

Report on environmental pollution by Monnet Daniel Washery situated at Khalari Block of Ranchi District, Jharkhand, in the matter of Krishna Chouhan Vs State of Jharkhand in O.A No. 479/2022 pending before Hon'ble National Green Tribunal, Principal Bench, New Delhi.

A complaint was lodged by Mr. Krishna Chauhan of Mohan Nagar, Ranchi, Jharkhand, to the Hon'ble NGT, Principal Bench, bearing O.A. No. 479/2022 against Monnet Daniel Coal Washery, accusing them of causing environmental pollution in Khalari Block of Ranchi District. The applicant allege that the Project Proponent had stored a large amount of rejected coal in the washery, blocked the road with coal sludge, and discharged untreated effluents into the river SonaDubi, leading to adverse health effect on residents of the locality.

In response, the Hon'ble NGT ordered a Joint Committee comprising the Regional Office of MoEF&CC at Ranchi, Jharkhand State Pollution Control Board, and the District Magistrate, Ranchi to investigate the matter and submit the report to the Hon'ble NGT. The committee visited the site on 26.09.2022 and reported their observations and recommendations to the Hon'ble NGT, alongwith an action taken report.

Jharkhand State Pollution Control Board (JSPCB) had submitted the report of the Joint Committee via email dated on 10.11.2022, in compliance with the Hon'ble NGT order. The Respondent No. 4, M/s Monnet Daniels Coal Washery, (project proponent) was issued a notice by the Hon'ble NGT vide the order dated- 11.11.2022, in response of the notice, the Project Proponent filed a reply on 11.12.2022 comprising of compliance averments. JSPCB submitted an Action Taken Report on 03.01.2023, both via email.

Based on the compliance averments made by the project proponent, the Hon'ble NGT constituted another Committee vide its order dated 04.01.2023 comprising representatives of Central Pollution Control Board, MoEF&CC at Ranchi, Jharkhand State



Pollution Control Board, and the District Magistrate, Ranchi to verify the compliance status of the Project Proponent and submit their report to the Hon'ble NGT with recommendations within three months.

**Accordingly, a committee was constituted with the following members:**

1. Rahul Kumar Sinha, IAS, Deputy Commissioner /District Magistrate, Ranchi, Jharkhand.
2. Rajev Ranjan, Scientist - E, Integrated Regional Office, Ranchi, MoEF&CC, Govt. of India.
3. Gopl Kumar, Regional Officer, Ranchi, Jharkhand State Pollution Control Board, Ranchi.
4. Toufic Aslam, Scientist - C, Central Pollution Control Board, Regional Directorate, Kolkata

The above committee members inspected/visited Monnet Daniels Coal Washery situated in the area of KDH in Khalari Block of District Ranchi on 16.03.2023.

Based on the site inspection and observations of the Committee Members vis a vis compliance averments and the documents submitted by the Project Proponent are as given below:-

Sl. No.	Observations and recommendations of the earlier inspecting team/committee members based on site inspection on 26.09.2022.	PP's reply /action taken report as submitted by them	Latest remarks of the inspecting team/committee members based on site inspection of project on 16.03.2023 and documents submitted by PP.
	i. Large quantity of coal was stocked in the project (see photo 17, 08, 10, 12, 17, 18, 43) whereas in the EC	a) The project proponent has made Request for amendment to Specific Condition no. (ii) of EC granted on 10.12.2008 vide its letter dated	a. As per the data submitted by PP( Project Proponent) raw coal stock 694.67 MT, washed coal stock 28032.62 (MT) and washery reject

