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October 16, 2009

VIA FEDEX AND ELECTRONIC MAIL

Brian Carr, Esq.
Assistant Regional Counsel
New York/ Caribbean Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway, 17th Floor
New York, NY 10007-1866

Re: Response to Request for Information Pursuant to Section 104 of CERCLA for the Gowanus Canal Site, Brooklyn, Kings County, New York

Dear Mr. Carr:

This letter provides Honeywell International Inc.'s ("Honeywell") response to the United States Environmental Protection Agency's July 10, 2009, request for information pursuant to Section 104(e) of CERCLA ("Request") concerning the Gowanus Canal Site, Brooklyn, Kings County, New York (the "Site").

Honeywell has made a good faith effort to locate and provide available information responsive to EPA's Request. As Honeywell has no current employees with contemporaneous knowledge of the Site, the burden of deriving specific answers to the questions posed in the Request from the documents is substantially the same for EPA as it would be for Honeywell. Honeywell will therefore respond to EPA's requests on the basis of such information as it obtains from its initial review of the documents but refers EPA to the documents themselves for more complete information.

Honeywell makes the following objections to and additional general points with respect to the Request:

A. Honeywell generally objects to the Request to the extent that it seeks information or documents protected by the attorney-client privilege, the attorney work product doctrine, the joint defense or common interest privilege, the self-evaluative privilege, or any other applicable privilege or doctrine. Nothing contained in these objections or the responses below is intended as, or shall in any way be deemed as, a waiver of privilege.

Honeywell is reviewing each potentially responsive document for privilege, but if any privileged document is inadvertently produced, Honeywell reserves the right to recall such document without waiver of any applicable privilege. Honeywell further objects to the Request to the extent that it seeks confidential or proprietary business information, or confidential settlement information.

B. Honeywell generally objects to the Request to the extent that it seeks information and/or documents not in the possession, custody, or control of Honeywell.

C. Honeywell generally objects to the Request to the extent that it is overly broad, unduly burdensome, or not reasonably calculated to lead to the discovery of information necessary or useful to EPA's investigation

D. Honeywell generally objects to the Request to the extent that it is beyond the scope of authority granted to EPA under CERCLA section 104(e), 42 U.S.C. § 9604(e).

E. Honeywell generally objects to the Request to the extent that it seeks information already within the knowledge of EPA or that may be derived or ascertained from documents already within the possession, custody, or control of EPA.

F. As noted above, this response reflects a diligent search of Honeywell's records, but no representation is made that all such records have been located and searched. Honeywell reserves the right to supplement this response in the event that it locates additional responsive non-privileged documents or information, but does not assume the obligation to do so.

G. In certain instances below, where documents contain the information sought by the Request, Honeywell has directed the EPA to attached documents.

H. Honeywell's production of documents, is not intended to be, and is not, an admission that any such documents are authentic, are records of Honeywell, or are within the possession, custody, or control of Honeywell. Honeywell reserves the right to object to any statements contained in any

documents for any permissible reason, including on the ground of credibility, accuracy, or adoption, at or during any further proceeding related to the Site.

The number for each request repeated below corresponds to the number of the request as it appears in the Request. Subject to and without waiving these objections, Honeywell responds to the Request, incorporating each of the above objections, as follows:

INFORMATION REQUEST QUESTIONS

1. Please provide the following information on your Company:

a. Identify the state and date of incorporation of the Company and the Company's agents for service of process in the state of incorporation and in New York State.

RESPONSE:

Honeywell International Inc. is a corporation organized under the laws of the State of Delaware, with a principal place of business at 101 Columbia Road, Morristown, NJ 07962. Honeywell International Inc. was created by the merger of Honeywell, Inc. into AlliedSignal Inc. on November 24, 1999. Honeywell's agent for service of process in Delaware is The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801. Honeywell's registered agent for service in New York is Corporation Service Company, 80 State Street, Albany, New York 12207-2543.

b. Please identify the Chief Executive Officer or other presiding officer of the Company. Please also confirm the mailing address of that officer.

RESPONSE:

David M. Cote is Honeywell's Chairman and Chief Executive Officer. His mailing address is 101 Columbia Road, Morristown, New Jersey 07962. All correspondence with Honeywell related to the Gowanus Canal should be addressed to Thomas Byrne, Esq., Chief Environmental Counsel, Honeywell International Inc., 101 Columbia Road, Morristown, New Jersey 07962, with a copy to Christopher Anderson, Esq., Arnold & Porter LLP, 399 Park Avenue, New York, New York 10022.

c. What is the nature of the business conducted by your Company?

RESPONSE:

Honeywell International Inc. is a diversified technology and manufacturing company, serving customers worldwide with aerospace products and services, control, sensing and security technologies for buildings, homes and industry, turbochargers, automotive products, specialty chemicals, electronic and advanced materials, and process technology for refining and petrochemicals. Honeywell manages its business operations through four business units that are reported as operating segments: Aerospace, Automation and Control Solutions, Specialty Materials, and Transportation Systems. An additional comprehensive overview of the company is available in its Annual Report (10-K) filed with the Securities and Exchange Commission and available on the company's website at:
http://library.corporate-ir.net/library/94/947/94774/items/327738/7B9AAEA0-EEFC-47E0-B18A-1B6281EBD795_HON08AR.pdf

d. If your Company is a subsidiary, division, branch or affiliate of another corporation or other entity, identify each of those other entities and those entities' Chief Executive Officers or other presiding officers. Identify the state of incorporation and agents for service of process in the state of incorporation and in New York State for each entity identified in your response to this question.

