

May 14, 1971.

Mr. Richard Emily, Plant Engineer  
The Anaconda Company  
Foot of Elm Street  
P. O. Box 191  
Perth Amboy, New Jersey 08861

Dear Mr. Emily:

We are interested in obtaining recent estimates of Anaconda's water usages and waste water discharges in connection with our industrial sampling program.

The following are the discharges and influent of interest:

POINT 1 - 24" Salt water drain on west side of property.

POINT 2 - 12" Condenser water drain on west side property.

POINT 3 - 60" Salt water drain on west side of property.

POINT 4 - 24" Salt water drain in oil storage tank area.

POINT 5 - Slag pond effluent.

POINT 6 - Salt water influent at pump house.

Also, we would appreciate estimates of the amounts of city water used and the approximate disposition of water throughout the plant. (e.g. amount for cooling, makeup, bosh water, sanitary, etc.)

- 2 -

Mr. Richard Emily, Plant Engineer  
The Anaconda Company

How are contaminated waste waters such a pickling wastes, tank house wastes and rinse waters disposed of?

Please do not hesitate to call me if you have any questions concerning the information requested.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.

April 20, 1971.

Mr. Richard Emily, Plant Engineer  
The Anaconda Company  
Foot of Elm Street  
P. O. Box 191  
Perth Amboy, New Jersey 08861

Dear Mr. Emily:

Enclosed are the results of the analyses of samples taken at Anaconda, Perth Amboy, on March 8, 1971.

Following is an identification of the sampling points:

- POINT 1 - 24" Salt water drain on west side of property.  
No flow during sampling period.
- POINT 2 - 12" Condenser water drain on west side of property.
- POINT 3 - 60" Salt water drain on west side of property.
- POINT 4 - 24" Salt water drain in oil storage tank area.  
No flow during sampling period.
- POINT 5 - Slag pond effluent.
- POINT 6 - Salt water influent at pump house.

If you have any questions concerning these results, please do not hesitate to contact me.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.  
Enclosure  
cc: New Jersey State  
Department of Environmental  
Protection



# INTERSTATE SANITATION COMMISSION

10 COLUMBUS CIRCLE • NEW YORK, N. Y. 10019

AREA CODE 212-582-0380

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DIRECTOR-CHIEF ENGINEER

May 21, 1971.

Mr. Warren W. Dixon  
City Engineer  
Department of Public Works  
425 Avenue E  
Bayonne, New Jersey 07002

Dear Mr. Dixon:

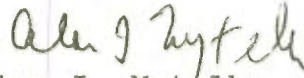
Enclosed is a copy of the results of the analyses on a sample taken at the foot of West 3rd Street on April 2, 1971.

Following is a description of the sampling point:

POINT 1 - City outfall to Newark Bay at foot of West 3rd Street.

Please do not hesitate to contact me if you have any questions concerning these results.

Very truly yours,



Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.  
Enclosure  
cc: New Jersey State Dept. of  
Environmental Protection

May 17, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich ✓

RE: BAYONNE INDUSTRIES,  
Bayonne, New Jersey

On May 10, 1971, I inspected the area shown in red on the attached sketch. This is the Platty Kill which separates Humble Oil and Bayonne Industries and is a tidal tributary of the Kill Van Kull.

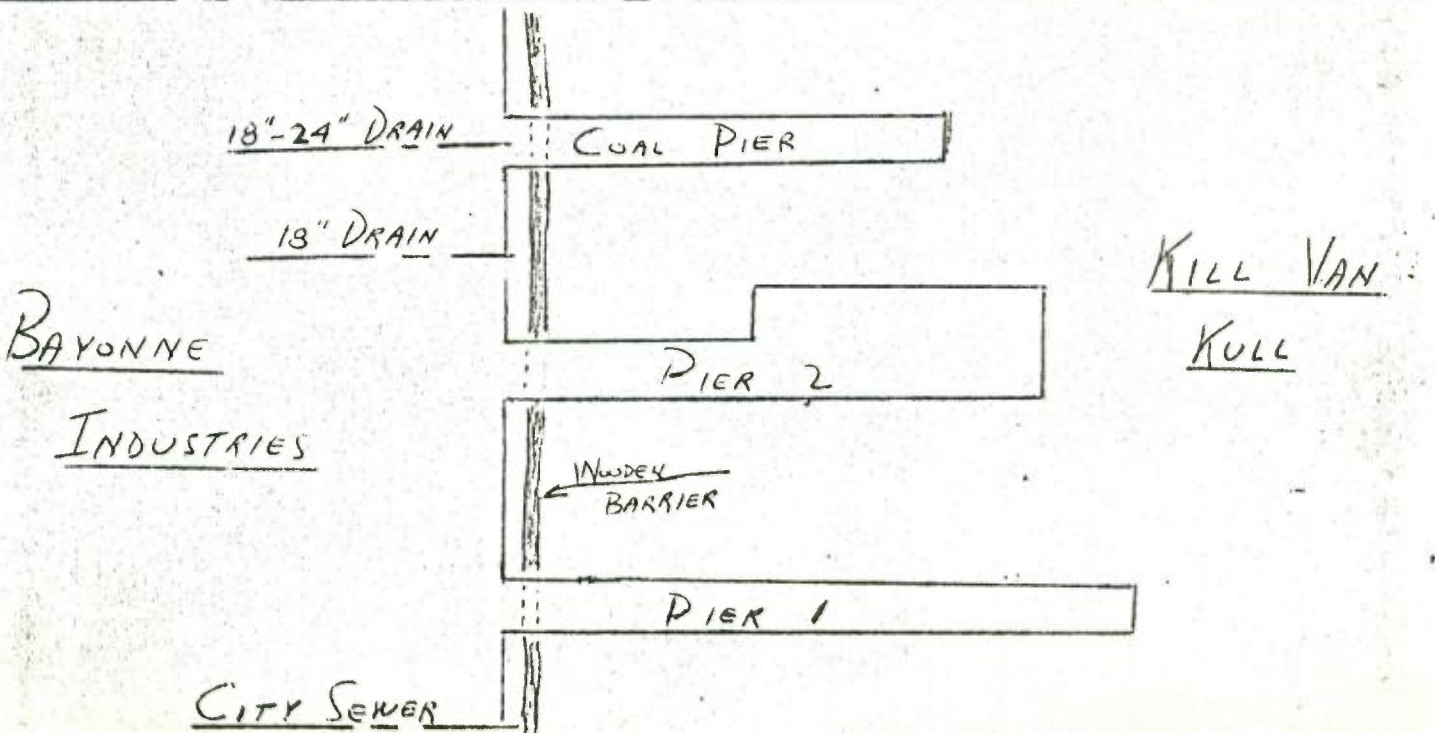
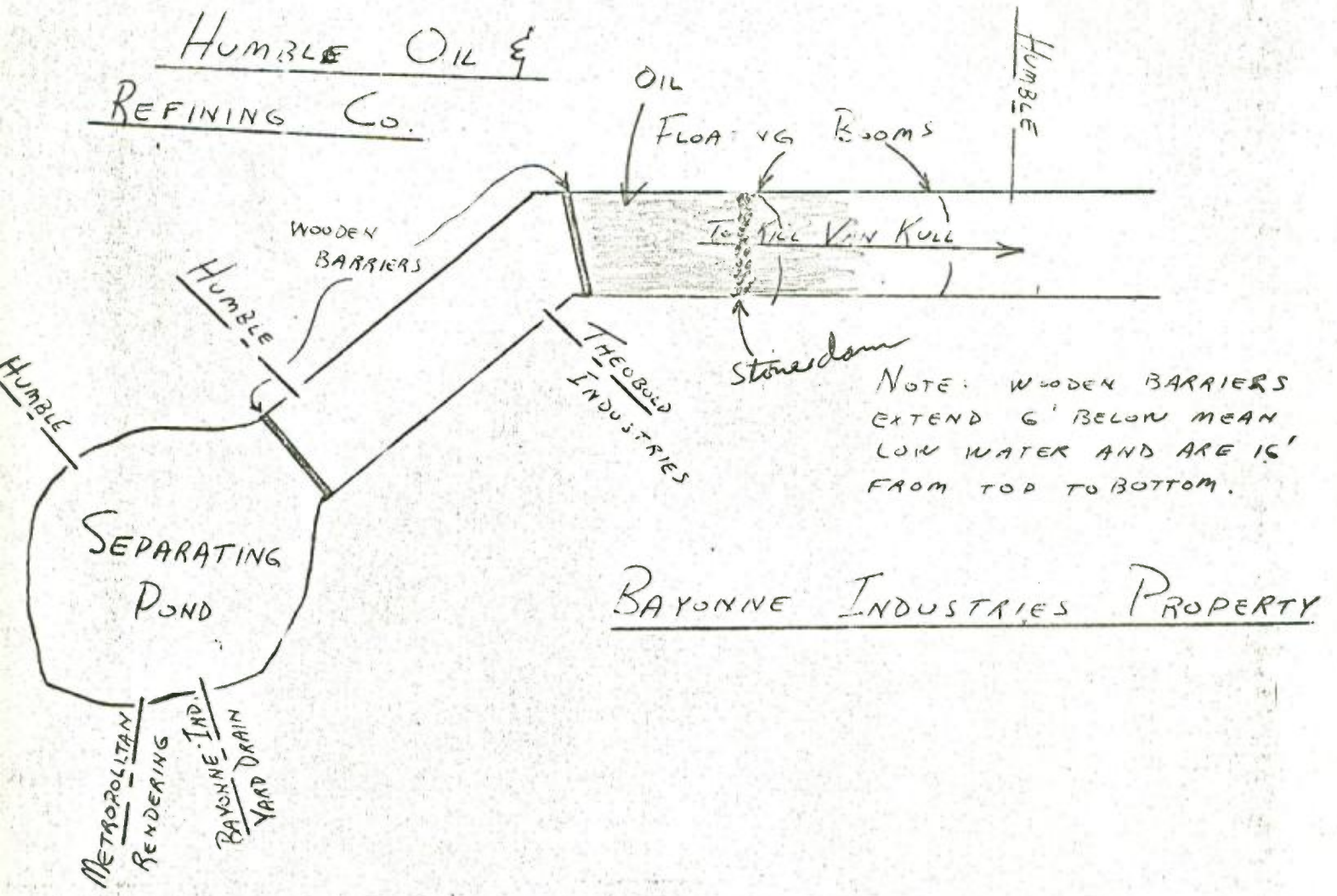
A large amount of oil was visible on the Kill Van Kull side of outer barrier.