<p>(Environmental clearance) it is mentioned that "Only one day stock shall be stored in the stockyard (specific Condition(ii) of EC accorded by MoEFCC vide no. J-11015/260/2008-IA.II (M) dated 10.12.2008. As per the data submitted by the Project proponent raw coal stock-610.27 MT, washed coal stock 432.03 MT and reject coal stock-43842.75 MT as on 25.09.2022.</p> <p>b. In the north, north-east direction of the project and near the weigh bridge area coal stock was observed outside the project boundary area (i.e. at some places 5 to 6mt. beyond the project boundary area - see photos 33,34). Boundary wall was broken there and coal was found 5-6m beyond the project boundary and occupied a portion of the road there. Coal dust and broken coal was observed on the road in that direction (see photos</p>	<p>17.11.2022 to The Ministry of Environment, Forest &amp; Climate Change requesting for permission to enhance storage capacity. Copy attached <b>Annexure-1</b></p> <p>The reject Coal is temporarily stored in the premises of the plant and ultimately disposed off to Captive power plants (actual end users) only through rail wagons (as per conditions of Environmental Clearance). During the Covid Pandemic, when there was country wide Lock down the dispatches were badly affected and Coal rejects accumulated in the premises. As the restrictions imposed during the lockdown eased, afterwards the Reject coal disposal started but the Coal reject customers reduced drastically. Non-availability of railway wagons for movement of reject coal to certain destinations also restrict the reject coal disposal as priority are given for movement of washed coal and raw coal rakes. Yet we are in continuous process of disposal of accumulated reject coal</p>	<p>coal stock was 1,34,058.66 MT (up to 16<sup>th</sup> March 2023).</p> <p>PP has submitted letter no MDCWL/HO (2022-23)/DIRECTOR/75 dated 17.11.22 addressed to Director, IA (Coal Mining), MoEF&amp;CC, New Delhi requesting for amendment in EC condition (for one-month storage capacity). However EC condition has not been amended by MoEF&amp;CC till date.</p> <p>b. Dozer was deployed for scraping/cleaning the dust from the haul roads adjacent to project (see photo 23). Roads adjacent to the project were relatively clean and layers of dust was not observed (see photo 21,20,24,23) in the north, north east and north west directions and in weighbridge area. However, formation of sludge like layer of settled coal dust due to sprinkled water at multiple points was observed.</p> <p>Concrete wall construction in north west direction was complete for</p>
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<p>334) that was a potential source of air (coal dust) pollution. A long jam of trucks was observed near the weighbridge area (see photo 33, 3).</p> <p>Tarpaulene covering was not observed over the coal transportation trucks that brought coal from mines to washery (see photos 7,28,29). Project authorities explained that at a security check post in between mine and washery. Tarpaulene covering is opened and then many truck operators may not be covering tarpaulene after that point. However, there was thick coal dust layers on the road (see photos 29, 30) due to coal spillage from trucks. Also coal was stocked outside the coal project boundary in that area (north west direction to the project (see photos 27,28,32) and</p>	<p>as well as fresh generated reject coal and expecting to dispose off in next 8-10 months approximately.</p> <p>The Road Belongs to M/s CCL and MDCWL is not authorized to repair the Road however KDH PO has been requested vide our letter dated 28.10.22 for repair and maintenance of the road adjacent to the project. <b>Copy Attached in Annexure-4</b></p> <p>Office Order has been Issued to the Transporter along with monitoring being done. <b>Photographs dated 14.2.2023 are attached in Annexure-5 &amp; work being carried out.</b></p> <p>Condition pertaining to EC issued by MOEF, CTE &amp; CTO issued by JSPCB are being compiled,</p>	<p>approx. 55 m. (see photo 21). In the north direction near gate no. 2 also wall construction work was in progress (see photos 18,19,20,23) and for remaining 70-80m length, PP assured the work will be completed within one month. No coal was observed outside the project boundary there.</p> <p>During inspection on 16.03.2023 there road was clear and there was no jamming of trucks observed.</p> <p><b>c. With respect to tarpaulene covering since there was no coal transportation on inspection date the compliance could not be ascertained.</b> PP informed that due to unrest in Piparwar area there was road blockage by displaced/local people and therefore coal trucks were not coming to washery project.</p> <p>Production ( coal washed on 16.03.2023--- 2009 MT (As per documents provided by the unit vide E-mail dated-25.03.2023)</p>
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at some places till the roads.

**Recommendations-** Comply all the conditions of EC issued by M&EF&CC and CTE/CTO issued by JSPCB.

Bring all the coal stocks inside the premises urgently and construct/ repair all the wall around project boundary (in all the directions).

Arrange for repair and maintenance of all roads in and adjacent to the project. It should be ensured that there is no coal spillage on the coal transportation roads. In case of any sudden spillage the coal, broken coal should be cleared/cleaned within same day. Tarpaulene covering on the coal transportation trucks should be done strictly. An office order in this regard should be issued that if any truck is found without tarpaulene covering during coal

PP has submitted letter no. Ref no. MDCWL/VCPL/2022-23 /272 dated 27.09.2022 addressed to M/s Variant commercial Pvt. Ltd. in which they have instructed the agency for covering of raw coal transportation vehicles by tarpaulin sheet.

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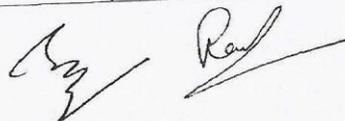
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<p>transportation it would not be allowed to operate further in the project.</p>		
<p>Committee members did not observe smoke or spontaneous combustion in the coal stock at the project. However, such a large coal stock can be a potential source of spontaneous combustion/smoke. May be due to rainy season there was no spontaneous combustion/smoke in the large coal stock stored in the project.</p>		<p>There was no smoke or spontaneous combustion of coal in the project during inspection on 16.03.2023.</p>
<p>a. Conveyor belts in the projects used for coal transportation were found to be uncovered and were potential source of fugitive coal dust emissions (see photos 02, 06, 7, 17, 18, 19, 21).</p> <p>b. Wall in the north east and east direction (wall inside which coal stock was kept) was</p>	<p>Conveyor belt covering work has been started by the project proponent and the work is under progress. <b>Attached herewith the Photographs dated 14.2.2023 of Conveyor belt covering.</b> Major part of work is completed. It is expected to be completed by <b>30.06.2023</b></p> <p>Due to heavy rainfall Portion of boundary wall was damaged and some reject coal had inadvertently made its</p>	<p>a. Conveyor belts over the Sonadubi river were closed from top (see photos 05,27,28). <b>At other places in the project conveyor belts were covered (see photos 04,21,22) except at three places (see photos 08,10,).</b> Project proponent (PP) assured verbally that they will cover those conveyor belts within one month.</p>