RESPONSE:

Honeywell has no parent entities.

2. Is your Company a successor-in-interest to an entity, including those identified for your Company parenthetically in Definition 6, above? If your answer is no, please identify the current successor-in-interest to those companies and state the factual basis for your answer to this question.

RESPONSE:

After a good faith search for documents, Honeywell has not been able to determine whether it is a successor-in-interest to the Warren Chemical and Manufacturing Co. as described in Definition 6 of the Request. Please find attached as Exhibits 1 through 15 documents within Honeywell's possession that bear on

Honeywell's relationship to Warren Chemical Company. From a review of these documents, it appears that Barrett Manufacturing Company purchased some of the assets of Warren Chemical Company of New York in or about 1899 and formed a new subsidiary, Warren Chemical Company of New Jersey, to hold those assets. Warren Chemical Company of New York retained a separate corporate existence after it sold assets to Barrett and was later wound up. Honeywell is not the successor to Warren Chemical Company of New York. The ultimate disposition of Warren Chemical Company of New Jersey is unknown.

Honeywell is the successor-in-interest to Barrett Manufacturing Co. ("Barrett") and Allied Chemical and Dye Corp.

3. **Please describe in detail the manufacturing processes and any other operations conducted at the Facility by your Company, and identify the years in which it conducted such operations there. If those operations were not constant, describe the nature of all changes in operations and state the year of each change.**

RESPONSE:

Operations and/or processes that may have occurred at the Smith Street facility include the production of roofing materials. See Exhibits 10 and 20. Operations and/or processes that may have occurred at the Hamilton Avenue site (the "Warren facility") include the production of asphalt materials. See Exhibit 19. Except as provided in Exhibits 10, 19 and 20, after conducting a good faith search, Honeywell has not been able to locate documents or other information that specifically describe the processes or operations that occurred at the facilities described in Section 9(b) and (c) of the Request (the "Facilities"). The maps attached as Exhibits 19 and 20 were not prepared by Honeywell or its predecessors and Honeywell makes no admission as to the accuracy of these maps.

a. During what years did your Company operate at the Facility?

RESPONSE:

After a good faith search for documents and information, Honeywell has not been able to determine whether it held ownership interest at the Facilities, and if it did, the dates of such ownership interest. It appears that in or about 1850, Mica Roofing

Company established a manufacturing plant for roofing materials in Brooklyn, New York, and it appears that this company later became the National Coal Tar Company. See Exhibits 1, 5, 8-12, 15, and 16. From a review of historical documents, it appears that Barrett acquired National Coal Tar Company in or about 1899. The nature of the acquisition of National Coal Tar Company (e.g., asset purchase or stock acquisition) is unknown, and it is also unknown whether Barrett succeeded to the liabilities of National Coal Tar Company. See Exhibits 1, 5, 8-12, 15, and 16. Barrett Company annual reports from 1918 and 1919 identify a manufacturing facility in Brooklyn, however the precise address is not provided. See Exhibits 17 and 18.

Based on historical Sanborn Maps (Exhibit 19), it appears that Mica Roofing Co. was located at the Smith Street site in 1886. According to these Sanborn Maps, Barrett was located at the site sometime in or before 1904, and ceased operating at the site by 1950.

Based on historical Sanborn Maps (Exhibit 20), it appears that the Warren Chemical Company was not located at the Hamilton Avenue site in 1886, but was located at the site some time in or before 1904. According to these Sanborn Maps, Warren Chemical ceased operating at the site by 1922. The maps attached as Exhibits 19 and 20 were not prepared by Honeywell or its predecessors and Honeywell makes no admission as to the accuracy of these maps.

b. During what years did your Company own all or any portion of the Facility?

RESPONSE:

Please refer to the response for question 3(A).

c. Please provide a copy of documents which effectuated your Company's acquisition and, if no longer owned, sale of the Facility property.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or information regarding the acquisition and/or sale of the facilities.

4. With respect to hazardous substances, hazardous wastes and industrial wastes at the Facility:

a. List all hazardous substances, hazardous wastes and industrial wastes that were used, stored, generated, handled or received by your Company at the Facility. Be as specific as possible in identifying each chemical, and provide, among other things, the chemical name, brand name, and chemical content.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information that identify any waste that resulted from the processes and/or operations at the Facilities. Based on the business operations of Barrett Manufacturing Company and historical Sanborn Maps (Exhibits 19 and 20), tar may have been handled at the Facilities. The maps attached as Exhibits 19 and 20 were not prepared by Honeywell or its predecessors and Honeywell makes no admission as to the accuracy of these maps.

b. State when each hazardous substance, hazardous waste and industrial waste identified in your response to question 4.a., above, was used, stored, generated, handled or received and state the volume of each hazardous substance, hazardous waste and industrial waste used, stored, generated or handled on an annual basis.

RESPONSE:

Please refer to the response for questions 3 and 4(A).

c. Describe the activity or activities in which each hazardous substance and waste identified in your response to question 4.a., above, was used, stored, handled or received.

