WEST COAST PAPER MILLS LTD.,

Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325, Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL", Phone Nos. : (08284) 231391 - 395 (5 Lines)
Fax Nos. : 08284 - 231 225 (Admn. Off.) 232150 (Sales A/c.s) 230443 (Works Off.) 232148 (Paper Godown)

ISO 9001/14001
OHSAS - 18001
DNV
CERTIFIED

ZZK/CLAB-KSPCB/04/ 1323
04-03-2017

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

Speed Post with A D

Dear Sir:

Sub: Water pollution Control Report

We are sending herewith the following for the month of February 2017.

The weekly analysis report of treated mill effluent (including sewage).
Daily readings of on-line meter of D.O, Temperature & flow at single point discharge, with Energy consumption.
Upstream & Downstream water quality monitoring report of Kali River.
Compiled on line data of Treated Trade Effluent (connected to CPCB server).

"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,
WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

Corporate Office : Chandrakiran, 4th Floor, 10-A, Kasturba Road, Bangalore-560 001
Phone Nos. : 080-22231828 to 1837, 22211760 Fax : 080-22231838, Grams : KAGAJCO

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

Feb-2017

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.				Dates on which	
					I Week	II Week	III Week	IV Week	There was breakdown or failure of the plant	Under Performance was noticed
A	***Industrail effluent***								No Breakdowns or Failure	**Continuous**
1	Colour & Odour		All efforts to remove colour & odour as far as practicable		**70 CPU and odourless**					
2	Suspended solids	mg/l	50.0	[max]	32	36	31	30		
3	Particle size of suspended sol	mg/l	Shall pass through 850 microns IS sieve		<850	<850	<850	<850		
4	Dissolved solids [inorganics]	mg/l	2100	[max]	708	732	720	738		
5	Temperature	° C	Shall not exceed 40 ° C in any section of the stream within 15 mts. Down stream from the effluent outlet		34	36	36	36		
6	pH value		7.0 - 8.5		7.0	7.2	7.4	7.4		
7	Oil & Greese	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]	1.0	1.2	1.0	1.2		
11	Free Ammonia [as NH_3]	mg/l	5.0	[max]	Nil	Nil	Nil	Nil		
12	Bio Chemical Oxygen Demand [3 days at 27 ° C]	mg/l	30.0	[max]	15	18	15	17		
13	Chemical Oxygen Demand	mg/l	250.0	[max]	109	110	123	120		
14	Chloride [as Cl]	mg/l	350.0	[max]	152	138	144	152		
15	Dissolved Phosphate [as P]	mg/l	5.0	[max]	Nil	Nil	Nil	Nil		
16	Sulphate [as SO_4]	mg/l	1000.0	[max]	52	48	56	63		
17	Sulphide [as S]	mg/l	2.0	[max]	Nil	Nil	Nil	Nil		
18	Phenolic compound [as C_6H_5C	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 6582		Free from toxic materials as all test fishes survived after 96 hrs					

Date : **04 -03 -2017**

Signature :

Name : **B H Rathi**
President Technical

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

WEST COAST PAPER MILLS LIMITED, DANDELI

Central Laboratory (IPC)

Report on daily discharge, pH. DO & temperature of combined treated effluent for the month of February– 2017

SL .No	Date	D.O ppm	Temp o C	Total Energy Consumption Kwh
1	1-Feb-17	4.6	36	15961
2	2-Feb-17	4.4	36	16178
3	3-Feb-17	4.3	35	19860
4	4-Feb-17	4.4	36	19160
5	5-Feb-17	4.4	36	15739
6	6-Feb-17	4.3	36	16013
7	7-Feb-17	4.6	37	18199
8	8-Feb-17	4.5	36	16309
9	9-Feb-17	4.5	36	15078
10	10-Feb-17	4.2	36	15731
11	11-Feb-17	4.3	36	17282
12	12-Feb-17	4.3	37	18171
13	13-Feb-17	4.2	36	18614
14	14-Feb-17	4.5	36	18777
15	15-Feb-17	4.3	37	18207
16	16-Feb-17	4.4	36	20780
17	17-Feb-17	4.3	36	18707
18	18-Feb-17	4.3	36	18500
19	19-Feb-17	4.5	36	17619
20	20-Feb-17	4.4	36	16803
21	21-Feb-17	4.2	36	14504
22	22-Feb-17	4.5	36	17615
23	23-Feb-17	4.4	36	15531
24	24-Feb-17	4.5	36	16304
25	25-Feb-17	4.2	36	16389
26	26-Feb-17	4.3	36	18163
27	27-Feb-17	4.3	36	18928
28	28-Feb-17	4.5	37	17271
	Average Reading	**4.4**	**36**	**17371**