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<p>observed to be broken at many places and some inadequate arrangement (metal sheets at some places and fabric sheets at other places, etc.) were done to prevent coal spillage (see photos 9, 10, 11, 12, 13). However, there were every chances of coal spillage from there and also coal dust flow outside the premises. Coal dust, broken coal were found in the road adjacent to the broken wall there (see photo 08). Once dry there can be coal dust pollution on the road (see photo 8).</p> <p>c. Some plantation was observed around the boundary of the project but there were gaps between those plantations (see photos 37). Some plantation was observed inside the project</p>	<p>way onto the adjoining portion of the road. The RCC Boundry wall construction work of 299 mts has been started &amp; completed vide work order Ref: MDCWL/SITE/W0/O&amp;M-CIVIL/22-23/42 dated 24<sup>th</sup> September 2022 Copy Attached in Annexure 3.</p> <p><u>Following Boundry work on Progress:</u></p> <ol style="list-style-type: none"> <li>1. WORK ORDER for Construction of RCC Boundry wall inside River on progress vide ref: MDCWL/SITE/WO/CIVIL/22-23/69 Dated 4<sup>th</sup> Feb 2023</li> </ol> <p>Work order for Plantation work dated 19<sup>th</sup> Nov 2022 is attached herewith along with <b>photographs dated - 14.2.2023</b> of work of plantation being carried out and is in progress. Major part of work is completed.</p> <p>Office Order has been Issued to the Transporter/service provider increase the mobile tanker.</p>	<p>b. Pucca wall had been constructed in east and south east direction (Gate no. 3 side) (see photos 35,36,37,38). Road in that direction was also relatively clean.</p> <p>c. Some new plantations were done outside the newly constructed pucca boundary in east and south direction (near Gate no. 3) side- see photos 36,37,38. Some new plantations were observed in the north east direction (see photo 17). <b>However it was instructed to increase the density of</b></p>
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<p>area also (see photo 41).</p> <p>d. A water tanker was observed sprinkling water on the road in the north direction of the project (see photo 35). Project authorities have not submitted copy of log book of water tanker operational in their project.</p> <p><b>Recommendations-</b></p> <p>Number of mobile water tankers should be increased. Copy of the log book of water tankers mentioning running hours, kilometer travelled, maintenance hours should be maintained</p> <p>All the conveyor belts in the project should be covered urgently</p>	<p>Order dated 14.2.2023 attached in Annexure</p>	<p>plants in above places.</p> <p>b. A water tanker was observed sprinkling water on the road in the north direction of the project (see photo 24). <b>Project authorities have still not submitted copy of log book of water tanker operational in their project.</b></p> <p>Fixed water sprinklers have been installed in project at some locations – near east direction boundary wall (see photos 13,14) and near north east direction boundary wall (see photos 17) and they were operational during inspection. Fixed water sprinklers were operational at railway siding also. Water spraying system at coal hopper were also found operational (see photo 26).</p>
<p>a. Coal dust layers were observed at some portions on the roads of the project area (see photos 1,42,43). There were chances of</p>	<p>The Project proponent ensuring no coal is spilled on the slopes facing Sonadubu River thus removed large quantity of Coal from slope.</p>	<p>Internal concrete roads in the project were observed to be clean (see photo 01).</p> <p>A boundary wall was constructed to</p>

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<p>those coal dust flowing into the Sonadubi river in case of rainfall since there were no safeguards to stop the flow entering into the river.</p> <p>b. Retaining/ concrete wall was observed to be broken at few places adjacent to the Sonadubi river (see photos 03, 04).</p> <p>c. Coal wastes (rejects) were kept near the washing unit in the project area without any proper safeguards (see photo 05). There were no humps, retaining walls etc. around the coal wastes (rejects) and there were chances of flow of those coal wastes (rejects) into the Sonadubi river (see photo 3,4,5). Bank of Sonadubi river was within 20-21m (approx.) from that coal wastes rejects (see photos 3,4,5,42).</p>	<p>After removing the coal from slope filling was done with Soil/Mitti &amp; Plantation/grassing developed from the slopes facing the River. Copy of</p> <p>a) Work order dated 15.12.2022 Ref.MDCWL/SITE/WO/STORE/22-23/56 Copy Attached</p> <p>b) Work order dated 16.12.2022 Ref.MDCWL/SITE/WO/STORE/22-23/55 Copy Attached</p> <p><b>Annexure-2, Photographs dated 14.2.2023 are attached.</b></p> <p>Settling ponds are already there one more Siltation pond &amp; Slurry pond Construction work is under Progress to take care of any emergency. It is expected to be completed by <b>31.03.2023.</b></p> <p>Conveyor belt covering work has been started by the project proponent and the work is under progress. <b>Attached herewith the Photographs dated 14.2.2023 of Conveyor belt covering.</b> Major part of work is completed. It is</p>	<p>prevent coal silt flow towards Sonadubi river (see photo 02). <b>However, the wall needs to be extended further to east direction though wall height may be kept less there.</b></p> <p><b>A small hump (as mentioned in earlier committee's report) should also be constructed around the coal wastes /rejects (see photo 03, 04).</b></p> <p>Concrete tank was observed in which water from project and outside also came (see photo 06). A pump was provided with tank for water re-circulation to project activities. <b>It was instructed to make arrangement for making shed for pump. Committee members were also of the view that a standby pump should also be kept there because water continuously came in the tank and the tank was located just on the banks of river Sonadubi (see photo 06).</b></p> <p>A large water tank was observed in which water was pumped in (see photo</p>
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<p>d. Conveyor belt system was made over Sonadubi river/conveyor belts over the river were also not covered (see photo 15, 16).</p> <p>e. Large quality of coal was observed on the slope facing the Sonadubi river (see photos 15 &amp; 16,19, 20) i.e. in between KDH railway siding and Sonadubi river. It implies project proponent have not handled coal appropriately and in an environment friendly manner at the railway siding. PP informed that there was a wall between the railway siding slope and Sonadubinala (see photo 16) but at some places the coal spilled over the wall also. There were gully formations within the coal on the slopes (between railway siding and Sonadubi river) and there were chances of coal dust flow in the river form that side</p>	<p>expected to be completed by 30.06.2023</p> <p>MDCWL LTD is designed for Zero effluent discharge. The washing process is designed for closed circuit system. Effluents with Coal fines is sent to Belt Filter press imported from U.K WHERE COAL fines are recovered and mixed with solid reject disposed of by rail. Practically there is no discharge out of circuit.</p> <p>The cleaning of such sudden spillage</p>	<p>09). Since the tank was close to river, committee members instructed to strengthen its wall so that there is no danger of its collapse. Grassing and vegetation on the slopes between the large tank and river should be developed.</p> <p>Conveyor belts over the Sonadubi river were closed from top (see photos 05,27,28).</p> <p>Coal was still observed on the slope facing the Sonadubi river i.e. in between KDH railway siding and sonadubi river.</p> <p>Some grassing was observed on the slopes facing river Sonadubi (between Railway siding and river Sonadubi) see photos 07,11. But grasses have not grown on the complete slope as recommended in earlier's committee's report. It was instructed to make arrangements to develop grasses and vegetation on the complete slope in between</p>
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<p>(see photos 19,20,22,24). However during inspection on 26.09.22 colour of water flowing in Sonadubi river was not black.</p> <p>f. On the opposite bank of the Sonadubi river i.e. toward washery side, wall was constructed between the coal stock and the river (see photos 19,20,21,23,25) but wall was broken at many places(see photos 21,23,25).Coal spillage was observed beyond the wall towards the Sonadubi river side also(see photos 21,23,25). Water coming from coal stock to river can be seen at a place (see photo 25).</p> <p>g. Catch drains, siltation ponds were not observed around the coal stocks in the project.</p> <p><b>Recommendations-</b></p> <p>Clear/ take out all coal from the slopes adjacent to Sonadubinallah/river. Develop grassing and vegetation around</p>	<p>coal is being done periodically to avoid coal dust pollution</p>	<p><b>railway siding and river.</b></p> <p>New grassing and vegetation was observed all along the railway siding creating a bench (approx. 1.5m width) on the slope (see photo 27,28). Some new bamboo plantations were also observed there.</p> <p>However, committee members were of the view that a strong wall is needed at the edge of railway siding. This wall would prevent coal spillage towards slope (between siding and Sonadubi river). Otherwise coal spillage (being pushed by payloaders during coal loading on railway wagons) may pollute the river and also damage new grasses and vegetation on slopes.</p> <p>At some places it was observed that coal spilled over the walls of the project (see photos 12,13,30,31,33,34). Due to coal spillage there are chances of coal silt flow into river Sonadubi and project proponent should urgently take</p>
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the slopes of the river. It should be ensured that during loading/unloading of coal at the railway siding no coal is spilled on the slopes facing the Sonadubi river/nalah. Construct and repair broken wall between Sonadubi river and project urgently

