

PROCEEDINGS OF PUBLIC CONSULTATION (HEARING) OF ADAGHAT IRON ORE MINES OF M/S NATIONAL ENTERPRISES HELD ON DTD.21-12-2021 (11.00 AM) AT OPEN GROUND NEAR HANUMAN TEMPLE IN ADAGHAT VILLAGE OF MALDA GRAM PANCHYAT UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)

The public hearing meeting for Adaghat Iron Ore Mines of M/s National Enterprises (over an area of 15.074 Ha.) was conducted on dtd. 21.12.2021 at 11.00 A.M for production of iron ore from 0.3Million TPA to 0.7Million TPA and installation of 2X150TPA capacity of mobile crushing and 2X250TPH capacity of mobile screening plant at open Ground near Hanuman Temple in Adaghat Village of Malda Gram Panchayat Under Koira Block in the District of Sundargarh. Sri Riswajit Mohapatra, Additional District Magistrate of Sundargarh had presided over the meeting. At the outset, Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Odisha, Rourkela delivered welcome address, organised and conducted the public hearing meeting in associating with District Administration.

The Public hearing in respect of the above mining was held as per the scheduled and at the venue in accordance with EIA Notification S.O.1533(E) dtd.14.09.2006 and subsequent amendment therein. 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 process followed for the public hearing was adequate. The attendance sheet of the public present in the sheet of the public present in the meeting is annexed herewith in **ANNEXURE-I**. Around 100 nos. of persons attended the public hearing meeting. 73 Nos. of persons have signed in attendance sheet. Fifty two (52) nos. of persons had delivered their views whose list and their signature is given on **ANNEXURE-II**. Fifty Four (54) no. of written representation was received is given on **ANNEXURE-III**.

Sri Biswajit Mohapatra, Additional District Magistrate, Sundargarh had welcomed the Public & 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 also those who wants may give their written statement about the proposed projects. He had also reminded / request the public to follow the COVID-19 guidelines on wearing the mask and on maintaining the social distance that has been issued by the Govt. during Public hearing.

After that Additional District Magistrate, Sundargarh had invited the representative of project proponent of Adaghat Iron ore mines of M/s National

Enterprises and Sri Sachikanta Behera, Assistant General Manager (Mines), had briefed about the proposed mining activities for production of iron ore mines, salient features of the proposed project and Environmental Management Plan, Pollution Control Measures to be adopted during mining operation, Blasting procedure, Plantation Programme and various other peripheral development activities etc. to be carried out during the course of mining.

#### DETAILS OF THE PROJECT PROFILE:-

The brief outline of the EIA (Environment Impact Assessment) and Environment Management Plan (EMP) has been carried out for Adaghat Iron Ore Mine for Mining of Iron Ore with Production Capacity of 0.7 MTPA (ROM) with Two numbers of 150 TPH mobile Crushing Unit and two numbers of 200 TPH of Mobile Screen Unit by NATIONAL ENTERPRISES over an Area of 15.074 Ha. at Village – Adaghat of District Sundargarh, Odisha.

To obtain Environmental Clearance of Adaghat Iron Ore Mine CEMC Pvt. Ltd., a NABET & NABL Accredited Environmental Consultancy, Bhubaneswar was engaged for preparation of EIA/EMP of the project.

Accordingly CEMC Pvt. Ltd., Bhubaneswar has prepared the EIA/EMP report with following baseline data.

#### DETAIL SALIENT FEATURE OF THE PROPOSED MINING PROJECT (AS PER REPORT SUBMITTED IN EXECUTIVE SUMMARY )

1. **Name of the Mines-** Adaghat Iron Ore Mine of National Enterprises
2. **Name of the Product-** Mining of Iron Ore with Production Capacity of 0.7 MTPA (ROM) with Two numbers of 150 TPH mobile Crushing Unit and two numbers of 200 TPH of Mobile Screen Unit
3. **Location/Name of the Village is present-** Adaghat of District Sundargarh,
4. **Tehsil-** Koirā of Sundargarh district.
5. **Total proposed lease hold-**15.074 ha. DLC forest land in Bonai Forest Division, District Sundargarh)
6. **Nearest Town-** Koirā at a distance of approx. 8.0 km
7. **Nearest Road-** NH-215 is about 8.0 km in the Western direction
8. **Nearest River-** Seasonal stream & Pond, Suna Nadi (300 m E), Teherai Nala (3.0 km Southern Direction)
9. **Nearest Railway Station-** Barbil Railway Station is about 28 km in the NE direction.
10. **Production Quantity-** Enhancement in Production of Iron Ore from 3, 00,300 (0.3 million) TPA to 7, 00,005 (0.7 million) TPA ROM with total excavation of 1.024 million TPA (ROM of 0.7 million TPA + 0.324 million TPA waste), Setting up two mobile

Crushers of 150 TPH capacity each and two mobile Screening Plants of 250 TPH capacity each

PROJECT OUTLINE:-

Adaghat Iron Ore Mines located at Village – Adaghat of District Sundargarh, Odisha (Mining Lease Area: 15.074 Ha.) belong to NATIONAL ENTERPRISES.

The Salient features of Environmental Clearance of Adaghat Iron Ore Mines for Mining of Iron Ore with - Enhancement in Production of Iron Ore from 3,00,300 (0.3 million) TPA to 7,00,005 (0.7 million) TPA ROM with total excavation of 1.024 million TPA (ROM of 0.7 million TPA + 0.324 million TPA waste), Setting up two mobile Crushers of 150 TPH capacity each and two mobile Screening Plants of 250 TPH capacity each as follows: - (As per the Executive Summary Report stated by CEMC Pvt. Ltd., Bhubaneswar.)

