

ମହାନଦୀ କୋଲ୍ ଫିଲ୍ଡ୍ସ୍ ଲିମିଟେଡ୍  
महानदी कोलफील्ड्स लिमिटेड  
Mahanadi Coalfields Limited  
(A subsidiary of Coal India Limited)

OFFICE OF THE PROJECT OFFICER (T&D)  
TALCHER COLLIERY  
AT/PO: DERA, TALCHER, DIST: ANGUL  
(ODISHA), PIN: 759103  
E\_mail: potalcher2016@gmail.com  
aeotalmcl@gmail.com



MCL

Ref.No: PO(T&H/D)/TAL/EC Compliance/2025-26/ 62

Dt 26 .06.2025

To  
The Addl. Principal Chief Conservator of Forests,  
Ministry of Environment Forest & Climate Change,  
Eastern Zonal Office,  
A-3, Chandrashekharpur,  
Bhubaneswar-751023

**Sub:-Submission of Half Yearly Compliance Report of Environmental Clearance condition in respect of TALCHER U/G Mine (0.27 MTY)**

Dear Sir,

Enclosed please find herewith Half Yearly Compliance Report along with Form-I, II & III and abstract of the monitoring report of Ambient Air, Noise level & Water Effluent quality in respect of TALCHER U/G Mine (0.27 MTY) for the period from October'2024 to March'2025

This is for your kind information & necessary action.

Encl: As above.

Yours faithfully

  
PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY

**Copy for Kind information to:-**

1. The Director, E.I.A Monitoring Cell, Ministry of Environment & Forest, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi-100003 (With Encl.)
2. The Member Secretary, State Pollution Control Board (Odisha), A/118, Nilakanthanagar, Unit-VIII, BBSR-751012. (With Encl.)
3. The Regional Officer, SPCB (Odisha), Regional Office, Industrial Estate, Angul. (With Encl.)

**Copy to:-**

1. The General Manager, MCL, Talcher Area.
2. The General Manager (Environment,) MCL HQ, Burla, Sambalpur.
3. The Colliery Manager, Talcher Colliery.
4. The Area Environment Officer, Talcher Area (with Encl.)
5. The Nodal Officer (Envt.), Talcher Colliery (with Encl.)

  
PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY

**HALF YEARLY PROGRESS REPORT**  
**OF COMPLIANCE WITH**  
**ENVIROMENTAL CLEARANCE**  
**CONDITIONS**

**(OCTOBER-2024 TO MARCH-2025)**

**TALCHER U/G MINE (0.27MTY)**



**MCL**

**MAHANADI COALFIELDS LIMITED**  
**TALCHER AREA**  
**AT/PO: DERA, TALCHER, ODISHA**  
**PIN-759103.**

# Present Status of the Project

*The coal production in Talcher Colliery is temporarily suspended since dt.24.02.2018 due to access restriction as per Clause No.158 of CMR Act'2017.*

*The mine will be re-opened shortly through MDO mode (Revenue Sharing basis) and the remaining extractable reserves will be mined out within next 25 years.*