RESPONSE:

Please refer to the response for questions 3 and 4(A).

d. Describe the activity or activities in which each hazardous waste and industrial waste identified in your response to question 4.a., above, was generated.

RESPONSE:

Please refer to the response for questions 3 and 4(A).

e. Show the location of the hazardous substances, hazardous wastes and industrial wastes identified in your response to question 4.a., above through a map or diagram of the Facility ("Facility Plan").

RESPONSE:

Please refer to the response for questions 3 and 4(A).

f. In addition to the Facility Plan, provide a floor plan of the Facility, both current and at the time the Facility was in operation, that includes drainage sumps and all above-ground and below-ground discharge piping.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information that specifically identify either of the Facilities or that provide any floor plans for the Facilities, other than the historical Sanborn maps attached as Exhibits 19 and 20. The maps attached as Exhibits 19 and 20 were not prepared by Honeywell or its predecessors and Honeywell makes no admission as to the accuracy of these maps.

5.a. What did your Company do with the hazardous wastes, hazardous substances, and industrial wastes that it used, stored, generated or otherwise handled after it was finished with them? Describe in detail how and where the hazardous substances, hazardous wastes and industrial wastes identified in response to question 4 above were disposed. For each disposal location and method, state the nature and quantity of the material disposed of on an annual basis.

RESPONSE:

Please refer to the response for question 4(A).

b. If any hazardous substances, hazardous wastes and industrial wastes ever were removed from the Facility for disposal or treatment, state the names and addresses of the transporters and disposal facilities used and the period during which each such transporter and disposal site was used. If you are unaware of the ultimate disposal location of any of the hazardous substances, hazardous wastes and industrial wastes that were removed from the Facility, state the nature and quantity of the particular materials in question and the names and addresses of the companies or individuals who removed the materials from the Facility.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information that provide the names or addresses of individuals or entities that disposed of, transported or treated waste and or substances at the Facilities, or the location, time period, frequency, type or quantity of such disposal.

c. Were any hazardous substances, hazardous wastes and industrial wastes ever disposed of at the Facility by your Company or any of its officers, employees, agents or representatives, or anyone else, either intentionally or unintentionally (in a manner other than those already identified in your responses to 5.a-b., above)? Your answer to this question should address, but not be limited to, instances in which hazardous substances, hazardous wastes, and industrial wastes were spilled or otherwise disposed onto or into the ground from drums, tanks, or any other containers, as well as instances in which drums or other containers containing any volume whatsoever of hazardous substances, hazardous wastes and industrial wastes caught fire. For each disposal identified in your response to this question:

i. Identify the locations at the Facility where such disposal occurred;

ii. **State the periods during which such disposal occurred at each area identified in your response to question 5.c.i., above;**

iii. **Identify each of the materials disposed of at the Facility, including the chemical content, characteristics, and form (solid, liquid, sludge or gas) of the material;**

iv. **Describe the method of disposal used;**

v. **Describe how the material was containerized (if at all) at the time of the disposal; and**

vi. **State the quantity of each such material that was disposed of at the Facility.**

RESPONSE:

Please refer to the response for question 5(b).

6. **Identify all leaks, spills or releases or threats of releases of any kind of any hazardous substances, hazardous wastes and industrial wastes into the environment that have occurred or may have occurred at or from the Facility, including to the Gowanus Canal, including any leaks or releases from discharge pipes as well as from storage tanks, drums and other containers. Your answer should include:**

a. when each release occurred;

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information regarding leaks, spills or release or threats of releases of any kind of any hazardous substances, hazardous wastes or industrial wastes into the environment at or from the Facilities during the time period in which they might have been operated by Barrett or Warren. Honeywell is aware of Phase I and Phase II site assessment reports prepared by the current owner of portions of the Facility at Smith and Halleck Streets. These reports indicate the presence of environmental contamination although the source of the contamination has not been established. These reports are attached as Exhibits 23, 24, and 25. Honeywell understands that the current owner of the

parcels that are the subject of the reports attached as Exhibits 23, 24, and 25 has entered into a consent order with the New York State Department of Environmental Conservation to address contamination at those properties.

b. how each release occurred;

RESPONSE:

Please refer to the response for question 6(A).

c. what individuals and companies caused or contributed to the release;

RESPONSE:

Please refer to the response for question 6(A).

d. what hazardous substances were released, and in what form (e.g., gas, liquid, solid or sludge);

RESPONSE:

Please refer to the response for question 6(A).

e. the amount of each hazardous substance released;

RESPONSE:

Please refer to the response for question 6(A).

f. where each release occurred (indicate on the Facility Plan);

RESPONSE:

Please refer to the response for question 6(A).

g. the surface on or into which the material was released;

RESPONSE:

Please refer to the response for question 6(A).

h. whether the release was fully contained and, if not, where the uncontained portion of the release is believed to have gone;

RESPONSE:

Please refer to the response for question 6(A).

i. any and all activities undertaken in response to each release or threatened release;

RESPONSE:

Please refer to the response for question 6(A).

j. any and all investigations of the circumstances, nature, extent or location of each release or threatened release including the results of any soil, water (ground or surface), or air testing that was undertaken; and

RESPONSE:

Please refer to the response for question 6(A).

k. all persons with information relating to subparts a. through j. of this Question.

RESPONSE:

Please refer to the response for question 5(B).

