

Letter No.: -HIL/ESR/GP-IV/4 -20-21/09-297

Date: 14.09.2021

✓ The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryawas Bhawan, North Block Sector-19,
Naya Raipur Chhattisgarh - 490099.

Sub.: Submission of Environmental Statement Report of the Gare Palma IV/4 Coal Mines of M/s Hindalco Industries Limited, Village – Banjikhola, Tehsil – Tamnar, Distt. –Raigarh, Chhattisgarh – 496107.

Ref. Consent under section 25/26 of the Water (Prevention and control of pollution) Act, 1974 & under section 21 of the Air (Prevention and control of pollution) Act, 1981 no. 11357/TS/CECB/2021, Naya Raipur, dated: - 23/03/2021.

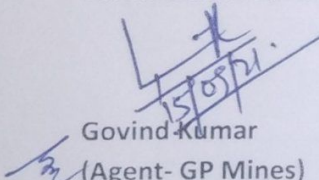
Dear Sir,

With reference to above subject we are submitting herewith the Environmental Statement Report in the prescribed format (Form - V) in respect of the Gare Palma IV/4 Coal Mine of M/s Hindalco Industries Limited, Village – Banjikhola, Tehsil – Tamnar, Distt. –Raigarh, Chhattisgarh – 496107 for the Financial Year 2020 -21.

Receipt of the statement may kindly be acknowledged.

Thanking you,

Yours faithfully,
For Hindalco Industries Limited,


Govind Kumar
(Agent- GP Mines)

Encl.: As above

- CC: 1. The Integrated Regional Office, Ministry of Environment Forests & Climate Change (MoEF & CC) Aranya Bhawan, North Block, Sector – 19, Naya Raipur, Atal Nagar, Chhattisgarh, 492002
2. The Director, Ministry of Environment, Forest & Climate Change, Paryavaran Bhawan, Jorbagh Road New Delhi – 110003.
3. The Regional Director, Regional Directorate (Central), Bhopal, Central Pollution Control Board (MoEF & CC, GOI), “Parivesh Bhawan” Paryavaran Parishar, E – 5, Arera Colony, Bhopal (MP), 462016
4. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032
5. Regional Officer, Chhattisgarh Environment Conservation Board (CECB), T. V. Tower Road, Raigarh (C.G.)

Hindalco Industries Limited

Gare Palma Mines (IV/4 & IV/5), Vill & Po: Milupara , Tehsil: Tamnar Dist: Raigarh- 496107 , Chhattisgarh
T: +91 7762 228212, Website : www.hindalco.com E mail : hindalco@adityabirla.com
Registered Office : Ahura Centre, 1st Floor, B Wing, Mahakali Caves Road Andheri (East) , Mumbai 400093, India
T: + 912266917000 | Fax: + 912266917001
Corporate ID No: L27020MH1958PLC011238

FORM V

(See rule 14 of Environmental Protection Act, 1986)

Environmental Statement for the financial year 1st April -2020 to 31st March 2021.

PART A

(i)	Name and address of the owner/occupier of the industry operation or process.	Sh. Govind Kumar (Mines Agent), Gare Palma IV/4 Coal Mine of M/s Hindalco Industries Limited, Village – Banjikhhol, Tehsil – Tamnar, Distt. –Raigarh, Chhattisgarh – 496107
(ii)	Industry category Primary – (STC Code) Secondary - (STC Code)	Primary
(iii)	Production Capacity (Units)	Total Capacity – 1 MTPA, Coal Mining (Open cast - 0.56 MTPA and Under Ground – 0.44 MTPA)
(iv)	Year of establishment	Coal Mine vested to Hindalco Industries Limited vide order no. 104/16/2015/NA dated 23rd March 2015. The EUPs are as follow- 1. CPP (900 MW), Lapanga, Sambalpur, Odisha 2. CPP (467.5 MW), Hirakud, Sambalpur, Odisha
(v)	Date of the last environmental statement submitted	21.09.2020 for FY 2019- 20