## COMPLIANCE OF EC CONDITIONS OF TALCHER COLLIERY

Sl. No	EC Conditions	Compliance Status																					
1.	The SPM level in the ambient air should not exceed 500 µg/m at any observation point within the mine leasehold. The emissions of SO <sub>2</sub> , NO and CO should be maintained below the levels prescribed by the competent authority.	<p>Coal production in the mine has been suspended since 24.02.2018. However, all parameters viz. SPM, SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> are being monitored on fortnightly basis. The values of all parameters are found to be within the prescribed limits. The average value of the same is given below:-</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 15%;">Location</th> <th style="width: 10%;">Parameters</th> <th style="width: 15%;">SPM (µg/m<sup>3</sup>)</th> <th style="width: 15%;">PM<sub>10</sub> (µg/m<sup>3</sup>)</th> <th style="width: 15%;">PM<sub>2.5</sub> (µg/m<sup>3</sup>)</th> <th style="width: 15%;">SO<sub>2</sub> (µg/m<sup>3</sup>)</th> <th style="width: 15%;">NO<sub>x</sub> (µg/m<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Officer's Club, TA</td> <td style="text-align: center;">Avg.</td> <td style="text-align: center;">245.33</td> <td style="text-align: center;">142.25</td> <td style="text-align: center;">62.25</td> <td style="text-align: center;">14.90</td> <td style="text-align: center;">27.60</td> </tr> <tr> <td style="text-align: center;">Canteen, Talcher colliery</td> <td style="text-align: center;">Avg.</td> <td style="text-align: center;">245.25</td> <td style="text-align: center;">134.58</td> <td style="text-align: center;">63.17</td> <td style="text-align: center;">14.31</td> <td style="text-align: center;">24.80</td> </tr> </tbody> </table>	Location	Parameters	SPM (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	Officer's Club, TA	Avg.	245.33	142.25	62.25	14.90	27.60	Canteen, Talcher colliery	Avg.	245.25	134.58	63.17	14.31	24.80
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Canteen, Talcher colliery	Avg.	245.25	134.58	63.17	14.31	24.80																	
2.	The quality of effluent finally discharged into the main water course shall conform to the standard prescribed under notification No.0511 919(II) dated 12.09.1988.	<p>Coal production in the mine has been suspended since 24.02.2018. However, mine discharge water is being properly treated at Treatment plant and quality of effluent is regularly monitored. The values of all parameters are found to be within the prescribed limits. The detailed report of Effluent Quality is given in as Annexure-II. The average value of the same is given below:-</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 15%;">Location</th> <th style="width: 10%;">Parameters</th> <th style="width: 15%;">pH</th> <th style="width: 15%;">O&amp;G</th> <th style="width: 15%;">TSS</th> <th style="width: 15%;">COD</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Mine Discharge water</td> <td style="text-align: center;">Avg.</td> <td style="text-align: center;"><b>7.29</b></td> <td style="text-align: center;"><b>&lt;4.0</b></td> <td style="text-align: center;"><b>31.58</b></td> <td style="text-align: center;"><b>25.33</b></td> </tr> </tbody> </table>	Location	Parameters	pH	O&G	TSS	COD	Mine Discharge water	Avg.	<b>7.29</b>	<b>&lt;4.0</b>	<b>31.58</b>	<b>25.33</b>									
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Mine Discharge water	Avg.	<b>7.29</b>	<b>&lt;4.0</b>	<b>31.58</b>	<b>25.33</b>																		
3.	The likely subsided area should be brought back to the original land use pattern to the maximum extent possible the reclamation of subsided area and subsequent plantation /agricultural activity should be carried out as per the Environmental management plan. The ultimate area of agricultural land after mining operation should be 694 hectares.	There is no occurrence of subsidence so far, so the original land use pattern is not disturbed due to mining operation.																					

4.	The coal Handling Plant and Fan House should be designed to minimize noise and polymers including rubber and polyurethane should not exceed the norms prescribed by the competent authority.	<p>Coal production has been suspended since 24.02.2018. No mining activities except dewatering takes place. However, noise level is being regularly monitored and it is found within the prescribed standard.</p> <table border="1" data-bbox="738 199 1388 388"> <thead> <tr> <th colspan="4">Noise Level Measurement (dBA)</th> </tr> <tr> <th rowspan="2">Location</th> <th colspan="2">1) GM Office</th> <th colspan="2">2) Canteen, Talcher Colliery</th> </tr> <tr> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> </tr> </thead> <tbody> <tr> <td>Avg.</td> <td><b>67.76</b></td> <td><b>51.50</b></td> <td><b>67.45</b></td> <td><b>49.54</b></td> </tr> </tbody> </table>	Noise Level Measurement (dBA)				Location	1) GM Office		2) Canteen, Talcher Colliery		Day	Night	Day	Night	Avg.	<b>67.76</b>	<b>51.50</b>	<b>67.45</b>	<b>49.54</b>
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Avg.	<b>67.76</b>	<b>51.50</b>	<b>67.45</b>	<b>49.54</b>																
5.	Regular monitoring of ambient air and water quality and noise levels should be done and recorded data should be furnished to this Department once in three months.	Regular monitoring of air, water and noise level are being carried out and are found within prescribed limit. Recorded data of air, water & noise quality are being furnished and submitted to MoEF&CC at regular intervals.																		
6.	No change methodology of working and the scope of working should be made without the approval of this Ministry.	Coal production itself suspended in the mine since 24.02.2018. At present there is no mining activity except dewatering to fulfill the demand of surrounding villagers. Hence there is no chance of change in methodology of working.																		
7.	The green belt around associated industrial complete residential colony should be provided as per the Environmental Management plan. The afforestation scheme should lay on mixed culture rather than mono-culture	<p>As per EMP, adequate plantation has already been done in the mine leasehold area of the mine. Moreover, considerable amount of plantation is being done every year by departmental as well as through Agencies like OFDC, DFO, CGRVVNL etc. over the free spaces wherever available. No. of plantation done in the recent years are as follows:-</p> <p>2019-20: 945  2020-21: 2260  2021-22: 2914  2022-23: 4400  2023-24: 550  2024-25: 650</p>																		
8.	The project authority should submit to this Ministry a quarterly in respect of environmental control measures.	Environmental control measures report is being sent in terms of compliance report on Half-yearly basis.																		
9.	Separate Environmental management cell with suitably qualified personal to carry out various functions relating to Environmental management should be set up under the control of senior technical person who will directly report to chief Executive of the area. A laboratory facility should be set up for collection and analysis of samples.	<p>A separate environment management cell with suitably qualified personal is established under the control of Senior technical person who can directly report to General Manager of the area.</p> <p>Environmental monitoring works is being done through CMPDIL having adequate laboratory facilities as required by SFCB.</p>																		