- a) This project falls under 'Category B' of Project Type 1(a) - Mining of Minerals which requires Environmental Clearance (EC) from SEAC, Odisha before the commencement of any activity.
- b) The existing area comprises 15,074 Ha DLC lands.
- c) Method of mining will be Fully Mechanized Open Cast Mining with crushing and screening
- d) The annual production is targeted at Production of Iron Ore from 7,00,005 (0.7 million) TPA ROM with total excavation of 1.024 million TPA (ROM of 0.7 million TPA + 0.324 million TPA waste), Setting up two mobile Crushers of 150 TPH capacity each and two mobile Screening Plants of 250 TPH capacity each. The lump ore (10-40 mm) and fines (-10mm) will be segregated in the Crushing / Screening Plant.
- e) The mineable reserve of iron ore in the lease area is 71,886,002 MT or 71.89 million tons. In the ensuing plan period about 3.949 million ton will be exploited. Keeping in view the production of iron ore 0.7 million ton per annum, life of the mine will be 08 years as per the current plan period. However, the life of mine is likely to increase with further exploration of lease to G1 level of exploration.
- f) The Soil to be extracted will be stacked in the earmarked area, which will be used for plantation purpose around hillock/ patch and adjacent to the haul roads.
- g) It is a part of Survey of India Topo sheet No. 73G/5 on 1:50,000 scale and is bounded by the Latitudes from 21° 55' 25.22002" to 21° 55' 43.04502" N and Longitude 85° 19' 07.43920" to 85° 19' 48." E. as per DGPS surveyed Geo-Referenced Map authenticated by officials of the Revenue, Forest and Mining Department as well as Odisha Space Application Centre (ORSAC), Department of Science & Technology, Govt. of Odisha.
- h) The major drainage of the area is contributed by Suna Nadi. There is no seasonal nala flowing within the lease area.

- i) Average water requirement at mine for mine use are to the tune of 30m<sup>3</sup>/day. The mine has obtained permission for use of Surface water for DOWR Govt. of Odisha for 30m<sup>3</sup>/day from Suna Nala.
- j) The mining operation including maintenance will be done in General shift only.
- k) Power requirement is 18 KW. Permission for the same was obtained from Odisha State Electricity Board (OSEB) in the year 2019. 01 No DG sets of 5 KVA will be used for emergency backup.
- l) The proposed area does not contain any features any archeological / historical and cultural importance.

**PRESENT CLIMATIC CONDITION AND ENVIRONMENT FEATURES OF THE PROPOSED MINING AREA:-**

Following are the base line study reports of **CEMC Pvt. Ltd.**, Bhubaneswar w.r.t. present Environment Scenario.

**Climate and Metrology-**

The regional climate of the study area is sub-tropical in nature characterized by hot summer, followed by heavy rain during monsoon and cold winter. The climate is comparatively pleasant after the monsoon sets in and mild winter sets in early November. In this region winter prevails in the months of January when mercury drops below minimum of 50C and in the month of May the day temperature rises to maximum of 42°C. The summer starts from middle of March and lasts till the middle of June. The region boasts of a high average annual rainfall of 1534.5mm because of the south western monsoon. The meteorological data were collected from nearest IMD station at Keonjhar & field observation.

**A. Ambient Air Quality-**

To quantify the impact of the Adaghat Iron Ore Mining Project on the ambient air quality (AAQ), it is necessary to evaluate the existing ambient air quality. The existing ambient air quality, in terms of Particulate Matter- PM10 (size less than 10µm), Particulate Matter- PM2.5 (size less than 2.5 µm), Sulphur Dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>), etc have been measured through a planned field monitoring and analysed. The sources of air pollution in the area other than mining units are like vehicular traffic, dust arising from unpaved village roads and domestic fuel burning.

**B. Noise Quality-**Noise levels were measured using integrated sound level meter manufactured by Quest Technologies, USA which is an integrating/ logging type with Octave filter attachment (model OB-100) and has frequency range from 31.5 to 16000 Hz. At 8 each noise monitoring station, noise level as Leq was recorded on an hourly basis for 24 hours continuously. Minimum and maximum noise levels recorded during the month of Dec-19 the day time were from 36.6 dB(A) Leq in Mine Lease Boundary and 67.8 dB(A) Leq in Adaghat respectively and minimum and maximum level of noise during night time were 35.0 dB(A) Leq in Mine Lease Boundary and 61.7 Leq dB in Alaghat respectively. In the month of Jan-20 Minimum and maximum noise levels recorded in day time as 32.4 dB(A) Leq in Mine Lease Area and 61.8 dB(A) Leq in Adaghat and minimum & maximum level noise levels in night time is 31.0 dB(A) Leq in

Mine Lease Area and 58.1 dB (A) Leq in Alaghat for the month of Feb-20 Minimum and maximum noise levels recorded during day time as 33.7 dB(A) Leq in Mine Lease Area and 61.3 dB(A) Leq in Alaghat and minimum and maximum level noise levels in night time as 30.6 dB(A) Leq in Mine Lease Area and 52.8 dB(A)Leq in Adaghat.

#### Water Quality-

Facilities for monitoring both surface run-off water and ground infiltration will be provided periodically. Ground water and surface water bodies will be monitored and will be fully analyzed for the parameters specified by State Pollution Control Board, Odisha. The monitoring schedule for water quality analysis is given below. Ground water monitoring around the mines will be conducted in every three months for any change in ground water quality due to any impact of the mine's operation on outside environment.

#### Monitoring Schedule for Water Quality

Monitoring season Pre-Monsoon (during the month of May)

Monsoon (during the month of August)

Post-Monsoon (during the month of November)

Winter (during the month of February)

#### Monitoring locations

Core zone

Office Building

Buffer zone

#### Water Bodies

1. Suna nala near Adaghat (surface water)
2. Teherei Nala near village Teherei (surface water)
3. Adaghat village (Ground water)
4. Girhei village (Ground water)

Monitoring frequency once in a season

Monitoring parameter As per SPCB Guideline

Soil Quality Soil Sampling is based on agriculture field available in the study area. Composite sampling is done following BIS method of 8 locations. Mostly the soils collected from different location in the study area is low in productivity with the organic carbon content low or average sufficient in most locations except in the Near Karo River and more than sufficient in potassium content. Available Nitrogen in location Near Karo River is sufficient and in Gopisahi it is better but in rest of the locations it is good; the phosphorous content is less and very less in locations and Mines Lease Area respectively and in the rest of the locations it is medium. It is concluded from the analysis that in general the soil is not suitable for plantation and agricultural crops. However, through extensive application of nitrogenous and phosphate fertilizers as well as compost, the same can be made suitable for plantation and agricultural crops.

