



भारत कोकिंग कोल लिमिटेड
Bharat Coking Coal Limited
(A Mini Ratna Company)
(A Subsidiary of Coal India Ltd.)
(www.bccl.gov.in)

पं.का -: कोयला भवन, कोयला नगर, धनबाद - 826005
Regd. Off: KoylaBhawan, Koyla
Nagar Dhanbad - 826005
CIN: U10101JH1972GOI000918
दूरभाष: 0326-2230190/ फ़ेक्स -0326-2230050
ईमेल: cos@bccl.gov.in

बोर्ड सचिवालय /Board Secretariat

Ref. No. BCCL:CS:F-1(A): 31

Dated: 09.01.2016
16

To,
Dy. GM(Env.),
BCCL, Koyla Bhawan.

Sub: Certified copy of Minutes of 320th Board Meeting held at CIL
Guest House at 12 Lord Sinha Road, Kolkata on 08.12.2015.

Dear Sir,

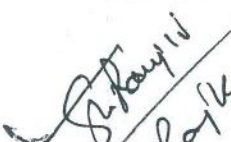
We send herewith Certified Copy of Minutes of Item No. **320.3H, 320.3L & 320.4C** of 320th Meeting of the Board of Directors of Bharat Coking Coal Limited held on 08.12.2015 at CIL Guest House, 12 Lord Sinha Road, Kolkata for taking necessary action at your end.

Action Taken Report (ATR) on the decision of the Board may please be submitted for appraisal of the Board.

Encl: As above

Yours faithfully


(B.K. Parui)
Company Secretary


S. Roy

19/1/16

Item No. 320.3H

Post facto approval of cluster concept of environmental clearance along with Feasibility reports of the collieries submitted to MOEF for grant of environmental clearance.

Background:

BCCL had applied for obtaining environmental clearances for all its mines from 2008 onwards. However, MoEF had suggested BCCL to prepare EIA/EMPs for obtaining environmental clearances under the "Cluster Concept", for which BCCL formulated a Cluster Concept grouping all its 103 mines (including abandoned and proposed) into 17 Clusters. However, the environment clearance based on cluster concept was obtained without getting formal approval of the BCCL Board. Hence, the proposal has been mooted now.

Decision:

After detailed deliberation Board accorded **post facto** approval to cluster concept formulated by CMPDI for obtaining environmental clearances, along with Feasibility Reports of Clusters of mines submitted to **MoEF** as listed and enclosed with the agenda note as Annexure-F.

Item No. 320.3L

Creation of one post of Plant scientist and one post of Microbiologist as level of Deputy Manager in BCCL for ecological restoration work.

Background :

The proposal is for Creation of one post of Plant scientist and one post of Microbiologist as level of Deputy Manager in BCCL for ecological restoration work.

Decision :

The matter was discussed and since it was not within the scope of BCCL it was advised that such recommendation should be sent to CIL for their consideration. However, Board opined that appointment of consultants having experience in the area on *ad-hoc* basis could be considered as per the extant policy of the Company.

Item No. 320.4C

Information to BCCL Board on Environmental Management, Environmental Clearances and Compliances, Ecological Restoration and Jharia Master Plan.

Board noted the information furnished in the agenda note.

Certified to be True Copy



B.K. Parul
Company Secretary
Bharat Coking Coal Limited
Koyla Bazar
Dhanbad - 826005

**AGENDA NOTE FOR 320th MEETING OF THE
BOARD OF DIRECTORS OF BHARAT COKING COAL LTD.
TO BE HELD ON 08.12.2015 AT KOLKATA**

Item No:

Subject: Post facto approval of cluster concept of environmental clearance along with Feasibility reports of the collieries submitted to MOEF for grant of environment Clearance.

