

ZZG/CLAB-KSPCB/04/ 12438
10-06-2013

Senior Environmental Officer,
Hazardous waste cell,
Karnataka State Pollution Control Board
Office of the chairman,
6th, 7th & 8th & 9th floors,
Subhas Chandra Bose Building,
M G Road
Bangalore 560 001.

Courler service

Gentleman:

Sub : Details of Waste Oil & Waste Oil sludge under the provisions of Hazardous waste (Management, Handling & Transboundary Movement) Rule-2008 amended 2010

We are sending herewith the following for the month of May **2013**

1. Quantity of storage & transportation details of Waste oil
2. Quantity of Waste oil sludge reprocessed on our RLK
3. E - Waste generation and Disposal details.

We hope you will find this in order

Thanking You,

Very Truly yours,

THE WEST COAST PAPER MILLS LTD


KL CHANDAK
EXECUTIVE DIRECTOR

Encl As above

Cc Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG - II, B - 217
B-1, Main Road, A 16th Cross
Near Harl Om Trust, Habbuwada
KARWAR - 581 303

Cc : V P (Ops) - Shri B H Rathi
Cc : DGM (TS)
Cc : Asst. Superintendent (IPC) .
Cc : PR Department - For information



The West Coast Paper Mills Ltd Dandeli
Central Laboratory (IPC)

Details of Lubricating waste oil And Furnance oil sludge

May-2013

S No	Particulars	Quantity (KL)	
		For the Month	For the Year from April 2013 to March 2014
I LUBRICATING WASTE OIL			
1.0	Total generation	10.400	10.400
2.0	Total Quantity Disposed	Nil	Nil
2.3	Balance in storage yard	10.400	10.400
II FURNANCE OIL SLUDGE			
1.0	Total generation	Nil	17.409 (Last year balance)
2.0	Total Quantity Disposed		
2.1	Recycled In RLK		
2.2	Closing Balance		17.409 (Last year balance)
III E - Waste			
		Quantity (MT)	
		For the Month	For the Year from April 2013 to March 2014
1.0	Total generation	Nil	3.350
2.0	Total Quantity Disposed	Nil	3.350

K.L. Chandek
Signature

Date 10/6/2013

Name K.L Chandek
Executive Director

Address The West Coast Paper Mills Ltd Dandeli
Bangur Nagar DANDELI (U.K.) 681326

MD

ZZG/CLAB-KSPCB/04/ 120135
10 06-2013

Environmental Officer
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG - II, B - 217
B 1, Main Road, A-16th Cross
Near Hari Om Trust, Habbuwada
KARWAR - 581 303

Courier service

Gentleman:

Sub : Analysis report of treated trade effluent collected jointly by
K S P C.B. official & mills

We are enclosing herewith our analysis report of above mentioned sample
collected jointly by K S P.C.B Official & mills on 24th **May 2013.**

Hope you will find this in order.

Thanking You,

Very Truly yours,
THE WEST COAST PAPER MILLS LTD


KL CHANDAK
EXECUTIVE DIRECTOR

Encl · As above

Cc V P (Opns) - Shri B H Rathi
Cc: DGM (TS)
✓ Cc : Asst. Superintendent (IPC) .
Cc · PR Department For information



THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Analysis report of treated trade effluent along with treated colony sewage
(samples collected jointly by K S P C B officials KARWAR and Central Laboratory-IPC)
personnel on 24-05-2013