Earlier, I had spoken to Mr. Elspass, Plant Engineer at Bayonne Industries. He said that a dam would be constructed across the Platty Kill to completely sever it from the Kill Van Kull by the end of this summer.

The city sewer shown on the lower portion of the sketch was discharging a considerable amount of oil when we last sampled it. According to Mr. Elspass this was due to a waste oil scavenger which had illegally connected into the sewer. This practice has since been curtailed.

FWU:gig.

SKETCH SHOWING DISCHARGES AT BAYONNE INDUSTRIES





April 5, 1971.

Mr. Wilbur L. Schriener  
Plant Engineer  
Bethlehem Steel Corporation  
14th and Hudson Streets  
Hoboken, New Jersey 07030

Dear Mr. Schriener:

We understand that there may be some sanitary waste flows to the Hudson River from Bethlehem Steel Corporation and that you are conducting a survey to determine where all your wastes are discharged.

Please advise us as to what this survey will entail and when these results will be forwarded to us.

If you have any questions concerning the information requested, please do not hesitate to call me.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.

July 15, 1971.

Mr. B. M. Schmitter  
Plant Engineer  
Colgate-Palmolive Co.  
105 Hudson Street  
Jersey City, New Jersey 07302

Dear Mr. Schmitter:

Enclosed is a summary of the analyses of samples taken at Colgate-Palmolive Co. on June 30, 1971.

Following is a description of the sampling points:

POINT 1 - (inf.) - Salt water influent taken at pumps.

POINT 2 - (eff.) - 36 inch salt water return at the foot of Grand Street.

Please do not hesitate to call me if you have any questions regarding these results.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.

Enclosure

cc: New Jersey State Department of  
Environmental Protection



June 24, 1971.

MEMORANDUM:

To: Joseph Czachor, Henry Anusiak  
From: Fred W. Ulrich ✓

Re: COLGATE-PALMOLIVE CO.  
Jersey City, N.J.

Colgate-Palmolive is scheduled for sampling on Wednesday,  
June 30, 1971.

Low tide is at 0849. Contact B. M. Schmitter, Plant Engineer,  
at the plant site. Meet at the Lab at 7:00 A.M. X 582

There are two sampling points:

POINT 1 (inf.) - Salt water influent from Hudson River.

POINT 2 (eff.) - 36 inch river water return at the foot of  
Grand Street.

Following are the analyses to be run on each sample:

- |   |   |
|---|---|
| 1. - BOD  | 6. - Nitrate, Nitrite and<br>Ammonia Nitrogen |
| 2. - TC, TIC, TOC                                 | 7. - pH                                       |
| 3. - Ether soluble material                       | 8. - Turbidity                                |
| 4. - Solids (except total and<br>volatile solids) | 9. - Chlorides                                |
| 5. - Phosphates                                   | 10. - Heavy metals                            |

- NOTES:
1. - Measure temperature and set up MPN's in the field.  
Use dilutions of 100 - 1,000 - 10,000.
  2. - Make up composites of at least 3500 ml. from the  
individual samples.
  3. - Make a flow estimate.
  4. - Prepare samples for nitrogen analysis.
  5. - Measure pH with portable meter.

June 10, 1971.

MEMORANDUM:

To: Joseph Czachor

From: Fred W. Ulrich ✓

RE: DUPONT, Linden, New Jersey

Dupont is scheduled for sampling on Monday, June 21, 1971.

Low tide is at 1343. Contact Harry McDowell, Environmental Control Coordinator, X 272, or Bob Rothrock, X 281, at the plant site.

There are eight sampling points:

POINTS 1 through 7 are effluents and POINT 8 is the influent salt water. Descriptions of the points will be provided at the time of sampling.

Following are the analyses to be run on each sample:

- |  |  |
|--|--|
| 1. - BOD                                       | 6. - Nitrate, Nitrite and Ammonia Nitrogen |
| 2. - TC, TIC, TOC                              | 7. - pH                                    |
| 3. - Ether soluble material                    | 8. - Turbidity                             |
| 4. - Solids (Except total and volatile solids) | 9. - Chlorides                             |
| 5. - Phosphates                                | 10. - Heavy metals                         |

- NOTES:
1. - Measure temperature and set up MPN's in the field. Use dilutions of 100 - 1,000 - 10,000.
  2. - Make up composites of at least 3500 ml. from the individual samples.
  3. - Make a flow estimate.
  4. - Prepare samples for nitrogen analysis.
  5. - Measure pH with portable meter.