(A) BACKGROUND and STATUS OF ENVIRONMENTAL CLEARANCES FOR BCCL MINES:

As all the mines of BCCL are taken over mines from the erstwhile private owners and are more than 100 years old, proper and structured project reports/EIA-EMPs were not present and were also not required as per the EIA Notification 1994. Thus environmental clearances were not there for BCCL mines. However the EIA Notification, 2006 and modified in April, 2011 attracted the preparation of EIA/ EMPs and obtaining environmental clearances for all mines including old mines and also renewal of mining leases. Following this, BCCL had applied for obtaining environmental clearances for all its mines from 2008 onwards. However, MoEF had suggested BCCL to prepare EIA/ EMPs for obtaining environmental clearances under the "Cluster Concept", for which BCCL formulated a Cluster Concept grouping all its 103 mines (including abandoned and proposed) into 17 Clusters. MoEF had approved this Cluster Concept in Dec., 2009 and then onwards MoEF approved the TORs for all the 17 Clusters and granted environment clearance to 16 Clusters covering all mines of BCCL located in Jharkhand. In addition, environmental clearances for three proposed coal washeries i.e. Patherdih 5 MTPA, Madhuban 5 MTPA & Patherdih 2.5 MTPA Coal Washerries have been granted by MoEF.

Approval of cluster concept & present EC status is enclosed as Annexure-A.

(B) PROCESSING EC APPLICATION

As provided in EIA Notification 2006,

6. Application for Prior Environmental Clearance (EC):-

An application seeking prior environmental clearance in all cases shall be made in the prescribed Form 1 annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II, after the identification of prospective site(s) for the project and/or activities to which the application relates, before commencing any construction activity, or preparation of land, at the site by the applicant. The applicant shall furnish, along with the application, a copy of the pre-feasibility project report except that, in case of construction projects or activities (item 8 of the Schedule) in addition to Form 1 and the Supplementary Form 1A, a copy of the conceptual plan shall be provided, instead of the pre-feasibility report.

Copy of EIA notification-2006 is enclosed as annexure-B.

Subsequently, a copy of instructions issued by Ministry of Environment & Forest regarding Environment Clearance application submission & consideration of coal Sector Projects was circulated by CGM, CIL, New Delhi vide CIL/DLI/CGM/2008/94/884 dated Sept 19, 2008 (Enclosed as Annexure-C). Some of instructions are:

6. **The application (Form-I and the pre-feasibility report)** should be photocopied back to back while submitting to the Ministry and while circulating to EAC Members.

8. A CD (soft form) of **TOR application containing the Form-I and the pre-feasibility report** should be submitted to the Ministry and to EAC Members at the time of circulation.

11. **In case of new projects**, it is desirable to submit applications for TOR when the mining Plan is under finalisation/draft stage, the details of which can be provided in the pre-feasibility report.

CMPDI submitted proposal for preparation of EIA/EMP (with breakup of activities) accordingly vide CMPDI/RI-II/ENV.M-30/3601-02 dated 01.12.2008 which was approved and communicated to CMPDI, RI-II on 31.0.2009.

Copy of CMPDI proposal & communication of approval is enclosed as Annexure-D.

The Feasibility reports prepared by CMPDI confirms to Guideline (No.- J11013/41/ 2006-IA.II.(I) dated 30th Dec 2010) issued by MOEF for preparation of pre-feasibility report for obtaining prior environmental clearance in terms of the provisions of EIA notification 2006.

Copy of MOEF guideline is enclosed as annexure -E.

(E) NECESSITY AND JUSTIFICATION OF THE MATTER:

To expedite environment Clearance Form-I application was made on cluster basis along with feasibility report of the collieries/projects since Mining Plans were neither available nor there was sufficient time available to prepare. Further MOEF did not raise any demand for approved mining plan while granting EC, before Cluster-XII (Proposed Kapuria UG) & enhancement proposal of Cluster-IV. For grant of EC, the Feasibility Reports signed by Director were submitted. As per requirement of MOEF, a formal resolution by BCCL Board of Directors to ensure that violations of the Environment (Protection) Act etc. will not be repeated (288th Board on 31.07.2012) was also submitted. In the said Board meeting & subsequent informations provided to Board on environment management, information on obtaining environment clearance based on cluster concept provided but formal approval was not obtained.

Now EC for 16 clusters are granted and to regularise the procedure for facilitating future expansion applications, post facto approval of BCCL Board is sought for

1. Cluster concept formulated by CMPDI for obtaining environmental Clearances
2. Feasibility Reports of Clusters of mines submitted to MOEF as listed and enclosed as Annexure-F

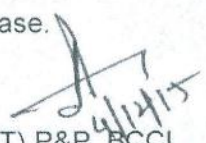
(G) MATTER FOR BCCL BOARD's APPROVAL:

BCCL's Board of Directors may kindly accord post facto approval to

1. Cluster concept formulated by CMPDI for obtaining environmental Clearances
2. Feasibility Reports of Clusters of mines submitted to MOEF as listed and enclosed as Annexure-F

The proposal is agreed by Director (T) OP and CMD, BCCL.