PART B

(1) Water consumption M3/day: For the Period April' 20 to March 2021

(i)	Process	405
	Cooling	
(ii)	Domestic	
a	Inside the Mine premises	28
b	Outside the Mine Premises	17
(iii)	Irrigation & Agriculture use (Community Supply not for drinking purpose)	1366
	Total	1816

S. No.	Name of Product	Process water consumption per unit of product output	
		During the Previous financial year (2019 - 20)	During the current financial year (2020 - 21)
(1)	Coal	NA	NA

This is a coal mine and there is no processing / cleaning of coal is being done.

(2) Raw material consumption

Sr. No.	Name of Raw material	Name of product	Consumption of raw material per unit	
			During the Previous financial year (2019 - 20)	During the current financial year (2020 - 21)
1.	NA	Coal production for FY 2020 -21: Open Cast: 0.261 (Million Tons) Under Ground: 0.00 (Million Tons) Total Coal Production: 0.261 (Million Tons)	NA	NA

Industry may use codes in disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.
(Parameter as specified in the consent issued)

S. No.	Pollution	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
1	Water	No Discharge	No Discharge	<p>No Variation</p> <p>HIL has constructed 03 nos of Settling ponds of size 50m X 30m X 3m (each) with chemical dosing arrangement and sump with adequate capacity (for sedimentation) at Banjikhola for the mine seepage water collection, settling & treatment before discharge for the agriculture purpose</p> <p>Also HIL constructed an additional settling pond of size 30m X 10m X 1.5m (01Nos) to collect whole mine seepage water generated during the mining activities from Patch "C" specially in the rainy season for proper settling of mine seepage water before discharge.</p> <p>At Bankheta, HIL constructed 02 nos. of additional settling pond of size (50m X 40m X 5.0 m) for proper settling of mine seepage water generated from mining activities from Batch "B" before discharge for the agriculture purpose.</p> <p>Also HIL established the Effluent Treatment plant of Capacity 50 m³/day to treat the waste water generated from the HEMM washing bay (before & after maintenance of HEMM) and the treated water is being reused in the dust suppression, greenbelt development & again washing of HEMM.</p>
2	Air (Ambient Air)	<p>The ambient air quality in the mining lease area conforms to the standard prescribed by CPCB as per NAAQS – 2009. As per the monitoring reports submitted by CECB & MoEF & CC approved & NABL accredited Laboratory, the concentration of ambient air quality parameters varies in the following ranges through out the year conforming the standard.</p> <p>AAQM Report attached as <u>Annexure - 1</u></p>		
	Parameters	Pollutant Concentration (µg/m³)	Standards (NAAQS - 2009)	Variation from prescribed standards
2(i)	PM10	34 – 53 (Average : 44)	100	No variation

2(ii)	PM2.5	18 – 25 (Average : 23)	60	No variation
2(iii)	SO2	8 – 13 (Average : 11)	80	No variation
2(iv)	NO2	13 – 25 (Average : 21)	80	No variation
2(v)	CO	0.5 – 1.3 (Average : 1)	4	No variation

PART D

Hazardous Wastes

(As specified under Hazardous Wastes (Management and Handling Rules 1989))