7. In addition to any documents requested above, please provide copies of the following:

a. All records relating to releases of hazardous substances, hazardous wastes, and industrial wastes at the Facility or to the Gowanus Canal; and

RESPONSE:

Please refer to the response for question 6(A).

b. All waste manifests, invoices or other documents relating to the disposal of the hazardous substances, hazardous wastes, and industrial wastes disposed of at the Facility or otherwise handled at the Facility.

RESPONSE:

Please refer to the response for question 4(A).

c. All investigation documents relating to conditions at the Facility, including safety and environmental audits, sampling results, cleanup orders or any submissions to the environmental agencies, including but not limited to, the New York State Department of Environmental Conservation, the New York City Department of Environmental Protection and EPA.

RESPONSE:

Documents responsive to this request are attached as Exhibits 23, 24, and 25.

8. Did the Facility utilize barges in its operations? If so, provide the following information:

a. the period of barge operations;

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information regarding whether the Facilities utilized barges in their operations. Honeywell has located documents regarding utilization of "tank boats" by Barrett in New York, however these documents do not discuss the specific Facilities that are the subject of this request, thus it remains unclear if and when barges may have been used at these Facilities. See Exhibits 21 and 22.

b. the location of barge transfers;

RESPONSE:

Please refer to the response for question 8(A).

c. the nature of materials transferred to or from barges;

RESPONSE:

Please refer to the response for question 8(A).

d. the nature of barge cleaning operations, if any, including what cleaning methods were used and how cleaning waste was handled;

RESPONSE:

Please refer to the response for question 8(A).

e. what spill prevention controls were utilized;

RESPONSE:

Please refer to the response for question 8(A).

f. a detailed description of any barge-related releases.

RESPONSE:

Please refer to the response for question 8(A).

9. Did the Facility utilize an on-site fleet of vehicles or otherwise generate or accept used oil? If so, describe in detail the Facility's used oil management practices during the period of the Facility's operations, including the number of vehicles serviced on-site, the volume of waste oil generated, how the waste oil was stored pending disposal, and the method and location of waste oil disposal.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information regarding whether the Facilities utilized an on-site fleet of vehicles or otherwise accepted or generated used oil.

10. Did the Facility's operations include tank cleaning? If so, describe in detail the Facility's tank cleaning practices during the period of operations, including the number of tanks on- site, the frequency and method of tank cleaning, the volume of tank cleaning waste generated, and the Method and location of tank cleaning waste disposal.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to located documents or other information regarding tank cleaning practices at the Facilities.

11. Identify each of your Company's Facility discharge locations, including but not limited to, pipes, drains, sumps and sewer connections, describe the discharge location's purpose and use, show the location of each discharge point on the Facility Plan, and indicate whether it discharged to the Gowanus Canal, to the ground, the sewer or other location(s).

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information regarding any discharges from the Facilities.

12. Please describe the closure of the Facility, if applicable. Your answer should include, but not be limited to, when the closure of the Facility occurred; how waste material was disposed of, and whether any waste material was left onsite. In addition, describe any further closure work that was undertaken at the time any portion of any of the Facility was transferred.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate documents or other information regarding closure of the Facilities.

13. Does your Company have any additional information or documents which may help EPA identify other companies which conducted operations at or owned the Facility, or contributed contamination to the Gowanus Canal? If so, please provide that information and those documents; state the time period when each such company operated at or owned the Facility, or

contributed contamination to the Gowanus Canal, and identify the source(s) of your information.

RESPONSE:

Exhibits 23, 24, and 25 provide information on the current owners of portions of the Facility at Smith and Halleck Streets. After conducting a good faith search, Honeywell has not been able to locate other documents or other information which may help identify any companies which conducted operations at or owned the Facilities, or contributed contamination to the Gowanus Canal.

14. Identify the persons having knowledge of facts relating to the questions which are the subject of this inquiry. For each such person that you identify, provide the name, address, and telephone number of that person, and the basis of your belief that he or she has such knowledge. For past and present employees of the Company, include their job title and a description of their responsibilities.

RESPONSE:

After conducting a good faith search, Honeywell has not been able to locate individuals who have personal knowledge of facts relating to the questions that are the subject of EPA's information request.

15. Please state the name, title and address of each individual who assisted or was consulted in the preparation of your respects: to this Request for Information. In addition, state whether this person has personal knowledge of the answers provided.

RESPONSE:

John Morris
Remediation Portfolio Director
Honeywell International Inc.
101 Columbia Road
Morristown, NJ 07962

J. Mark Kamilow
Remediation Manager
Honeywell International Inc.
12 Briarwood Lane
New Hartford, NY 13413

Jeanne Wetenhall
Legal Assistant
Honeywell International Inc.
101 Columbia Road
Morristown, NJ 07962-1057

The foregoing individuals assisted in the identification and collection of documents potentially responsive to the Request. None of the foregoing individuals has personal knowledge of the Facilities or the information provided in this response. None of the foregoing individuals should be contacted except through undersigned counsel.

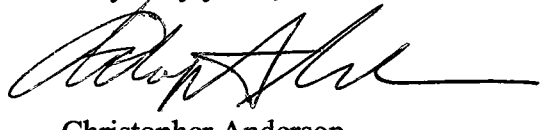
16. Supply any additional information or documents in your possession or available to you that may be relevant to the questions which are the subject of this inquiry or that may assist EPA in identifying potentially responsible parties under CERCLA with respect to the Site.