Make catch drains, siltation ponds, concrete humps/wall around coal dumps, washed coal, rejects so as to ensure that no coal dust/slurry flows in river/ other low lying areas.

Plantation/green belt development around the project boundary, in the gaps between already existing trees, inside the project areas should be developed.

strict action to prevent such spillage.

At some places wall of the project were still found to be broken adjacent to river ( see photo 30,31,32) and it was instructed to repair urgently.

Two siltation ponds were constructed in the north west direction (see photo 22) in which water from railway siding and other areas would come and settle before flowing towards project.

**New short wall construction needs to be done for some portion (30m) between stacker and transfer conveyor area so that coal silt would not flow from that side into river (See photo 15). Catch drain and siltation ponds also needs to be constructed at that side and accordingly instructions were given to PP who assured to construct the same soon (before rainy season).**

PP has submitted details of work order w.r.to. Boundary wall work and setting pond at MDCWL Ltd (project) with target data of completion. In the

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		document submitted they have shown 31.03.2023 as target data of completion of above works. Documents submitted by PP are attached as annexure - I.
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*Aslam*  
(Toufic Aslam)  
Scientist - C, CPCB  
Regional Directorate, Kolkata

*Rajeev Ranjan*  
28.03.23  
(Rajeev Ranjan)  
Scientist - E, I R O,  
MoEF&CC, Govt. of India, Ranchi,

*Gopal Kumar*  
28/03/2023  
(Gopal Kumar)  
Regional Officer, JSPCB  
Regional Office, Ranchi

*Rahul Kumar Sinha*  
28/3/2023  
(Rahul Kumar Sinha)  
Deputy Commissioner  
Ranchi, Jharkhand

20.3.2023

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8/20/23  
20/3  
20/3  
EuvMr Rajiv Ranjan  
Scientist-E MOEF  
Ranchi449  
20/03/2023

Ref: Submission of Report dated 16.3.2023

Dear Sir,

We are herewith submitting following reports

- i) Details of plantation & expenditure incurred by MDCLW as on 16.3.2023 - Annexure(1)
- ii) Monthly production, Dispatch stock details upto 16.3.2023 - Annexure(2)
- iii) a) production details as on 16.3.2023  
b) stock as on 16.3.2023 - Annexure(3)
- iv) boundary wall work status of MDCLW as on 16.3.23. - Annexure(4)

Kindly acknowledge the receipt of the above Reports pertaining to visit of NGT Committee.