#### Biological Environment-

The leasehold of Adaghat iron ore mines is completely on DLC forest land. The study area has mostly dry deciduous forest towards eastern, northern & western part. Most of the forest blocks are mainly dry tropical deciduous type with good growth of Sal forest. The principal associates of Sal in this type of forests are Asan (*Terminalia alata*), Bahada (*Terminalia bellirica*), Siddha (*Lagerstroemia parviflora*), Dhaura (*Anogeissus latifolia*), Jamu (*Syzgium cumini*), Amba (*Magniferra indica*), Kusum (*Schleichera oleosa*), etc. During the survey of the core & buffer zone, no endangered or rare plant species were observed. As such from floristic stand point, the study area cannot be considered as unique site. As per the IUCN red list for threatened species, no species in the study area are coming under rare, endangered

or threatened category. Both direct and indirect observation methods were used to survey the fauna in the study area. Animal life is mostly represented by Jackal, Monkey, Rabbit, Mongoose, etc whereas birds are represented by Crow, Cuckoo, Dove, Jungle Fowl, etc. There is no national park, biosphere reserve, sanctuary, habitat for migratory birds, archeological site, defense installation, airports within 10 km of the periphery of the lease. However, due to presence of Sloth Bear, Elephant (some Schedule- I species), a Site Specific Conservation Plan has been prepared with a budgetary provision of Rs 290.40 lakhs; which has been approved by the PCCF (Wildlife) vide Memo no. 4763/1WL(C)SSP-348/2012, dt 12th May, 2014.

#### *ENVIRONMENTAL IMPACT ASSESSMENT (EIA)*

##### **A. Land environment and Land use:**

###### **Impact:**

Due to open cast mining and mining with dumping of waste, the land of the area usually degraded. Mining activity has a profound impact on land environment due to formation of quarries and dumps.

- The mining activity will not have any significant impact on the agriculture within the lease area.
- The topsoil in the active mining area will be adversely affected. However during the mining operation the top soil will scrap out and separately kept for plantation purpose.
- The mine runoff in this mine is not contaminated except carrying high suspended particle.
- The mine runoff will only contain silt and soil and will be settled before discharge outside to the lease area.
- There is also positive impact of mining on agriculture, as sufficient water is being discharged from the mine, which can be utilized for irrigation purpose, increasing the productivity.

###### **Mitigation Measures**

Adopting suitable, site-specific mitigation measures can reduce the degree of impact of mining on land environment. The proposed mitigation measures are as follows:

- A nursery will be developed in the lease area or outside depending upon the availability of fertile land suitable for growth of seedlings. Otherwise, saplings will be purchased from the forest department. Final mine closure plan will be implemented properly to develop the aesthetics of the M.L area.
- Runoff from the mine and waste dumps should be regulated by constructing retaining wall and garland drains around the dump.
- Mine drainage water will settled in the settling tank and stored in the abandoned quarries
- Garland drains and retaining wall will be provided to prevent run off affecting the surrounding agricultural land.

##### **B. Air Quality:**

## Blasting & Transportation of Vehicles

### Control Measures:

- Overburden/ waste will be dumped. R.O.M iron ore will be transported to the crushing & screening site for sizing. Average distance / lead between the quarry and disposal/unloading sites are assumed to be 1 km. saleable ore obtained from the crusher/screen will be dispatched to the destination through trucks contractually. All the transportation trucks will be covered by tarpaulin.
- Dust suppression by water spraying
- Green belt development along the safety zone.
- No blasting shall be done when the sky is cloudy.
- Control blasting methods will be adopted for blasting to reduce vibration, noise as well as fly rocks.
- Blasting will be avoided during high wind periods where the fine dust is carried away easily affecting the ambient air quality.
- Delay Detonators and controlled blasting techniques will be used to keep the dust, noise as well as vibration level within the prescribed limits.
- Maximum use of rock breakers to avoid drilling and blasting.
- Regular water sprinkling engaging pressurized water sprinkler on the feeder roads, haul roads, working face & areas prone to air pollution such as loading & unloading points for dust suppressions. Pressurized water sprinkler will be deployed.
- Periodical maintenance of HEMM / vehicles for controlling Vehicular emissions and conducting emissions tests using diesel smoke meter equipment.
- Transport vehicles will be covered with tarpaulin during transportation to avoid spillage and generation of dust.
- Speed of moving dumpers and other vehicles running in the mine will be limited to moderate speed (25km/hour) to prevent undue noise as per DGMS circulars.
- Providing Water sprinkling arrangement in Loading & unloading points.
- Installation of water sprayer arrangement at screening & crushing unit as well as loading & unloading point for dust suppression.
- The products shall be discharged through chutes and the bottom of the chute will be maximum 3 m from the ground level.
- Fixed auto sprinklers shall be provided in the stockyard of products.

### Noise Quality

10/01/2018

Agency: Blasting & Transportation of Vehicles

#### Control Measures:

- Secondary blasting will be minimized to the extent possible;
- Systematic blasting with proper spacing, burden and stemming will be carried out.
- Minimum quantity of detonating fuse will be consumed by using non-electrical initiation system;
- Blasting will be carried out during favorable atmospheric conditions and also when human activities are at their minimum;
- Prime movers/diesel engines will be properly maintained;
- Development of thick green belt along the mine lease boundary to attenuate noise;
- Personal Protective Equipment (PPE) like ear muffs/ear plugs will be provided to the operators of HEMM and persons working near HEMM producing high levels of noise will be made; and
- Exposure time of workers to the higher noise levels would be minimized.
- Isolation/enclosure of noisy machines/equipment, wherever possible.
- Reducing idling time of machines/ equipment's.
- Provision of enclosures, silencers, etc to the possible extent to control noise propagation.
- Use of adequate silencers and practicing speed limit for material transport vehicles
- Periodic maintenance of village road used for mineral transport
- Plantation along mineral transport roads
- Periodic monitoring of work zone noise levels and ambient noise levels in the mine lease area and in nearby villages to assess the efficacy of noise control measures and adoption of additional noise control measures, if required.