SL No	Pollutants as specified in consent condition	Tolerance Limits	Pollutants Concentration
A	<i>Industrial effluent</i>		
1	Colour & Odour	All efforts to remove colour & odour as far as practicable	68 CPU & odourless
2	Suspended solids mg/l	50.0 [max]	38
3	Particle size of suspended solids mg/l	Shall pass through 850 microns IS sieve	Less than 850 μ
4	Dissolved solids [Inorganics] mg/l	2100 [max]	808
5	Temperature °C	Shall not exceed 40 °C in any section of the stream within 15 mts Down stream from the effluent outlet	32
6	pH value	7.0 - 8.5	7.2
7	Oil & Grease mg/l	10.0 [max]	Nil
8	Total residual chlorine mg/l	1.0 [max]	Nil
9	Ammonical Nitrogen [as N] mg/l	50.0 [max]	Nil
10	Total Kjeldhal Nitrogen [as N] mg/l	100.0 [max]	1.8
11	Free Ammonia [as NH ₃] mg/l	5.0 [max]	Nil
12	Bio Chemical Oxygen Demand [6 days at 20 °C] mg/l	30.0 [max]	20
13	Chemical Oxygen Demand mg/l	250.0 [max]	130
14	Chloride [as Cl] mg/l	350.0 [max]	158
15	Dissolved Phosphate [as P] mg/l	5.0 [max]	0.02
16	Sulphate [as SO ₄] mg/l	1000.0 [max]	52
17	Sulphide [as S] mg/l	2.0 [max]	Nil
18	Phenolic compound [as C ₆ H ₅ OH] mg/l	1.0 [max]	Nil
19	Bio assay	Not Less than 90% of the test animal shall survive in 96 hrs test. The test shall be conducted as per IS 6582	Free from toxic materials as all test fishes survived after 96 hrs

K. L. Chandak
Signature

Date 10/6/2013

Name : K L CHANDAK
Executive Director

Address : The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI (U.K.) 681-326

MS/11

ZZG/CLAB-KSPCB/04/ 12113)
10-06 2013

Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG - II, B - 217
B-1. Main Road, A 16th Cross
Near Hari Om Trust, Habbuwada
KARWAR - 581 303

Courier Service

Gentleman

Sub : Air Pollution Control Report

We are sending herewith the following for the month of May **2013**

1. Analysis report of stack emission showing the performance of the Air pollution control equipments / Instruments.
2. The Ambient Air Quality Monitoring report & meteorological report
3. Month wise Fly ash & Bottom ash generation quantity & disposal quantity to different parties in MT

I hope you will find this in order

Thanking You,

Very Truly yours,
THE WEST COAST PAPER MILLS LTD


KL CHANDAK
EXECUTIVE DIRECTOR

Encl As above

Cc V P (Ops) - Shri B H Rathl
Cc DGM (TS)
✓ Cc Asst Superintendent (IPC)
Cc PR Department - For Information



THE WEST COAST PAPER MILLS LIMITED
CENTRAL LABORATORY (IPC)

Report analysis of stack emission showing performance of air pollution control for the month of
May-2013

Tested by Central Laboratory (IPC)

Stack No	Stack attached to,	Rate of Emission Nm ³ / hr		Constituents to be controlled in emission	Tolerance Limit mg/Nm ³	
		Tolerance	Achieved		Tolerance	Achieved
1	Chemical Recovery Boiler I	1,25,000	120,557	Particulates	150	78
				H ₂ S	10	1 10
2	Chemical Recovery Boiler II	2,25,120	211,886	Particulates	150	82
				H ₂ S	10	1 00
3	Rotary Lime Kiln-I	20,000	18,798	Particulates	150	69
4	Rotary Lime Kiln -II	39,600	37,376	Particulates	150	98
5	Smelt Dissolving vent - I	6,500	16,474	Particulates	150	70
6	Smelt Dissolving vent II	-	23,417	Particulates	150	90
7	FBC Boiler I	92,000	Shut	Particulates	150	Shut
				SO ₂	-	Shut
8	FBC Boiler - II	1,23,912	Shut	Particulates	150	Shut
				SO ₂	-	Shut
9	FBC Boiler III		94,531	Particulates	50	36
				SO ₂		820
10	FBC Boiler IV	1,44,109	128,312	Particulates	150	88
				SO ₂	-	421
11	1.0 MW DG set	-	-	SO ₂		NR*
12	4.0 MW DG set		-	SO ₂		NR*
13	4.04 MW DG set		-	SO ₂		NR*