This is put up to Board of Directors of BCCL for approval please.


Director (T) P&P, BCCL

Company Secretary (BCCL)

List of Feasibility Reports Submitted to MOEFCC

CLUSTER NO	NAME OF THE MINE AS IN EC	Feasibility Reports submitted			Leasehold	MONTH OF FR PREPARATION	DATE OF SUBMISSION TO MoEFCC
		Name	Normative	Peak			
I	Damoda OCP	Damoda Albion OCP	0.2	0.26	575	February 2009	
	Damoda UG	Damoda U.G	0.1	0.13		February 2009	
	Damoda (BJ Section Proposed)	Damoda BJ section OCP (proposed)	0.6	0.78		PR enclosed	
	Ghutway OCP(Closed)		0	0		-	
	Total Cluster		0.9	1.17		February 2009	30-4-2009
Cluster-II	Block-II OCP	Block-II OCP	4.0	5.2	852.00	January 2011	
	Block-II UG		0.45			Project Report, Dec '10	
		Block II Colliery (Mixed)	4.45	5.785			
	Jamunia OCP	Jamunia OCP	1.2	1.56	55.00	January 2011	
	Phularitand OC	Phularitand OCP	3.0	3.90	401.00	January 2011	
	Muraidih OCP	Muraidih OCP	3.5	4.55	536.41	Dec'2010	
	Muraidih UG	Muraidih UG	2	2.6		Dec'2010	
		Muraidih Colliery (Mixed)	5.5	7.15			
	Shatabdi OCP	Shatabdi OCP	1.4	1.82	181.30	January 2011	
	Total Cluster		15.55	20.215	2025.71	January 2011	24.01.2011
Cluster-III	Jogidih Colliery	Jogidih colliery UG	0.244	0.317	167	March 2010	
	Maheshpur Colliery	Maheshpur Colliery UG	0.07	0.091	292.68	March 2010	
	Block-IV Kooridih UG	Block-IV Kooridih UG	0.08	0.104	149	March 2010	
	Block-IV Kooridih OC	Block-IV Kooridih OC	1.1	1.43		March 2010	
	Govindpur	Govindpur UG Mine	0.14	0.182	159.55	March 2010	
	Teturiya (Closed)		0	0	123.00	-	
	New Akashkinari UG	New Akashkinari UG	0.135	0.176	367.58	March 2010	
	New Akashkinari OC	New Akashkinari OC	1.0	1.3		March 2010	
	South Govindpur (closed)		0	0	182.00	-	
	Total Cluster		2.769	3.600	1420.61	March 2010	27.04.2010
Cluster-IV	Salanpur	Salanpur colliery UG	0.15	0.195	177.49	March 2010	
	Katras Choitodih	Katras chaitudih colliery UG	0.22	0.286	228	March 2010	
	Amalgamated West Mudidih-Keshalpur UG	Amalgamated West Mudidih-Keshalpur UG	0.19	0.247	325	March 2010	
	Amalgamated West Mudidih-	Amalgamated West Mudidih-	2.0	2.6		March 2010	

