178814

MR. MARTIN GRANT
E. C. JORDAN CO. INC
P.O. BOX 7050 DOWNTOWN STATION
PORTLAND, ME. 04112

Form 8

DEAR MR. GRANT,

THE FOLLOWING INFORMATION WAS REQUESTED BY YOU DURING YOUR VISIT TO PLAINFIELD PAPER CO. INC.

CHANGES WITHIN THE PLANT WHICH MAY HAVE EFFECTED OUR EFFLUENT WERE:

1 - OUR NO. 2 PAPER MACHINE WAS SHUT DOWN JAN. 1975. AVERAGE DAIL FLOW DROPPED FROM APPROXIMATELY 1.9 MGD. TO 1.52 M.G.D. ~~[illegible]~~

2 - A NEW AND LARGER SLUDGE PUMP WAS ADDED TO OUR PRIMARY CLARIFIER. THIS HAS HELPED SOLIDS REMOVAL IN OUR WASTE TREATMENT SYSTEM.

MILL EFFLUENT - (PROCESS WASTEWATER TO THE MILL PRIMARY CLARIFIER) DATA IS ATTACHED.

THESE MONTHLY LOGS WE INCLUDE SHOW MILL PROCESS EFFLUENT AS THE BEFORE PRIMARY OR INFLUENT DATA.

Form 5

MILL PRODUCTION FIGURES IN TONS/DAY ARE INCLUDED AS PER YOUR REQUEST.

THE MILL WASTE WATER COLLECTION SUMP IS APPROXIMATELY 9.0 FT X 25.0 FT AND WILL HOLD ABOUT 47,560 GALS.

ITEM (1) OF II

IN PLANT- MANAGEMENT PRACTICES Form B

1- AUXILIARY POWER HAS BEEN MADE AVAILABLE TO KEEP WASTEWATER PUMPS GOING IN CASE OF POWER FAILURE.

2. THE PLANT IS TOURED DAILY BY THE ECOLOGY IMPROVEMENT DEPARTMENT TO INSURE PROPER REUSE OF WHITE WATER FROM THE MACHINES. (a) LACK OF REUSE OF WATER IS DISCUSSED WITH NECESSARY INDIVIDUALS. (b) WE LOOK FOR OTHER SPILL OR LOSSES WHICH MIGHT LOOK PROBABLE.

3- LOSSES OF RAW MATERIALS IN THE MILL ARE REPORTED TO ECOLOGY IMPROVEMENT DEPARTMENT.
(a) PROPER STEPS ARE CARRIED OUT TO MINIMIZE OR TREAT LOSS.

4- A POLLUTION PREVTION PLAN BOOK IS BEING PRINTED FOR MILL USE.

5- WE HAVE AVAILABLE SOME SPILL CONTROL EQUIPMENT.
(a) WE HAVE AVAILABLE TWO (2) LOCAL SPILL CONTROL COMPANIES WHO COULD ASSIST IN SPILL OCCURANCES.

6- SAVE-ALLS ON THE PAPER MACHINES ARE MONITORED (5) FIVE DAYS A WEEK TO MINIMIZE MATERIAL LOSSES TO THE SEWER.

7- STOCK CLEANERS ARE CHECKED DAILY TO MINIMIZE STOCK LOSSES TO THE SEWER.

8- WE TRY TO CHANGE ORDERS ON THE PAPER MACHINES WITHOUT MATERIAL LOSS.
(a) WE TRY TO SEWER ANY NECESSARY LOSSES SLOWLY TO KEEP SURGES TO A MINIMUM.

9- WE HAVE WARNING LIGHTS AND OR HORNS (+ LEVEL GUAGES) ON MOST CHEMICAL AND RAW MATERIAL HOLDING TANKS IN THE MILL

10- MATERIAL LOSSES FROM THE PLANT ARE RECORDED AND REPORTED TO APPROPRIATE PEOPLE.

