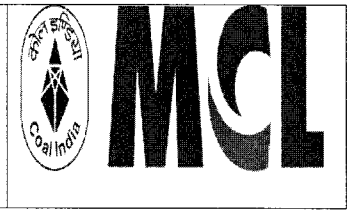


<p>ମହାନଦୀ କୋଲ୍ ଫିଲ୍ଡସ୍ ଲିମିଟେଡ୍          महानदी कोलफील्ड्स लिमिटेड          Mahanadi Coalfields Limited          (A subsidiary of Coal India Limited)</p>	<p>OFFICE OF THE PROJECT OFFICER (T&amp;D)          TALCHER COLLIERY          AT/PO: DERA, TALCHER, DIST: ANGUL          (ODISHA), PIN: 759103          E_mail: potalcher2016@gmail.com          acotalmcl@gmail.com</p>	
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

Ref.No: PO(T&H/D)/TAL/EC Compliance/2023-24/166

Dt 01.11.2023  
12

To  
 The Additional Director,  
 Ministry of Environment Forest & Climate Change,  
 Eastern Zonal Office,  
 A-3, Chandrashekharapur,  
 Bhubaneswar – 751 023

**REGD. POST**

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

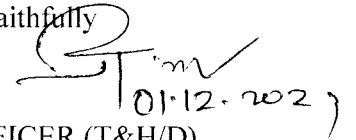
Dear Sir,

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 APRIL'2023 to SEPTEMBER'2023

This is for your kind information & necessary action.

Encl: As above.

Yours faithfully

  
01.12.2023

PROJECT OFFICER (T&H/D)

TALCHER COLLIERY

**Copy for Kind information to:-**

1. The Director, E.I.A Monitoring Cell, Ministry of Environment & Forest, Paryavaran Bhawan, C.G.O.Complex, 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:-**

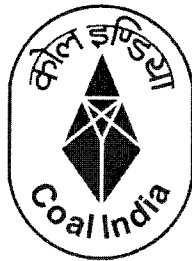
1. The General Manager, MCL, Talcher Area.
2. The General Manager (Environment.) MCL HQ, Burla, Sambalpur.
3. The Colliery Manager, Talcher Colliery.
4. The Area Environment Officer, Talcher Area (with Encl.)
5. The Nodal Officer (Envt.), Talcher Colliery (with Encl.)

  
PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY

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

**(APRIL-2023 TO SEPTEMBER-2023)**

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



**MCL**

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

# Present Status of the Project

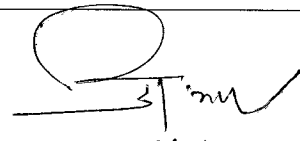
*The coal production in Talcher Colliery is temporarily suspended since dt.24.02.2018 due to access restriction as per Clause No.158 of CMR Act'2017.*

## 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="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Location</th> <th style="text-align: center;">Parameters</th> <th style="text-align: center;">SPM (µg/m<sup>3</sup>)</th> <th style="text-align: center;">PM<sub>10</sub> (µg/m<sup>3</sup>)</th> <th style="text-align: center;">PM<sub>2.5</sub> (µg/m<sup>3</sup>)</th> <th style="text-align: center;">SO<sub>2</sub> (µg/m<sup>3</sup>)</th> <th style="text-align: center;">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;">191.14</td> <td style="text-align: center;">98.86</td> <td style="text-align: center;">42.71</td> <td style="text-align: center;">14.31</td> <td style="text-align: center;">16.50</td> </tr> <tr> <td style="text-align: center;">Canteen, Talcher colliery</td> <td style="text-align: center;">Avg.</td> <td style="text-align: center;">200.93</td> <td style="text-align: center;">102.07</td> <td style="text-align: center;">45.86</td> <td style="text-align: center;">13.77</td> <td style="text-align: center;">15.18</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.	191.14	98.86	42.71	14.31	16.50	Canteen, Talcher colliery	Avg.	200.93	102.07	45.86	13.77	15.18
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Canteen, Talcher colliery	Avg.	200.93	102.07	45.86	13.77	15.18																	
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="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Location</th> <th style="text-align: center;">Parameters</th> <th style="text-align: center;">pH</th> <th style="text-align: center;">O&amp;G</th> <th style="text-align: center;">TSS</th> <th style="text-align: center;">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;">7.62</td> <td style="text-align: center;">&lt;4.0</td> <td style="text-align: center;">43.50</td> <td style="text-align: center;">31.67</td> </tr> </tbody> </table>	Location	Parameters	pH	O&G	TSS	COD	Mine Discharge water	Avg.	7.62	<4.0	43.50	31.67									
Location	Parameters	pH	O&G	TSS	COD																		
Mine Discharge water	Avg.	7.62	<4.0	43.50	31.67																		
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="781 253 1430 454"> <thead> <tr> <th colspan="5">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>62.27</td> <td>58.83</td> <td>63.17</td> <td>59.78</td> </tr> </tbody> </table>	Noise Level Measurement (dBA)					Location	1) GM Office		2) Canteen, Talcher Colliery		Day	Night	Day	Night	Avg.	62.27	58.83	63.17	59.78
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	Day	Night	Day	Night																	
Avg.	62.27	58.83	63.17	59.78																	
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, CGRVNL 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</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 SPCB.</p>																			

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="816 286 1365 510"> <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> </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
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2019-20	28.00 Lakhs											
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2022-23	144.49 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.										