Du Pont

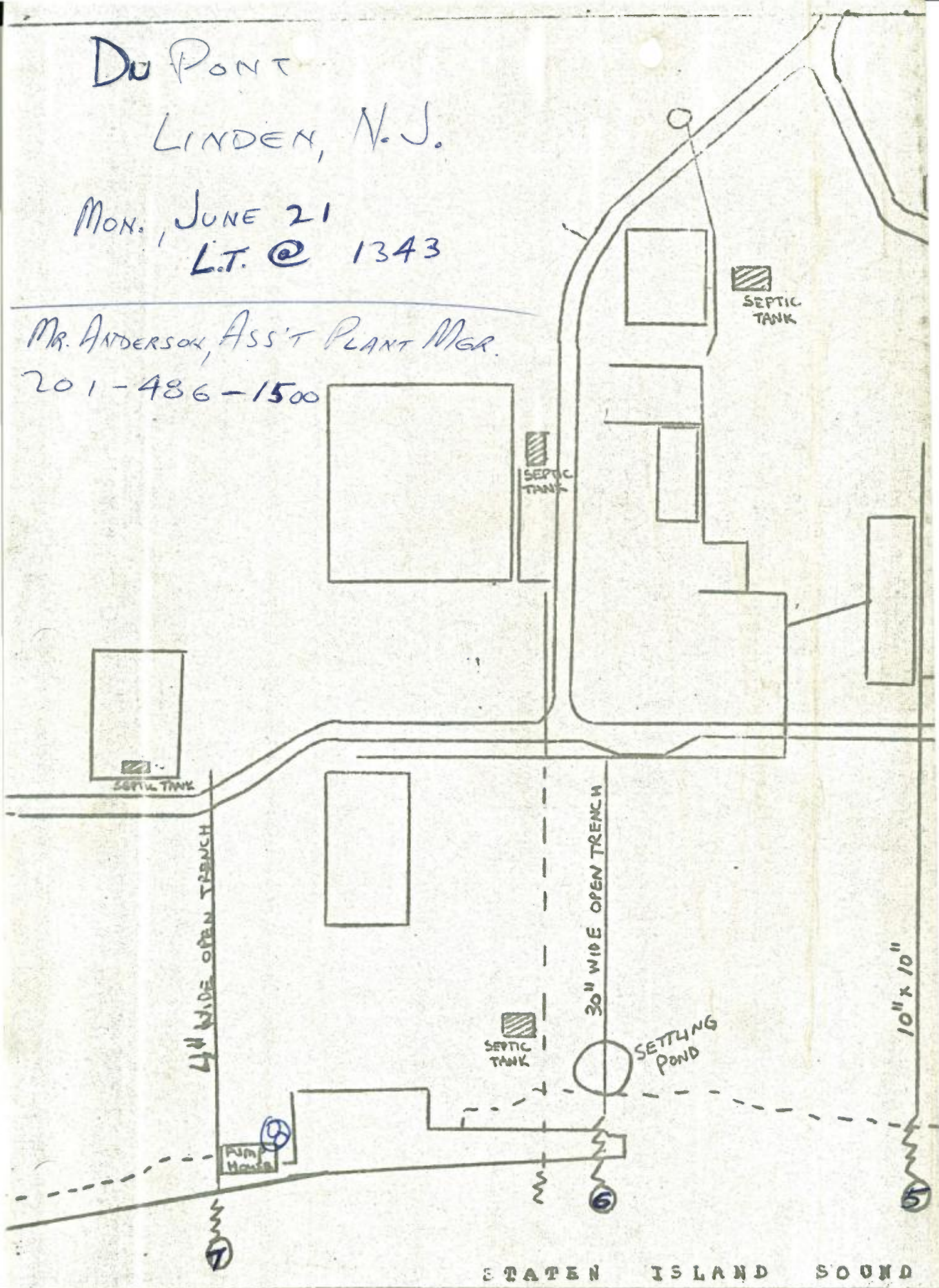
LINDEN, N.J.

MON., JUNE 21

L.T. @ 1343

MR. ANDERSON, ASS'T PLANT MGR.

201-486-1500



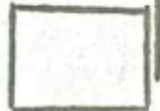
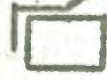
STATEN ISLAND SOUND





Office

SEPTIC TANK



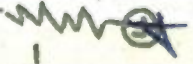
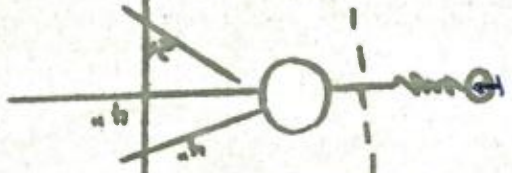
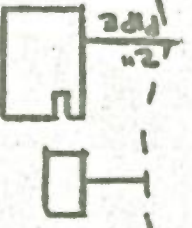
SEPTIC TANK

SEPTIC TANK



30" WIDE OPEN TRENCH

10' x 10'



3

March 26, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich

RE: DYE SPECIALTIES, INC.  
Bayonne, N.J.

I called Peter Kalada, Baker Castor Oil Co. employee, on 3/26/71, in regard to the pollution which he had been observing from the suspected source, Dye Specialties, Inc.

He said that he had seen no pollution from this source lately, but would continue to observe the area and report to us if it occurred again.

/gig.

March 11, 1971.

Mr. Charles F. Bien  
Pollution Control Engineer  
GAF Corporation  
P. O. Box 12  
Linden, New Jersey 07036

Dear Mr. Bien:

Enclosed is a copy of the results of the analyses of samples taken at the GAF Corporation on February 23, 1971.

Following is a description of the sampling points:

POINT 1 - Influent from salt water line near pump house.

POINT 2 - Effluent from ditch near RR crossing.

Please do not hesitate to contact me if you have any questions concerning these results.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.

Enclosure

cc: New Jersey State Dept. of  
Environmental Protection ✓



- c) - Phase out all their production facilities within the next couple of years and operate the Bayonne plant solely as a terminal facility. This should bring about a sizable reduction in water usage.

The Humble officials stated that their abatement facilities represented a sizable investment and asked whether all plants were going to have to meet the one mg/l. requirement. They were informed that all plants would have to meet the same standards.

FWU:gig.

July 2, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich

RE: HUMBLE OIL & REFINING CO.  
Bayonne, New Jersey

A meeting was held in Trenton, N.J. on 6/24/71 to discuss this Bayonne plant's pollution abatement program.

In attendance were:

John J. Grosso, Humble Bayonne Plant  
Bly R. Dight, " " "  
A. W. Sitarski, Humble, P.O. Box 222, Linden, N.J.

John J. Cofman, N.J. State Bureau of Water Poll. Control  
Karl F. Burns, " " "  
R. R. Delgado, " " "  
Christian T. Hoffman, Jr. " " "  
E. A. Roche, " " "

Fred W. Ulrich, Interstate Sanitation Commission

The pollution agencies made the following points:

1. - All improvements in effluent quality are encouraged, however, the eventual goal will be an addition of petroleum to the plant's waste water of no more than 0 to 1 mg/l.
2. - The west side air flotation unit was not doing an adequate job and should be operated with chemical treatment to effect a higher degree of removal.
3. - The east and west side abatement facilities would be rechecked when they were both operating at peak efficiency.

Humble plans to do the following:

- a) - Add sand filtration to follow the east side separator. This should provide an effluent with no more than 10 to 15 mg/l. ether soluble material.
- b) - Operate the air flotation unit with addition of chemicals.

March 11, 1971.

Mr. R. K. Altreuter, Plant Engineer  
Bayway Refinery  
Humble Oil and Refining Company  
P. O. Box 222  
Linden, New Jersey 07036

Dear Mr. Altreuter:

Enclosed is a copy of the results of the analyses of samples taken at the Bayway Refinery on February 10, 1971.

Following is a description of the sampling points:

POINT 1 - Morses Creek at No. 1 Dam,

POINT 2 - Morses Creek at No. 3 Dam.

POINT 3 - Inflow to aeration tanks.

POINT 4 - Effluent from clarifiers.