Other than the answers set forth above and the documents attached hereto, Honeywell is not aware of any additional information in its possession that would be relevant to the questions set forth in this Request or to the Site in general.

* * * * *

Please contact me at (212) 715-1186 if you have any additional questions regarding these responses.

Very truly yours,



Christopher Anderson

cc: Christos Tsiamis

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION
GOWANUS CANAL SUPERFUND SITE

State of New Jersey

County of Morris

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my Company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or my Company's response thereto should become known or available to the Company.

John J. Morris
NAME (print or type)

Remediation Portfolio Director
TITLE (print or type)

John J. Morris
SIGNATURE

CHERYL L. TOLES
State of New Jersey
County of Passaic
Expiration Date: 10/27/2010
ID # 2336504

Sworn to before me this day
14th of Oct., 2009

Cheryl L. Toles
Notary Public

U.S. Environmental Protection Agency
Request for Information Pursuant to Section 104(e) of CERCLA

Gowanus Canal Site

Response of

Honeywell International Inc.

Exhibits Volume I
(Exhibits 1 to 22)

SUIT TO DISSOLVE THE COAL-TAR TRUST

Government Says $15,000,000 Corporation Has Conspired to Restrain Commerce.

CHARGE MANY ILLEGAL ACTS

Among Them Contract to Destroy Part of Output—Company to Make Statement To-day.

District Attorney Wise filed yesterday in the Federal District Court on behalf of the Government an injunction suit under the Sherman Act against the American Coal Products Company, a $15,000,000 corporation, the Barrett Manufacturing Company, the National Coal Tar Company and a number of similar concerns. He asks that they be enjoined from combining to restrain trade in coal tar and other by-products of coal.

The case is in the hands of Clark McKercher, Special Assistant to the Attorney General, and J. A. Fowler, Assistant to the Attorney General, and the facts on which it is based have been collected in the last four months by Daniel C. Betjeman, Special Agent of the Department of Justice. Ex-Senator J. C. Spooner is counsel for the American Coal Products Company, which has an office at 17 Battery Place. It was stated at Washington yesterday that, though it would not admit that it had violated the law, the Coal Products Company would consent to a decree "to avoid litigation." However, yesterday Mr. Spooner and Ernest J. Steer, Secretary and Treasurer of the Coal Products Company, refused to admit this and said that a statement would be issued to-day.

The Government in its complaint points out that coal tar is principally produced by what are known as by-product coke ovens, though some comes from gas plants. The United States produces about 2,775,250 barrels a year, of which the Barrett Manufacturing Company buys up 80.6 per cent. Oil tar is a by-product of gas companies using petroleum, and the Barrett Company purchases 31.1 per cent. of the 1,287,000 barrels produced annually in the country. These products are used for the manufacture of roofing materials such as tarred felt, and also to make pavements.

It is charged that the defendants since 1898 have been gradually building up a business till they have gained the control of the entire trade so that some manufacturers which need coal tar have been forced to get their supplies from the Barrett Manufacturing Company. Moreover it is alleged that the defendants have purchased the control of some operating companies, which manufacture tarred felt and pitch roofs, and it is impossible for independent companies to compete with them.

In order to do this, it is charged the defendants have contracted to purchase practically the entire output of many companies producing coal or oil tar, and have also forced them to agree to destroy some of their production. On request of the Barrett Manufacturing Company these concerns must, according to the contract, burn or otherwise dispose of, but in competition with or at the cost of the Barrett Company, a proportion of their production, which generally works out at 15 per cent.

Even then, the Government charges, the Barrett Manufacturing Company buys more coal and oil tar than it can dispose of for manufacturing purposes, so it uses this to export briquettes at less than cost price. Another practice, which the Government condemns, is to require in certain districts customers who want to buy tarred felts to buy as well a certain proportion of pitch.

The Barrett Manufacturing Company was organized in April, 1899, with a capital of $35,000,000 by a combination of companies and interests which were then in open competition in the manufacture of coal tar products. Since then this company has taken in the Mica Roofing Company, the Warren Chemical and Manufacturing Company, the Commonwealth Roofing Company, the Eastern Granite Roofing Company, the Union Coal Tar and Chemical Company, a share in the business of the Cambria Steel Company and the Buchanan-Foster Company. In 1902 the properties held by the Barrett Manufacturing Company were taken over by the newly incorporated American Coal Products Company, as well as the stock of the Barrett Company. Then the Barrett Company got control of certain processes for the manufacture of coal tar, which are known as the Otto-Hoffman, the United-Otto, and Semet-Solvay processes.

The American Coal Products Company, through its control of the Barrett Company, has these, it is charged, also under its control, and has moreover formed contracts for the purchase of the coal products of such large concerns as the American Light and Traction Company, the Detroit City Gas Company, the Milwaukee Gas Light Company, the Racine Gas Light Company, and so on.

So the Government asks that the combination set forth in its complaint be declared a menace to trade and commerce, and that the companies be enjoined from carrying on business along the same lines as before.

The individual defendants named are Isaac H. Fletcher, William B. Childs, Samuel H. Bingham, Thomas M. Stannard, John C. Runkle, W. N. McIlvray, Ernest J. Steer, Frank H. Foster, and Hugo Henning.