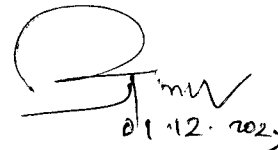
  
 01.12.2023

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

**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: a) District(s), State(s)	Angul, Odisha
	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 D.Sahoo, Project Officer (T&H), Talcher Colliery, Dist-Angul (Odisha), Ph: 06760-269955 (O)
5	Salient Features: a) Of the Project b) Of the Environment Manager plan	It is an underground project was 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. b) Allocation made for environment management plans, with item wise and year wise breakup. c) Benefit cost ratio/interest rate of return and year assessment. d) Whether © includes the cost of environment management as shown in (B) above. e) Actual expenditure incurred on the Project so far f) Actual expenditure incurred on the environment management plans	3869 Lakhs Allocation made for EMP – 31.54 lakhs a) Afforestation cost: 2.8 lakhs; b) Pollution measuring cost: 12.32 lakhs; c) Env't. Quality data gen. cost: 16.42 lakhs Yes 47.43 Crores 144.49 Lakhs (2022-23)

9	<p>Forest and requirements</p> <p>a) A status of approval of diversion of forest and non-forestry use.</p> <p>b) A status of clean filling in forest and non-forest lands</p> <p>c) Comments on availability and sustainability compensatory afforestation program in the light of actual fell experience so far.</p>	<p>Obtained Stage-II FC for the entire forest land for UG mining operation.</p> <p>Nil</p> <p>Nil</p>
10	<p>Status of Construction.</p> <p>a) Date of commencement (actual and/or planned)</p> <p>b) Date of completion (actual and/or planned)</p>	<p>1926</p> <p>1928</p>
11	Reason for the delay if the project is yet to start.	NA
12	<p>Date of site visit</p> <p>a) The dated on which the project was monitored by the Regional Officer on the previous occasions if.</p> <p>b) Date of site for the monitoring report.</p>	<p>22.09.2023</p> <p>22.09.2023</p>
13	Details of correspondence with Project Authorities for obtaining action plans information and status of compliance to safeguards.	NA

  
21.12.2023

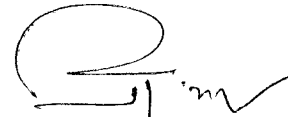
**PROJECT OFFICER (T&H/D)**  
**FALCHER COLLIERY**



## 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				

  
01.12.2023

PROJECT OFFICER (T&H/D)  
TALCHER COLLIERY





### 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 2023-24 in each category.

Green belt	Ext dump	B/F Area	Road sides	Block plantations	Remarks
Nil	Nil	Nil	Nil	500	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 Sept'23	Propose plantation program in 2024-25
1990-91 to 2023-24	Indigenous species	2m x 2m	5 to 8 meter	50.16 Ha	500 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)

Sl 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	-
<b>Total</b>		<b>77.28</b>	<b>1,22,918</b>	<b>-</b>

### Plant Distribution:

Sl 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. Inspection of plantation by fields  
Experts and their comments and  
Follow up action.
11. Remarks /any other information

: Inspected & found satisfactory

: - Nil -

## ANNEXURE - I

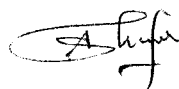
### AMBIENT AIR QUALITY REPORT (APRIL' 2023 TO SEPTEMBER' 2023) TALCHER UNDER GROUND MINE

#### 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
15.04.2023	188	94	42	10.52	16.54	
28.04.2023	150	94	45	11.53	19.85	
15.05.2023	191	90	42	13.56	12.24	
29.05.2023	178	89	38	12.58	17.56	
15.06.2023	190	92	41	11.52	15.1	
28.06.2023	198	94	45	13.56	17.58	
15.07.2023	189	94	42	16.85	18.54	
31.07.2023	178	88	37	14.56	13.52	
12.08.2023	186	92	42	12.52	15.23	
29.08.2023	161	79	30	12.52	16.45	
15.09.2023	194	94	43	13.15	14.21	
23.09.2023	193	93	41	23.19	19.19	
<b>Max (µg/m<sup>3</sup>)</b>	<b>245</b>	<b>156</b>	<b>62</b>	<b>23.19</b>	<b>19.85</b>	
<b>Min (µg/m<sup>3</sup>)</b>	<b>150</b>	<b>79</b>	<b>30</b>	<b>10.52</b>	<b>12.24</b>	
<b>Avg. (µg/m<sup>3</sup>)</b>	<b>191.14</b>	<b>98.86</b>	<b>42.71</b>	<b>14.31</b>	<b>16.50</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
15.04.2023	202	97	46	12.45	13.56	
28.04.2023	155	92	43	11	15.57	
15.05.2023	184	87	39	12.52	13.52	
29.05.2023	198	95	44	13.54	18.54	
15.06.2023	197	96	44	15.96	14.13	
28.06.2023	208	97	48	10.56	14.59	
15.07.2023	175	88	36	13.12	12.25	
31.07.2023	203	96	45	10.52	17.58	
12.08.2023	197	96	45	17.59	14.58	
29.08.2023	153	71	27	11.52	14.58	
15.09.2023	188	92	41	11.13	12.16	
23.09.2023	212	98	47	22.26	17.88	
<b>Max (µg/m<sup>3</sup>)</b>	<b>276</b>	<b>168</b>	<b>75</b>	<b>22.26</b>	<b>20.56</b>	
<b>Min (µg/m<sup>3</sup>)</b>	<b>153</b>	<b>71</b>	<b>27</b>	<b>10.52</b>	<b>12.16</b>	
<b>Avg. (µg/m<sup>3</sup>)</b>	<b>200.93</b>	<b>102.07</b>	<b>45.86</b>	<b>13.77</b>	<b>15.18</b>	



