2402Permit1991 - Batch No.___

Columbus Co. 24-02
1991

1991
2402 1991

FEDERAL

Cumberland Co 24-02 Correspondence

FEDERAL PAPER BOARD COMPANY, INC.
RIEGELWOOD OPERATIONS
RIEGELWOOD, NORTH CAROLINA 28456
TELEPHONE 919 655-2211

RECEIVED
NOV 1 1991
ENVIRONMENT
OFFICE

October 29, 1991

Mr. Isaiah Guyton
NC Solid Waste Management Division
225 Green Street
Suite 601
Fayetteville, NC 28301

Subject: Permit 24-02
Landfill Weigh Plan

Dear Mr. Guyton:

The following summarizes Federal's procedure for determining the amount by weight of industrial solid waste that is received and disposed of in our Riegelwood landfill.

The Riegelwood facility produces bleach market pulp and coated bleached paperboard. The facility handles all aspects of the pulp and paper making processes, from debarking of trees to cutting of finished paper into sheets and rolls. The processes used at the Riegelwood mill are common to the pulp and paper industry. The wastes generated by these processes and disposed of in the mill landfill are also typical to the industry.

The Riegelwood facility currently operates a set of scales for weighing raw materials for either market pulp or paperboard manufacture. The scales are used extensively on a 24-hour per day basis. Sixty (60) to seventy (70) vehicles are weighed on an hourly basis. Because of the high usage rate, it is not possible to weigh every load of solid waste transported to our on-site landfill.

Federal currently assigns weights to daily process waste materials, such as bark/chips used for daily cover material, boiler ash, and lime grits/dregs, that are transported to the landfill on a regular basis. Infrequently transported waste materials are weighed as necessary. Daily records are maintained quantifying each load of solid waste disposed of on the landfill. Records will be used for the annual report to the Division of Solid Waste Management. Summaries of these records for 1990 and 1991 are attached.

In June 1991, Federal completed and placed into operation a sludge handling system at a total cost of $8,000,000. The system processes fiber containing sludge from the wastewater treatment primary clarifier for energy recovery. This system replaced an older inefficient sludge dewatering system from which sludge was transported to the landfill. More importantly, the new sludge handling system has reduced the solid waste loading to our landfill by up to 150 tons per day, resulting in a reduction of more than 50% of the total solid waste sent to landfill.

Federal is currently working with our consultant, RMT, to develop long range plans for further reducing the amount of solid waste sent to the landfill and to develop an operating and final closure plan for the landfill.

I hope that our procedure for determining the weight of solid waste going to our landfill meets with your approval and look forward to continued efforts to achieve long-range waste reduction goals.

Very truly yours,

FEDERAL PAPER BOARD CO., INC.
Riegelwood Operations

J. L. Zuncich
Environmental Resources Supervisor

JLZ/swn
attachment

cc: Mark Taylor, RMT

SOLID WASTE MONITORING REPORT - FEDERAL PAPER BOARD, RIEGELWOOD MILL
LOADS OF WASTE GENERATED FROM EACH COLLECTION AREA DURING JANUARY TO OCTOBER 1991

	WASTE COLLECTION AREA					
	CAUSTIC	DEWATERED	POWER AND	MILL	WOODYARD	

SOLID WASTE MONITORING REPORT - FEDERAL PAPER BOARD, RIEGELWOOD MILL
LOADS OF WASTE GENERATED FROM EACH COLLECTION AREA DURING 1990

			WASTE COLLECTION AREA									
			WOODYARD	CAUSTIC REJECTS	DEWATERED SLUDGE	POWER AND RECOVERY (ASH)	MILL GENERAL	WOODYARD DITCH WASTE	KILN WASTE			
			BULK DENSITY IN POUNDS PER CUBIC FOOT									
MONTH	DATE DAY	YEAR	26.3	63.6	35.0	55.2	96.3	96.3	76.3	TOTAL VOLUME (LOADS)	TOTAL VOLUME (CU. YDS.)	TOTAL WEIGHT (TONS)
1		1990								0	0	0
1	14	1990	100	6	112	31	37		13	299	5083	3030
1	21	1990	82	6	114	19	33		10	264	4488	2644
1	28	1990	103	2	142	32	12		17	308	5236	2761
2	4	1990	140	3	142	29	25		9	348	5916	3108
2	11	1990	108	6	141	29	2		24	310	5270	2705
2	18	1990	63	3	145	15	9		14	249	4233	2224
2	25	1990	135	4	115	33	2		15	304	5168	2523
3	5	1990	100	6	128	38	15		19	306	5202	2866
3	11	1990	102	2	115	37	30		18	304	5168	3017
3	18	1990	102	5	138	32	8		21	306	5202	2748
3	25	1990	118	6	151	28	3		11	317	5389	2628
4	1	1990	151	3	141	14	4		31	344	5848	2898
4	8	1990	94	3	122	36	20		15	290	4930	2753
4	16	1990	152	5	153	19	1		13	343	5831	2711
4	23	1990	50	3	84	15	25		5	182	3094	1851
4	29	1990	71	6	118	28	15		5	243	4131	2239
5	6	1990	123	2	112	0	63		6	306	5202	3170
5	13	1990	104	9	102	44	0		7	266	4522	2260
5	20	1990	43	6	123	18	87		9	286	4862	3644
5	27	1990	82	10	118	14	87		10	321	5457	3865
6	3	1990	129	9	115	36	24		13	326	5542	3049
6	10	1990	170	13	114	39	10		13	359	6103	3076
6	17	1990	184	6	111	28	80		19	428	7276	4547
6	24	1990	179	9	126	12	20		9	355	6035	2977
7	1	1990	67	7	134	26	20		7	261	4437	2478
7	8	1990	161	5	153	19	83		12	433	7361	4561
7	15	1990	104	7	172	23	26		11	343	5831	3171
7	22	1990	130	3	25	40	55		6	259	4403	2858
7	29	1990	153	28	166	20	12		0	379	6443	3186
8	5	1990	112	15	153	0	13		0	293	4981	2412
8	12	1990	126	14	122	9	4		20	295	5015	2499
8	19	1990	69	4	133	0	37		17	260	4420	2659
8	25	1990	43	4	126	31	12		9	225	3825	2146
9	2	1990	75	17	133	29	48		22	324	5508	3583
9	9	1990	98	7	99	30	39		11	284	4828	2925
9	16	1990	88	4	137	39	17		8	293	4981	2701
9	23	1990	105	4	142	33	8		9	301	5117	2586
9	30	1990	98	3	135	21	9		13	279	4743	2413
10	7	1990	66	5	132	23	4		12	242	4114	2122
10	14	1990	62	4	138	33	0		18	255	4335	2275
10	22	1990	101	3	128	19	8		12	271	4607	2310
10	28	1990	138	5	113	18	6	20	12	312	5304	2828
11	4	1990	165	7	76	25	11		21	305	5185	2638
11	11	1990	108	5	4	17	4		6	144	2448	1167
11	18	1990	85	1	0	18	0	13	16	133	2261	1324
11	25	1990	88	5	129	0	0	12	15	249	4233	2169
12	2	1990	251	4	89	42	0		12	398	6766	3033
12	9	1990	98	1	111	32	27		10	279	4743	2676
12	16	1990	83	1	104	18	24		14	244	4148	2355
12	23	1990	161	1	122	32	4		19	339	5763	2795
12	30	1990	134	1	140	40	9		41	365	6205	3373