**FORM -1**  
**MINISTRY OF ENVIRONMENT & FOREST**  
**REGIONAL OFFICE**  
**MONITORING PROFORMA PART - I (DATA SHEET)**

1	Project type: River-Valley / Mining / Industry / Thermal / Nuclear / Other (Specify)	Mining
2	Name of the Project	Talcher Colliery (UG)
3	Clearance letter(s) OM No. & dt.	J – 11015/5/91.1A-11 dated. 22.6.1992
4	Location:	Angul, Odisha
	a) District(s), State(s)	
	b) Address of concerned project Chief Engineer (with pin code & Telephone/Telex/Fax Nos.) c) Address of Executive Project Engineer Manager with Pin code and Telephone/Telex/Fax Nos.)	Sri A.A.Ansari, Project Officer (T&H/D), Talcher Colliery, Dist-Angul (Odisha), Pin-759103
5	Salient Features: a) Of the Project b) Of the Environment Manager plan	It is an underground project produced coal with help of SDL's & loco etc. EMP of 0.27 MTY as per EMP
6	Breakup of the Project Area	
	a) Submergence area (forest & non-forest) b) Others	NA NA
7	Breakup of the Project affected population with enumeration of those losing houses/dwelling units only agricultural lands only, both dwelling units and agricultural land and less laborers/artisans.	
	a) SC/ST Advises b) Others	NA NA
8	<b>Financial Details:</b>	
	a) Project costs as originally planned and subsequent revised estimates and the years of price reference.	3869 Lakhs
	b) Allocation made for environment management plans, with item wise and year wise breakup.	Allocation made for EMP – 31.54 lakhs a) Afforestation cost: 2.8 lakhs; b) Pollution measuring cost: 12.32 lakhs;
	c) Benefit cost ratio/interest rate of return and year assessment.	c) Env't. Quality data gen. cost: 16.42 lakhs
	d) Whether © includes the cost of environment management as shown in (B) above.	Yes
	e) Actual expenditure incurred on the Project so far	47.43 Crores
	f) Actual expenditure incurred on the environment management plans	121.03 Lakhs (2024-25; till date)
9	Forest and requirements	
	a) A status of approval of diversion of forest and non-forestry use.	Obtained Stage-II FC for the entire forest land for UG mining operation.
	b) A status of clean filling in forest and non-forest lands	Nil
	c) Comments on availability and sustainability compensatory afforestation program in the light of actual fell experience	Nil