Yours faithfully,

for MDCLW (formerly Monnet Diesel Coal Washeries Ltd)

Devendra Singh (Authorized Signatory)

Rajiv  
20/3/23  
R. Khill

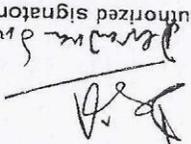
**MDCWL LIMITED****EXPENDITURE INCURRED FOR PLANTATION AS ON 16.03.2023**

SL.NO.	Particulars	Quantity	Rate (In Rs.)	AMOUNT (IN RS.)
1	Soil (Mitti)	190	650	123500
2	Seed	0		4500
3	Fertilizer	0		10000
4	Tree Guard	0		10000
<b>Plantation: -</b>				
5	Bamboo Plant	1500	30	45000
6	Show Plant	80	50	4000
7	Guava Tree	10	60	600
8	Sindur Tree	6	60	360
9	Jamun Tree	8	60	480
10	Pipal Tree	1	70	70
11	Neem Tree	10	60	600
12	Sahtut Tree	5	60	300
13	Erika Palm	4	110	440
14	Ashok Tree	6	100	600
15	Mango Tree	6	70	420
16	Shisham Tree	10	60	600
17	Contran Tree (Mix)	4	60	240
18	Contran Tree (Jhamhjuri)	2	110	220
19	Adhul Tree	2	35	70
20	Beganbeliya	4	70	280
21	Arika Plam	2	150	300
22	Kadam	20	70	1400
23	chakundi	25	50	1250
24	chhatnisimar	25	70	1750
25	Akashia	25	50	1250
26	Bakain	25	70	1750
27	Ashok	4	100	400
28	Goldmohar	2	50	100
<b>TOTAL AMOUNT</b>		<b>1786</b>		<b>210480</b>

*Devendra Singh*



Date	Raw Coal Lifted (MT)	Raw Coal Processed (MT)	Washed Coal Generated (MT)	Washed Coal Generated (MT)	Washery Reject Generated (MT)	Washed Coal Dispatched (MT)	Raw Coal Dispatched (MT)	Raw Coal Stock (MT)	Washed Coal Stock (MT)	Washery Reject Stock (MT)	Opening Stock	
											Raw Coal Stock (MT)	Washed Coal Stock (MT)
April-2022	123260.02	123240	100933.56	24524.76	115431.75	66923.97	1977.66	77631.55	173721.08			
May-2022	172170.03	172100	140863.85	34678.15	170244.07	90777.83	2047.69	33753.14	75222.19			
June-2022	115237.8	115200	94348.80	22924.80	106282.14	39967.55	2085.49	21819.80	58179.44			
July-2022	180736.92	182100	147862.03	36542.99	114057.87	31746.9	722.41	55623.96	62975.53			
August-2022	146914.99	146826.9	120177.82	29585.62	133846.35	46974.06	810.5	41955.43	45587.09			
September-2022	135478.81	135070.582	110757.20	27350.80	124220.75	27965.85	1218.728	28491.88	44972.04			
October-2022	150629.24	150258.718	122091.53	29941.36	119230.16	7963.97	1589.25	31353.25	66949.43			
November-2022	183242.49	184579.91	153735.64	38349.75	148618.46	19784.84	251.83	36470.43	85514.34			
December-2022	193420.02	193303	159390.93	36023.99	171165.7	4137	368.85	24695.66	117401.33			
January-2023	202926.23	202961	168270.00	37547.82	172008.22	11443.92	334.08	20957.44	143505.23			
February-2023	199289.6	198723	160541.46	40695.55	151962.81	40424.4	900.68	29536.09	143776.38			
Upto 16th March'23	67910.99	68117	54493.60	14304.57	55997.07	24022.29	694.67	28032.62	134058.66			
Total	1871217.14	1872480.11	1533466.42	372470.16	1583065.35	412132.58						

  
 Authorized signatory  


MONTHLY PRODUCTION, DISPATCH AND STOCK DETAILS (2022-2023)

Annexure - 2

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Production on 16/03/2023

Raw Coal Received - 1425.470 MT  
Raw Coal Feed - 2512 MT  
Wash Coal Generated - 2009 MT  
Reject Coal Generated - 528 MT

Stock as on 16/03/2023

Raw Coal - 694.670 MT  
Wash Coal - 28032.62 MT  
Reject Coal - 134058.670 MT

*Md. A. S. ✓*

*Devendra*



Devendra Singh

## Boundary wall work at MDCWL LTD As on 16.3.2023

Sl. No.	Work Order No.	W.O. Date	Amount (Rs.)	Location	Length (Mtr.)	Status	Remarks/Target Date
1	MDCWL/SITE/VO/O&M-CIVIL/22-23/42	24.09.2022	848951	Gate No. 03 to Gate No-05	299	Completed	N.A
				Gate No. 05 to upto corner			
				Corner to parralel to road			
				Near BC-5AR			
				Below conveyor to Dump hopper			
2	MDCWL/SITE/VO/CIVIL/22-23/68	04.02.2023	148746	construction of RCC boundary wall Inside river near old stock Reject yard existing boundary towards KDH PO Office.	30	25%	31st March 2023
3	MDCWL/SITE/VO/CIVIL/22-23/69	04.02.2023	285076	Construction of RCC boundary wall Inside the river near old stock Reject yard existing boundary and near Railway bridge to BC-2R Tube Stacker.	57.5	70%	31st March 2023
4	MDCWL/SITE/VO/CIVIL/22-23/70	06.02.2023	285076	Construction of RCC boundary wall Inside the river near old stock Reject yard.	57.5	70%	31st March 2023
5	MDCWL/SITE/VO/CIVIL/22-23/84	13.03.2023	495822	Part-A construction of RCC boundary wall from Gate no-02 to near MDCWL weighbridge	60	50%	31st March 2023
				Part-B near Bartola Road to towards river.	40	25%	31st March 2023
6	MDCWL/SITE/VO/CIVIL/22-23/77	24.02.2023	62930	Construction of RCC boundary base near Railway bridge to BC-2R Tube Stacker.	55	Completed	
7	MDCWL/SITE/VO/CIVIL/22-23/85	13.03.2023	209771	Construction of RCC boundary wall near Railway bridge to BC-2R Tube Stacker near MDCWL weighbridge.		70%	31st March 2023
<b>Total</b>			<b>2336372</b>		<b>599</b>		
<b>Settling pond locations &amp; work order details</b>							
8	MDCWL/SITE/VO/CIVIL/22-23/72	11.02.2023	272648	Construction of RCC Settling pond near dump hopper inside BC-6R.	6x3x1 (mtr)	Completed	N.A
9	MDCWL/SITE/VO/CIVIL/22-23/81	05.03.2023	272648	Construction of RCC Settling pond near Railway bridge behind 2R tube stacker.	6x3x1 (mtr)	Completed	N.A
<b>Total</b>			<b>545296</b>				