	Keshalpur OC	Keshalpur OC					
	Amalgamated Ramkanali-Angarpathra	Amalgamated Ramkanali-Angarpathra Colliery	0.291	0.378	254.64	March 2010	
	Gaslitand Colliery (UG) (Closed)		0.00	0.00	138.66		
	Total Cluster		2.851	3.706	1123.79	March 2010	27.04.2010
Cluster-V	Tetulmari(UG& OC)	Tetulmari OC	0.650	0.845	317.00	November' 2010	
		Tetulmari UG	0.145	0.1885		November' 2010	
		Total	0.795	1.033			
	Mudidih(UG& OC)	Mudidih OC	1.37	1.78	378.05	November' 2010	
		Mudidih UG	0.183	0.238		November' 2010	
		Total	1.553	2.019			
	Nichitpur OC	Nichitpur OC	0.600	0.780			
	Sendra Bansjora (UG&OC)	Sendra Bansjora OC	0.6	0.78	249.69	November' 2010	
		Sendra Bansjora UG	0.15	0.195		November' 2010	
		Total	0.750	0.975			
	Basdeopur(UG &OC)	Basdeopur Colliery UG	0.12	0.156	104.72	August '2010	
		Basdeopur Colliery OC (proposed)	0.558	0.725		August '2010	
		Total	0.678	0.879			
	Loyabad UG		0.000	0.000	499.56		
	Kankanee(UG& OC)	Kankanee OC	0.360	0.468	258.12	August '2010	
		Kankanee UG(Reopening)	0.12	0.156		August '2010	
			0.480	0.624			
	Total Cluster		4.854	6.311	1957.08	November 2010	20.12.2010
Cluster-VI	E. Bassuriya Colliery (OC)	East Basuria Colliery (OC Mine)	1.500	1.950	141.07	January 2011	
	Bassuriya Colliery UG	Bassuriya Colliery UG Mine	0.120	0.156	162.76	June 2011	
	Gondudih/ Khas Kusunda Colliery OC	Gondudih/ Khas Kusunda Colliery OC Mine	2.000	2.600	410.00	June 2011	
	Godhur Colliery	Godhur Colliery UG Mine	0.250	0.325	162.72	April 2011	
		Godhur Colliery OC Project	2.000	2.600		April 2011	
	Total Cluster		5.870	7.631	876.55	June 2011	25.06.2011
Cluster-VII	Dhansar UG	Dhansar Colliery UG	0.372	0.484	174.12	May 2010	
	Dhansar OC	Dhansar Colliery OC	0.8	1.04		May 2010	
	Alkusa UG	Alkusa Colliery UG	0.115	0.1495	101.77	May 2010	
	Kusunda OC	Kusunda OC	2.000	2.600	247.7		
	Industry UG		0	0	137.2		
	Ena OC	Ena Colliery OC	0.17	0.221	181.3	May 2010	
	Kustore UG		0	0	250.71		
	East Bhuggatdih		0	0	242.62		
	South Jharia/ Rajapur OC	Rajapur / South Jharia Colliery OC	1.3	1.69	207.48	May 2010	
	Burragarh UG	Burragarh Colliery UG	0.17	0.221	147.83	May 2010	

	Simlabahal UG	Simlabahal Colliery UG	0.25	0.325	178.13	May 2010	
	Huriladih UG	Huriladih Colliery UG	0.09	0.117	127.17	May 2010	
	Bhutgoria UG	Bhutgoria Colliery UG	0.36	0.468	131.67	May 2010	
	Viswakarma OC(proposed replacing Dhansar OC)	Viswakarma OC (proposed)	0.70	0.91	Dhansar & Industry leasehold(part)	May 2010	
	TOTAL		6.227	8.161	2127.70	May 2010	22.06.2010
Cluster-VIII	Bastacolla UG	Bastacolla Colliery UG	0.33	0.429	239.45	June 2010	
	Bastacolla OC	Bastacolla Colliery OC	0.10	0.13		June 2010	
	Bera UG	Bera Colliery UG	0.19	0.247	209.56	August 2010	
	Bera OC	Bera OC	0.15	0.195		August 2010	
	Dobari Colliery UG	Dobari Colliery UG	0.24	0.24	146.90	August 2010	
	Kuya UG	Kuya Colliery UG	0.10	0.13	340.50	August 2010	
	Kuya OC	Kuya OCP	0.60	0.780		August 2010	
	Ghanoodih Colliery OCP	Ghanoodih OCP	1.40	1.820	73.16	October 2009	
	Goluckdih OCP(proposed replacing Kuya OC)	Goluckdih (Non Coking) OCP	1.2	1.56	Project area 241.42 from Goluckdih, Kuya & Ghanoodih	August 2010 (part of PR)	
	Kujama Colliery OC	Kujama OC outsourcing	0.60	0.780	191.00	June 2010	
	TOTAL		4.31	5.603	1200.41	August 2010	31.08.2010
Cluster-IX	Lodna UG		0.115	0.150	391.64	August 2010	
	N.Tisra UG		0.15	0.195	246.24	August 2010	
	NT/ST OCP		1.65	2.145	256.15	August 2010	
	Jealgora UG		0	0	138.00		
	Bagdigi UG		0.11	0.143	61.00	August 2010	
	Joyrampur UG		0.153	0.199	98.04	August 2010	
	Jeenagora OC		0.7	0.91	276.05	August 2010	
	Bararee UG		0.17	0.221	475.00	August 2010	
	Total		3.048	3.963	1942		
	NT/ST Expan. OCP (*in the lease hold of S.Tisra/NTST OC,Jeenagora and Joyrampur collieries and 676 ha out side the LH and it will replace NTST OC,Jeenagora collieries.)		6.0	7.8	1431.00	August 2010	
	Overall					September,2010	29.09.2010
Cluster-X	Amlabad UG	Amlabad UG			386.95		
	Bhowrah North UG	Bhowrah North UG	0.11	0.143	208.83	August '2010	
	Bhowrah North OC	Bhowrah North OC	0.42	0.546		August '2010	
	Bhowrah South UG	Bhowrah South (UG)	0.29	0.377	571.58	August '2010	
	Bhowrah South 3 pit OC	3 Pit OCP	0.235	0.305		September '2010	