10.	The funds (Both capital and revenue) earmarked for environmental control measures should not be diverted for any other purpose.	<p>The funds earmarked for environmental control measures are being utilized and it is not used for any other purpose. Expenditure of Environmental protection in the last 3 years are given below:-</p> <table border="1" data-bbox="802 226 1344 527"> <thead> <tr> <th>Year</th> <th>Expenditure for Environment Protection</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td>28.00 Lakhs</td> </tr> <tr> <td>2020-21</td> <td>31.95 Lakhs</td> </tr> <tr> <td>2021-22</td> <td>53.58 Lakhs</td> </tr> <tr> <td>2022-23</td> <td>144.49 Lakhs</td> </tr> <tr> <td>2023-24</td> <td>143.93 Lakhs</td> </tr> <tr> <td>2024-25</td> <td>148.03 Lakhs</td> </tr> </tbody> </table>	Year	Expenditure for Environment Protection	2019-20	28.00 Lakhs	2020-21	31.95 Lakhs	2021-22	53.58 Lakhs	2022-23	144.49 Lakhs	2023-24	143.93 Lakhs	2024-25	148.03 Lakhs
Year	Expenditure for Environment Protection															
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2023-24	143.93 Lakhs															
2024-25	148.03 Lakhs															
11.	The Ministry may additional conditions if so necessitated either by in scope of the project or on the basis of feedback on impacts.	NA.														

*[Handwritten Signature]*  
26/6/2025

**PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY**

*[Handwritten Signature]*

## FORM-II

### PROFORMA FOR PROVIDING INFORMATION ON REHABILITATION

1	No. of Villages Affected	Nil				
2	Families Affected	Nil				
3	Compensation package offered per family <table border="1"><tr><td>State/Centre Norms</td><td>Project package</td></tr><tr><td colspan="2">As per State Government R&amp;R policy</td></tr></table>	State/Centre Norms	Project package	As per State Government R&R policy		Nil
State/Centre Norms	Project package					
As per State Government R&R policy						
4	Budget Estimate for rehabilitation a) Total Outlay b) Amount Paid/used	Nil				
5	Employment Details Total Employment to be provided Employment given So far	Nil				
6	Rehabilitation /Resettlement details a) No. of Families rehabilitated Name of the site Families Rehabilitated b) Families yet to be rehabilitated Name of the site No. of families	Nil				
7	Any other Information	Nil				

  
26/6/2025  
PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY

	so far.	
10	Status of Construction. a) Date of commencement (actual and/or planned) b) Date of completion (actual and/or planned)	1926 1928
11	Reason for the delay if the project is yet to start.	NA
12	Date of site visit a) The dated on which the project was monitored by the Regional Officer on the previous occasions if. b) Date of site for the monitoring report.	24.02.2025 24.02.2025
13	Details of correspondence with Project Authorities for obtaining action plans information and status of compliance to safeguards.	NA

*[Handwritten Signature]*  
26/6/2025

**PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY**

*[Handwritten Signature]*

## FORM-III

### **FORMAT FOR PROVIDING PARTICULARS ON GREEN BELT/PLANTATION UNDER FC ACT 1980 AND E (P) ACT 1986**

1. a. Name of Organization : MAHANADI COALFIELDS LTD.  
b. Env't clearance order No. : J – 11015/5/91.1A-11 dated. 22.6.1992
2. Location, Block/Sub Division/  
District./State. : Dera, Talcher, Dist-Angul/Odisha
3. Address for communication : Project Officer, Talcher Colliery,  
Po-Dera, Dist – Angul, Odisha, Pin-759103
4. Existing vegetation in the area/region  
a. Species (Trees/shrub/Grasses/climbers.) : Sal, Bargad, Kendu, Mango, Pattas & grass etc  
b. major prevalent species of each type : ---
5. Land coverage by the project  
a. Total Area under the project : 1140 Ha.  
b. Area covered for basic infrastructure  
(road, building/factory etc.) : 119.8 Ha.
6. Details about natural vegetation  
a. Name and number of tree/species felled : Nil  
b. Name and number of plants species still  
available in the area : Sal, Bargad, Kendu, Mango, Pattas & grass etc  
: 1,13,350 Nos  
c. By protecting the area will indigenous : Nil  
d. Extent of green belt developed. : ---
7. Plantation required to be carried out as per.  
a. Condition of Environment  
(Clearance in Ha/No.s plants/Ha) : 2500 Nos.plants/Ha  
b. A condition of forest © Act  
Forest clearance in Ha/No. : 1600 Nos.plants/Ha  
c. Voluntarily in Ha. /Nos. : 2500 Nos./Ha.