Date : **04 -03 -2017**

Signature :

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Bangur Nagar DANDELI . (U.K.) 581-325

WEST COAST PAPER MILLS LIMITED, DANDELI

Central Laboratory (IPC)

Date of sample collection:14-02-2017

Kali river upstream & Down stream water samples analysis report.
Samples collected jointly by KSPCB officials & Central Laboratory (IPC) personnel on **14-02-2017**

SL.No.	Parameter		Upstream	Downstream	
				Kariempalli Village	Harnoda Village
1	pH		7.4	7.3	7.5
2	Colour		Turbid	Turbid	Turbid
3	Odour		No Odour	No Odour	No Odour
4	Suspended Solids	ppm	12	16	12
5	Dissolved Solids	ppm	30	34	32
6	Total Solids	ppm	42	50	44
7	Hardness as CaCO3	ppm	24	26	22
8	Alkalinity (M.O)as CaCO3	ppm	42	48	40
9	Chloride as Cl	ppm	7.0	6.8	6.8
10	Sulphate as SO4	ppm	14.0	15.4	15.8
11	Turbidity	NTU	20	20	20
12	BOD_3	ppm	1.4	1.5	1.8
13	Sp. Conductivity	μs	48.4	54.8	51.6

Date : **04 -03 -2017**

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Environmental Officer,
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" Parisara Bhavan" , LIG – II, B – 217
B-1, Main Road, A-16th Cross
Near Hari Om Trust, Habbuwada
KARWAR – 581 303

Speed Post with A D

Dear Sir:

Sub: Air Pollution Control Report

We are sending herewith the following for the month of February 2017

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 & on line Monitoring report.
3. Month wise Fly ash & Bottom ash generation quantity & disposal quantity to different parties in MT.

We hope you will find this in order.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

Corporate Office : Chandrakiran, 4th Floor, 10-A, Kasturba Road, Bangalore-560 001
Phone Nos. : 080-22231828 to 1837, 22211760 Fax : 080-22231838. Grams : KAGAJCO

WEST COAST PAPER MILLS LIMITED

CENTRAL LABORATORY (IPC)

Report analysis of stack emission showing performance of air pollution control for the month of **Feb-2017**

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	95250	Particulates	150	50
				H_2S	10	1.06
2	Chemical Recovery Boiler -II	2,25,720	156,120	Particulates	150	52
				H_2S	10	1.02
3	Rotary Lime Kiln-I	20,000	6,114	Particulates	150	9
4	Rotary Lime Kiln -II	39,600	7,775	Particulates	150	12
5	FBC Boiler - I	92,000	Shut	Particulates	150	Shut
6	FBC Boiler - II	1,23,912	Shut	Particulates	150	Shut
7	FBC Boiler - III	1,38,480	109,738	Particulates	150	34
8	FBC Boiler - IV	1,44,108	108,927	Particulates	150	59

Note : Flue gases of RLK I & II have been diverted to PCC plant for manufacture of PCC to reduce CO_2 emission to Environment.

Date : 04 -03 -2017

Signature :

Name : B H Rathi
President Technical

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

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

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

Feb-2017

SL.No.	Characteristic	NAAQ STD	Unit	Fire station	P.M/c Old Clarifier	P.MIll Old Clarifier	Kerwad Village
I	Ambient Air Quality						
	i] Suspended Particulate Matter PM 2.5	60	$\mu g/m^3$	13.0	23.0	27.0	23.0
	ii] Suspended Particulate Matter PM 10	100	$\mu g/m^3$	66.0	65.0	66.0	64.0
	iv] Sulphur Dioxide [SO_2]	80	$\mu g/m^3$	13.0	9.0	11.0	13.0
	v] Oxidies of Nitrogen[NOx]	80	$\mu g/m^3$	28.0	28.0	26.0	24.0
	vi] Hydrogen Sulphide [H_2S]	-	$\mu g/m^3$	Negl	Negl	Negl	Negl
				1 st Week	2nd Week	3rd Week	4th Week
II	Meteorological Data						
	i] Wind Velocity	-	KM/hr	1.90	2.33	3.72	2.53
	ii] Wind Direction	-		SSW	NWW	SE	NWW
	iii] Temperature						
	Maximum	-	° C	34.5	34.0	36.0	37.0
	Minimum	-	° C	14.0	15.0	14.0	16.0
	iv] Relative Humidity,						
	Maximum						
	Morning	-	%	96	92	88	92
	Evening	-	%	74	76	74	77
	Minimum						
	Morning	-	%	88	84	84	81
	Evening	-	%	67	68	65	62
	Total Rainfall	-	mm	**0.000**	**0.000**	**0.000**	**0.000**