POINT 5 - Influent from Arthur Kill at intake pumps.

Please do not hesitate to contact me if you have any questions concerning these results.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.  
Enclosure  
cc: New Jersey State Dept. of  
Environmental Protection



ed

April 29, 1971.

Mr. A. Dribben, Plant Manager  
Kraft Corrugated Container, Inc.  
Foot of East 22nd. Street  
Bayonne, New Jersey 07002

201-436-3100

Dear Mr. Dribben:

The Interstate Sanitation Commission is presently conducting a survey to obtain complete information on the industries within the Interstate Sanitation District. The objectives are to evaluate the characteristics of wastes being discharged to District waters and the pollution potential of each industrial plant.

We are requesting the cooperation of industry in preparing and submitting a report to this Commission concerning the existing and future pollution potential of the plants. We have prepared a general outline of the information needed and are enclosing herewith one copy for your reference. Each industry will be personally contacted by a representative of the Interstate Sanitation Commission who will meet with you or your designated company officials, at their convenience, and request a report on the plant's water usage and operation. This report will be made available to all control agencies with jurisdiction in your area. A sampling investigation by the Commission will be made of all plant discharges at a later date and results obtained will become a part of this report.

Our representative, Mr. Fred W. Ulrich, Senior Sanitary Engineer, will contact you within the next three weeks and discuss the report and the information needed. We would like to request your very kind cooperation in regard to this. If we can be of any assistance to you, please do not hesitate to contact us.

Very truly yours,

AIM:gig.  
Enclosure

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

May 18, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich ✓

RE: KRAFT CORRUGATED CONTAINERS, INC.  
Bayonne, New Jersey

I visited Kraft on 5/18/71 and spoke with Mr. Feltwell, Plant Engineer. A report on the plant's production, water usage and waste discharge will be sent to us.

There are two outfalls at the plant's Kill Van Kull shoreline. These are primarily for storm flows according to Mr. Feltwell. There was no discharge from either at the time of my inspection.

Industrial information obtained at time of visit:

I. GENERAL SITE PLAN

- (a) Property plant to be sent to us;
- (b) Only fresh water used at plant. Purchased from the city of Bayonne;
- (c) 2 discharges to the Kill Van Kull;

II. PLANT STATISTICS

- (a) Finished products - corrugated paperboard & corrugated paperboard containers;
- (b) Raw materials - liner board, corrugated medium, starch, inks;

III. PLANT PROCESSES

- (a) Corrugating, die cutting, printing, folding and gluing;
- (b) Operation: 16 to 24 hrs. per day  
5 day/week average  
Approximately 300 employees;

IV. TREATMENT FACILITIES

- 5 septic tanks for sanitary wastes, (seep to ground).
- 1 earth pit for wash water from printing process clean-up.  
(water seeps to ground, settleable solids trucked away)



V. ENFORCEMENT PROCEEDINGS

No pollution abatement orders or letters have been issued against Kraft Corrugated Container, Inc.

/gig.



May 5, 1971.

MEMORANDUM:

To: J. Czachor  
From: Fred W. Ulrich

RE: METROPOLITAN RENDERERS ASSOCIATION, INC.  
Bayonne, N.J.

Metropolitan Renderers is scheduled for sampling on Monday, May 10, 1971.

There are two points. One salt water influent and one effluent.

The Plant Manager is Jack Osser.

- |                                   |  |
|-----------------------------------|--|
| 1. - BOD                          | 6. - Nitrate, Nitrite and Ammonia Nitrogen |
| 2. - TC, TIC, TOC                 | 7. - pH                                    |
| 3. - Ether soluble material       | 8. - Turbidity                             |
| 4. - Solids (Except total solids) | 9. - Chlorides                             |
| 5. - Phosphates                   | 10. - Heavy metals                         |

- NOTES: - 1. Measure temperature and set up MPN's in the field. Use dilutions of 100 - 1,000 - 10,000.
2. Make up composites of at least 3500 ml. from the individual samples.
3. Make flow estimate.
4. Prepare samples for nitrogen analysis.
5. Run pH on the individual samples.

May 5, 1971.

MEMORANDUM:

To: J. Czachor  
From: Fred W. Ulrich

RE: METROPOLITAN RENDERERS ASSOCIATION, INC.  
Bayonne, N.J.

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There are two points. One salt water influent and one effluent.

The Plant Manager is Jack Osser.

- |                                   |  |
|-----------------------------------|--|
| 1. - BOD                          | 6. - Nitrate, Nitrite and Ammonia Nitrogen |
| 2. - TC, TIC, TOC                 | 7. - pH                                    |
| 3. - Ether soluble material       | 8. - Turbidity                             |
| 4. - Solids (Except total solids) | 9. - Chlorides                             |
| 5. - Phosphates                   | 10. - Heavy metals                         |

- NOTES: - 1. Measure temperature and set up MPN's in the field. Use dilutions of 100 - 1,000 - 10,000.
2. Make up composites of at least 3500 ml. from the individual samples.
3. Make flow estimate.
4. Prepare samples for nitrogen analysis.
5. Run pH on the individual samples.

Phone 201-437-7799

June 22, 1971.

Mr. Jack Osser, Plant Manager  
Metropolitan Renderers Association  
East 22nd Street at Bayonne Industries  
Bayonne, New Jersey 07002

Dear Mr. Osser:

Enclosed is a summary of the analyses on samples taken at Metropolitan Renderers Association on May 5, 1971.

Following is a description of the sampling points:

POINT 1 (inf.) - Salt water influent purchased from Bayonne Industries.

POINT 2 (eff.) - Discharges from fat separator to the Platty Kill.

Please do not hesitate to call me if you have any questions regarding these results.

Very truly yours,

Alan I. Mytelka, Ph.D.  
Assistant Chief Engineer

AIM:gig.  
Enclosure  
cc: New Jersey State Department of  
Environmental Protection



SUMMARY OF THE ANALYSES OF SAMPLES TAKEN AT  
 METROPOLITAN RENDERERS ASSOC. INC.  
 FOOT OF EAST 22ND STREET  
 BAYONNE NEW JERSEY 07002

DATE OF SAMPLING: 5/17/71

SAMPLED BY: INT SANIT COMM  
 ANALYSES PERFORMED BY: INT SANIT COMM  
 NUMBER OF POINTS SAMPLED: 2

POINT NUMBER: 1 (INFLUENT)  
 TYPE OF SAMPLE: COMPOSITE SAMPLE  
 FLOW (APPROXIMATE): 260000 GALLONS PER DAY

TEMPERATURE .....	28.6	ORTHO PHOSPHATE-P ..	0.04
PH .....	7.3	TOTAL PHOSPHATE-P ..	*****
BIOCHEMICAL OXYGEN DEMAND .....	8	AMMONIA-N .....	0.70
CHEMICAL OXYGEN DEMAND .....	*****	NITRITE-N .....	0.07
TOTAL CARBON .....	36	NITRATE-N .....	0.76
TOTAL ORGANIC CARBON .....	14	CHLORIDES .....	8480
TOTAL SUSPENDED SOLIDS .....	99	COPPER .....	<0.02
TOTAL VOLATILE SUSPENDED SOLIDS ..	92	ZINC .....	0.08
SETTLABLE SOLIDS .....	14	CHROMIUM .....	<0.05
VOLATILE SETTLABLE SOLIDS .....	NR	LEAD .....	*****
COLIFORM DENSITY .....	0	ALUMINUM .....	*****
CHLORINE RESIDUAL .....	*****	IRON .....	*****
ETHER SOLUBLE MATERIAL .....	1	NICKEL .....	0.20
TURBIDITY .....	11	CADMIUM .....	<0.02
MANGANESE .....	0.06	MERCURY .....	*****