	Simlabahal UG	Simlabahal Colliery UG	0.25	0.325	178.13	May 2010	
	Huririladih UG	Huririladih Colliery UG	0.09	0.117	127.17	May 2010	
	Bhutgoria UG	Bhutgoria Colliery UG	0.36	0.468	131.67	May 2010	
	Viswakarma OC(proposed replacing Dhansar OC)	Viswakarma OC (proposed)	0.70	0.91	Dhansar & Industry leasehold(part)	May 2010	
	TOTAL		6.227	8.161	2127.70	May 2010	22.06.2010
Cluster-VIII	Bastacolla UG	Bastacolla Colliery UG	0.33	0.429	239.45	June 2010	
	Bastacolla OC	Bastacolla Colliery OC	0.10	0.13		June 2010	
	Bera UG	Bera Colliery UG	0.19	0.247	209.56	August 2010	
	Bera OC	Bera OC	0.15	0.195		August 2010	
	Dobari Colliery UG	Dobari Colliery UG	0.24	0.24	146.90	August 2010	
	Kuya UG	Kuya Colliery UG	0.10	0.13	340.50	August 2010	
	Kuya OC	Kuya OCP	0.60	0.780		August 2010	
	Ghanoodih Colliery OCP	Ghanoodih OCP	1.40	1.820	73.16	October 2009	
	Goluckdih OCP(proposed replacing Kuya OC)	Goluckdih (Non Coking) OCP	1.2	1.56	Project area 241.42 from Goluckdih, Kuya & Ghanoodih	August 2010 (part of PR)	
	Kujama Colliery OC	Kujama OC outsourcing	0.60	0.780	191.00	June 2010	
	TOTAL		4.31	5.603	1200.41	August 2010	31.08.2010
Cluster-IX	Lodna UG		0.115	0.150	391.64	August 2010	
	N.Tisra UG		0.15	0.195	246.24	August 2010	
	NT/ST OCP		1.65	2.145	256.15	August 2010	
	Jeenagora UG		0	0	138.00		
	Bagdigi UG		0.11	0.143	61.00	August 2010	
	Joyrampur UG		0.153	0.199	98.04	August 2010	
	Jeenagora OC		0.7	0.91	276.05	August 2010	
	Bararee UG		0.17	0.221	475.00	August 2010	
	Total		3.048	3.963	1942		
	NT/ST Expan. OCP (*in the lease hold of S.Tisra/NTST OC,Jeenagora and Joyrampur collieries and 676 ha out side the LH and it will replace NTST OC,Jeenagora collieries.)		6.0	7.8	1431.00	August 2010	
	Overall					September,2010	29.09.2010
Cluster-X	Amlabad UG	Amlabad UG			386.95		
	Bhowrah North UG	Bhowrah North UG	0.11	0.143	208.83	August 2010	
	Bhowrah North OC	Bhowrah North OC	0.42	0.546		August 2010	
	Bhowrah South UG	Bhowrah South (UG)	0.29	0.377	571.58	August 2010	
	Bhowrah South 3 pit OC	3 Pit OCP	0.235	0.305		September 2010	

