ଆବେଦନ କରିଛନ୍ତି।

ଭାରତ ସରକାର ପରିବେଶ, ଜଙ୍ଗଲ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତ୍ରାଳୟର ପରିବେଶୀୟ ମହତ୍ତ୍ୱ ବିନିମ୍ନ ଆବଶ୍ୟକ ପଦକ୍ଷେପ ସର୍ବସାଧାରଣ ଶୁଣାଣି ନିମନ୍ତେ ଅଧିକାରୀଙ୍କୁ ଏବଂ ଓ.୧୫୩୩ (ଇ), ଡା ୧୪ ୦୯ ୨୦୦୬ ଅନୁଯାୟୀ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶା, ଭୁବନେଶ୍ୱରକୁ ସର୍ବସାଧାରଣ ଶୁଣାଣି କରିବାର ଖନନା ପ୍ରଦାନ କରିଛନ୍ତି। ଏହି ନିମନ୍ତେ ବୋର୍ଡ, ସର୍ବସାଧାରଣଙ୍କ ସମେତ ପ୍ରକୃତ ଅଧିକାରୀ, ପରିବେଶୀୟ ସଂସ୍ଥା ଏବଂ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ସ୍ଥାପନ ହେଉଥିବା ସ୍ଥାନରେ ଜନସଭା, ପ୍ରକଳ୍ପ ଯୋଗୁଁ ଉତ୍ପନ୍ନ ହେଉଥିବା କାର୍ଯ୍ୟ, ପ୍ରକଳ୍ପ ଯୋଗୁଁ ପ୍ରଭାବିତ ହେଉଥିବା ବାସିନ୍ଦାମାନଙ୍କଠାରୁ ପ୍ରକଳ୍ପ ସ୍ଥାପନ ଯୋଗୁଁ ପରିବେଶୀୟ ପ୍ରଭାବ ସମ୍ବନ୍ଧୀୟ ପ୍ରଶ୍ନ, ମତାମତ, ମତ୍ତ୍ୱ ଓ ଆପତ୍ତି ପତ୍ର ଆହ୍ୱାନ କରୁଛନ୍ତି। ଏହି ନିମନ୍ତେ ବ୍ୟକ୍ତିଗତ ଅର୍ଥ କେବଳ ନିମ୍ନଲିଖିତ କୃତ୍ୟପାଠକ:

- (କ) ପରିବେଶୀୟ ମହତ୍ତ୍ୱ ବିନିମ୍ନ ଆବଶ୍ୟକ ପଦକ୍ଷେପ ସର୍ବସାଧାରଣ ଶୁଣାଣି ଯେ କୌଣସି ବ୍ୟକ୍ତି।
- (ଖ) ପ୍ରକଳ୍ପ ସମ୍ବନ୍ଧିତ ପରିବେଶୀୟ ମହତ୍ତ୍ୱ ବିନିମ୍ନ ଆବଶ୍ୟକ ପଦକ୍ଷେପରେ ଚର୍ଚ୍ଚା ଉପରେ କର୍ତ୍ତୃତ୍ୱ କାର୍ଯ୍ୟ କରିପାରୁଥିବା କୌଣସି ବ୍ୟକ୍ତି ବିଶେଷ।

- (ଗ) ପରିବେଶ କ୍ଷେତ୍ରରେ କାର୍ଯ୍ୟ କରୁଥିବା କିମ୍ବା / ଏବଂ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ଦ୍ୱାରା ପ୍ରଭାବିତ ହେଉଥିବା (ପଞ୍ଜିକୃତ ବା ଅଣପଞ୍ଜିକୃତ) ଯେ କୌଣସି ବ୍ୟକ୍ତି ସମ୍ବନ୍ଧୀୟ ସଂସ୍ଥା।

- (ଘ) ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପର ସ୍ଥାନୀୟ ସାମାଜିକ ନିକଟବର୍ତ୍ତୀ ଅଞ୍ଚଳରେ ଯେ କୌଣସି ସ୍ଥାନୀୟ କର୍ତ୍ତୃପକ୍ଷ।
- ଉପରୋକ୍ତ ବ୍ୟକ୍ତିମାନେ ସେମାନଙ୍କର ପ୍ରସ୍ତାବ, ମତାମତ, ମତ୍ତ୍ୱ ଏବଂ ଆପତ୍ତି ଉତ୍ତରାଦିକୁ ସଦସ୍ୟ ସଚିବ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶାକୁ ଲିଖିତ ଆକାରରେ ଏହି ବିଜ୍ଞାପନ ପ୍ରକାଶନର ୩୦ ଦିନ ମଧ୍ୟରେ ରେଜିଷ୍ଟ୍ରି ତାଙ୍କ ଯୋଗେ ଜଣାଇ ପାରିବେ। ଏହାଛଡା ଉକ୍ତ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ଉପରେ ଲିଖିତ ବା ମୌଖିକ ଭାବେ ମତାମତ ଦେବା ପାଇଁ ଉକ୍ତ ବ୍ୟକ୍ତିମାନେ ଟା.୩.୦୬.୨୦୨୨ ରିଖି ଦିନ ୧୦.୦୦ ଘଟିକା ସମୟରେ ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା, ବୋଇଡ଼ା ଚହସିଲ ଅନ୍ତର୍ଗତ ପଟ୍ଟାମୁଣ୍ଡା ଗ୍ରାମ ସ୍ଥିତ କ୍ଷେତ୍ରପଞ୍ଜି ଆକର ରେ ଧାର୍ଯ୍ୟ ସର୍ବସାଧାରଣ ଶୁଣାଣି ସମୟରେ ମଧ୍ୟ ଉପସ୍ଥାପନ କରିପାରିବେ।

ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ବିଷୟରେ ବିଷୟ ଭାବରେ ଜାଣିବା ପାଇଁ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ ବିବରଣୀ (Environmental Impact Assessment) ଏବଂ ଏହାର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଇଂରାଜୀ ଭାଷାରେ ନିମ୍ନଲିଖିତ ସ୍ଥାନମାନଙ୍କରେ ମିଳିପାରିବ।

- ୧. ଜିଲ୍ଲାପାଳଙ୍କ କାର୍ଯ୍ୟାଳୟ, ସୁନ୍ଦରଗଡ଼।
 - ୨. ଜିଲ୍ଲା ଶିଳ୍ପ କେନ୍ଦ୍ର, ସୁନ୍ଦରଗଡ଼।
 - ୩. ଜିଲ୍ଲା ପରିଷଦ ମୁଖ୍ୟ ନିର୍ବାହୀ ଅଧିକାରୀ, ସୁନ୍ଦରଗଡ଼।
 - ୪. ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳୟ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶା, ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକଣ୍ଠ ନଗର, ଭୁବନେଶ୍ୱର-୭୫୧୦୧୨।
 - ୫. ଅଞ୍ଚଳିକ କାର୍ଯ୍ୟାଳୟ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ରାଉରକେଲା।
 - ୬. କଙ୍ଗଲ ପରିବେଶ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର, ଭୁବନେଶ୍ୱର।
- ଏତଦ୍ ବ୍ୟତୀତ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ ବିବରଣୀର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଇଂରାଜୀ ଭାଷାରେ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶାର ୱେବସାଇଟ www.ospcboard.org ରୁ ମଧ୍ୟ ମିଳିପାରିବ।

ଏ ବିଷୟରେ ସବିଶେଷ ବିବରଣୀ ପାଇଁ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶାର ଅଞ୍ଚଳିକ କାର୍ଯ୍ୟାଳୟ, ରାଉରକେଲା ସ୍ଥିତ ଅଞ୍ଚଳିକ ଅଧିକାରୀ କିମ୍ବା ଭୁବନେଶ୍ୱରସ୍ଥିତ ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳୟରେ ସଦସ୍ୟ ସଚିବଙ୍କ ସହ ଯୋଗାଯୋଗ କରାଯାଇପାରେ।

ସ୍ୱା/- ସଦସ୍ୟ ସଚିବ
OIPR-98012/11/0052/2223

Handwritten signature and date: ୧/୫-୫-୨୨ ସୁନ୍ଦରଗଡ଼



STATE POLLUTION CONTROL BOARD, ODISHA

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



No. 7748 / IND-II-PH-1014

Date 04.05.2022

NOTICE

CAD - 429: It is brought to the notice of all concerned that M/s Lavanyabati Minerals Pvt. Ltd. has proposed to have Environmental Assessment for Iron Ore Washing & Beneficiation facility of throughput of 0.48 MTPA capacity over an area of 8.150 ha. at Patamunda village under Koira Tehsil of Sundergarh District to obtain Environmental Clearance from State Environment Impact Assessment Authority (SEIAA), Odisha. 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. 14.09.2006, 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 local limits is within the neighborhood, wherein the project is proposed to be located.

Persons as above who des ire 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 08-06-2022 at 10.00 A.M Play Ground of Patamunda Village under Koira Block of Sundargarh 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 is also available in the following offices & the same can also be downloaded from the website www.ospcboard.org free of cost.

- District Collector's Office, Sundargarh.
- District Industries Center, Sundargarh.
- In the office of the Chief Executive Officer, Zilla Parishad, Sundargarh.
- In the Head office of the State Pollution Control Board, Odisha, Pariyesh Bhawan, A/118, Nilakanthanagar, Unit - VIII, Bhubaneswar - 12.
- Regional Office, State Pollution Control Board, Odisha, Rourkela.
- Department of Forest & Environment (Environment), Govt. of Odisha, Bhubaneswar

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

Sd/- MEMBER SECRETARY

OIPR- 08012/11/0051/2223

The New Indian Express 4-7-22