DCA  
Devalra Singh



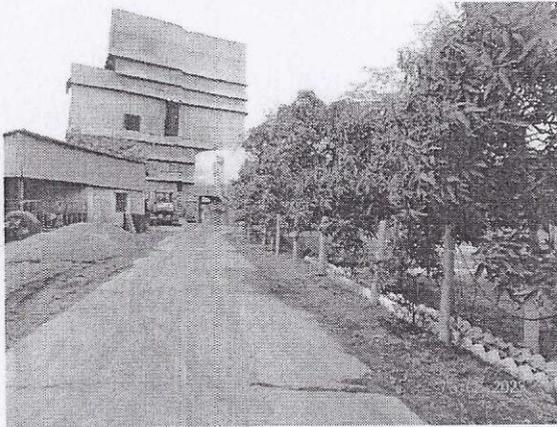


Photo 01: Photo of clean internal concrete roads in the project.

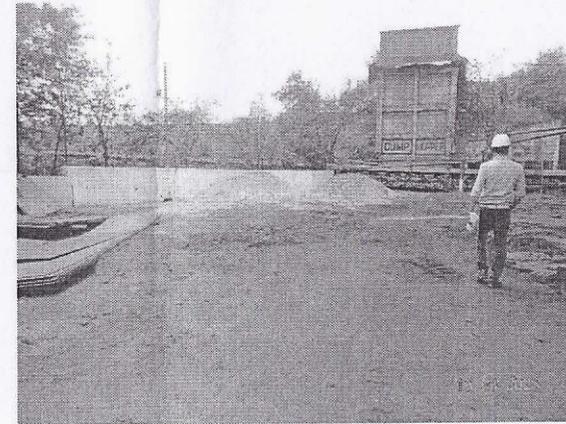


Photo 02: Photo of wall to prevent silt/rejects from washery to Sonadubi river.



Photo 03&04: Photo of coal wastes/rejects near the processing unit around which a hump is required.

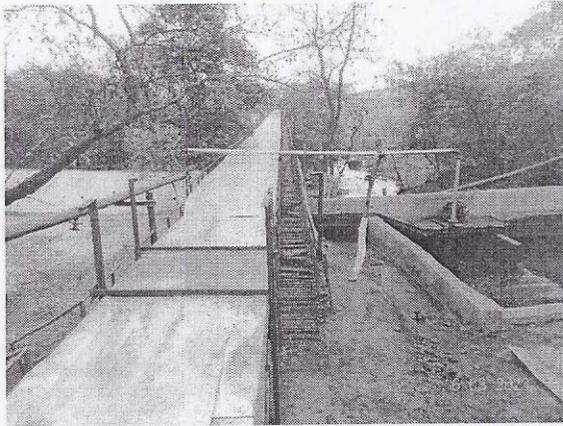


Photo 05: Photo of closed conveyor in the project

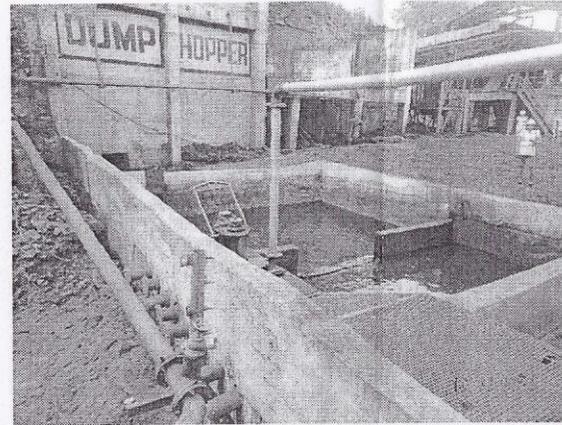


Photo06:Photo of tank in the project just adjacent to river where water from project and outside accumulates



Photo 07: Photo of some grassing and vegetation on the slope between river and railway siding.



Photo 08: Photo of uncovered conveyor belts in the project.

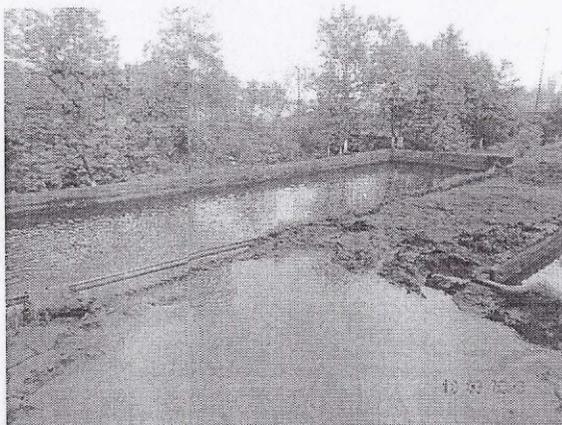


Photo 09: Photo of large concrete tank in the project adjacent to river Sonadubi.