Date : **04 -03 -2017**

Signature :

Name : **B H Rathi**

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

West Coast Paper Mills Ltd Dandeli
Central laboratory (IPC)

Details of Fly ash & Bottom ash generation & Disposal practice for the month of February 2017 and for the year 2016-2017.

S.No	Particulars	2016 – 2017			
		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**	**3,200**	**24,277**	**5,027**	**46,174**
2.0	**Disposal Details**				
2.1.0	**Cement Industries**				
2.1.1	Katwa	Nil	**Nil**	Nil	**Nil**
2.1.2	Kanori Cement , Bagalkot	Nil	**Nil**	Nil	**Nil**
2.1.2	**Sub Total Sl.No 2.1.0 (SI. No 2.1.1)**	Nil	**Nil**	Nil	**Nil**
2.2.0	**Brick / Block manufacturing Industries**				
2.2.1	Hubli	280	**1,491**	910	**8,625**
2.2.2	Kali Nirmiti Kendra , Dandeli / Nearby area	2,044	**20,168**	3,230	**33,479**
2.2.3	Others	876	**2,618**	887	**4,070**
2.2.4	Sub Total	3,200	**24,277**	5,027	**46,174**
2.3.0	**Grand Total Of Disposed quantity SI.No (SI. No 2.1.0+ 2.2.0)**	**3,200**	**24,277**	**5,027**	**46,174**

Date : **04 -03 -2017**

Signature :

Name : **B H Rathi**
President Technical

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

Monthly Report- ETP **Month: Feb** **Year: 2017**

Date	PM10	PM 2.5	H_2S	SO_2	NOx
	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
2/1/2017	30.09	14.25	0.25	8.88	26.52
2/2/2017	28.57	12.64	0.29	9.14	28.59
2/3/2017	30.18	14.58	0.31	9.35	29.41
2/4/2017	26.52	15.02	0.24	8.25	28.85
2/5/2017	26.17	13.64	0.29	8.72	28.78
2/6/2017	28.88	15.05	0.32	9.63	31.76
2/7/2017	32.38	16.88	0.36	10.79	35.61
2/8/2017	24.92	12.99	0.28	8.31	27.41
2/9/2017	27.00	14.08	0.30	9.00	29.70
2/10/2017	26.46	13.79	0.29	8.82	29.10
2/11/2017	29.79	15.53	0.33	9.93	32.77
2/12/2017	32.45	15.62	0.39	5.07	24.35
2/13/2017	24.58	12.82	0.27	8.19	27.04
2/14/2017	24.58	12.82	0.27	8.19	27.04
2/15/2017	33.04	17.23	0.37	11.01	36.35
2/16/2017	26.58	13.86	0.30	8.86	29.24
2/17/2017	28.88	15.05	0.32	9.63	31.76
2/18/2017	32.38	16.88	0.36	10.79	35.61
2/19/2017	25.42	13.25	0.28	8.47	27.96
2/20/2017	30.38	15.84	0.34	10.13	33.41
2/21/2017	33.67	17.55	0.37	11.22	37.03
2/22/2017	29.13	15.18	0.32	9.71	32.04
2/23/2017	32.33	16.86	0.36	10.78	35.57
2/24/2017	31.50	16.42	0.35	10.50	34.65
2/25/2017	33.25	17.34	0.37	11.08	36.58
2/26/2017	36.83	19.20	0.41	12.28	40.52
2/27/2017	33.67	17.55	0.37	11.22	37.03
2/28/2017	35.08	18.29	0.39	11.69	38.59