The New York Times
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Originally published March 4, 1913

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Published Annually by the
AMERICAN BLUE BOOK PUBLISHERS
2512 N. Halsted St., Chicago, Ill.
PRICE TEN DOLLARS

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FOREWORD

THE AMERICAN ELITE AND SOCIOLOGIST Presents in one volume a galaxy of six thousand representative Business Men, Directors and the Professions, Economists, Founders, Humanitarians, Social Workers, and Members of Elite Clubs, Societies and other Organizations prominent in the Social, Industrial and Financial Development of our Beloved Commonwealth.

These representative Citizens of character and influence, by their enterprise and thrift, by their activity and sagacity in business, and by their zeal in educational, social and public matters, have contributed vastly to the moral, spiritual and material prosperity of the community in which they live.

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THE EDITOR.

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LIVES OF GREAT MEN ALL REMIND US
ME CAN MAKE OUR LIVES SUBLIME,
AND, DEPARTING, LEAVE BEHIND US
FOOTPRINTS ON THE SANDS OF TIME.

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Bikle, Philip Melanchthon, Educator and Author, of Pennsylvania College, of Gettysburg, Pa.; was born Dec. 1, 1844, in Smithsburg, Md. Since 1874 he has been professor of Latin and since 1889 has been dean of the Greysburg College. He has been dean of tary of the Parent Education Society of United Lutheran Church. He is a member of the Amercian Philological Association, and of various other clubs and societies. In 1869 he married Miss Anna M. Wattles; by whom he had one son. In 1877 he married Miss Emma J. Wolf, and they have three sons, and reside in Gettysburg, Pa.

Bill, Edward L., Secretary and Director, of 373 Fourth Avenue. New York City; and a member of the Bonnie Briar Country Club, the American Museum of Natural History. the New York Zoological Society, the Building Trades Employer's Association, and the New Rochelle Rowing Club. He is secertary and a director of Edward Lyman Bill, and of the Chester Syndicate, Incorporated.

Billikopf, Jacob, Sociologist, of 1512 Walnut Street, Philadelphia, Pa.; and a member of the City Club, and the Locust Club. He was born June 1, 1882, in Wilna, Russia. In 1907 he was superintendent of the United Jewish Charities of Kansas City, Mo. He was active in organizing of municipal baths, public night schools, free legal aid bureau, remedial loan agency and the Kansas City Board of Public Welfare. Since 1919 he has been executive director of the Federation of Jewish Charities of Philadelphia. In 1920 he married Miss Ruth Marshall, of New York City; and they reside at 257 South Sixteenth Street, Philadelphia, Pa.

Billings, Cecil M., Engineer, Vice-President and Director, of 58 West Thirty-ninth Street, New York City; and a member of the Army Ordinance Association, and the Society of Automotive Engineers. He was born Aug. 4, 1885, in Glen Cove, Long Island, N.Y.; and was educated at the Cooper Institute of New York. Since 1919 he has been vice-president and director of the Delmore Manufacturing Company, and of Hasbrouck, Smith and Company. In 1904 he married Miss Marjorie Hawkinson; and they have a family of two daughters, and reside at 414 Elmwood Avenue, Brooklyn, N.Y.

Billings, Edmund, Member of the Twentieth Century Club. and the Boston City Club. He was born Jan. 14, 1868, in St. George, N.B. Canada He was president of the Wells Memorial Institute; director of the Workingmen's Building Association; and the Workingmen's Loan Association. He served as second lieutenant in the Fifth Provisional Militia, Spanish-American War. He resides at 40 St. John Street, Jamaica Plain.

Billings, Frederick Murray, Member of the City Club. He was born June 1, 1855, in London, England. He was secretary, treasurer and director of the Warren Chemical and Manufacturing Company, which business is now being carried on as a division of the Barrett Company, of which he is cashier. He resides in New York City.

Billings, Richard, Director, of 115 Broadway, New York City; and a member of various clubs and societies. He is a director of the Land and River Company and other corporations.

Billings, Richard, Director, of 115 Broadway, New York City; and a member of various clubs and societies. He is a director of the Land and River Company and other corporations.

Billow, George W., Director, of 118 Ash Street, Akron, Ohio; and a member of various clubs and societies. He is a director of the National Blank Book Supply Company and other corporations.

Binford, Raymond, College Professor, of Guilford College, N.C.; and a member of the Friends Church, the American Society of Zoologists, and the North Carolina Academy of Science, and the Citizens Committee of one hundred on Prison Legislature in North Carolina. He was born July 15, 1876, in Carthage, Ind. Since 1918 he has been president of the Guilford College. For fourteen years he was professor of zoology at Earlham College. In 1921 and 1922 he was president of the North Carolina College Conference. In 1913 he married Miss Helen Bills Titsworth; and they have a family of two son and two daughters, and reside at Guilford College, N.C.

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ALLEGED DYE MONOPOLY

HEARINGS

BEFORE A

SUBCOMMITTEE OF THE COMMITTEE ON THE JUDICIARY UNITED STATES SENATE

SIXTY-SEVENTH CONGRESS

SECOND SESSION

PURSUANT TO

Senate Resolution 77

CREATING A SPECIAL COMMITTEE TO INVESTIGATE THE EXPENDITURES MADE IN BEHALF OF VARIOUS PROPAGANDA AND IN THE MAINTENANCE OF LOBBIES IN WASHINGTON

Printed for the use of the Subcommittee on the Judiciary

WASHINGTON
GOVERNMENT PRINTING OFFICE
1502 1922

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ALLEGED DYE MONOPOLY.