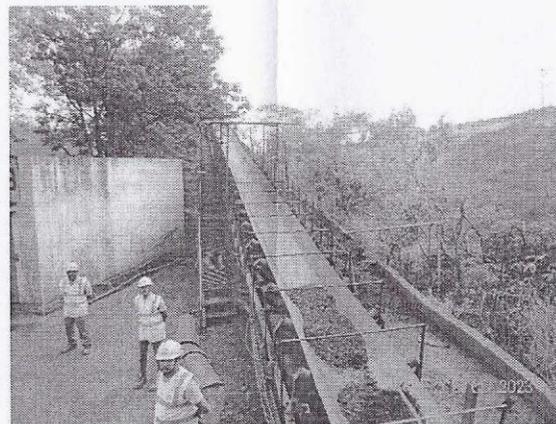


Photo 10: Photo of uncovered conveyor belt in the project.

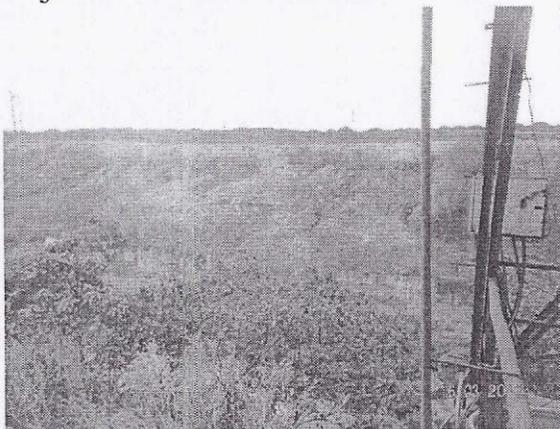


Photo 11: Photo of grassing and vegetation on the slopes between railway siding and river Sonadubi.



Photo 12: Photo of coal spillage on the walls of the project and adjacent to river



Photo 13: Photo of coal spillage over the wall of the project.

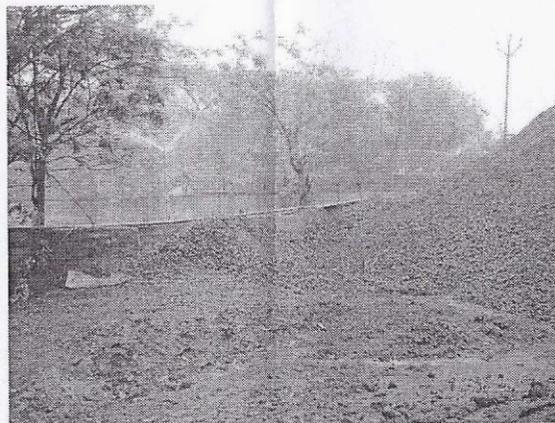


Photo 14: Photo of fixed water sprinklers in the project



Photo 15: Photo of places in the project from where leakage of coal silt can occur to river

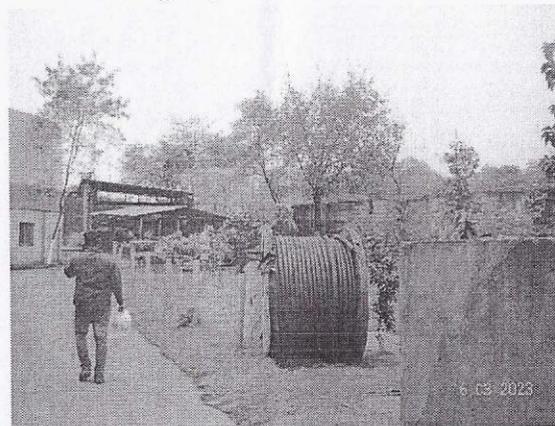


Photo 16: Photo of some plantations in the project near boundary



Photo 17: Photo of new plantations near boundary of the project



Photo 18: Photo of boundary wall construction in the north direction near gate no 2

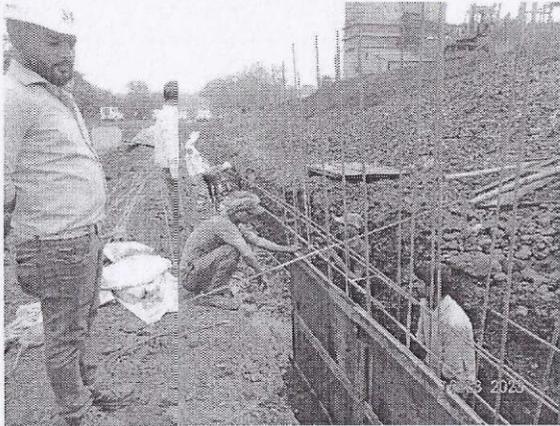


Photo 19: Photo of boundary wall construction in the north direction.



Photo 20: Photo of no jamming on the coal transportation road near earlier weighbridge location.