S. No.	Hazardous Wastes	Total Quantity (kg)	
		During the previous financial year (2019 - 20)	During the current financial year (2020 - 21)
a	From process	<p>Generated: 267 kg. Used Oil (Category - 5.1), 25 kg Waste/Residue containing Oil (Category - 5.2), 0.0 kg Contaminated Cotton Waste/ Other Cleaning Material (Category - 33.2)</p>	<p>Generated: 560 kg of Used Oil (Category - 5.1), 30 kg Waste/Residue containing Oil (Category - 5.2), 17.0 kg Contaminated Cotton Waste/ Other Cleaning Material (Category - 33.2)</p> <p>Disposed off through authorized recycler: 420 Kg. of Used Oil (Category - 5.1) & aprox. 100 kg. of used oil utilized in-house in lubrication work at mechanical workshop at mine site.</p> <p>Due to small quantity of HW category, 5.1 5.2 & 33.2 no recyclers wise to lift it from the mine site, so the quantity is stored in HIL Hazardous Waste storage site in a safe manner for further disposal i.e. 40 kg of Used Oil (Category - 5.1), 30.0 kg Waste/ Residue containing Oil (Category - 5.2), 17.0 kg Contaminated Cotton Waste/ Other Cleaning Material (Category - 33.2).</p>
b	From pollution control facilities	Nil	Nil
c	Quantity recycled or re - utilized	<p>Hazardous Waste generated at mine site is disposed off through CECB/CPCB authorized recycler following due standard practices.</p> <p>Recycler: M/s Columbia Petro Chemical, 22 industrial Area, Bhanpuri, Raipur (CG)</p> <p>HW Authorization No.: 10334/HSMD/HO/CECB/2020 dated 19/02/2020.</p> <p>Valid up to : 05.01.2025</p>	

PART E
Solid Wastes.

S. No.	Solid Waste	Total quantity	
		Previous financial Year (2019 - 20)	Current financial year (2020 - 21)
A	From process	Over burden- 3.752 MM³	Over burden- 2.59 MM³
B	From pollution control facility	Nil	Nil
C (i)	Quantity recycled or re- utilizes within the unit	3.752 MM³ (Concurrent backfilling of OB is under progress. After backfilling biological reclamation is being done)	2.59 MM³ (Concurrent backfilling of OB is under progress. After backfilling biological reclamation is being done)
(ii)	Sold	NA	NA
(iii)	Disposed	NA	NA

PART F

<p>Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes</p>	<p>Characteristics of Used Oil (Cat. 5.1)</p> <p>A. Physical</p> <ol style="list-style-type: none"> 1. State - Liquid/ Semi Liquid. 2. Density@ 25 °C gm/ml - 0.782 3. Flash Point °C - 58.0 <p>B Chemical</p> <ol style="list-style-type: none"> 1. Sulphur (%by mass) - 1.96 2. Total Ash (% by mass) - 0.142 <p>Characteristics of Waste/Residue containing Oil (Cat. 5.2)</p> <p>A. Physical</p> <ol style="list-style-type: none"> 1. State - Liquid/ Semi Liquid. 2. Density@ 25 °C gm/ml - 0.562 3. Flash Point °C - 46.0 <p>B Chemical</p> <ol style="list-style-type: none"> 1. Sulphur (%by mass) - 0.94 2. Total Ash (% by mass) - 0.11 <p>Characteristics of Contaminated Cotton Rags/Other cleaning material (Cat. 33.2)</p> <p>A. Physical</p> <ol style="list-style-type: none"> 1. State - Liquid/ Semi Liquid. 2. Density@ 25 °C gm/ml - 0.182 3. Flash Point °C - 44.0 <p>B Chemical</p> <ol style="list-style-type: none"> 1. Sulphur (%by mass) - 0.48 2. Total Ash (% by mass) - 0.12 <p>Used Oil (HW Cat 5.1), Waste/ Residue containing Oil (Category - 5.2) & Contaminated Cotton Rags/Other cleaning material (Cat. 33.2) which is generated from the HEMM/ equipment during scheduled maintenance is collected and stored securely in MS barrels after due</p>
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	<p>segregation and kept over an impervious floor under specifically designed HW storage shed. Analysis report attached as Annexure - 2</p>
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PART G

<p>Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production</p>	<p>We have adopted eco-friendly technologies in mining operation and measures are taken as, construction of ETP & RO Plants, Fixed type & Truck mounted water sprinklers, Green belt development, Vetiver grass plantation at OB dump near Patch "C" Banjikhoh, installation of Automatic ground water level recorder Automatic weather monitoring station, DWFM with telemetric provision, installation of LED display board to display the monitoring data of environmental quality parameters of GP Mines at the entrance of the Mine main gate, reclamation of OB dump etc.</p>
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PART H