8. Details about plantation.

Total area available for plantation in 2025-26 in each category.

Green belt	Ext dump	B/F Area	Road sides	Block plantations	Remarks
Nil	Nil	Nil	Nil	Nil	Fruit bearing plants and forestry species were planted

Plantation details (Category wise & methodology used)

Year of plantation	Species planted	Spacing	Height attained	Total area covered till March'2024	Plantation program in 2024-25 (till date)
1990-91 to 2024-25	Indigenous species	2m x 2m	5 to 8 meter	50.16 Ha	650 nos

Survival % of plantation (for last five years): 80 – 85 % after 3 years of plantation.

9. Agency carrying out plantation and maintenance : Departmental

10. Financial Details. (Year wise and item wise)

SI No	Year	Fund allocated (In Lakh Rs. For 3/5 years)	NO. OF PLANTS	Average cost each surviving plants (in Rs.) plantation scheme valid for 3/5 years)
1.	1990-91	1.64	12000	17.08 for 9600 plants
2.	1991-92	1.77	12500	17.7 for 10000 plants
3.	1992-93	2.0	15000	16.67 for 12000 plants
4.	1993-94	1.6	13000	15.38 for 10400 plants
5.	1994-95	3.75	29000	16.16 for 23200 plants
6.	1995-96	6.55	20500	39.93 for 16400 plants
7.	1996-97	2.46	3100 & 793	78.99 for 3114 plants
8.	1997-98	Nil	Nil	Nil
9.	1998-99	Nil	Nil	Nil
10.	1999-2000	Nil	Nil	Nil
11.	2000-01	Nil	Nil	Nil
12.	2002-03	Nil	Nil	Nil
13.	2003-04	Nil	Nil	Nil
14.	2003-04	Nil	Nil	Nil
15.	2003-04	Nil	Nil	Nil
16.	2004-05	Nil	Nil	Nil
17.	2005-06	Nil	Nil	Nil
18.	2006-07	Nil	Nil	Nil
19.	2007-08	Nil	Nil	Nil
20.	2008-09	Nil	Nil	Nil
21.	2009-10	3.21	3675	109.18 for 2940 plants
22.	2010-11	Nil	Nil	Nil
23.	2011-12	Nil	Nil	Nil
24.	2012-13	Nil	Nil	Nil
25.	2013-14	Nil	Nil	Nil
26.	2014-15	Nil	Nil	Nil
27.	2015-16	Nil	Nil	Nil
28.	2016-17	5.90	2000	295
29.	2017-18	Nil	Nil	Nil
30.	2018-19	Nil	Nil	Nil
31.	2019-20	0.40	1000	40
32.	2020-21	1.0	2000	50
33.	2021-22	23.0	3950	582.28
34.	2022-23	24.0	4400	545.45
35.	2023-24	Nil	500	-
36.	2024-25	0.50	650	-
<b>Total</b>		<b>77.28</b>	<b>1,22,918</b>	-

### Plant Distribution:

SI No	Year	Fund allocated for distribution of plants	Expenditure made	Average cost for each plants
1	2014-15	0.26 lakhs	0.26 lakhs	Rs.26.2/plant
2	2015-16	0.46 lakhs	0.46 lakhs	Rs.23.0/plant
3	2016-17	3.24 lakhs	3.24 lakhs	Rs.32.4/plant
4	2017-18	3.15 Lakhs	3.15 lakhs	Rs.31.5/plant
5	2019-20	3.35 Lakhs	3.35 Lakhs	Rs.33.5/plant
6	2020-21	3.10 Lakhs	3.10 Lakhs	Rs.31.0/plant
7	2021-22	0.75 Lakhs	0.70 Lakhs	Rs.30.0/plant
8	2022-23	0.95 Lakhs	0.95 Lakhs	Rs.34.55/plant
9	2023-24	1.95 Lakhs	1.95 Lakhs	Rs.34.21/plant
10	2024-25	2.20 Lakhs	2.20 Lakhs	Rs.42.70/plant

10. Inspection of plantation by fields Experts and their comments and Follow up action. : Inspected & found satisfactory
11. Remarks /any other information : - Nil -