MONDAY, FEBRUARY 20, 1922.

UNITED STATES SENATE,
SUBCOMMITTEE OF THE COMMITTEE ON THE JUDICIARY,
Washington, D. C.

The subcommittee met, pursuant to call, in room 301, Senate Office Building, at 10 o'clock a. m., Senator Shortridge presiding.

Present: Senators Shortridge (chairman), Ernst, and Reed, members of the subcommittee; also Senators King and Frelinghuysen.

The CHAIRMAN. The committee will please come to order. We are met as the subcommittee of the Committee on the Judiciary of the Senate. The subcommittee, as appointed by the chairman of the Judiciary Committee, in the order stated by him, consists of myself, Senator Ernst, of Kentucky, and Senator Reed, of Missouri.

We are met pursuant to notice to perform or discharge the duty imposed by Senate Resolution 77. In order that all persons present or directly or indirectly interested may be advised as to the investigation we are directed to make, and for the record, the clerk being temporarily absent, I will read the resolution. [Reading:]

"SENATE RESOLUTION 77.

"Whereas it has been charged that the dye industry is controlled by a combination of corporations, and that it is in fact a monopoly; and that in order to maintain such monopoly and obtain an embargo against the importation of competing dyes has employed agents, attorneys, and lobbyists to influence Congress in behalf of special legislation in the interest of such dye monopoly: Now, therefore, be it

"*Resolved*, That the Committee on the Judiciary, or any subcommittee thereof, is hereby authorized and instructed to investigate the charge that the dye industry is controlled by a combination of corporations which is in fact a monopoly and has employed agents, attorneys, and lobbyists to influence Congress in behalf of special legislation in the interest of such monopoly; to investigate the activities and methods of importers of dyes from Germany, and their agents, attorneys, and lobbyists to influence Congress in behalf of special legislation; and to investigate the dye and chemical industries of the United States, and the supply and distribution methods, within the United States and elsewhere, of the German dye and chemical industries, with a view to recommending proper legislation; and report its findings to the Senate, together with such recommendations as it may deem appropriate.

"*Resolved further*, That the committee is authorized to subpœna witnesses, send for persons and papers, to administer oaths, and to employ the necessary clerical assistance in the prosecution of such investigation."

The members of the subcommittee are present, and Senator Reed is recognized.

Senator REED. Mr. Chairman, I was put on this subcommittee during my absence. I thought I could serve but I find it is going to be practically impossible for me to give the time to this committee which is likely to be necessary. It is going to be a long investigation, and there have been heavy inroads made on my time recently, and I feel I can not sit here. I beg to suggest to the subcommittee that either the two members remain here, or that you, Mr. Chairman, remain here, or that a recess be taken if you deem it advisable in order that my place can be filled.

I shall advise the chairman of the Committee on the Judiciary that it is [illegible]ically impossible for me to serve. I could only do so with serious incon[illegible]ience.

of the committee to the other charts which I have here, but will wait a little later on until the other two members are present.

The CHAIRMAN. Senator King, in order to have a clear understanding of the record hereafter, that map ought to be designated.

Senator KING. Yes, sir; I have designated it by marking it "Chart A." and I ask that it be used as an illustration of the testimony given and statements made. I suggest that the committee have a photographic copy of all these charts made and put them into the record.

The CHAIRMAN. Very well; that may be done.

(A reproduction of the three charts referred to and identified by being marked "Chart A," "Chart B." and "Chart C," and they will hereafter be included in the record:)

Senator KING. I mentioned a moment ago the Barrett Co. May I invite the attention of the committee, very briefly, to that subject again? The Barrett Co. is one of five concerns forming the Allied Chemical & Dye Corporation, charged by the Government on March 3, 1913, with a violation of the Sherman antitrust law. The following day decree was entered in the Federal district court, in which all subsidiaries of the Barrett Co. were ordered dissolved, their charters surrendered, and the Barrett Co. was also required to eliminate certain restrictive conditions in some of its contracts for tar. The following excerpt relating to this decree was taken from page 2285 of Moody's Manual of Industrials for 1920.

The CHAIRMAN. Senator King, not doubting what you have said, I would like to have that cleared up a little in my own mind. The book you referred to as Moody's Manual is supposed to be authoritative, is it?

Senator KING. I think it is looked upon the same as scientific books are accepted by a court. Of course, I do not mean that they are conclusive. But no one will challenge the accuracy of the statement I have made; they can not.

The CHAIRMAN. I merely want to know whether they are generally accepted as being authoritative statements of facts.

Senator KING. Much the same as we accept the annuity tables and mortality tables.

The CHAIRMAN. Very well. You may continue.