Photo 21: Photo of relatively clean road on the coal transportation route

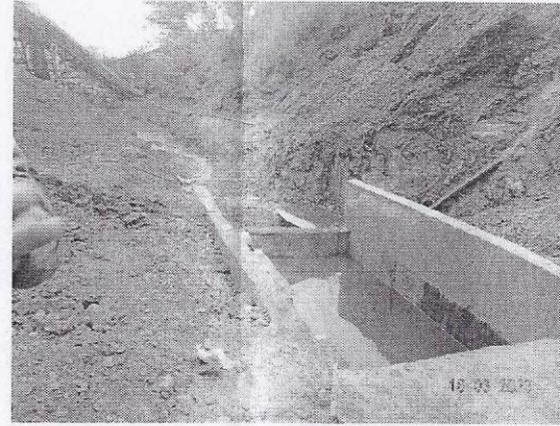


Photo 22: Photo of siltation pond constructed by PP



Photo 23: Photo of dozing on the coal transportation route for road cleaning



Photo 24: Photo of water tanker used for water sprinkling on the coal transportation route



Photo 25: Photo of wet roads adjacent to projects

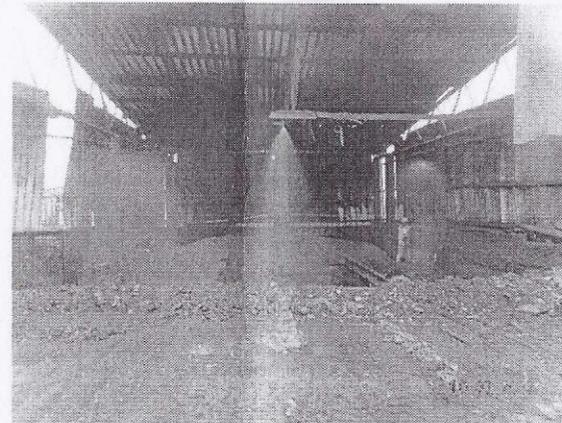


Photo 26: Photo of water spraying arrangement on coal hopper



Photo 27& 28: Photo of new grassing and vegetation on the upper portion of the slope between railway sidng and river Sonadubi.



III



Photo 29: Photo of new grassing and vegetation

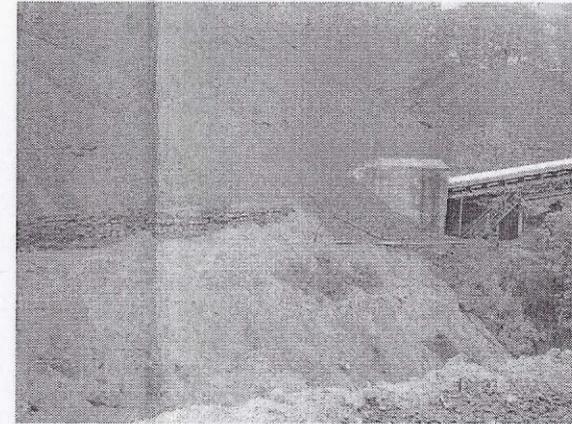


Photo 30: Photo of coal spillage over the walls of the project and adjacent to river Sonadubi

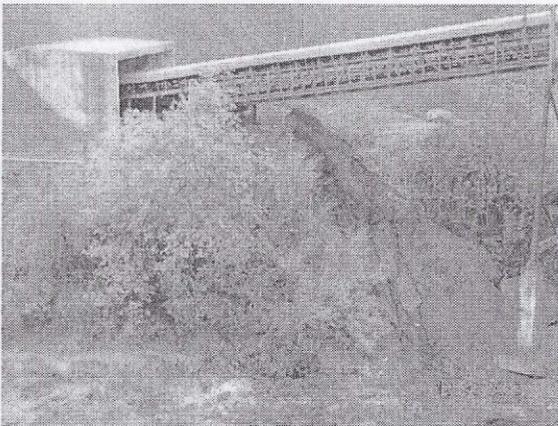


Photo 31: Photo of coal spillage under the conveyor project adjacent to river Sonadubi



Photo 32: Photo of broken wall in the adjacent to river Sonadubi

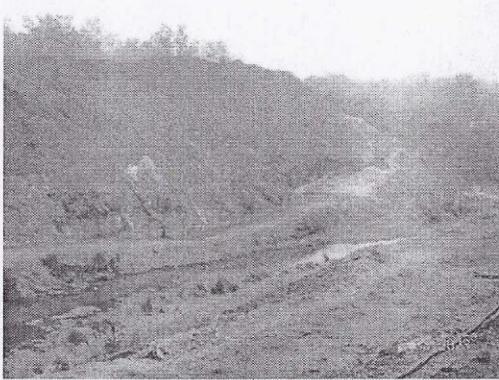


Photo 33& 34: Photo of wall under construction and spillage of coal over old wall adjacent to river .



Photo 35& 36: Photos of pucca wall constructed in east and south east direction . new plantations can also be seen .

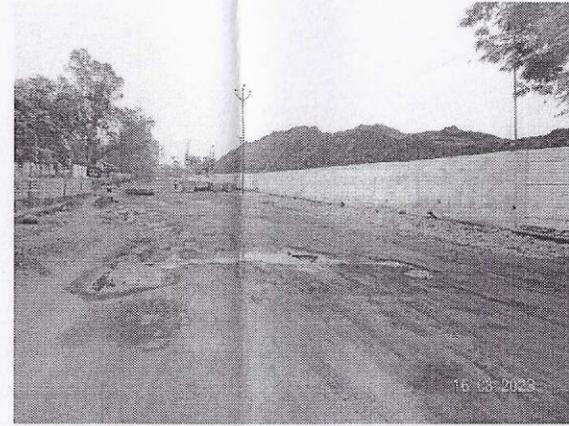


Photo 37& 38: Photo of pucca wall constructed in east and south east and relative clean road there. New plantations can also be seen.