Monthly Report- GEN OFFICE Month: Feb Year: 2017

Date	PM10	PM 2.5	H_2S	SO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	52.12	22.51	0.48	14.51	49.52
2/2/2017	56.23	23.58	0.39	16.52	51.14
2/3/2017	49.52	20.24	0.54	14.46	50.09
2/4/2017	47.89	19.58	0.48	15.58	52.23
2/5/2017	47.25	19.88	0.53	15.75	51.98
2/6/2017	52.67	22.16	0.59	17.56	57.93
2/7/2017	55.21	23.23	0.61	18.40	60.73
2/8/2017	44.46	18.70	0.49	14.82	48.90
2/9/2017	44.38	18.67	0.49	14.79	48.81
2/10/2017	41.04	17.27	0.46	13.68	45.15
2/11/2017	41.88	17.62	0.47	13.96	46.06
2/12/2017	37.25	15.67	0.41	12.42	40.98
2/13/2017	34.21	14.39	0.38	11.40	37.63
2/14/2017	40.33	16.97	0.45	13.44	44.37
2/15/2017	43.08	18.13	0.48	14.36	47.39
2/16/2017	41.88	17.62	0.47	13.96	46.06
2/17/2017	41.13	17.30	0.46	13.71	45.24
2/18/2017	44.92	18.90	0.50	14.97	49.41
2/19/2017	50.92	21.42	0.57	16.97	56.01
2/20/2017	42.00	17.67	0.47	14.00	46.20
2/21/2017	41.83	17.60	0.46	13.94	46.02
2/22/2017	46.04	19.37	0.51	15.35	50.65
2/23/2017	45.71	19.23	0.51	15.24	50.28
2/24/2017	50.13	21.09	0.56	16.71	55.14
2/25/2017	42.21	17.90	0.47	14.07	46.43
2/26/2017	41.88	17.76	0.47	13.96	46.06
2/27/2017	44.08	18.69	0.49	14.69	48.49
2/28/2017	48.17	20.42	0.54	16.06	52.98

Monthly Report- Maruti Temple **Month: Feb** **Year: 2017**

Date	PM10	PM 2.5	H_2S	SO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	52.26	20.04	0.05	15.85	50.17
2/2/2017	41.15	19.58	0.06	16.39	55.25
2/3/2017	52.33	23.35	0.07	17.45	53.20
2/4/2017	54.41	20.08	0.09	15.85	49.58
2/5/2017	50.08	21.21	0.08	16.69	55.09
2/6/2017	48.00	20.32	0.09	16.00	52.80
2/7/2017	51.88	21.97	0.04	17.29	57.06
2/8/2017	55.92	23.68	0.03	18.64	61.51
2/9/2017	49.92	21.14	0.05	16.64	54.91
2/10/2017	46.50	19.69	0.06	15.50	51.15
2/11/2017	45.83	19.41	0.06	15.28	50.42
2/12/2017	47.83	20.25	0.06	15.94	52.62
2/13/2017	45.38	19.21	0.06	15.13	49.91
2/14/2017	50.96	21.58	0.07	16.99	56.05
2/15/2017	46.17	19.55	0.60	15.39	50.78
2/16/2017	43.25	18.31	0.05	14.42	47.58
2/17/2017	49.25	20.85	0.06	16.42	54.18
2/18/2017	43.08	18.24	0.09	14.36	47.39
2/19/2017	46.38	19.64	0.08	15.46	51.01
2/20/2017	46.13	19.53	0.09	15.38	50.74
2/21/2017	46.63	19.74	0.04	15.54	51.29
2/22/2017	49.54	20.98	0.06	16.51	54.50
2/23/2017	49.33	20.89	0.05	16.44	54.27
2/24/2017	45.38	19.21	0.06	15.13	49.91
2/25/2017	43.92	18.60	0.04	14.64	48.31
2/26/2017	47.79	20.24	0.06	15.93	52.57
2/27/2017	48.33	20.47	0.07	16.11	53.17
2/28/2017	45.96	19.46	0.05	15.32	50.55