11- WASTE TREATMENT PLANT REPORTS ARE ROUTED TO SUPERVISORY + MANAGEMENT STAFF

ITEM (12) OF II

Form 3

NUMBER OF PERSONS INVOLVED IN ENVIRONMENTAL PROGRAM:

RESEARCH AND DEVELOPEMENT DIRECTOR - 25%

WASTEWATER SUPERVISOR - 100%

2 - TECHNICIANS - 100%

III

ENERGY AND UTILITIES COST:

REFERENCE: G. LONGWORTH

COST PER BHP YEAR $163.20

STEAM COST / MILLION BTU OR 1000 POUNDS $2.38

RAW WATER COST: WE PUMP FROM OUR OWN WELLS: LASTWELL (1975 COST $60,000

SHOULD LAST 30 YEARS

ADD COST OF DAILY PUMPING (?)

PROCESS WATER TREATMENT.

NONE -

AVERAGE DAILY USE OF RAW WATER - 3.5 MGL

AVERAGE " " " TREATED WATER - NONE

ITEM 18 - ALARMS ON CHEMICAL TANKS - INCLUDING STOCK TANKS

Form 8

Tanks in the Plant which have alarms are:

#1 stock chest - high alarm - low alarm - level indicator - 35,920 gal.

#2 - stock chest - high alarm - low alarm - level indicator 25,430 gal.

#3 - stock chest - high " - low " - " 23,940 gal -

#4 - stock chest - high " - " - " 23,940 gal.

#5 - stock chest - high " - " - " 38,150 gals -

#6 - stock chest - " - " - " 23,190 gal.

#7 stock chest - " - " - " 29,920 gals -

#8 stock chest " - " - " 37,400 gals capacity

#9 – Blend Chest – level indicator system Form 8
Open Chest – ~~operator~~ Auto system and
manned by operator
#10 – Blend Chest – " " "
Same as #9

#11 stock chest high level & low level alarms – level indicator
11,970 gal.
#12 stock Chest – " " " " " "
37,400 gals –

#13 stock Chest – " " " " " "
29,900 gals

Rosin size Emulsion storage – High & low level alarms
4,800 gals.

Filler Clay silo – high & low level warning lights
25,000 gals level indicator –

Coating Prep –
#1 Clay storage tank } 20,000 gals each
#2 " " " } low & high level warning
lights & horn.

#1 – Latex tanks – high & low warning lights & horn
#2 – " " (each 5300 gals)
#3 – " "

#3 SAVE ALL COST IN 1963 — $95,600 Form

#4 SAVE-ALL COST IN 1963 — $125,200

LB FIBER RECOVERED/1000 gals FILTRATE THROUGH SAVE-ALL

CLARIFIED WATER IS REUSED FOR: SHOWERS ON THE MACHINES AND SAVE-ALL SHOWERS.
WATER IS USED TO FURNISH PULP FOR PAPER MACHINES.
WATER IS USED AT CONSISTENCY REGULATORS

FILTRATE TSS #3 — #4
CLEAR SIDE = 110 mg/L — 202 mg/L
CLOUDY SIDE = 114 mg/L — 252 mg/L
MAX. FLOW CAP. THRU BOTH (EACH)
SAVE-ALLS = 1500 GPM OR 2.16 MGD.

ITEM 18

Form 5

INSTALLED COST PER ALARM —

$200 PER STOCK CHEST (LATE 1950 AND EARLY 1960 PRICES.

EQUIPMENT INSTALLED LATE 1950'S AND LATE 1960

COATING PREP. DEPT. LEVEL AND WARNING GUAGES COST $4100. THIS WAS INSTALLED IN 1966. THIS WAS FOR APPROXIMATELY NINE 9 STORAGE CHEST WARNING SYSTEMS.

ITEM 21

EACH PAPER MACHINE IS EQUIPPED WITH A DISC TYPE VACUUM SAVE-ALL

#3 & #4 PAPER MACHINES HAVE IMPCO DISC TYPE SAVE-ALLS

#2 PAPER MACHINE WHICH IS NOT NOW OPERATEING HAS A DARR OLIVER.

T/D FIBER RECOVERED -

INSTALLED COST OF SYSTEM

#2 (PURCHASED FROM PARENT COMPANY 1965) ~~FOR~~

THIS WAS A USED UNIT -

APPROXIMATE COST - 1965 - $29916.68