#### Ground vibration & fly rock control measures:

- Blasting will be performed strictly as per the guidelines specified under blasting technology;
- Proper design of blast based on the site conditions to control fly rocks
- Adoption of muffled blasting technology on top benches near mine lease boundary, if required.
- Overcharging will be avoided;
- Charge per delay will be minimized and preferably more number of delays will be used per blast;
- Blasting operations will be carried out only during day time as per mine safety guidelines;
- A safe distance of about 100 m will be maintained from blasting site.
- During blasting, other activities in the immediate vicinity will be temporarily stopped;



- Posting of sentries on the road passing through the lease area and stopping of traffic beyond safety barrier before conducting blasting. Only after completion of blasting, the traffic movement shall be continued.
- Drilling parameters like overburden, depth, diameter and spacing will be properly designed to give proper blast.
- Regular monitoring of ground vibration will be done

#### 6. Water Quality

Activity: Water Pollution

Source: Surface Water & Ground Water

Mitigation measures

- Drainage will be constructed for the rain water which will be let to natural drainage.
- Retaining wall, garland drain, settling tanks will be provided.
- Dumps and sub grade stack will be provided with retaining wall along the toe and settling tanks.
- Sludge will be taken out from settling tanks and back wash water will be sent to dry.
- Rain water during rainy season will be controlled by suitably providing slopes for the benches. So that water is not accumulated on the road.
- There will not be any major adverse impact on the ground water resources as there will be no ground water tapping for mining activities.
- Rain water harvesting and surface storage will be done.

#### 7. Biological Environment:

Activity: Biological Environment

Source: Flora & Fauna

Mitigation Measures

- Enhancement of Green belt development / afforestation will increase flora
- Post reclamation, green cover will attract fauna.
- Green belts will be developed within the core zone to protect habit of flora and fauna.
- Illicit entry and tree felling within core zone will be prohibited.
- Security gate will be established.
- Poaching will be prohibited within the core zone and such evidence has not been noticed as on date within the core zone.
- Hill streams and nalas shall be provided with mini check dams to retain rain water for long durations for the benefit of wildlife and vegetation.

#### 8. Solid Waste Management:

**Activity:** Solid Waste

**Source:** Overburden Dumps – Mining Operations, Sub Grade Iron Ore

Dumping will be carried in a retreating method in form of terraces having the inward slope with catch drains at inward side of the terrace connected to garland drain outside the dump periphery. Each terrace has berms at outer end to restrict gully formation by rain water wash off. Slope of each terrace will be maintained at 37° while overall slope of the dump will be maintained at around 28° with the horizontal. Prior to the disposal of waste, dumping site will be prepared as per the following manner –

- Dumping site will be surveyed and earmarked as per the proposal.
- Roads will be developed from Quarry to the dumping site at suitable gradient of 1:16.
- Protective measures like retaining wall, garland drain and settling tank will be constructed.
- Shrubs and bushes wherever found will be cut and removed.
- Topsoil if any shall be scrapped off and disposed over the existing dumps and priority will be given to utilize the same as soon as possible for plantation activities within the project area.
- Grass will be sown over the waste dump to control erosion and dust generation.
- Finally, pits will be reclaimed and plantation will be undertaken.

**G. Occupational Health & Safety Management:**

**Activity:** Occupational Health

**Source:** Overburden Dumps

- **Drilling-** Exposed to high noise level and dusty environment. Impact on hearing and respiratory System
- **Blasting** – Struck by fly rock, dust environment high noise level, excessive vibration. Impact on physical injury dust related disease (Respiratory). Hearing impairment.
- **Loading** – Struck by rolling big boulder. Impact on equipment damage physical injury.
- **Storage of Lubricants & Chemicals:** Leak & spills, Impact on fire/explosion

**Mitigation Measures**

- Initial Medical Examination (IME) /Periodical Medical Examination (PME) will be conducted as per DGMS guidelines.
- Pre-Retirement Medical Examination will be conducted for each employee before their superannuation.
- Eye test will be conducted for all the persons engaged in driving once in a year.
- The frequency of PME will be reduced from 5 years to 3 years for employees above 45 years.

- All the IMC & PME results will be maintained in computer and analysis will be done regularly and corrective measures will be taken.

#### • Socio-Economic Environment

- **Employment Generation-** Employment size for the project is envisaged as around 428 workers.
- **Community Skills Development-** The employees will be benefitted from the training programmes that will be instituted by the project proponent to enable the community labour force to work in different areas of mining operations. This training will increase the number of technicians, plant operators, electricians, and mechanics, among others, that will not only benefit the above mentioned plant but also the community at large during and after the mine life.
- **Improved Standard of Living-** Employment opportunities created the project will increase income and, therefore, improve the overall standard of living in the area.
- **Community Organizational Capacity Development-** Through engagement of community members in development structures such as Community Development Committees, the community organizational capacity will be developed.
- **Improved Water Supply-** Supply of safe water for the community by the Project Proponent would improve health standards and living conditions in the villages.
- **Economic Exposure and Development-** The project will make financial institutions as well as related economic facilities, infrastructure and services available to the people, such as different banks, credit societies, service co-operatives, etc., which will enable community members to invest their income and prevent dependency.
- **Reduce Migration-** During lean season the youths of the nearby villages migrate to South India, particularly Chennai and Tamil Nadu in search of jobs. They work there as laborers in brick making industries and painting works. The project may reduce migration of labors substantially as they may prefer to engage in mining activities round the year in the area.
- **No Loss of Agricultural Land-** The proposed project is neither affecting any agricultural nor human habitation.

#### *ENVIRONMENTAL MANAGEMENT PLAN (EMP)*

In the process of environmental impact assessment of site specific issues have been identified which require due consideration as part of the development, planning and environmental project costing. The measures suggested are detailed under environmental management plan. The total cost of the project is Rs. 900 Lakhs and the updated capital cost and recurring cost (per annum) for the better environmental/ management/restoration facilities for the proposed mining project works will be Rs. 135 lakhs and Rs. 40 lakh / year respectively.

The Additional District Magistrate then invited the public to address their views on environmental aspects of the project. Fifty two (52) nos. of villagers opined their views as mentioned below.