POINT NUMBER: 2 (EFFLUENT)  
 TYPE OF SAMPLE: COMPOSITE SAMPLE  
 FLOW (APPROXIMATE): 260000 GALLONS PER DAY

TEMPERATURE .....	21.6	ORTHO PHOSPHATE-P ..	0.96
PH .....	6.9	TOTAL PHOSPHATE-P ..	*****
BIOCHEMICAL OXYGEN DEMAND .....	103	AMMONIA-N .....	4.40
CHEMICAL OXYGEN DEMAND .....	*****	NITRITE-N .....	0.09
TOTAL CARBON .....	59	NITRATE-N .....	0.76
TOTAL ORGANIC CARBON .....	34	CHLORIDES .....	8600
TOTAL SUSPENDED SOLIDS .....	132	COPPER .....	<0.02
TOTAL VOLATILE SUSPENDED SOLIDS ..	66	ZINC .....	0.06
SETTLABLE SOLIDS .....	33	CHROMIUM .....	<0.05
VOLATILE SETTLABLE SOLIDS .....	0	LEAD .....	*****
COLIFORM DENSITY .....	>100000	ALUMINUM .....	*****
CHLORINE RESIDUAL .....	*****	IRON .....	*****
ETHER SOLUBLE MATERIAL .....	37	NICKEL .....	0.20
TURBIDITY .....	36	CADMIUM .....	<0.02
MANGANESE .....	0.08	MERCURY .....	*****

4 9832

ALL UNITS ARE MILLIGRAMS PER LITER EXCEPT PH AND THE FOLLOWING:  
 TEMPERATURE - DEGREES CENTIGRADE  
 COLIFORM DENSITY - FECAL COLIFORM ORGANISMS PER 100 MILLILITERS  
 TURBIDITY - JACKSON TURBIDITY UNITS

May 10, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich

RE: METROPOLITAN RENDERERS ASSOCIATION,  
Bayonne, N.J.

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Following industrial survey information from Jack Osser,  
Plant Manager, on 5/7/71.

I. - GENERAL SITE PLAN

- (A) See attached sketch for building location.

Metropolitan Renderers Association is a tenant  
located on the Bayonne Industries property,  
East 22nd. Street, Bayonne, N.J.

- (B) All water supply is obtained from Bayonne  
Industries.

Fresh water - 7,500 to 15,000 gallons per month  
used for sanitary purposes only.

Salt water - 6 million gallons per month.

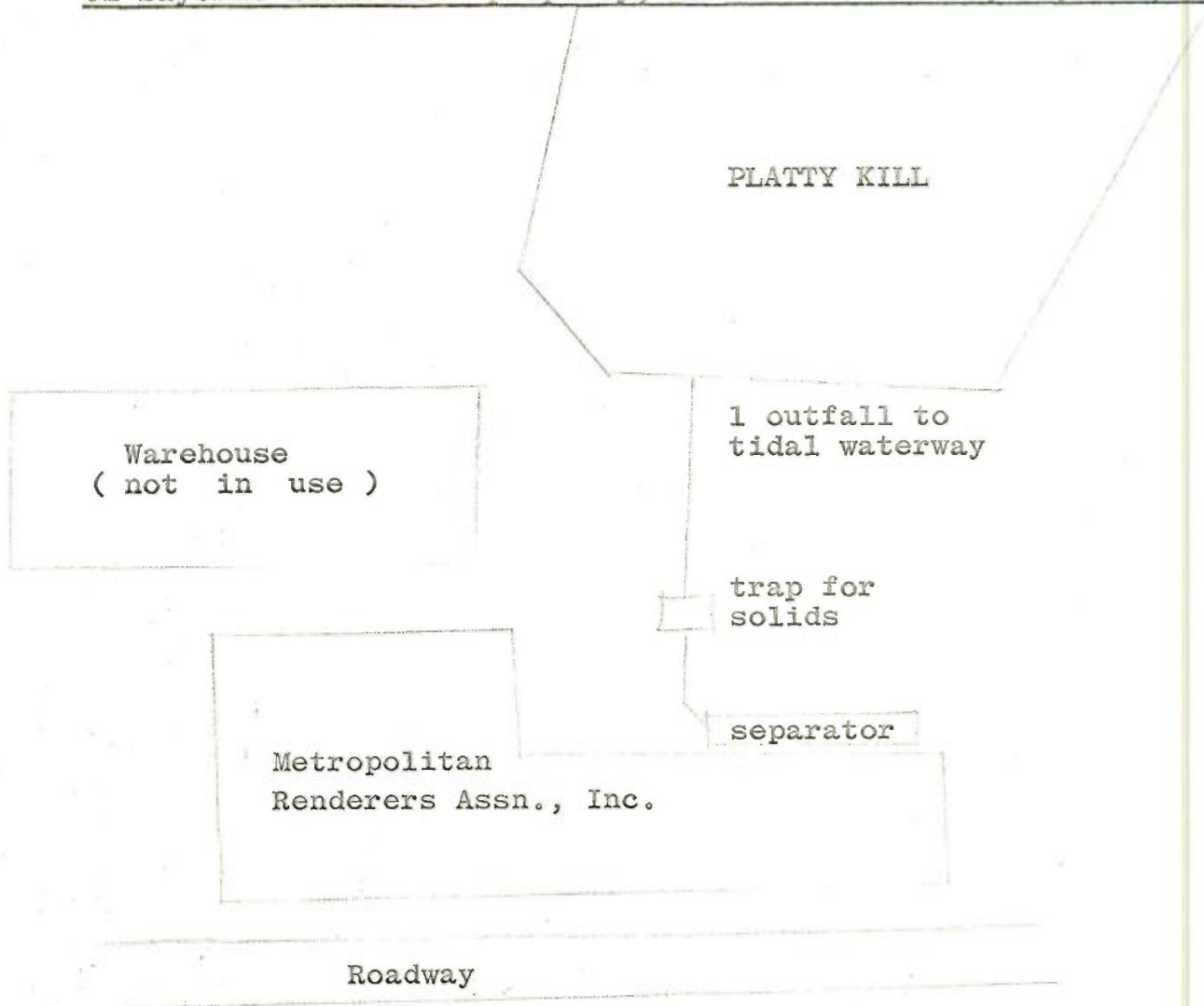
About 15% used for cleaning up and 85% for the  
barometric condensers.

- (C) All sanitary wastes are discharged to the city  
sewer.

All salt water passes through a separator and  
trap prior to discharge to the Platty Kill.

The Platty Kill has a barrier which holds back  
all floating material from entering the Kill Van  
Kull. A dam will be constructed across the Platty  
Kill by the end of the summer to completely

SITE PLAN - METROPOLITAN RENDERERS ASSOCIATION, INC. (Tenant  
on Bayonne Industries property, East 22nd. Street, Bayonne, N.J.)





separate it from the Kill Van Kull.