NR* - Nominal Running


Signature

Date : 10/5/2013
Name : K.L. CHANDAK
Executive Director

The West Coast Paper Mills Ltd.,
Address : Mangur Nagar DANDELI (U.K) 681 325



THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Report of the analysis of Ambient Air Quality & Meteorological data for the month of
May-2013

SL.No.	Characteristic	Unit	Fire station	P.M/c Old Clariflor	P.Mill Old Clariflor	Kerwad Village
I	Ambient Air Quality					
	i] Suspended Particulate Matter PM 2.5	µg/m ³	35.0	38.0	33.0	33.0
	ii] Suspended Particulate Matter PM 10	µg/m ³	81.0	88.0	73.0	71.0
	iv] Sulphur Dioxide [SO ₂]	µg/m ³	14.0	12.0	10.0	21.0
	v] Oxidles of Nitrogen[NOx]	µg/m ³	24.0	22.0	53.0	18.0
	vi] Hydrogen Sulphide [H ₂ S]	µg/m ³	Negl	Negl	Negl	Negl
			1 st Week	2 nd Week	3 rd Week	4 th Week
II	Meteorological Data					
	i] Wind Velocity	KM/hr	3.98	5.77	5.43	3.20
	ii] Wind Direction		NW	SW	S	SW
	iii] Temperature	°C				
	Maximum		37.5	36.0	36.3	35.0
	Minimum		20.6	22.5	22.2	20.6
	iv] Relative Humidity	%				
	Maximum					
	Morning		90	87	86	92
	Evening		69	68	72	67
	Minimum					
Morning		80	74	73	74	
Evening		66	65	60	60	
Total Rainfall	cms	Nil	Nil	Nil	2.300	

K. L. Chandak
 Signature :

Date : 10/6/2013

Name : K L CHANDAK
 Executive Director

Address: The West Coast Paper Mills Ltd.,
 Bangur Nagar DANDELI (U.K.) 581-32

10/6/13

The West Coast Paper Mills Ltd Dandeli
Central laboratory (IPC)

Details of Fly ash & Bottom ash generation & Disposal practice for the month of May 2013 & for the year 2013 2014

S.No	Particulars	2013 - 2014			
		Quantity of Bottom ash (Eco ash), MT		Quantity of Fly ash, MT	
		For the Month	For the Year	For the Month	For the Year
1.0	Total Quantity of Fly ash & Eco Ash Generated	2,092	4,041	4,740	9,665
2.0	Disposal Details				
2.1.0	Cement Industries				
2.1.1	Katwa Cement, Yadwad	Nil	Nil	Nil	Nil
2.1.2	Kanori Cement, Bagalkot	98	107	373	771
2.1.3	Baghoji Cement, Karwar				
2.1.4	Guru Enterprise	Nil	Nil	Nil	120
2.1.4	Sub Total SI No 2.1.0 (SI No 2.1.1 to 2.1.4)	98	107	373	900
2.2.0	Brick / Block Manufacturing Industries				
2.2.1	Hubli	Nil	14	365	813
2.2.2	Kali Nirmali Kendra, Dandeli / Nearby area	581	1,786	1604	3,707
2.2.3	Halmaddi, Dandeli	Nil	Nil	Nil	Nil
2.2.4	Others	162	337	1428	2,630
2.2.5	Sub Total SI.No 2.2.0 (SI No 2.2.1 to 2.2.4)	743	2,137	3,397	7,156
2.3.0	Disposal Into pits				
2.3.1	Gopal dalry	Nil	Nil	Nil	Nil
2.3.2	Agri/Unil./Rampur	1251	1,797	970	1,500
2.3.3	Sub Total SI No 2.3.0 (SI. No 2.3.1 To 2.3.2)	1251	1,797	970	1,500
3.0	Grand Total Of Disposed quantity SI No (SI No 2.1.4+2.2.5+2.3.3)	2,092	4,041	4,740	9,665