- 1) **Sri Ghanashyam Barik, Patmunda :-** Sri Barik Welcome all and supported the public hearing. He stated that M/s National enterprises has employed people and due to expansion of the project more local people will get benefit and requested District Administration as well as Pollution Control Board to grant the public hearing. The company has also resolved the problem of local village at different level.
- 2) **Sri Batu Munda, Ghodabhudani:-** Sri Munda Opposed the public hearing due to torture and difficulties faced by the company. He further stated that no nearby mines have constructed a bridge on nallah. The local tribal people are innocent and public hearing are conducting in the name of revenue only and not for their local development. So he requested District Administration to cancel the proposal.
- 3) **Sri. Laxmidhar Munda, Oraghat :-** Sri Munda welcome all. He expressed that local people are facing pollution, drinking water problem, road problem and due to deforestation for mining wild animal entering to their village. Local people have addressed to the company so many times but company has not responded well. Hence, he opposed the public hearing.
- 4) **Sri Bhimsen Choudhary, Koira :-** Sri Choudhary welcome all and opposed the public hearing. He stated that company has not proper dust suppression system, no check dam & retaining wall for dump management, depletion of Teharai nallah, damaging of transportation road, no local school development, no local employment and local people development.

He demanded to mines authority for collection of surface run off and concreting the retaining wall with collection of surface run off generated from mines to protect the Teharai & Sona nallah. He also demanded to serve & developed the local people by company and after that they will support public hearing.

- 5) **Sri Sudhansu Sekhar Sahoo, Kalmang:-** Sri Sahoo welcomes all and opposed the public hearing. He stated that company has not developed locality and nearby people, no education & health facility. He also questioned mines authority what they will do in future.

- 6) **Sri Anil Barla, Tcherai** :- Sri Barla welcomes all and opposed the public hearing. He stated that he supported the earlier speaker. He demanded for local development of villagers, education & employment facility, wildlife protection, restoration of Sona river, facing difficulties due to generation of red water during mining and also facing difficulties due to wild animals entering their villages.
- 7) **Sri Gobinda Kisan, Sanindpur** :- Sri Kisan opposed due to no EPF, pension for older people, no road for transporting and company is using their village road.
- 8) **Sri Sardar Barik, Indpur** :- Sri Barik opposed the public hearing.
- 9) **Sri Mohan Munda, Oraghat**:- Sri Munda stated that they have demanded for manual mining for employment of local people but company responded. He also urged that school children are facing difficulties due to no bus transportation facility and local development has not conducted by company authority.
- 10) **Sri Sunil Kumar Kisan, Sanindpur**:- Sri Kisan opposed the the public hearing. He expressed that no ambulance facility and accident happen due to damage of approach road to mines. Company management harassing local people,
- 11) **Smt. Gita Dehury, Sanindpur** :- Smt. Dehury opposed the public hearing.
- 12) **Smt. Tara Naik, Sanindpur** :- Smt. Naik opposed the public hearing with demand for local employment .
- 13) **Smt. Sambari Munda, Jadipada** :- Smt. Munda opposed the public hearing.
- 14) **Smt. Jeta Munda, Oraghat** :- Smt. Munda welcomes all and extends his support for public hearing.
- 15) **Sri Chatendipta Nayak, Koira**:- Sri Nayak stated that elephant corridor should not disturb due to mining. Company management has proposed to shift the elephant corridor but he does not believe. He also stated that mines shall operate without any expansion. He opposed the public hearing.
- 16) **Sri Janardan Dehury, Koira** :- Sri Dehury welcomes all and opposed the public hearing. He stated that Sona & Karo river depleted due to deposition of red dust

in the river. He demanded for construction of guard wall in dump site, large tree plantation, drinking water facility, manual mining, local tribal people development and employment as per their qualification. He requested Additional district magistrate for local employment by doing manual mining.

- 17) **Sri Laxminarayan Jaiswal, Koira** :- Sri Jaiswal welcome all and state that due to expansion of mines environment will degrade. He also stated that they are facing difficulties to drink good quality of water & air. He opposed to the public hearing due to unemployment of local people by mines authority.
- 18) **Sri Baisakhi Dehury, Sanindpur** :- Sri Dehury welcome all and stated that employed women are facing difficulties. Engaged PDC teacher not getting salary. She opposed the public hearing.
- 19) **Smt. Kaikei Naik, Jadipada** :- She opposed the public hearing no transporting facilities by mines authority and facing difficulties by school going children .
- 20) **Smt. Sardi Naik, Sanindpur**:- She opposed the public hearing and older women employment.
- 21) **Sri Sankar Lohar, Koira** :- Sri Lohar opposed the public hearing due to expansion deforestation will occurs. Local villagers are facing difficulties due to entering of wild animals. He also stated that due to expansion depletion of river and dust pollution during transportation takes place during transportation after expansion.
- 22) **Sri Arun Naik , Sanindpur** :- Sri Naik stated that company management are using slang to women and will sent to jail. He opposed the public hearing.
- 23) **Sri Ananda Kumar Barik, Badindpur** :- Sri Barik opposed the public hearing
- 24) **Sri Manju Naik, Sanindpur** :- Smt. Naik extends her support for public hearing.
- 25) **Sri Sudevi Naik, Sanindpur** :- Smt. Naik opposed the public hearing.
- 26) **Sri Salu Munda, Adaghat**:- Smt. Munda expressed that due to deforestation and mining they have lose their home. She demanded mines authority to providing house.
- 27) **Sri Kanhei Munda, Adaghat** :- Sri Kanhei opposed the public hearing.
- 28) **Sri Jagai Munda, Adaghat**:- Sri Munda opposed the public hearing with demand for playground.
- 29) **Sri Rout Munda, Adaghat**:- Sri Munda opposed the public hearing.
- 30) **Smt. Pingle Munda, Adaghat** :- Smt. Munda demanded for construction of bridge for which school going children are facing difficulties.