Monthly Report- Material Gate **Month: Feb** **Year: 2017**

Date	PM10	PM 2.5	H_2S
	mg/m³	mg/m³	mg/m³
2/1/2017	58.54	21.14	0.68
2/2/2017	51.16	20.52	0.59
2/3/2017	56.29	23.65	0.78
2/4/2017	55.54	25.48	0.68
2/5/2017	51.96	22.59	0.69
2/6/2017	55.92	24.31	0.75
2/7/2017	61.04	26.54	0.81
2/8/2017	54.04	23.50	0.72
2/9/2017	51.04	22.19	0.68
2/10/2017	51.71	22.48	0.69
2/11/2017	49.42	21.48	0.66
2/12/2017	55.54	24.15	0.74
2/13/2017	52.67	22.90	0.70
2/14/2017	44.88	19.51	0.60
2/15/2017	49.42	21.48	0.66
2/16/2017	52.00	22.61	0.69
2/17/2017	45.25	19.67	0.60
2/18/2017	46.17	20.07	0.62
2/19/2017	56.17	24.42	0.75
2/20/2017	52.42	22.79	0.70
2/21/2017	48.71	21.18	0.65
2/22/2017	48.50	21.09	0.65
2/23/2017	53.54	23.28	0.71
2/24/2017	44.96	19.55	0.60
2/25/2017	52.00	22.61	0.69
2/26/2017	51.92	22.57	0.69
2/27/2017	53.29	23.17	0.71
2/28/2017	52.00	22.61	0.69

Monthly Report- FBC-3 **Month: Feb** **Year: 2017**

Date	SPM	SO_2	NO	NO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	28.52	241.30	15.80	2.45	32.45
2/2/2017	36.45	234.58	14.56	2.68	32.58
2/3/2017	35.59	198.58	15.06	3.09	31.41
2/4/2017	30.25	222.02	14.78	3.33	29.47
2/5/2017	26.63	213.00	13.31	2.96	29.29
2/6/2017	32.58	260.67	16.29	3.62	35.84
2/7/2017	33.75	270.00	16.88	3.75	37.13
2/8/2017	32.83	262.67	16.42	3.65	36.12
2/9/2017	31.42	251.33	15.71	3.49	34.56
2/10/2017	27.75	222.00	13.88	3.08	30.53
2/11/2017	28.92	231.33	14.46	3.21	31.81
2/12/2017	22.71	181.67	11.35	2.52	24.98
2/13/2017	30.25	242.00	15.13	3.36	33.28
2/14/2017	33.25	266.00	16.63	3.69	36.58
2/15/2017	33.50	268.00	16.75	3.72	36.85
2/16/2017	40.21	321.67	20.10	4.47	44.23
2/17/2017	35.04	280.33	17.52	3.89	38.55
2/18/2017	38.50	308.00	19.25	4.28	42.35
2/19/2017	35.92	287.33	17.96	3.99	39.51
2/20/2017	37.58	300.67	18.79	4.18	41.34
2/21/2017	31.04	248.33	15.52	3.45	34.15
2/22/2017	35.13	281.00	17.56	3.90	38.64
2/23/2017	37.25	298.00	18.63	4.14	40.98
2/24/2017	39.92	319.33	19.96	4.44	43.91
2/25/2017	35.58	284.67	17.79	3.95	39.14
2/26/2017	33.25	266.00	16.63	3.69	36.58
2/27/2017	35.58	284.67	17.79	3.95	39.14
2/28/2017	34.29	274.33	17.15	3.81	37.72

Monthly Report- FBC-4 **Month: Feb** **Year: 2017**

Date /Time	SPM	SO_2	NO	NO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	30.14	236.95	14.65	3.02	29.98
2/2/2017	29.65	241.56	15.52	3.09	30.41
2/3/2017	32.08	225.31	14.26	3.24	32.22
2/4/2017	28.85	214.25	14.95	3.05	30.89
2/5/2017	28.25	226.00	14.13	3.14	31.08
2/6/2017	28.92	231.33	14.46	3.21	31.81
2/7/2017	31.79	254.33	15.90	3.53	34.97
2/8/2017	28.96	231.67	14.48	3.22	31.85
2/9/2017	28.96	231.67	14.48	3.22	31.85
2/10/2017	27.25	218.00	13.63	3.03	29.98
2/11/2017	29.67	237.33	14.83	3.30	32.63
2/12/2017	20.29	162.33	10.15	2.25	22.32
2/13/2017	16.29	130.33	8.15	1.81	17.92
2/14/2017	18.83	150.67	9.42	2.09	20.72
2/15/2017	18.50	148.00	9.25	2.06	20.35
2/16/2017	20.29	162.33	10.15	2.25	22.32
2/17/2017	28.54	228.33	14.27	3.17	31.40
2/18/2017	23.13	185.00	11.56	2.57	25.44
2/19/2017	21.42	171.33	10.71	2.38	23.56
2/20/2017	24.38	195.00	12.19	2.71	26.81
2/21/2017	28.96	231.67	14.48	3.22	31.85
2/22/2017	21.46	171.67	10.73	2.38	23.60
2/23/2017	32.75	262.00	16.38	3.64	36.03
2/24/2017	29.92	239.33	14.96	3.32	32.91
2/25/2017	31.42	251.33	15.71	3.49	34.56
2/26/2017	30.33	242.67	15.17	3.37	33.37
2/27/2017	33.13	265.00	16.56	3.68	36.44
2/28/2017	31.42	251.33	15.71	3.49	34.56