K. L. Chandak
Signature

Date 10/6/2013

Name K L CHANDAK
Executive Director

Address The West Coast Paper Mills Ltd.
Bangur Nagar DANDELI (U.K.) 581-325

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ZZG/CLAB-KSPCB/04/ 121136
10-06 2013

Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG - II, B - 217
B 1, Main Road, A 16th Cross
Near Hari Om Trust, Habbuwada
KARWAR - 581 303

Courier service

Gentleman

Sub : Water pollution Control Report

We are Sending herewith the following for the month of May **2013**

1. The weekly analysis report of treated mill effluent (Including sewage).
2. Dally readings of on-line meter of D O., pH, Temperature & flow at single point discharge
3. Up stream & Downstream water quality monitoring report of Kali River.

" we certify that no trade effluent , sewage effluent, Solid waste is being discharged outside the premises without treatment directly or indirectly"

We hope you will find this in order.

Thanking You,

Very Truly yours,
THE WEST COAST PAPER MILLS LTD


KL CHANDAK
EXECUTIVE DIRECTOR

Encl As above

Cc V P (Opns) - Shri B H Rathi
Cc : DGM (TS)
✓ Cc Asst. Superintendent (IPC)
Cc : PR Department - For Information



**THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)**

Report of analysis of treated effluent along with treated sewage showing performance of the treatment plant for the month of
May-2013

sample collected & tested by CENTRAL LABORATORY (IPC)

Sl.No	Pollution parameters as mentioned in the condition imposed under consent granted under section 25/26 of the water (prevention & control of pollution) Act 1974	Maximum permissible limits or ranges allowed as per consent conditions	concentration or range of parameters as per report			
			I Week	II Week	III Week	IV Week
A	Industrial effluent		65 CPU and odourless			
1	Colour & Odour	All efforts to remove colour & odour as far as practicable				
2	Suspended solids mg/l	50.0 [max]	32	36	30	36
3	Particle size of suspended solids mg/l	Shall pass through 850 microns IS sieve	<850	<850	<850	<850
4	Dissolved solids (Inorganics) mg/l	2100 [max]	738	740	728	762
5	Temperature °C	Shall not exceed 40 °C in any section of the stream within 15 mts. Down stream from the effluent outlet	33	32	33	33
6	pH value	7.0 - 8.5	7.3	7.3	7.2	7.2
7	Oil & Grease mg/l	10.0 [max]	Nil	Nil	Nil	Nil
8	Total residual chlorine mg/l	1.0 [max]	Nil	Nil	Nil	Nil
9	Ammonical Nitrogen [as N] mg/l	50.0 [max]	Nil	Nil	Nil	Nil
10	Total Kjeldhal Nitrogen [as N] mg/l	100.0 [max]	1.4	1.6	1.3	1.2
11	Free Ammonia [as NH ₃] mg/l	5.0 [max]	Nil	Nil	Nil	Nil
12	Bio Chemical Oxygen Demand [5 days at 20 °C] mg/l	30.0 [max]	22	25	23	24
13	Chemical Oxygen Demand mg/l	260.0 [max]	122	138	135	135
14	Chloride [as Cl] mg/l	350.0 [max]	136	148	138	142
15	Dissolved Phosphate [as P] mg/l	5.0 [max]	Nil	Nil	Nil	Nil
16	Sulphate [as SO ₄] mg/l	1000.0 [max]	44	52	58	64
17	Sulphide [as S] mg/l	2.0 [max]	Nil	Nil	Nil	Nil
18	Phenolic compound [as C ₆ H ₅ OH] mg/l	1.0 [max]	Nil	Nil	Nil	Nil
19	Bio assay	Not Less than 90% of the test animal shall survive in 96 hrs test. The test shall be conducted as per IS 6502	Free from toxic materials as all test fishes survived after 96 hrs			