- 31) **Sri Sita Munda, Adaghat :-**
- 32) **Sri Gita Munda, Adaghat :-** Smt. Munda demanded for electricity, drinking water facility, solar facility, dump management to prevent runoff water to river.
- 33) **Sri Jitendra Barik, Badindpur :-** Sri Barik opposed the public hearing.
- 34) **Sri Bamia Munda, Sanindpur:-** Sri Munda opposed the public hearing due to removed of local people from their engagement in mines and demanded for local employment and local village development .
- 35) **Sri Ranjit Barik, Badindpur:-** Sri Barik expressed that operation of mines with local employment. He requested mines authority to engage local people with releasing pending salary of local women since eight months. He supported the public hearing with demand for local employment.
- 36) **Smt. Jhingi Munda, Adaghat:-** Smt. Munda expressed that local students facing difficulties due to non availability of bus transportation and demanded for residential house for villagers. She opposed the public hearing.
- 37) **Smt. Raimani Munda, Adaghat :-** Smt. Munda opposed the public hearing due to non availability of residential house.
- 38) **Smt. Gurubari Purty, Adaghat :-** Smt. Purty stated that no employment by mines authority.
- 39) **Smt. Sakurmani Munda, Adaghat :-** Smt. Munda stated that mines shall operate with local employment and with correlation & help of local villagers.
- 40) **Sri Balaram Apat, Sanindpur :-** Sri Apat stated that due to operation of mines government is benefitted and implemented scheme is reached to their end. The company has constructed school room, bathing ghat in river. He demanded for appropriate salary to teacher engaged in Kalamang school and tuition facility.
- 41) **Sri Bansidhar Dehury, Sanindpur :-** Sri Dehury opposed the public hearing.
- 43) **Smt. Panamani Munda, Adaghat :-** Smt. Munda opposed the public hearing.
- 44) **Smt. Padma Munda, Adaghat :-** Smt. Munda opposed the public hearing.
- 45) **Sri Bishal Munda, Adaghat :-** Sri Munda opposed the public hearing.
- 46) **Sri Sushil Kumar Kishan, Sanindpur :-** Sri Kishan opposed the public hearing.

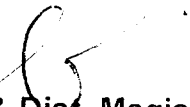
- 46) **Sri Basanta Kumar Barik, Sanindpur:-** Sri Barik welcome all and demanded mines authority for employment of local tribal people, widening and maintaining the road quality of village road by DMF fund, control of traffic jam and control of dust pollution, tree plantation, restoration & protection of river and concreting check dam. He requested District Administration for local development and road development through DMF fund. He supported the public hearing with manual mining for large local employment and local people engagement in mines operation.
- 47) **Sri Sahadev Behera, Koira:-** Sri Behera welcome all and stated that local poor people disbarred by the local leader and authority. He stated that due to expansion local people will get engaged and during raising local people get engaged. He requested District Administration to coordinate the mines authority & local villagers for development and problems faced by local people. He supported the public hearing with operation of mines and demanded for regular employment of local villagers by mines authority, medical facility, two ATM facility, parking facility, provision of drinking water facility and education facility. He further stated that local unemployed youth shall engage in plantation purposes.
- 48) **Sri Badal Barik, Ganua:-** Sri Barik that about 9 to 10 mines are operating but local people are not getting benefitted and unable to eat properly. He stated that local administration is responsible for non development of local people, damage road, inadequate health facility, non availability of drinking water facility, non completion of Gopisahi bridge. Local people facing are difficulties due to deforestation and destruction of elephant corridor which causing damage of paddy field. Mines shall operate with large employment of local youth & women, education facility, manual raising of mines and transportation of minerals by local people.
- 49) **Sri Parameswara Naik, Koira:-** Sri Naik welcome all and stated that opposition of mines by local people due to dissatisfactions of local people. He demanded for 50% manual mining, proper utilization of DMF fund by district administration, employment as per qualification, reengagement of local people, tree plantation to curb environment, water restoration and construction of bridge in Gopi Sahi. He requested mines authority to emphasize the local issued and solve their problems. Mines shall operate for local people development.



- 50) Sri Dibakar Naik, Malda:- He welcome and stated that company management should not forget their commitment after public hearing. He demanded for construction of village road near the mines for which ambulance local children area facing difficulties during transportation, education facilities, and local tribal people employment. He also stated that if all the demand gets fulfilled they will support the public hearing in near future.
- 51) Sri Shiba Mahakud, Sanindpur:- He stated that National Enterprises is operating since last two year. They will support the mines if they will engage local village people with reengagement of Oraghat, Sanindpur, Badindpur, Jadipada and Muribahal men & women. He further demanded for school transportation bus for children, bus transportation from Sanindpur village to Adarsha Vidyalaya Kusumundi and adequate teacher in Sanindpur school. He opposed the public hearing.
- 52) Sri Rudan Naik, Sanindpur:- He demanded for local employment, drinking water facility with borewell and expressed that mine shall operate for local employment.

ADM then told on the issues raised by the public and asked M/s ~~National Enterprises~~ *National Enterprises* to explain people on the issues. Sri Kailash Kumar Pradhan, D.G.M (Mines) of M/s National Enterprises clarified the people on the raised issues which are listed in the Executive Summaries at Annexures – A & B respectively in English and Odia. Sri B.K Bhoi, Asst. Env. Engg. of State Pollution Control Board, Rourkela, Odisha then extended vote of thanks and ADM closed the meeting. Video recording of the public consultation (hearing) in pen drive is annexed.

  
Regional Officer  
Odisha S.P.C.B., Rourkela

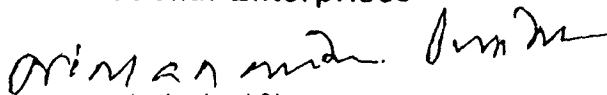
  
Collector & Dist. Magistrate  
COLLECTOR, SUNDARGARH  
Sundargarh, Odisha

EXECUTIVE SUMMARY OF PUBLIC CONSULTATION (HEARING) OF ADAGHAT IRON ORE MINES OF M/S NATIONAL ENTERPRISES HELD ON DTD.21-12-2021 (11.00 AM) AT OPEN GROUND NEAR HANUMAN TEMPLE IN ADAGHAT VILLAGE OF MALDA GRAM PANCHYAT UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)