Monthly Report- RLK-1 **Month: Feb** **Year: 2017**

Date /Time	SPM	SO_2	NO	NO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	30.41	31.51	10.98	3.33	30.52
2/2/2017	29.89	32.56	14.15	3.08	32.25
2/3/2017	30.04	34.41	11.25	3.45	31.41
2/4/2017	32.52	33.25	10.04	3.05	30.48
2/5/2017	29.79	32.77	11.92	3.04	32.77
2/6/2017	28.92	31.81	11.57	2.95	31.81
2/7/2017	32.54	35.80	13.02	3.32	35.80
2/8/2017	28.67	31.53	11.47	2.93	31.53
2/9/2017	32.83	36.12	13.13	3.35	36.12
2/10/2017	31.00	34.10	12.40	3.16	34.10
2/11/2017	28.71	31.58	11.48	2.93	31.58
2/12/2017	26.46	29.10	10.58	2.70	29.10
2/13/2017	27.17	29.88	10.87	2.77	29.88
2/14/2017	29.63	32.59	11.85	3.02	32.59
2/15/2017	33.00	36.30	13.20	3.37	36.30
2/16/2017	33.67	37.03	13.47	3.44	37.03
2/17/2017	30.33	33.37	12.13	3.10	33.37
2/18/2017	33.00	36.30	13.20	3.37	36.30
2/19/2017	35.29	38.82	14.12	3.60	38.82
2/20/2017	26.38	29.01	10.55	2.69	29.01
2/21/2017	33.25	36.58	13.30	3.39	36.58
2/22/2017	28.92	31.81	11.57	2.95	31.81
2/23/2017	32.88	36.16	13.15	3.35	36.16
2/24/2017	32.67	35.93	13.07	3.33	35.93
2/25/2017	35.21	38.73	14.08	3.59	38.73
2/26/2017	37.25	40.98	14.90	3.80	40.98
2/27/2017	32.38	35.61	12.95	3.30	35.61
2/28/2017	30.25	33.28	12.10	3.09	33.28

Monthly Report- RLK-2 **Month: Feb** **Year: 2017**

Date	SPM	SO_2	NO	NO_2	NOx
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³
2/1/2017	30.24	50.05	12.52	3.02	41.52
2/2/2017	35.25	53.52	11.25	2.98	41.22
2/3/2017	29.54	42.24	11.08	3.52	39.58
2/4/2017	29.33	45.85	12.25	3.62	38.52
2/5/2017	31.71	47.56	12.68	3.24	41.22
2/6/2017	33.83	50.75	13.53	3.45	43.98
2/7/2017	29.83	44.75	11.93	3.04	38.78
2/8/2017	28.00	42.00	11.20	2.86	36.40
2/9/2017	30.88	46.31	12.35	3.15	40.14
2/10/2017	27.17	40.75	10.87	2.77	35.32
2/11/2017	29.50	44.25	11.80	3.01	38.35
2/12/2017	24.88	37.31	9.95	2.54	32.34
2/13/2017	31.92	47.88	12.77	3.26	41.49
2/14/2017	32.19	50.12	11.53	2.89	42.15
2/15/2017	29.56	48.56	12.25	3.05	39.45
2/16/2017	33.25	49.88	13.30	3.39	43.23
2/17/2017	25.92	38.88	10.37	2.64	33.69
2/18/2017	28.42	42.63	11.37	2.90	36.94
2/19/2017	23.13	34.69	9.25	2.36	30.06
2/20/2017	32.67	49.00	13.07	3.33	42.47
2/21/2017	28.54	42.81	11.42	2.91	37.10
2/22/2017	33.25	49.88	13.30	3.39	43.23
2/23/2017	31.17	46.75	12.47	3.18	40.52
2/24/2017	28.92	43.38	11.57	2.95	37.59
2/25/2017	24.79	37.19	9.92	2.53	32.23
2/26/2017	31.17	46.75	12.47	3.18	40.52
2/27/2017	33.96	50.94	13.58	3.47	44.15
2/28/2017	33.13	49.69	13.25	3.38	43.06