	Bhowrah South Chandan OC	Chandan OCP(Bhowrah)	0.158	0.205		August '2010	
	Sudamdih Incline UG	Sudamdih Incline UG	0.09	0.117	254.27	August '2010	
	Sudamdih Shaft UG	Sudamdih Shaft UG	0.185	0.240	391.50	August '2010	
	Patherdih UG	Patherdih (UG)	0.054	0.070	244.34	August '2010	
	Patherdih Chandan OC	Chandan OCP (Patherdih)	0.22	0.286		August '2010	
	TOTAL		1.762	2.289	2057.47		
	Sudamdih Coal Washery		1.6	2.08	18(within S S UG mine)	September, 2010	
	Overall		1.762	2.289	2057.47	September, 2010	27.10.2010
Cluster-XI	Kendwadih UG Mine	Kendwadih UG Mine(Closed)	0.000	0.000	217.54		
	Gopalchuck UGMine	Gopalchuck UG Project	0.110	0.143	241.94	March 2012	
	Pootkee UG Mine	Pootkee UG Mine(Closed)	0.000	0.000	153.77		
	KachhiBalihari 5/6 Pit UG Mine	KachhiBalihari 5/6 Pit UG Mine(Closed)	0.000	0.000	120.71		
	KachhiBalihari 10/12 Pit UG	KachhiBalihari 10/12 Pit UG	0.090	0.117	60.00	March 2012	
	PB UG Project	PB Project UG	0.800	1.040	89.00	March 2012	
	Bhagaband UG Mine	Bhagaband UG Mine	0.080	0.104	581.17	March 2012	
	Moonidih UG Mine	Moonidih UG Mine	4.000	5.200	2063.45	March 2012	
	TOTAL		5.080	6.604	3527.58		
	Moonidih Washery		1.60	1.60	0.27(within Moonidih)	March 2012	
	Overall					March 2012	13.03.2012
Cluster-XII	Kapuria UG	Kapuria UG	2.4	3.12	809.60	March 2012,	30.05.12 Approved Mining Plan submitted on
Cluster-XIII	Bhurungiya Colliery		0.000	0.000			
	Muchriadih Colliery		0.000	0.000			
	Hantoodh Colliery		0.000	0.000			
	Padugora Colliery		0.000	0.000			
	Murulidih Colliery		0.000	0.000			
	Murulidih 20 and 21 pits UG		0.180	0.234	571.32	January 2010	
	Bhatdee Colliery		0.000	0.000			
	TOTAL		0.180	0.234		January 2010	04.01.2010
Cluster-XIV	Lohapatty UG Mine	Lohapatty UG Mine	0.03	0.039		January 2010	
	Lohapati OC patch	Lohapati OC patch	0.375	0.487	1577.22	January 2010	
	Total		0.405	0.526	1577.22	January 2010	04.01.2010
Cluster-	Madhuband	Madhuband	0.113	0.147	393.77	February, 2010	

XV	Colliery	Colliery					
	Phularitand Colliery	Phularitand UG Colliery	0.120	0.156	340.88	February, 2011	
	Kharkharee Colliery	Kharkharee Colliery UG	0.092	0.12	584.00	February, 2011	
	Dharmaband Colliery	Dharmaband Colliery (Closed)	0	0	377.90		
	TOTAL		0.325	0.423	1696.55	February, 2011	10.03.2011
Cluster-XVI	Basantimata UG	Basantimata UG	0.210	0.273	417.00	December, 2009	
	Dahibari/Basantimata OCP	Dahibari/Basantimata OCP	1.300	1.690	435.68	December, 2009	
	New Laikdih OCP	New Laikdih OCP	0.000	0.000			
	Laikdih Deep UG	Laikdih Deep UG	0.000	0.000			
	Chanch UG	Chanch UG	0.000	0.000			
	TOTAL		1.510	1.963			
	Dahibari Washery	Dahibari Washery	1.6	1.6			
	Overall					December, 2009	19.03.2010
Cluster-XVII		Begunia UG	0.000	0.000	306.00		
		Victoria West UG	0.000	0.000	310.00		
		Victoria UG	0.000	0.000	65.43 (157.57/223.00 in KOCP)		
		Damagoria Colliery	0.000	0.000	295.17(324.93/620.10 in KOCP)		
		Proposed Kalyaneshwari OCP	4.000	5.200	851.83	July 2013 Draft PR Executive summary	
		TOTAL	4.000	5.200			
		Proposed Kalyaneshwari Washery	3.650	3.650	15.66	Conceptual Report July 2013	
	Overall				1844.09	July 2013	23.08.2013