K.L. Chandak
Signature

Date . 10/6/2013

Name **K L CHANDAK**
Executive Director

Address **The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI (U.K) 581-325**

[Handwritten mark]

THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Report on dally discharge pH DO & temperature of combined treated effluent for the month of May 2013

SL.No	Date	Treated mill effluent			
		Flow m ³ /Day	pH	D O ppm	Temp ° C
1	1-May-13	67 483	7.4	3.6	32
2	2-May-13	69 556	7.4	3.6	32
3	3-May-13	67 791	7.3	3.6	32
4	4 May 13	69 937	7.3	3.6	32
5	5 May-13	72,523	7.2	3.5	32
6	6 May-13	70,082	7.3	3.6	33
7	7-May-13	69 625	7.1	3.5	33
8	8-May 13	70 290	7.3	3.7	32
9	9 May-13	73 413	7.3	3.7	32
10	10 May-13	74 857	7.3	3.6	33
11	11-May-13	69 670	7.3	3.6	32
12	12 May-13	70 255	7.3	3.6	32
13	13 May 13	71,334	7.3	3.7	33
14	14-May-13	73 776	7.2	3.7	32
15	15 May 13	69525	7.3	3.6	33
16	16-May-13	73 605	7.3	3.6	33
17	17 May 13	71 711	7.2	3.7	33
18	18-May-13	72 879	7.2	3.8	33
19	19-May 13	74,220	7.2	3.6	33
20	20 May 13	73 649	7.3	3.8	33
21	21-May-13	75,064	7.2	3.8	32
22	22 May-13	74,117	7.3	3.7	33
23	23-May 13	77,475	7.2	3.4	33
24	24 May-13	77,640	7.3	3.5	33
25	25 May 13	73 760	7.3	3.6	32
26	26 May 13	72 979	7.2	3.4	33
27	27-May 13	75 089	7.2	3.6	33
28	28-May 13	69 686	7.2	3.6	33
29	29 May-13	69 581	7.2	3.6	32
30	30 May 13	69,585	7.1	3.6	32
31	31 May-13	68 642	7.2	3.5	33
Average for day		71,932	7.3	3.6	32.5

K. L. Ciandak
Signature

Date : 10/6/2013

Name : **K L CIANDAK**
Executive Director

Address : **The West Coast Paper Mills Ltd ,**
Bangur Nagar DANDELI (U.K.) 581 325

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THE WEST COAST PAPER MILLS LIMITED, DANDELI

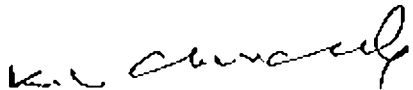
Central Laboratory (IPC)

Date of sample collection: 24-05-2013

Kall river upstream & Down stream water samples analysis report

Samples collected jointly by KSPCB officials & Central Laboratory (IPC) personnel on 24-05-2013

SL No	Parameter	Upstream	Downstream		
			Karlempani Village	Harnoda Village	
1	pH	7.6	7.5	7.4	
2	Colour	Clear	Clear	Clear	
3	Odour	No Odour	No Odour	No Odour	
4	Suspended Solids	ppm	19	16	14
5	Dissolved Solids	ppm	48	50	50
6	Total Solids	ppm	67	66	64
7	Hardness as CaCO ₃	ppm	25	28	24
8	Alkalinity (M O) as CaCO ₃	ppm	34	36	38
9	Chloride as Cl	ppm	5.8	6.2	6.6
10	Sulphate as SO ₄	ppm	15.6	16.8	17.0
11	Turbidity	NTU	38	34	32
12	Sp. Conductivity	μ S	26.6	22.2	23.4


Signature

Date 10/6/2013

Name K L CHANDAK

Executive Director

Address The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI (U.K.) 581 325