Sl. No.	Issues raised by Public	Comments of the Project Authority
1	<p><b>Environment:</b></p> <ul style="list-style-type: none"> <li>• Control of dust Pollution in the locality due to mining &amp; transportation</li> <li>• Plantation to curb pollution</li> <li>• Protection of natural river/stream</li> <li>• Concrete Retaining/guard to prevent wash out from mines</li> </ul>	<ul style="list-style-type: none"> <li>• Company will conduct afforestation, diversion of elephant corridor as per the forest Act, 1981 and wild management plan.</li> <li>• Company has generated very less overburden and having retaining wall, check dam facility to prevent wash out from mine.</li> <li>• Company will plant sapling/trees as per guidelines of government.</li> </ul>
2.	<p><b>Local Employment :</b></p> <ul style="list-style-type: none"> <li>• Employment of local people in the company on priority basis and employment to local educated youth as per their qualifications.</li> <li>• Re-engagement of Oraghat, Sanindpur, Badindpur, Jadipada and Muribahal men &amp; women</li> <li>• Releasing of monthly salary to teachers deployed through PDC in Kalamang School.</li> <li>• Manual raising in mines for local employment</li> </ul>	<ul style="list-style-type: none"> <li>• Company has already engaged 73 Nos. of people and in expansion proposal about 69 people will be employed from local villagers.</li> <li>• Company will provide manual raising in mines for local employment during expansion.</li> </ul>
3.	<p><b>Peripheral Development</b></p>	
	<p><b>a) Road Development:</b></p> <p>i) Concreting of village road</p>	
	<p><b>b) Healthcare facility:</b></p> <ul style="list-style-type: none"> <li>• Health care facility in Malda &amp; Sanindpur</li> </ul>	<p>Company is having one dispensary with free medicine facility with doctor visit and company is having</p>

<p>village</p> <ul style="list-style-type: none"> <li>Ambulance facility</li> </ul>	<p>one ambulance and If require they will provide one more ambulance.</p>
<p><b>c) Education:</b> Emphasize on education with adequate teacher &amp; appropriate salary.</p>	<p>Deployment of school teacher already provided to Raikela school and Kalamang school. Company will increase their salary accordingly.</p>
<p><b>i) Electrification:</b> Supply of electricity with Solar power in Adaghat village</p>	
<p><b>j) Supply of drinking water facility</b> Drinking water facility in Adaghat village</p>	
<p><b>k) Development of Adaghat playground</b></p>	
<p><b>l) Construction of Bridge in Gopisahi</b></p>	<p>Company will request District Administration for construction of bridge through DMF fund.</p>
<p><b>m) Bus transportation for school children from Sanindpur village to Adarsha Vidyalaya, Kusumundi</b></p>	
<p><b>n) Development of local villages, tribal people for fulfillment of social requirement from DMF fund</b></p>	

For National Enterprises

  
Authorised Signatory

  
Regional Officer  
Odisha S.P.C.B., Rourkela

  
Dist. Magistrate  
Sundargarh, Odisha  
COLLECTOR, SUNDARGARH

ଅତ୍ୟାଧିକ ଆଇରନ ଓର ମାଇନସ ଅଫ ମେସର୍ସ ନାସାନାଲ୍ ଏନର୍ପ୍ରାଇଜେସ୍ ପ୍ରସାରିତ ପ୍ରକଳ୍ପ ର ଜନ ପରାମର୍ଶ (ଶୁଣାଣି) ର କାର୍ଯ୍ୟନିର୍ବାହୀ ସାରାଂଶ ।

ସ୍ଥାନ: ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା କୋଇଡା ବ୍ଲକ ଅନ୍ତର୍ଗତ ମାଲତୀ ଗ୍ରାମ ପଂଚାୟତ ର ହନୁମାନ ମନ୍ଦିର ନିକଟ ଖୋଲାପଡିଆ।  
ତାରିଖ: ୨୧-୧୨-୨୦୨୧ (ଦିବା ୧୧: ୦୦ ଘଟିକା)