<p>Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.</p>	<p>For strengthening of environmental protection measures like Air pollution control measure, Water pollution control measure, water sprinkling, plantation etc. The expenditure details enclosed as Annexure-3.</p>
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PART I

<p>Any other particulars for improving the quality of the environment</p>	<p>Company have planted about 91300 saplings in mines area details enclosed as Annexure - 4. Company have further plan for phase wise plantation in available open place. Company is providing safety training to all working staff before assignment of job in V.T. Center that is established by the company inside the mine premises.</p> <p>Personal Protective equipment's- Like Nose mask, safety Helmet, Earmuff etc. have been provided to all workers that are working in mines.</p> <p>To avoid fugitive dust emission regular water sprinkling on haul road and other areas being done. Company is providing job specific PPEs like noise protective equipment – earplug & ear muff to worker engaged in high noise area .</p>
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Ambient Air Quality Monitoring Report of GP IV/4 Coal Mine of Hindalco Industries Limited, Raigarh

S N	Locations	Parameters	Standards	2020 - 21												Average
				Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	
1	Near Office Area, Banjikhohol	PM ₁₀	100 µg/m ³	35.67	51.50	45.38	44.13	39.75	42.00	44.00	42.00	45.00	40.00	41.25	43.25	42.83
		PM _{2.5}	60 µg/m ³	17.00	25.00	23.00	23.13	21.75	23.75	25.25	23.75	25.00	21.25	22.75	24.50	23.01
		SO ₂	80 µg/m ³	7.00	11.50	9.88	9.63	9.50	10.50	12.50	11.75	11.00	10.25	12.25	9.50	10.44
		NO _x	80µg/m ³	13.67	24.50	21.38	21.00	20.50	23.25	23.25	23.25	24.00	21.75	22.50	21.00	21.67
		CO	4 mg/m ³	0.33	1.24	1.15	0.98	0.89	0.94	1.26	1.04	0.80	0.93	1.04	1.03	0.97
2	ETP Area, Banjikhohol	PM ₁₀	100 µg/m ³	34.00	52.25	43.63	43.00	38.75	40.75	42.75	40.00	44.00	39.50	40.75	43.75	41.93
		PM _{2.5}	60 µg/m ³	18.67	24.25	20.88	22.25	21.75	23.25	25.25	23.75	24.00	22.25	22.75	24.25	22.77
		SO ₂	80 µg/m ³	8.00	11.38	9.38	9.75	9.25	10.25	11.75	9.00	12.00	8.75	10.75	12.00	10.19
		NO _x	80µg/m ³	12.67	24.13	16.63	17.88	18.88	22.00	24.25	21.50	21.00	20.00	22.00	22.00	20.24
		CO	4 mg/m ³	0.60	1.30	1.13	0.96	0.90	0.96	1.20	0.99	0.90	0.94	0.99	1.06	0.99
3	Near Office area, Bankheta	PM ₁₀	100 µg/m ³	31.33	53.00	45.25	43.00	42.00	43.25	44.50	49.75	53.00	48.25	49.38	50.25	46.08
		PM _{2.5}	60 µg/m ³	15.67	23.75	22.50	23.00	22.00	24.25	25.00	24.00	23.00	22.00	23.25	23.25	22.64
		SO ₂	80 µg/m ³	8.00	12.88	11.00	10.00	9.75	11.25	13.38	10.00	13.00	9.75	11.75	14.00	11.23
		NO _x	80µg/m ³	12.33	25.50	17.38	18.25	17.50	20.00	22.75	21.00	23.00	20.00	22.00	24.00	20.31
		CO	4 mg/m ³	0.43	1.36	0.93	0.91	0.90	0.95	1.25	0.88	1.10	0.89	1.01	1.18	0.98
4	Near Pit office, Bankheta	PM ₁₀	100 µg/m ³	36.33	55.50	45.75	45.25	41.00	42.75	43.25	44.25	44.00	42.25	41.75	43.50	43.80
		PM _{2.5}	60 µg/m ³	19.33	24.00	23.25	24.75	23.25	23.13	24.25	25.00	24.00	23.00	22.75	23.50	23.35
		SO ₂	80 µg/m ³	8.33	14.63	8.88	10.38	9.50	11.25	13.25	11.00	13.00	9.25	11.25	12.75	11.12
		NO _x	80µg/m ³	13.67	27.50	16.88	19.50	20.50	22.50	23.75	22.00	21.00	20.00	22.00	20.00	20.77
		CO	4 mg/m ³	0.50	1.35	1.04	0.89	0.86	1.13	1.36	1.00	0.90	0.93	0.98	1.19	1.01