Monthly Report- BHEL **Month: Feb** **Year: 2017**

Date	SPM	SO_2	NO	NO_2	NOx
	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
2/1/2017	27.52	13.02	4.95	6.48	30.52
2/2/2017	28.52	12.42	5.02	6.65	32.52
2/3/2017	26.32	13.52	4.95	7.02	34.01
2/4/2017	24.25	15.62	4.85	6.85	32.26
2/5/2017	26.10	15.95	5.74	7.18	34.45
2/6/2017	21.56	13.17	4.74	5.93	28.45
2/7/2017	26.22	16.02	5.77	7.21	34.60
2/8/2017	21.29	13.01	4.68	5.85	28.10
2/9/2017	26.82	16.39	5.90	7.38	35.40
2/10/2017	21.41	13.08	4.71	5.89	28.25
2/11/2017	24.93	15.23	5.48	6.85	32.90
2/12/2017	18.45	11.27	4.06	5.07	24.35
2/13/2017	19.17	11.71	4.22	5.27	25.30
2/14/2017	19.65	12.85	4.63	5.78	27.75
2/15/2017	19.81	12.85	4.63	5.78	27.75
2/16/2017	26.10	15.95	5.74	7.18	34.45
2/17/2017	23.49	14.35	5.17	6.46	31.00
2/18/2017	22.58	13.80	4.97	6.21	29.80
2/19/2017	19.63	11.99	4.32	5.40	25.90
2/20/2017	25.23	15.42	5.55	6.94	33.30
2/21/2017	21.42	13.06	4.70	5.88	28.20
2/22/2017	19.47	11.90	4.28	5.35	25.70
2/23/2017	22.71	13.84	4.98	6.23	29.90
2/24/2017	25.30	15.42	5.55	6.94	33.30
2/25/2017	19.52	11.90	4.28	5.35	25.70
2/26/2017	18.76	11.44	4.12	5.15	24.70
2/27/2017	21.23	12.94	4.66	5.82	27.95
2/28/2017	19.45	11.85	4.27	5.33	25.60

WEST COAST PAPER MILLS LTD.,
Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325, Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL", Phone Nos. : (08284) 231391 - 395 (5 Lines)
Fax Nos. : 08284 - 231 225 (Admn. Off.) 232150 (Sales A/c.s) 230443 (Works Off.) 232148 (Paper Godown)

ISO 9001/14001
OHSAS - 18001
DNV
CERTIFIED

ZZK/CLAB-KSPCB/04/ 1325
04-03-2017

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

Speed Post with A D

Dear Sir:

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 14th February 2017.

We hope you will find this in order.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

Corporate Office : Chandrakiran, 4th Floor, 10-A, Kasturba Road, Bangalore-560 001
Phone Nos. : 080-22231828 to 1837, 22211760 Fax : 080-22231838, Grams : KAGAJCO

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 **14-02-2017**

SL.No	Pollutants as specified in consent condition		Tolerance Limits		Pollutants Concentration
A	***Industrail effluent***				
1	Colour & Odour		All efforts to remove colour & odour as far as practicable		68 CPU & odourless
2	Suspended solids	mg/l	50.0	[max]	31
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]	684
5	Temperature	^{o} C	Shall not exceed 40 ^{o} C in any section of the stream within 15 mts. Down stream from the effluent outlet		36
6	pH value		7.0 - 8.5		7.3
7	Oil & Greese	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]	1.1
11	Free Ammonia [as NH_3]	mg/l	5.0	[max]	Nil
12	Bio Chemical Oxygen Demand [3 days at 27 ^{o} C]	mg/l	30.0	[max]	13
13	Chemical Oxygen Demand	mg/l	250.0	[max]	130
14	Chloride [as Cl]	mg/l	350.0	[max]	156
15	Dissolved Phosphate [as P]	mg/l	5.0	[max]	0.01
16	Sulphate [as SO_4]	mg/l	1000.0	[max]	58
17	Sulphide [as S]	mg/l	2.0	[max]	Nil
18	Phenolic compound [as C_6H_5OH]	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

Date : **04 -03 -2017**

Signature :

Name : **B H Rathi**
President Technical

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

WEST COAST PAPER MILLS LTD.,
Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325, Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL", Phone Nos. : (08284) 231391 - 395 (5 Lines)
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ZZK/CLAB-KSPCB/04/ 1326
04-03-2017

Senior Environmental Officer,
Hazardous waste cell,
Karnataka State Pollution Control Board
49, Parisara Bhavan,
4th & 5th Floor,
Church Street
Bangalore 560 001

Dear Sir:

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

We are sending herewith the following for the month of February 2017

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. (Manifest of Dec 2016 attached)
4. Detail Disposal of Non Ferrous Scrap.