## ANNEXURE - I

### AMBIENT AIR QUALITY REPORT (OCTOBER'2024 TO MARCH'2025) TALCHER UNDER GROUND MINE

#### 1) MONITORING STATION: Officer's Club, Talcher Area

DATE	SPM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	Remarks
09.10.2024	226	116	58	14.58	27.83	
30.10.2024	231	132	60	10.54	19.51	
07.11.2024	242	142	65	9.1	38.86	
21.11.2024	278	163	70	23.27	29.04	
07.12.2024	228	136	62	15.12	27.01	
26.12.2024	241	142	64	19.74	30.66	
14.01.2025	268	165	69	10.98	22.41	
29.01.2025	260	167	66	14.93	30.36	
14.02.2025	266	158	65	16.3	33.8	
24.02.2025	247	158	62	16.05	22.94	
07.03.2025	244	145	60	15.41	19.78	
22.03.2025	213	83	46	12.73	29.05	
<b>Max (µg/m<sup>3</sup>)</b>	<b>278</b>	<b>167</b>	<b>70</b>	<b>23.27</b>	<b>38.86</b>	
<b>Min (µg/m<sup>3</sup>)</b>	<b>213.00</b>	<b>83.00</b>	<b>46.00</b>	<b>9.10</b>	<b>19.51</b>	
<b>Avg. (µg/m<sup>3</sup>)</b>	<b>245.33</b>	<b>142.25</b>	<b>62.25</b>	<b>14.90</b>	<b>27.60</b>	

#### 2) MONITORING STATION: Near Canteen, Talcher Colliery

DATE	SPM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	Remarks
09.10.2024	248	128	65	13.23	28.99	
30.10.2024	238	141	67	11.09	20.54	
07.11.2024	248	136	65	14.3	16.9	
21.11.2024	256	145	68	15.02	11.73	
07.12.2024	251	148	67	12.79	21.46	
26.12.2024	236	137	62	18.62	35.77	
15.01.2025	254	158	67	11.76	29.04	
29.01.2025	246	150	64	11.59	22.27	
15.02.2025	243	135	61	18.21	31.26	
24.02.2025	237	84	58	14.9	27.73	
07.06.2025	267	159	63	18.37	23.17	
22.03.2025	219	94	51	11.81	28.76	
<b>Max (µg/m<sup>3</sup>)</b>	<b>267</b>	<b>159</b>	<b>68</b>	<b>18.62</b>	<b>35.77</b>	
<b>Min (µg/m<sup>3</sup>)</b>	<b>219.00</b>	<b>84.00</b>	<b>51.00</b>	<b>11.09</b>	<b>11.73</b>	
<b>Avg. (µg/m<sup>3</sup>)</b>	<b>245.25</b>	<b>134.58</b>	<b>63.17</b>	<b>14.31</b>	<b>24.80</b>	

**ANNEXURE - II**

**MINE STRATA WATER DISCHARGE REPORT**  
**(OCTOBER'2024 TO MARCH'2025)**

**Location: Sedimentation Tank Discharge Water**

<b>DATE</b>	<b>PH</b>	<b>O&amp;G</b>	<b>TSS</b>	<b>COD</b>
09.10.2024	7.65	<4.0	34	28
23.10.2024	7.73	<4.0	38	32
05.11.2024	7.6	<4.0	34	32
26.11.2024	7.79	<4.0	40	32
03.12.2024	7.05	<4.0	27	16
31.12.2024	7.41	<4.0	32	24
14.01.2025	6.88	<4.0	25	16
29.01.2025	7.24	<4.0	28	28
08.02.2025	7.35	<4.0	25	28
21.02.2025	7.1	<4.0	42	24
13.03.2025	6.6	<4.0	35	28
28.03.2025	7.11	<4.0	19	16
<b>Max (mg/L)</b>	<b>7.79</b>	<b>&lt;4.0</b>	<b>42.00</b>	<b>32.00</b>
<b>Min (mg/L)</b>	<b>6.60</b>	<b>&lt;4.0</b>	<b>19.00</b>	<b>16.00</b>
<b>Avg. (mg/L)</b>	<b>7.29</b>	<b>&lt;4.0</b>	<b>31.58</b>	<b>25.33</b>