	Parameters	Pollutant Concentration ($\mu\text{g}/\text{m}^3$)	Standards (NAAQS – 2009)	Variation from prescribed standards
2(i)	PM10	34 – 53 (Average : 44)	100	No variation
2(ii)	PM2.5	18 – 25 (Average : 23)	60	No variation
2(iii)	SO2	8 – 13 (Average : 11)	80	No variation
2(iv)	NO2	13 – 25 (Average : 21)	80	No variation
2(v)	CO	0.5 – 1.3 (Average : 1)	4	No variation



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

<i>Name & Address Of The Customer</i>		REPORT NO	UES/TR/20-21/0099		
TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107		LAB REF NO	UES/20-21/MISC/0100		
		DATE OF SAMPLING	16/03/2021		
		DATE OF RECEIPT	17/03/2021		
		DATE OF REPORT	01/04/2021		
		DATE OF ANALYSIS	START: 17/03/2021	END: 31/03/2021	
		SAMPLE DETAILS			
CUSTOMER REF. NO. & DATE	N/PO/SRV/2021/0035, DTD. 21-AUG-2020				
CUSTOMER SAMPLE ID	OIL (BANJHIKHOL)				
SAMPLE TYPE	USED OIL (HW CATEGORY - 5.1)				
SAMPLE CONDITION AT RECEIPT	OK				
PACKING OF SAMPLE	PLASTIC BOTTLE				
SAMPLE COLLECTED BY	LABORATORY CHEMIST				
QUANTITY RECEIVED	APPROX 1.0 LTR.				

TEST REPORT				
S.R. NO	PARAMETERS	UNIT	METHOD OF TEST	RESULTS
1	Total Ash	%/mass	IS:1448 (Part-4) : 1984	0.142
2	Flash Point	°C	IS:1448 (Part-20) : 1998	58.0
3	Sulphur	%/mass	IS:1448 (Part-33) : 1991	1.96
4	Density @ 25°C	Gm/ml	IS:1448 (Part-16) : 1990	0.782
Remarks: N.D. - Not Detected				

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 PREPARED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

<i>Name & Address Of The Customer</i>		REPORT NO	UES/TR/20-21/0225	
TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST - MILUPARA, DISTT. - RAIGARH (C.G.) 496107		LAB REF NO	UES/20-21/MISC/0269	
		DATE OF SAMPLING	16/03/2021	
		DATE OF RECEIPT	17/03/2021	
		DATE OF REPORT	01/04/2021	
		DATE OF ANALYSIS	START: 17/03/2021	END: 31/03/2021
SAMPLE DETAILS				
CUSTOMER REF. NO. & DATE	N/PO/SRV/2021/0035, DTD. 21-AUG-2020			
CUSTOMER SAMPLE ID	OIL (BANJHIKHOL)			
SAMPLE TYPE	CONTAMINATED COTTON RAGS OR OTHER CLEANING MATERIAL (33.2)			
SAMPLE CONDITION AT RECEIPT	OK			
PACKING OF SAMPLE	PLASTIC BOTTLE			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
QUANTITY RECEIVED	APPROX 1.0 LTR.			