We hope you will find this in order.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

Corporate Office : Chandrakiran, 4th Floor, 10-A, Kasturba Road, Bangalore-560 001
Phone Nos. : 080-22231828 to 1837, 22211760 Fax : 080-22231838, Grams : KAGAJCO

West Coast Paper Mills Ltd Dandeli

Central Laboratory (IPC)

Details of Lubricating waste oil And Furnance oil sludge

February-2017

	S.No	Particulars	Quantity (KL)	Category (5.1)
			For the Month	For the Year from April 2016 to March 2017
I		**LUBRICATING WASTE OIL**		
	1.0	Total generation	Nil	16.400
	2.0	Total Quantity Disposed	Nil	16.400
	2.3	Balance in storage yard	Nil	Nil

II		**FURNANCE OIL SLUDGE**	Quantity (KL)	Category (3.3)
	1.0	Total generation	Nil	Nil
	2.0	Total Quantity Disposed	Nil	Nil
	2.1	Recycled in RLK	Nil	Nil
	2.2	Closing Balance	Nil	Nil

III		**E – Waste**	Quantity in (Kgs)	
			For the Year from April 2016 to March 2017	
	2.0	Total Quantity Disposed	**Nil**	**2960**

IV		**Non Ferrous scrap**	Quantity in (Kgs)	
	1.0	Scrap copper rewinding wire and copper cable	**Nil**	**Nil**

V	1.0	**Scrap used Batteries**	**Nil**	**5760**

Date : **04 -03 -2017**

Signature :

Name : **B H Rathi**
President Technical

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

SL. No. 027

FORM 13

[See Rule 21 (1)]

HAZARDOUS WASTE MANIFEST
(Information of hazardous waste for disposal)

1. Occupier's Name & Mailing Address (Including Phone No.)
WEST COAST PAPER MILLS LTD DANDELI

Eco Globe E-Waste Recyclers
Plot No. 87, 2nd Phase, 2nd Sector,
Bidadi Industrial Area, Ramanagar Dist.
Mob. : 9901085167
Email : ecoglobe.ewasterecyclers@gmail.com

2. Occupier's Registration No.

3. Manifest Documents No.

4. Transporter's Name & Address : (Including Phone No.)

5. Type of Vehicle :
Truck ✓
Container
Small Vehicle

6. Transporter's Registration No. :

7. Vehicle Registration No. : KA25C1700

9. Facility's Registration No. :

10. Facility's Phone No. :

8. Designated Facility Name & Site Address : ECO GLOBE E-WASTE RECYCLERS BANGALORE

12. Total Quantity of Waste 2960 kg

m³

11. Waste Description :
Electrical & Electronics Waste

13. Consistency :
Solid ✓ Oily
Semi-Solid Tarry
Sludge Slurry

14. Transport Description of Waste :	15. Containers : No.	Type	16. Total Quantity	17. Unit Wt/Vol	18. Waste Schedule No.
E-WASTE SCRAP					

19. Special Handling Instructions and Additional Information

20. OCCUPIERS CERTIFICATE : I hereby declare that the content of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respect in proper condition for transport by road according to applicable national government regulations.

For ECO GLOBE E-WASTE RECYCLERS

Typed Name & Stamp

Signature Proprietor

Date Month Year 23 12 2016

21. Transporter's Acknowledgment of Receipt of materials

Typed Name & Stamp

Signature S. N. PATIL V.P. (H.R.)

WEST COAST PAPER MILLS LTD. DANDELI

Date Month Year 23 12 2016

22. Discrepancy Name Space

23. Facility Owner or Operator's Certification of Receipt of Hazardous Waste

Typed Name & Stamp For ECO GLOBE E-WASTE RECYCLERS

Signature Proprietor

Date Month Year 23 12 2016

Occupier shall provide the transport with six couples of the as per the colour codes indicated below :
Copy 1 (White) forwarded the Pollution Board by the occupiers.
Copy 2 (Light Yellow) Signed by the transport and retained by the occupier.
Copy 3 (Pink) Retained by the operator of a facility.
Copy 4 (Blue) return to the transport by the operator of facility after accepting waste