ସଂଖ୍ୟା.	ଜନସାଧାରଣଙ୍କ ଦ୍ୱାରା ଉଠାଯାଇଥିବା ପ୍ରସଙ୍ଗଗୁଡ଼ିକ	ପ୍ରକଳ୍ପ ପ୍ରାୟୋଗର ମତବ୍ୟ
୧.	ପରିବେଶ : <ul style="list-style-type: none"> <li>• ସ୍ଥାନୀୟ ଅଞ୍ଚଳରେ ଏବଂ ପରିବହନ ରାସ୍ତାରେ ଧୂଳି ପ୍ରଦୂଷଣକୁ ନିୟନ୍ତ୍ରଣ କରିବା ।</li> <li>• ପ୍ରଦୂଷଣକୁ ରୋକିବା ପାଇଁ ବୃକ୍ଷରୋପଣ ।</li> <li>• ପ୍ରାକୃତିକ ନଦୀ / ସ୍ରୋତର ସୁରକ୍ଷା ।</li> <li>• ଖଣିରୁ ନାଲି ମାଟି ଧୋଇବାକୁ ରୋକିବା ପାଇଁ କଂକ୍ରିଟ୍ କାଢ଼ ରଖିବା ।</li> </ul>	<ul style="list-style-type: none"> <li>• ଜଙ୍ଗଲ ଅଧିନିୟମ, 1981 ଏବଂ ଜଙ୍ଗଲ ପରିଚାଳନା ଯୋଜନା ଅନୁଯାୟୀ କମ୍ପାନୀ ବୃକ୍ଷରୋପଣ, ହାତୀ କରିତରର ଡାଇଭର୍ସନ କରିବ ।</li> <li>• କମ୍ପାନୀ ବହୁତ କମ୍ ଓବରକର୍ଭ୍ସ୍ ବହାର କରିଛି ଏବଂ କାଢ଼କୁ ବଜାୟ ରଖିଛି, ନାଲି ମାଟି ଧୋଇବାକୁ ରୋକିବା ପାଇଁ ତ୍ୟାମ୍ ସୁବିଧା ମଧ୍ୟ କରିଛି ।</li> <li>• ସରକାରଙ୍କ ନିର୍ଦ୍ଦେଶାବଳୀ ଅନୁଯାୟୀ କମ୍ପାନୀ ତାରା / ବୃକ୍ଷ ରୋପଣ କରିବ ।</li> </ul>
୨	ସ୍ଥାନୀୟ ନିୟୁତ୍ତି : <ul style="list-style-type: none"> <li>• ପ୍ରାଥମିକତା ଭିତ୍ତିରେ କମ୍ପାନୀରେ ସ୍ଥାନୀୟ ଲୋକଙ୍କର ନିୟୁତ୍ତି ଏବଂ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ସ୍ଥାନୀୟ ଶିକ୍ଷିତ ଯୁବକମାନଙ୍କୁ ନିୟୁତ୍ତି ।</li> <li>• ଓରାଘାଟ, ସାନନ୍ଦପୁର, ବାଦିନ୍ଦପୁର, ଜାଦିପଡା ଏବଂ ମୁରିବାହାଲ ପୁରୁଷ ଏବଂ ମହିଳାମାନଙ୍କର ପୁନ ତାକିରୀ ପ୍ରଦାନ ।</li> <li>• କଲମଙ୍ଗ ବିଦ୍ୟାଳୟରେ ପିଡିସି ମାଧ୍ୟମରେ ନିଯୋଜିତ ଶିକ୍ଷକମାନଙ୍କୁ ମାସିକ ଦରମା ଦେୟ କରିବା ।</li> <li>• ସ୍ଥାନୀୟ ରୋଜଗାର ପାଇଁ ଖଣିଗୁଡ଼ିକରେ ମାନ୍ୟତା ଖନନ କରିବା ।</li> </ul>	<ul style="list-style-type: none"> <li>• କମ୍ପାନୀ ପୂର୍ବରୁ 73 ନମ୍ବର ଲୋକଙ୍କୁ ନିଯୋଜିତ କରିସାରିଛି ଏବଂ ସମ୍ପ୍ରସାରଣ ପ୍ରସାବରେ ପ୍ରାୟ 69 ଜଣ ଲୋକ ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀଙ୍କୁ ନିୟୁତ୍ତି ଦେବେ ।</li> <li>• ସମ୍ପ୍ରସାରଣ ସମୟରେ କମ୍ପାନୀ ଖଣିରେ ମାନ୍ୟତା ଖନନ କରି ସ୍ଥାନୀୟ ନିୟୁତ୍ତି ଯୋଗାଇବ ।</li> </ul>
୩	ପାରିପାର୍ଶ୍ୱିକ ବିକାଶ :	
	କ) ସଡ଼କ ବିକାଶ: ୧) ଗାଁ ରାସ୍ତା ନିର୍ମାଣ ।	
	ଖ) ସ୍ୱାସ୍ଥ୍ୟସେବା ସୁବିଧା: <ul style="list-style-type: none"> <li>• ସାନନ୍ଦପୁରରେ ଗାଁରେ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ସୁବିଧା ।</li> <li>• ଆମ୍ବୁଲାନ୍ସ ସୁବିଧା</li> </ul>	ତାତ୍ତ୍ୱିକ ପରିବର୍ତ୍ତନ ସହିତ ମାଗଣା ଔଷଧ ସୁବିଧା କମ୍ପାନୀରେ ରେ ଅଛି ଏବଂ କମ୍ପାନୀରେ ଗୋଟିଏ ଆମ୍ବୁଲାନ୍ସ ଅଛି । ଯଦି ଆବଶ୍ୟକ ହୁଏ ସେମାନେ ଆଉ ଗୋଟିଏ ଆମ୍ବୁଲାନ୍ସ ଯୋଗାଇ ଦେବେ ।
	ଗ) ଶିକ୍ଷା: ପର୍ଯ୍ୟାପ୍ତ ଶିକ୍ଷକ ଏବଂ ଉପଯୁକ୍ତ ବେତନ ସହିତ ଶିକ୍ଷା ଉପରେ ଗୁରୁତ୍ୱ ଦିଅନ୍ତୁ ।	ରାଇକେଲା ବିଦ୍ୟାଳୟ ଏବଂ କଲମଙ୍ଗ ବିଦ୍ୟାଳୟକୁ ବିଦ୍ୟାଳୟ ଶିକ୍ଷକଙ୍କ ନିଯୋଜନ ପୂର୍ବରୁ ପ୍ରଦାନ କରାଯାଇଛି । କମ୍ପାନୀ ସେହି ଅନୁସାରେ





# STATE POLLUTION CONTROL BOARD, ODISHA

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



No. 18147 /

IND-II-PH- 971

Date. 16.11.2021

CAD-1896

## NOTICE

It is brought to the notice of all concerned that M/s National Enterprises has proposed to have Environmental Assessment for Adaghat Iron Ore Mines for enhancement in production capacity of Iron Ore from 0.3 MTPA to 0.7 MTPA with total excavation of 1.024 MTPA (ROM of 0.7 MTPA + 0.324 MTPA Waste) and installation of 2 x 150 TPA capacity Mobile Crushing and 2x250 TPH capacity Mobile Screening Plant over ML area of 15.074 ha. in village Adaghat under Kolda Block & Tehsil of Sundargarh 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 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 mining project in writing or orally may also do so during the public hearing to be conducted on 21.12.2021 at 11.00 A.M. at Open Ground near Hanuman Temple of Adaghat village of Malda Gram panchayat under Kolda Tehsil of Sundargarh district. Public hearing shall be conducted strictly observing guidelines contained in COVID-19 pandemic restrictions issued by the MoEF & CC, Govt. of India vide OM No.22-25-IA-III, dated 09.06.2021 as well as Govt. of Odisha.

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.ospcbboard.org](http://www.ospcbboard.org) free of cost.

1. District Collector's Office, Sundargarh.
2. District Industries Center, Sundargarh.
3. In the office of the Chief Executive Officer, Zilla Parishad, Sundargarh.
4. In the Head office of the State Pollution Control Board, Odisha, Parvesh Bhawan, A/118, Nilakanthanagar, Unit - VIII, Bhubaneswar -12.
5. Regional Office, State Pollution Control Board, Odisha, Rourkela.
6. 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-06012/11/0176/2122

*The New Indian Express dt-18.11.21 P-5*

Central Library

S.P.C. Board

A/118, Nilakanthanagar

Bhubaneswar

