

M/s DHARAMCHAND JAIN
(Mining Lessee)

"DHARAM VILLA"

12-A, Mahatma Gandhi Marg,
Ring Road, Lajpat Nagar-IV,
New Delhi-110024
Phone: 011-41642414
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REF.:DCJ/02/2025-26

DATE: 28.07.2025

To,
The Member Secretary,
State Pollution Control Board, Odisha,
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit – VIII,
Bhubaneswar – 751012.

Subject: Environmental Statement of "Dalpahar Iron & Mn. Ore Mines of Sri. D. C. Jain located in villages(s) Dalpahar, Bichakundi Joda, Tehsil- Barbil, Dist: Keonjhar for the year 2024-2025.


Sir,

With reference to the above subject, we are submitting herewith the **Environmental Statement for the financial year 2024-2025 in the Form – V** as per rule – 14 under Environment (Protection) Act, 1986 in respect of Dalpahar Iron & Mn. Ore Mines of Sri. D. C. Jain.

This is for your kind information, please.

Thanking You,

For **Dalpahar Iron & Mn. Ore Mines**


S. N. Mohanty, Agent
Dalpahar Fe. & Mn. Mines.
Dalpahar, Joda

Authorized Signatory

Encl.: As Above.

Copy to: The Regional Officer, SPCB, Regional Office, College Road, Dist: Keonjhar, Odisha.

[FORM-V]
(See Rule 14)

Environment Statement for the financial year ending the 31st March 2025

PART-A

- | | | |
|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------|
| (1) Name and address of the owner
/ Occupier of the industry,
Operation or process | - | Dalpahar Iron & Mn. Ore Mines
Sri D.C. Jain |
| | - | At- Dalpahar, Bichakundi P.O: Joda
Dist. Keonjhar, Odisha -758034.
Email: samarendra257@gmail.com
Contact no: 8249868112. |
| (2) Industry category Primary | - | (STC CODE) Secondary-(SIC Code). |
| (3) Production capacity Units | - | 0.31 MTPA (Iron) & 0.094 MTPA (Mn). |
| (4) Year of establishment | - | 08th March 2024. |
| (5) Date of the last Environmental
Statement Submitted | - | 20.08.2024. |

PART-B

Water and Raw material Consumption:

- | | | |
|-------------------------------------------|---|-------------------------------|
| (1) Water Consumption m ³ /day | - | 188 m³/ Day |
| Process (Workshop) | - | 05 m³/ Day |
| Cooling (Water sprinkling on Haul roads) | - | 154 m³/ Day |
| Domestic (Drinking purpose) | - | 18 m³/ Day |
| Green Belt development | - | 11 m³/ Day |

Name of Product	Process water consumption per unit of output
-----------------	----------------------------------------------

Sized Iron Ore & Manganese Ore

NA

Financial year	During the previous financial year	during the current financial year
	(1)	(2)
(1)		
(2)		
(3)		

1. Substituted by rule 2 (b) of the environment (Protection) amendment rules, 1993 notified vide G.S.R vide G.S.R 3'6 (E) dated 22.04.1993.

(ii) Raw material consumption - **Not applicable**

Name of raw Material	Name of Products material	Consumption of raw per unit of out put
	During the previous Financial Year	during the current Financial year

*Industry may use codes if disclosing details or raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

Pollution discharged to environment /unit of output - **Not Applicable.**
(Parameter as specified in the consent issued)

A) Water:The mining operation has commenced shortly and we are waiting for the Forest clearance for the project. So the project has yet to construct effluent treatment plants as safeguard measures as applicable. After construction of the safeguard measures project shall comply all applicable practice to monitor the discharge water from the mining operation.

Air: Not Applicable

Note: Present there is no such trade effluent and source of emissions from current mines operation methodology.

PART – D **Hazardous Wastes**

(As specified under Hazardous Waste/ Management and Handling Rules, 1986)

Hazardous waste [Waste Oil]	Total Quantity [KL]	
	During the previous Financial year	During the Current financial year
1) From process	NA	NA
2) From Pollution Control FACILITY	NA	NA
3) Used Oil	0.060 KL	2.620KL
4) Oil contaminate waste	0.003 KL	0.040 KL

PART-E
Solid Waste

Total Quantity			
	During the previous Financial year	during the current financial year	
(a) From process:			
(Overburden and Intercalated Waste)	:	2500 Cub.m.	32170 Cub.m.
(b) From pollution control facility	:	Nil	Nil
(c) (1) Quantity recycled or re-utilized			
Within the unit	:	Nil	Nil
(2) Sold	:	Nil	Nil
(3) Disposed	:	Nil	Nil

PART-F

Please specify the characteristics (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- ✚ The used oil and other waste generations are being stored inside a shed of designated HW management yard and the same are also being disposed off to authorized recycler in a proper manner as per the applicable guidelines.
- ✚ The used lead batteries are kept at an earmarked area in a proper manner, which is later disposed to an authorized recycler through buy-back system.
- ✚ The generations of OB & Intercalated waste is being dumped in earmarked area as per approved mining plan with following mitigate measures such as proper sloping, terracing, and toe retention wall & garland drainage. As on date project has constructed retaining wall of 100 meters and garland drain of 50 meters at Block-II area of mines.