II. - PLANT STATISTICS

(A) Finished products:

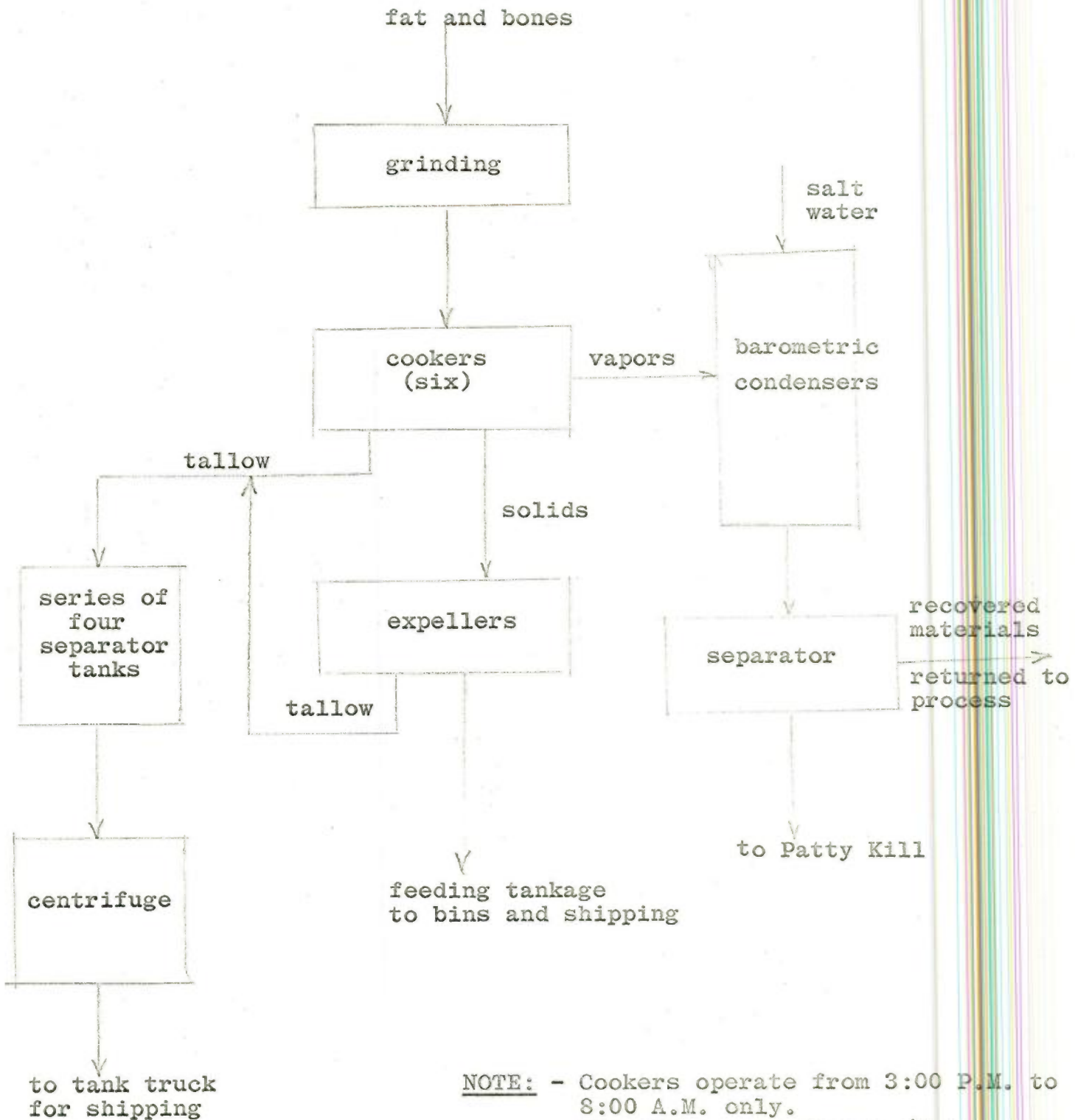
Tallow - 3/4 million lbs. per week, feeding  
tankage (used for dog food, chicken feed etc.)

(B) Raw materials:

Butcher Scraps - (fat & bones) about  
1.5 million lbs. per week.

NOTE: - 75% of the raw material is converted  
to finished product and 25% is moisture  
which leaves the plant as steam.

III. - PLANT PROCESSES - (Dry Rendering Plant)

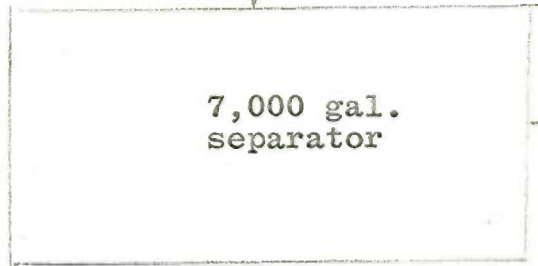


NOTE: - Cookers operate from 3:00 P.M. to 8:00 A.M. only. The plant runs 24 hrs./day, 5 days/wk. There are 30 employees including office personnel.

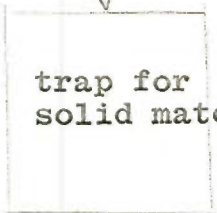
IV. - EXISTING WASTE TREATMENT FACILITY

barometric condenser and  
clean-up waste water

15 to 20,000 gal. per hr.  
( estimated )



floating and  
settleable solids  
returned to process



to Platty Kill



V. - PRESENT STATUS OF ENFORCEMENT  
PROCEEDINGS

(A) No water pollution abatement orders have been  
issued against Metropolitan Renderers Assn., Inc.

FWU:gig.

May 10, 1971.

MEMORANDUM:

To: Dr. Alan I. Mytelka  
From: Fred W. Ulrich

RE: METROPOLITAN RENDERERS ASSOCIATION,  
Bayonne, N.J.

Following industrial survey information from Jack Osser,  
Plant Manager, on 5/7/71.

I. - GENERAL SITE PLAN

(A) See attached sketch for building location.

Metropolitan Renderers Association is a tenant  
located on the Bayonne Industries property,  
East 22nd. Street, Bayonne, N.J.

(B) All water supply is obtained from Bayonne  
Industries.

Fresh water - 7,500 to 15,000 gallons per month  
used for sanitary purposes only.

Salt water - 6 million gallons per month.

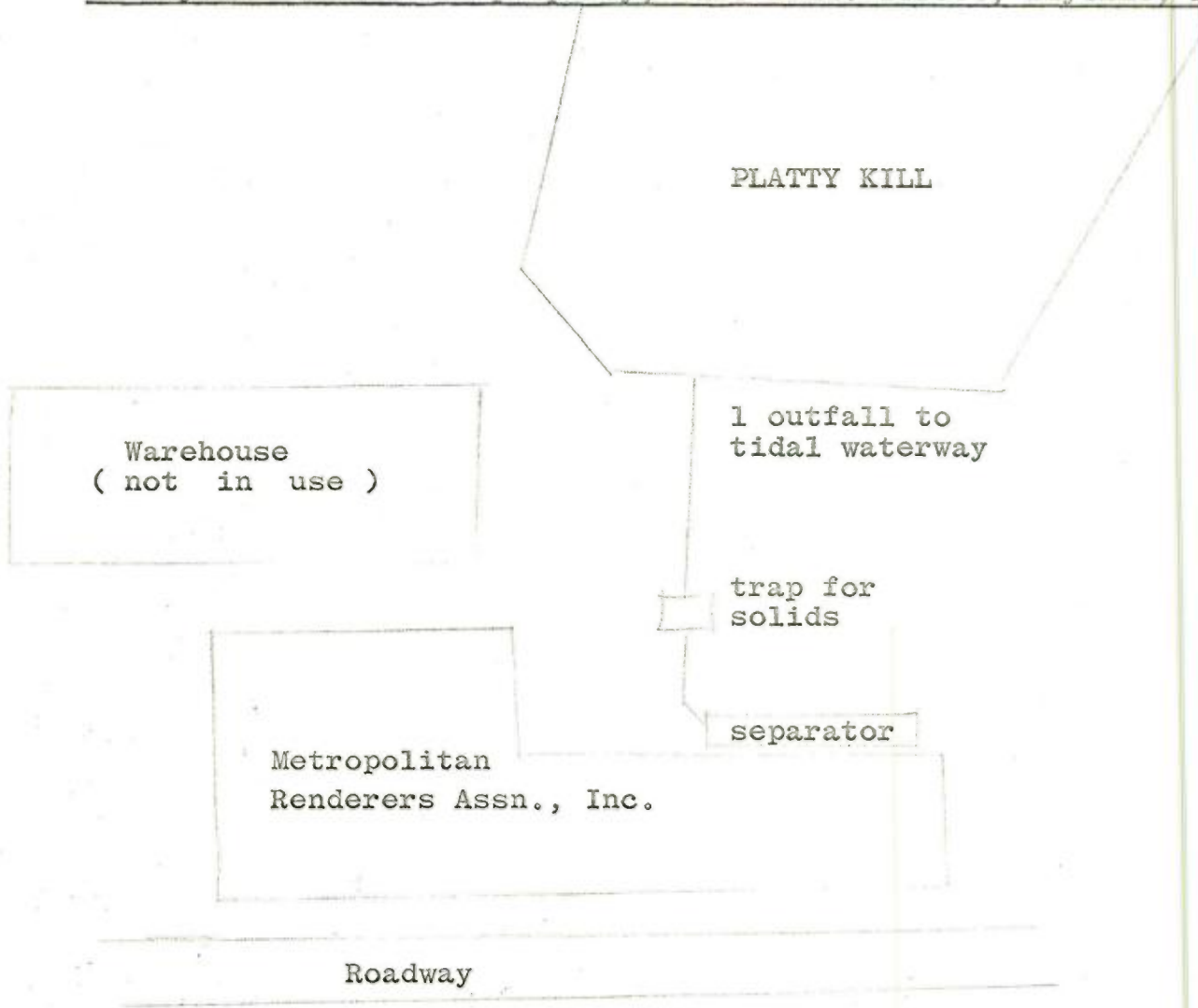
About 15% used for cleaning up and 85% for the  
barometric condensers.