TEST REPORT

SR. NO	PARAMETERS	UNIT	METHOD OF TEST	RESULTS
1	Total Ash	%/mass	IS:1448 (Part-4) : 1984	0.12
2	Flash Point	°C	IS:1448 (Part-20) : 1998	44.0
3	Sulphur	%/mass	IS:1448 (Part-33) : 1991	0.48
4	Density @ 25°C	Gm/ml	IS:1448 (Part-16) : 1990	0.182

Remarks: N.D. - Not Detected

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 PREPARED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS	 AUTHORIZED SIGNATORY
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-----End of the test report-----



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

<i>Name & Address Of The Customer</i>		REPORT NO	UES/TR/20-21/0224	
TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST - MILUPARA, DISTT. - RAIGARH (C.G.) 496107		LAB REF NO	UES/20-21/MISC/0268	
		DATE OF SAMPLING	16/03/2021	
		DATE OF RECEIPT	17/03/2021	
		DATE OF REPORT	01/04/2021	
		DATE OF ANALYSIS	START: 17/03/2021	END: 31/03/2021
SAMPLE DETAILS				
CUSTOMER REF. NO. & DATE	N/PO/SRV/2021/0035, DTD. 21-AUG-2020			
CUSTOMER SAMPLE ID	OIL (BANJHIKOL)			
SAMPLE TYPE	WASTE / RESIDUES CONTAINING OIL (HW CATEGORY - 5.2)			
SAMPLE CONDITION AT RECEIPT	OK			
PACKING OF SAMPLE	PLASTIC BOTTLE			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
QUANTITY RECEIVED	APPROX 1.0 LTR.			

TEST REPORT				
SR. NO	PARAMETERS	UNIT	METHOD OF TEST	RESULTS
1	Total Ash	%/mass	IS:1448 (Part-4) : 1984	0.11
2	Flash Point	°C	IS:1448 (Part-20) : 1998	46.0
3	Sulphur	%/mass	IS:1448 (Part-33) : 1991	0.94
4	Density @ 25°C	Gm/ml	IS:1448 (Part-16) : 1990	0.562
Remarks: N.D. - Not Detected				

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 PREPARED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS	 AUTHORIZED SIGNATORY
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-----End of the test report.....

Gare Palma IV/4 Coal Mines
M/s Hindalco Industries Limited,
Environmental Expenditure Details for FY 2020-21

Particulars	Amount (Lakh)
Water Quality Management	34.85
Air Quality Management	7.19
Plantation, Green Belt Development	6.29
Others	34.94
Total	83.27

Hindalco Industries Limited Green Belt Development Status

Year wise plantation detail of Gare Palma IV/4 Coal Mine									
Sl No.	Name of the Organisation	Year	Target	Location	Area Covered in Plantation (hectare)	No. of Tree Planted (Approx.)	Number of Plant Survived	Survival Rate (%)	Sapling Details
1	Hindalco Industries Limited, GP IV/4 coal Mine, Village - Bankheta, Tehsil - Tamnar, Dist. Raigarh (CG) 496107	Upto 2015		Coal mine lease area/OB Dump.	18.0	53000	45050	85.00	Siris, Shisham, Yellow flametree, Kassod, Satvan, Acacia Mangium, Ganga Emli, Arjuna, Chirol, Gliricidia, Amla, Mango, guava, Neem, Pipal, Ficus sp., Peltafarm, Nilgiri, Casia Samia, Gulmohar, Acacia Coliformis, Jamun, Kachnar, Baheda & Kathal etc.
		2016	6500		2.3	6500	5850	90.00	
		2017	10000		3.5	10000	8700	87.00	
		2018	5000		1.7	5000	4350	87.00	
		2019	6000		2.4	6600	5940	90.00	
		2020	8900		3.8	10200	9570	93.82	
Total					31.8	91300	79460	87.03	

Note : Gap filling of plants is a continous process

Green Belt Development Photographs