PART-G

Impact of the pollution abatement measures taken on conservation of natural re-sources and on the cost of the production.

- ✚ we have done the gap filling plantation of 1900 no.s over the vacant space available, safety zone area and core drilling left out land @0.44 Ha. area during the reporting period 2024-25. Beside this project has distributed 1000 no.s of native as well as fruit bearing saplings among the villagers in around the mine lease area. The above said saplings were procured from nearby nursery developed by the Forest Department.
- ✚ We have prepared the Wildlife Conservation Plan in consultation with DFO for conservation and protection of endangered flora and fauna and the same got approved by PCCF (Wildlife) & Chief Wild Life Warden, Bhubaneswar with an estimated cost of Rs.250.254 Lakhs which includes Rs.64.374 Lakhs towards activities to be implemented within the ML area and Rs.185.520 Lakhs towards activities to be implemented by the DFO in the project impact area.

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- + Two no.s of 08 KL capacity mobile water tankers are engaged for mines haul road dust suppression.
- + One number of 04 KL mobile water tankers have been engaged for village road dust suppression.
- + Effective dry fog system has been implemented in all the crusher and screen plant.
- + Dust extraction and wetting process shall be used for drilling process.
- + Tarpaulin covering of mineral trucks is in practice to avoid spillage of minerals on roads.
- + As per the approved mining plan we have already planted 2480 no.s of native saplings and fruit bearing saplings like Mango, Karanja, Shishu, etc. within the 0.73 Ha safety zone area in between over the vacant space available, safety zone area and core drilling left out.
- + The project proponent has commissioned a solar power plant with 30KVA capacity within the lease area as proposed earlier.
- + Environmental parameter monitoring is being carried out through NABL accredited laboratory.
- + Oil & grease trap pit (ETP) cum water service station shall be constructed in workshop premises after obtaining needful Forest Clearance.
- + Mechanized Wheel washing facility system has been installed & commissioned near exit gate of mines as per the prescribed conditions.
- + The monitoring of vehicle emission is being carried out through diesel smoke meter by pollution testing center.
- + Digital display board installed at the entry point of mines for general display & awareness.
- + As committed the project has constructed & implemented the roof top Rain water harvesting facilities mine office area as applicable along with ground water recharge wells so as to augment the ground water resources in the area.

PART-I

Any other particulars for improving the quality of the environment

- 1) Regular in-house awareness program is given to the company employees, towards environment and pollution.
- 2) On 5th June the world environmental day (WED)-2024, has already been celebrated among company employee and peripheral villagers. The celebration was performed through environmental awareness program, competitions and mass plantation drive.
- 3) Proposed surface run off water will be channelized through retaining wall, garland drain of suitable dimension followed by settling ponds of adequate capacity at strategic points. The discharged water quality shall be treated in settling ponds and analyzed before discharging to outside the mine lease area.
- 4) The Project Proponent has earmarked the parking plaza for the heavy vehicles within the lease area as recommended by NEERI.
- 5) After the establishment of the main haulage road in due course of mines development activity the project proponent shall construct permanent sprinkling facility of a length of 500 meters within mines.

Supporting Photos:

Photo-1 Mobile Water sprinkler tanker for dust suppression



Photo-2 Mobile screen Plant Equipped with dry fog system for dust suppression



Photo-3 Wheel wash facility at the exit gate of Mines with recirculation system



Photo-4 Trucks carrying ore from mines covered with Tarpaulin



Photo-5 Proposed Parking Plaza lay out and Location inside ML area

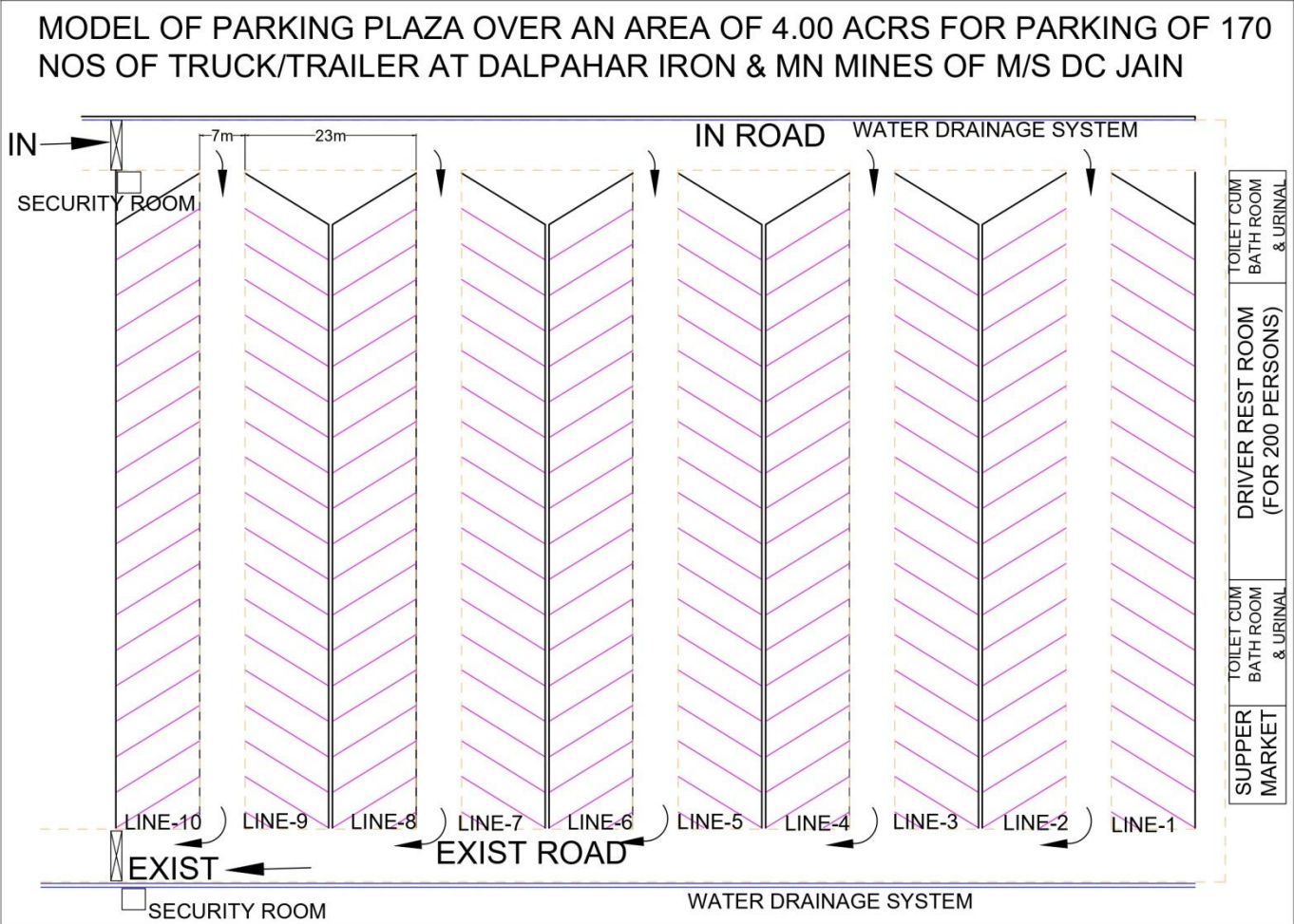


Photo-6 Water sprinkling through mobile tanker on mineral transport road adjacent to mines lease.



Photo-7Environmental parameter monitoring activities

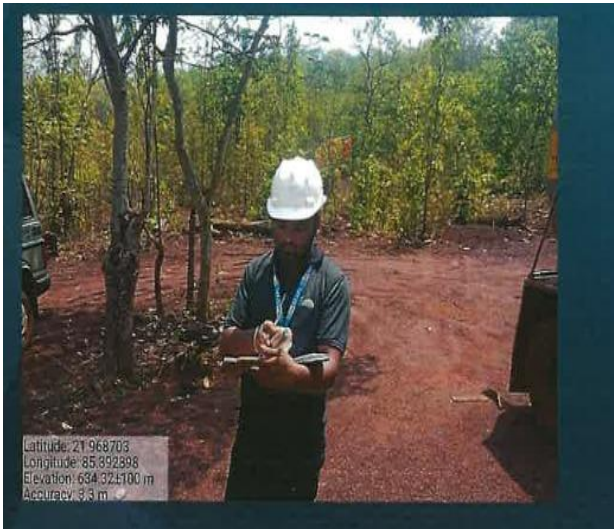


Photo-8 Retaining wall with garland drain at the toe of OB dump at Block II area



Photo-9 Garland drain at the toe of OB dump at Block II area



Photo-10 Roof Top Rain water harvesting construction at office campus



Photo-11 Digital display board for the display general for monitoring reports



Photo-12 Solar power plant with 30KVA capacity Within the lease area.



Photo-13 Sapling distribution and Plantation activities carried out inside & outside Mine lease area and saplings distribution to peripheral villagers




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For Dalpahar Iron & Mn. Ore Mines


S. N. Mohanty, Agent
Dalpahar Fe. & Mn. Mines,
Dalpahar, Joda

Authorized Signatory