(C) All sanitary wastes are discharged to the city  
sewer.

All salt water passes through a separator and  
trap prior to discharge to the Platty Kill.

The Platty Kill has a barrier which holds back  
all floating material from entering the Kill Van  
Kull. A dam will be constructed across the Platty  
Kill by the end of the summer to completely

SITE PLAN - METROPOLITAN RENDERERS ASSOCIATION, INC. (Tenant on Bayonne Industries property, East 22nd. Street, Bayonne, N.J.)





separate it from the Kill Van Kull.

II. - PLANT STATISTICS

(A) Finished products:

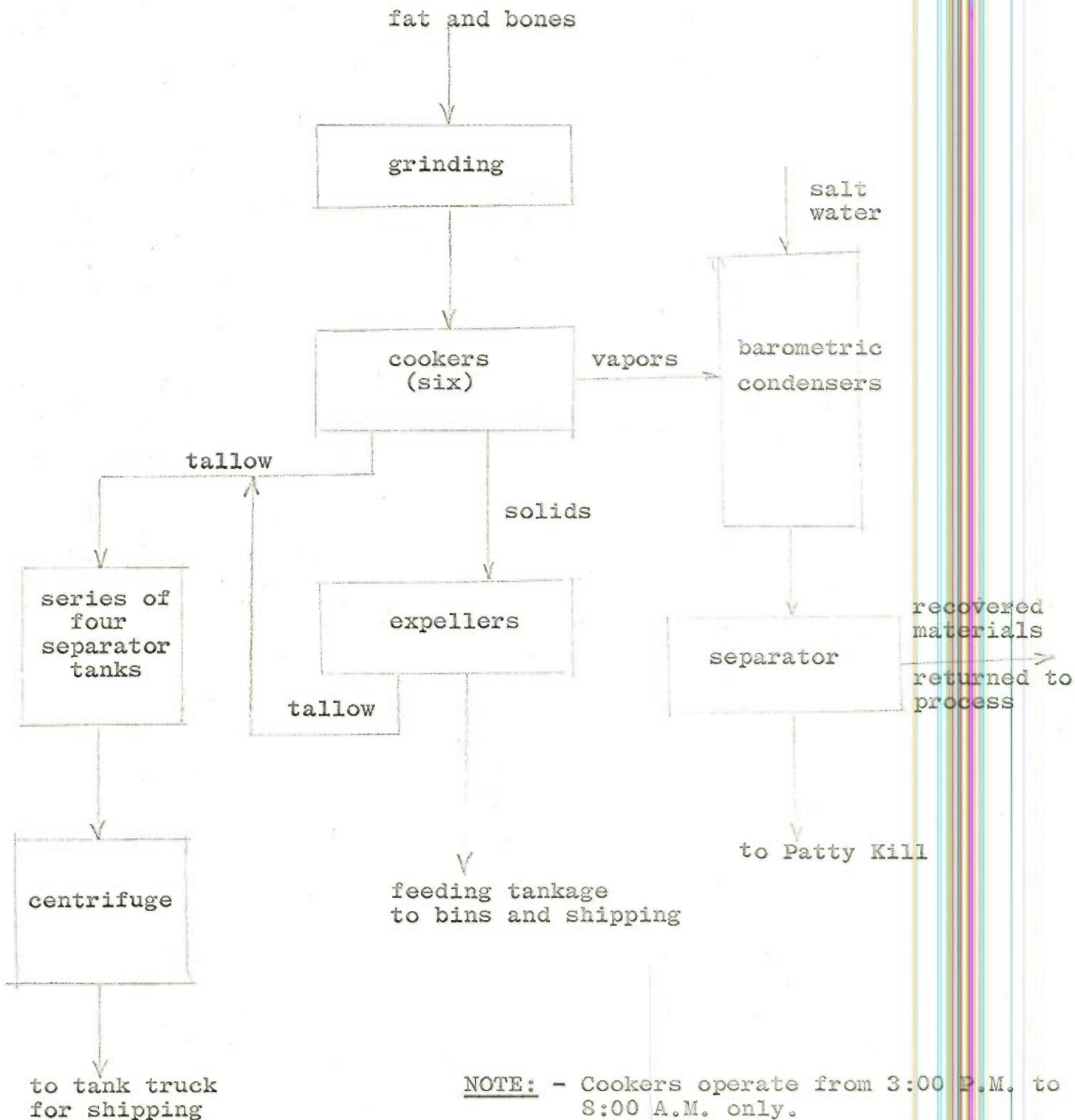
Tallow - 3/4 million lbs. per week, feeding  
tankage (used for dog food, chicken feed etc.)

(B) Raw materials:

Butcher Scraps - (fat & bones) about  
1.5 million lbs. per week.