**ANNEXURE - II**

**MINE STRATA WATER DISCHARGE REPORT**  
**(APRIL' 2023 TO SEPTEMBER' 2023)**

**Location: Sedimentation Tank Discharge Water**

<b>DATE</b>	<b>PH</b>	<b>O&amp;G</b>	<b>TSS</b>	<b>COD</b>
10.04.2023	7.37	<4.0	34	36
24.04.2023	7.44	<4.0	28	32
09.05.2023	7.71	<4.0	24	20
23.05.2023	7.79	<4.0	30	12
08.06.2023	7.86	<4.0	36	28
22.06.2023	7.53	<4.0	38	20
10.07.2023	7.59	<4.0	46	28
27.07.2023	7.66	<4.0	52	36
10.08.2023	6.55	<4.0	74	44
24.08.2023	7.54	<4.0	64	48
06.09.2023	8.21	<4.0	52	36
25.09.2023	8.24	<4.0	44	40
<b>Max (mg/L)</b>	<b>8.24</b>	<b>&lt;4.0</b>	<b>74</b>	<b>48</b>
<b>Min (mg/L)</b>	<b>6.55</b>	<b>&lt;4.0</b>	<b>24</b>	<b>12</b>
<b>Avg. (mg/L)</b>	<b>7.62</b>	<b>&lt;4.0</b>	<b>43.50</b>	<b>31.67</b>



**ANNEXURE - III**

**NOISE LEVEL REPORT**

(APRIL' 2023 TO SEPTEMBER' 2023)

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

Date of Monitoring	1) GM Office		2) Near Canteen	
	DAY (dBA)	NIGHT (dBA)	DAY (dBA)	NIGHT (dBA)
03.04.2023	57.1	53.8	56.3	52.7
17.04.2023	59.4	55.3	57.6	54.5
08.05.2023	65.6	60.1	66.7	62.9
22.05.2023	63.4	59.7	64.8	60.1
08.06.2023	58.0	55.3	59.4	56
22.06.2023	60.4	56.9	58.7	55.4
10.07.2023	59.2	57.4	65.3	63.2
27.07.2023	59.7	57.9	65.9	63.7
10.08.2023	69.7	60.1	67.2	59.6
24.08.2023	60.2	58.5	65.9	63.7
09.09.2023	68.9	68.4	64.3	62.3
28.09.20203	65.6	62.5	65.9	63.2
<b>Max. (dBA)</b>	<b>69.7</b>	<b>68.4</b>	<b>67.2</b>	<b>63.7</b>
<b>Min. (dBA)</b>	<b>57.1</b>	<b>53.8</b>	<b>56.3</b>	<b>52.7</b>
<b>Avg. (dBA)</b>	<b>62.27</b>	<b>58.83</b>	<b>63.17</b>	<b>59.78</b>

**ANNEXURE - IV**

**WELL WATER LEVEL MONITORING DATA**

(APRIL' 2023 TO SEPTEMBER' 2023)

Date of sampling	Name of the station	Depth from GL (in Meter)
22.05.2023	Dera village well (Reported)	3.80
21.08.2023	Dera village well (Reported)	1.55



**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

**PLANT DISTRIBUTION DETAILS**

SI No	Year	No of Plants distributed	Average cost for each plants
1	2014-15	1000 plants	Rs.20.0/plant
2	2015-16	2000 plants	Rs.23.0/plant
3	2016-17	10000 plants	Rs.32.4/Plant
4	2017-18	10000 plants	Rs.31.5/plant
5	2019-20	5000 plants	Rs.33.5/Plant
6	2020-21	5000 plants	Rs.31.0/plant
7	2021-22	2500 Plants	Rs.30.0/plant
8	2022-23	2750 plants	Rs.34.55/plant
9	2023-24	5750 plants	Rs.34.21/plant

*[Signature]*