**ANNEXURE - III**

**NOISE LEVEL REPORT**

**(OCTOBER'2024 TO MARCH'2025)**

**Monitoring Station: GM OFFICE & Near Canteen, TC**

Date of Monitoring	1) GM Office		2) Near Canteen	
	DAY (dBA)	NIGHT (dBA)	DAY (dBA)	NIGHT (dBA)
09.10.2024	64.6	44.2	61.6	40.6
23.10.2024	63.6	51.6	64.2	50.9
08.11.2024	62.1	43.9	59.3	39.5
22.11.2024	65.4	52.4	64.2	54.2
10.12.2024	70.3	58.1	69.3	49.2
19.12.2024	67.2	49.2	70.2	52.1
10.01.2025	70.9	50.1	72.3	60.7
21.01.2025	71.1	52.1	70.9	51.9
07.02.2025	70.3	56.2	70.4	49.1
25.02.2025	72.1	47.2	72.1	47.2
09.03.2025	64.6	44.2	61.6	40.6
23.03.2025	63.6	51.6	64.2	50.9
<b>Max. (dBA)</b>	<b>72.1</b>	<b>60.1</b>	<b>72.3</b>	<b>60.7</b>
<b>Min. (dBA)</b>	<b>62.1</b>	<b>43.9</b>	<b>59.3</b>	<b>39.5</b>
<b>Avg. (dBA)</b>	<b>67.76</b>	<b>51.50</b>	<b>67.45</b>	<b>49.54</b>

**ANNEXURE - IV**

**WELL WATER LEVEL MONITORING DATA**

**(OCTOBER'2024 TO MARCH'2025)**

Date of sampling	Name of the station	Depth from GL (in Meter)
18.11.2024	Piezometer no MTP 04	4.25
18.11.2024	Piezometer no MYT 05	4.23
06.01.2025	Piezometer no MTP 04	5.10
06.01.2025	Piezometer no MYT 05	5.0

**ANNEXURE - V**  
**PLANTATION DETAILS**

S.No	PLANTATION YEAR	NO. OF PLANTS	No of plants survived Survival rate: 80 %	Average cost each surviving plants in Rs. (3 years scheme)
1	1990-91	12000	9600	17.08
2	1990-91	12500	10000	17.7
3	1992-93	15000	12000	16.67
4	1993-94	13000	10400	15.38
5	1994-95	29000	23200	16.16
6	1995-96	20500	16400	39.93
7	1996-97	3893	3114	78.99
8	1997-98	Nil	Nil	Nil
10	1998-99	Nil	Nil	Nil
11	1999-2000	Nil	Nil	Nil
12	2000-01	Nil	Nil	Nil
13	2002-03	Nil	Nil	Nil
14	2003-04	Nil	Nil	Nil
15	2003-04	Nil	Nil	Nil
16	2003-04	Nil	Nil	Nil
17	2004-05	Nil	Nil	Nil
18	2005-06	Nil	Nil	Nil
19	2006-07	Nil	Nil	Nil
20	2007-08	Nil	Nil	Nil
21	2008-09	Nil	Nil	Nil
22	2009-10	3675	2940	109.18
23	2010-11	Nil	Nil	Nil
24	2011-12	Nil	Nil	Nil
25	2012-13	Nil	Nil	Nil
26	2013-14	Nil	Nil	Nil
27	2014-15	Nil	Nil	Nil
28	2015-16	Nil	Nil	Nil
29	2016-17	2000	1600 (Min)	295
30	2017-18	Nil	Nil	Nil
31	2019-20	1000	900	40
32	2020-21	2000	1600	50
33	2021-22	3950	3650	582.28
34	2022-23	4400	4050	545.45
35	2023-24	500	450	Nil
36	2024-25	650	610	Nil

**PLANT DISTRIBUTION DETAILS**

Sl No	Year	No of Plants distributed	Average cost for each plants
1	2014-15 to 2020-21	33000 plants	Rs.28.0/plant
2	2021-22	2500 Plants	Rs.30.0/plant
3	2022-23	2750 plants	Rs.34.55/plant
4	2023-24	5750 plants	Rs.34.21/plant
5	2024-25	5000 Plants	Rs.42.7/plant