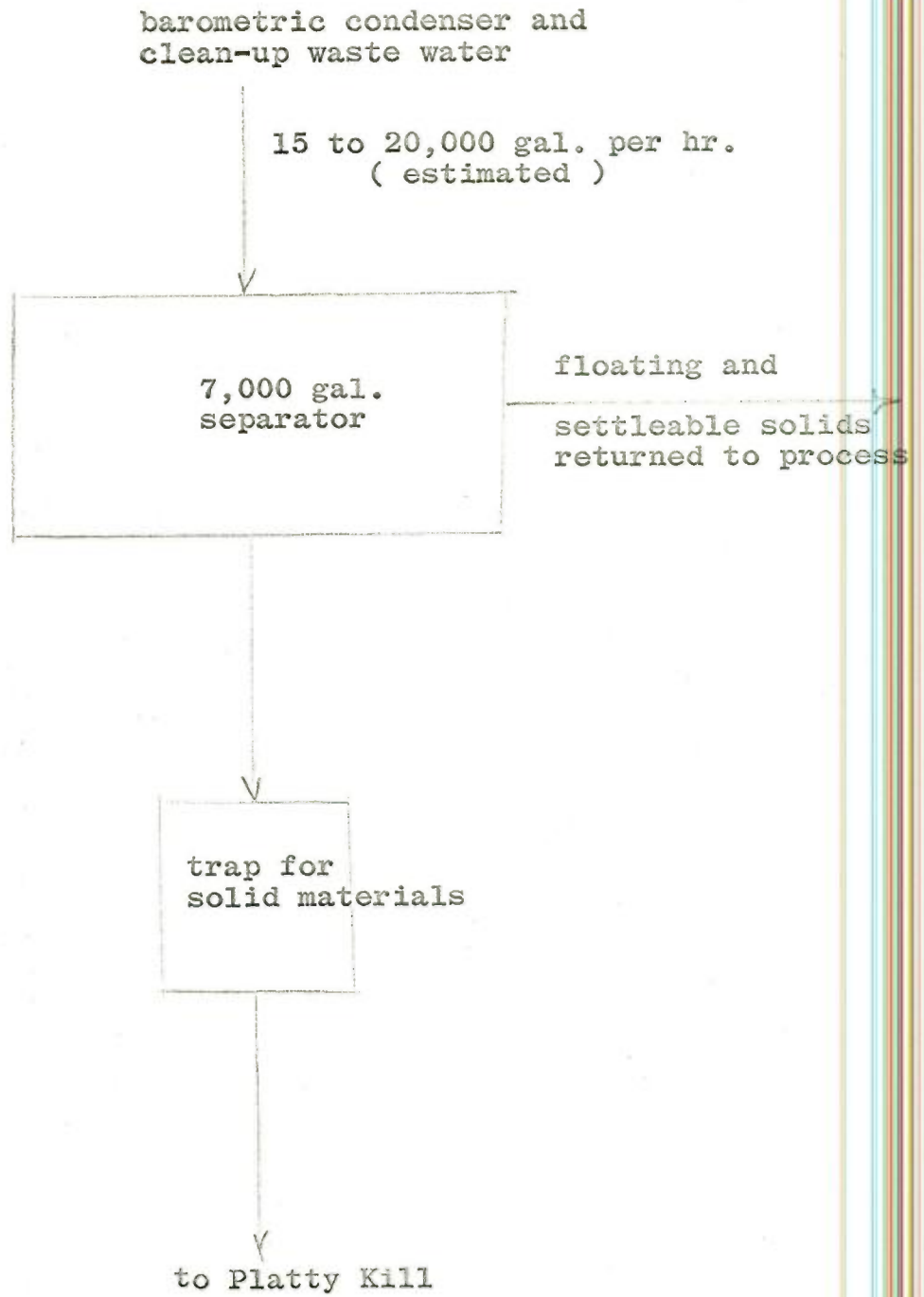
NOTE: - 75% of the raw material is converted  
to finished product and 25% is moisture  
which leaves the plant as steam.

III. - PLANT PROCESSES - (Dry Rendering Plant)



NOTE: - Cookers operate from 3:00 P.M. to 8:00 A.M. only.  
 The plant runs 24 hrs./day,  
 5 days/wk.  
 There are 30 employees including office personnel.

IV. - EXISTING WASTE TREATMENT FACILITY





V. - PRESENT STATUS OF ENFORCEMENT  
PROCEEDINGS

(A) No water pollution abatement orders have been  
issued against Metropolitan Renderers Assn., Inc.

FWU:gig.

VISIT TO KRAFT CORRUGATED CONTAINER,  
INC.  
BAYONNE, N.J.

ON 5/18/71



Corrugated paperboard container

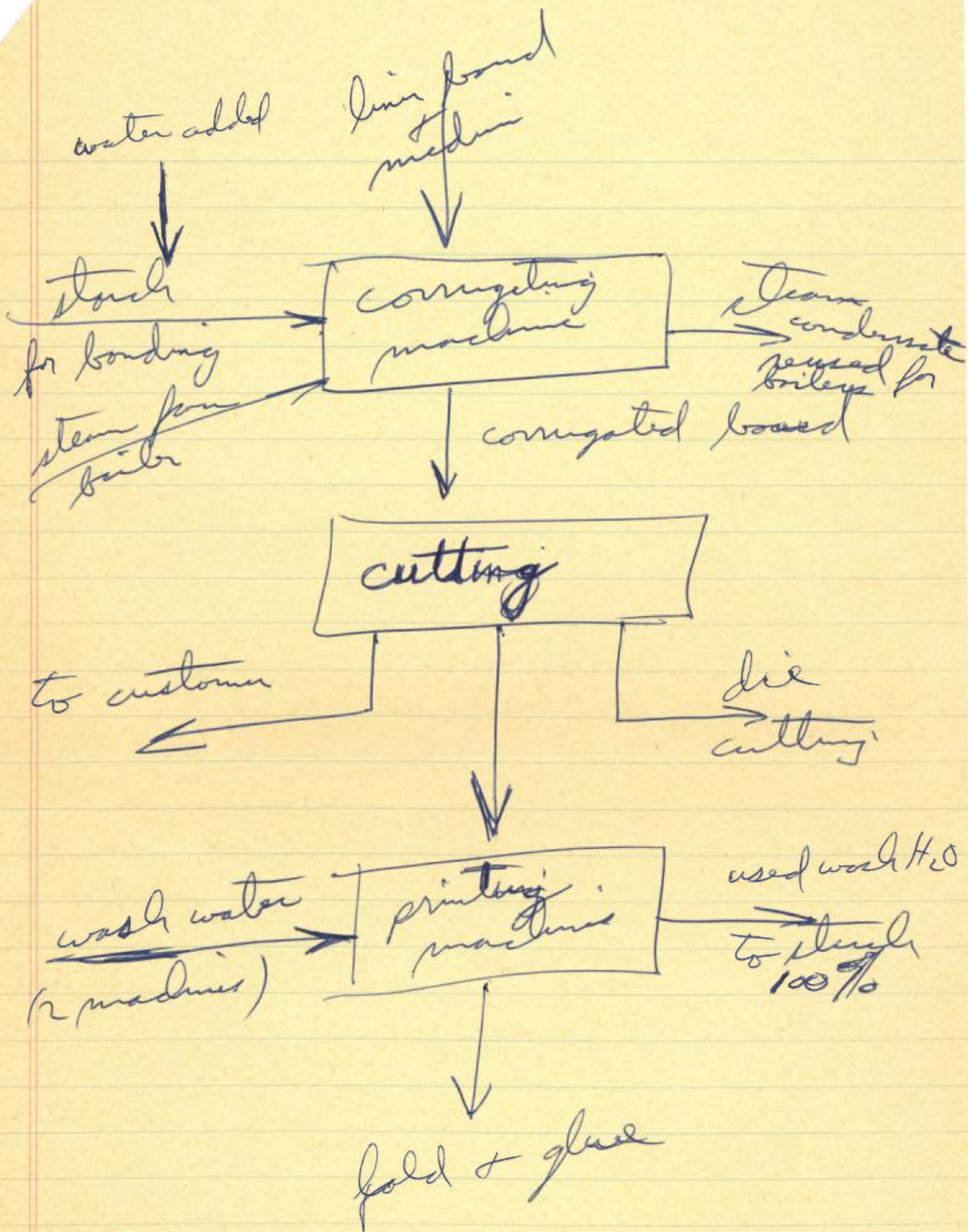
liner board  
corrugated medium

starch  
inks

Best's Environmental Control  
& Safety Directory  
71-92

A.M. Best Co.  
Park Ave, Morristown, N.J. 07960





16 to 24 hrs per day  
 5 days / wk average  
 employees 300      2 or 3 shifts



5 septic tanks  
all discharge to tile fields



pit for wash water from  
printing process  
seeps to ground  
once or twice a day

~~100,000 gpd~~

~~at~~

El Dorado Terminals

Nat. Oil Rec. 437-7300

Gordon Term

Wyandotte Chemicals