Senator KING. Here is a statement taken from page 2285 of Moody's Manual of Industrials for 1920;

"Decree in Government suit. The Government on March 3, 1913, filed a bill in equity against the American Coal Products Co., the Barrett Manufacturing Co., and subsidiaries, charging violation of the Sherman antitrust law, and on the following day a decree was entered in the Federal district court under which the National Coal-Tar Co., Union Coal-Tar Chemical Co., W. H. Rankin Co., and New York Coal-Tar Chemical Co., all subsidiaries of the Barrett Co., were ordered dissolved and their charters surrendered; the Barrett Co. was also required to eliminate certain restrictive conditions in some of its contracts for tar, and further required to operate the following of its active subsidiaries as departments: Warren Chemical & Manufacturing Co., Commonwealth Roofing Co., Warren-Ebret Co., Eastern Granite Roofing Co., United Roofing & Manufacturing Co. The Barrett Manufacturing Co. owns 70 per cent of the stock of the H. F. Watson Co., of Erie, Pa., and under the court's decree was required to dispose of 25 per cent of the stock of this company."

May I pause to remark that that small company, small compared with the stupendous Allied Dye & Chemical Corporation, and the stupendous Du Pont Co., a number of years ago, with very few subsidiary organizations, was proceeded against for violation of the Sherman antitrust law and compelled to dissolve some of its subsidiary companies.

The CHAIRMAN. Have you a memorandum showing the case in question referred to, or do you cite it in your papers?

Senator KING. It was the Government *v.* Barrett Co.

The CHAIRMAN. Have you the citation to show where we can find the case?

Senator KING. No; I have not that information here. But it is referred to in Moody's Manual.

At this point I want to just direct the attention of the committee briefly to an article which appeared in the New York Times of December 1, 1920, when this Allied Dye & Chemical Corporation was formed, and it was formed in 1921, as I recall.

REPORT OF THE COMMITTEE

REPRESENTING

HOLDERS OF THE COLLATERAL GOLD CERTIFICATES

OF THE

ASPHALT COMPANY OF AMERICA.

JULY 18TH, 1902.

REFERRING to the preliminary report issued by this Committee under date of March 27th, 1902, stating net earnings of the Asphalt Company of America and the National Asphalt Company for the years ending December 31st, 1900, and December 31st, 1901, as determined by The Audit Company of New York, the Committee now submits its final report:—

Prior to the organization of the American Company the Asphalt business had been conducted largely by two rival groups known as the Barber and Alcatraz interests, themselves controlling or furnishing material to various subsidiary companies. Another large Company in the same line of business was the Warren-Scharf Company, which, while generally maintaining a friendly attitude towards the Barber Company, was to a greater or less extent a competitor, and again, there were other small companies which were operating independently, but were a factor in determining prices. Competition finally reached an acute stage, and after consultation

between representatives of the two larger companies, it was apparently believed that could a consolidation of all interests be effected through the medium of a holding company their combined influence on the trade and their hold on the main sources of supply would give them a practical monopoly of the business. Conditions at that time may have favored this idea, but subsequent events have demonstrated its fallacy.

To this end, therefore, the Barber and Alcatraz interests came together. An option on the Warren-Scharf Company, which will be more particularly referred to hereafter, was secured by parties allied to the Barber interests, and a plan was adopted for the formation of a holding company which should take over the stocks of the several rival companies, issuing in exchange therefor certificates of indebtedness based upon arbitrary valuations previously agreed upon, working capital being provided for by an assessment on the stock of the holding company.

After the general basis of consolidation as between the larger rival interests had been agreed upon, the Asphalt Company of America was incorporated to carry this agreement into effect. The certificate of incorporation, recorded in Hudson County, N. J., June 28th, 1899, states that the authorized capital was $30,000,000, divided into 600,000 shares at $50 each; that "every subscriber to stock of the "Company, other than the subscribers hereto for 200 shares, "shall at all times be liable for the purchase price of the stock "for which he subscribes until 10 per cent. of the par value "thereof has been paid thereon, but after the payment of said "10 per cent. such subscriber shall no longer be liable for any "unpaid part of his subscription, excepting upon such shares "as shall stand of record on the books of the Company in "the subscriber's name at the time a call or assessment is "made, but the holders of such shares of record on the books "of the Company, and they only, shall be liable for the "same."

The stock was subscribed for as follows, viz.:—

NAME.	SHARES.
Sidney F. Tyler	40
James Hay	40
James C. Young	40
Ellis Ames Ballard	40
George A. Huhn	40
Louis A. Flanagan	398,620
Charles F. Richardson	201,180
	600,000

Five dollars per share was called and paid upon this stock shortly thereafter, and a second instalment of five dollars per share on the 14th of June, 1900.

In this connection we give the names of the original Directors of the Company and their successors, and their period of service, respectively, viz.:—

Sidney F. Tyler	July 6th, 1899, to January 6th, 1901.
Ellis Ames Ballard	July 6th, 1899, to December 8th, 1899.
George A. Huhn	July 6th, 1899, to December 8th, 1899.
James C. Young	July 6th, 1899, to March 4th, 1900.
James Hay	July 6th, 1899, to December 8th, 1899.
E. Burgess Warren	December 8th, 1899, to January 24th, 1901.
George D. Widener	December 8th, 1899, to January 24th, 1901.
George W. Elkins	December 8th, 1899, to January 24th, 1901.
Wm. H. Crocker	January 5th, 1900, to February 15th, 1901.
William J. Latta	January 5th, 1900, to March 27th, 1901.
Richard Stockton	April 4th, 1900, to March 27th, 1901.
George F. Brackett	March 14th, 1900, to April 4th, 1900.
John M. Mack	January 24th, 1901.
Avery D. Andrews	January 24th, 1901.
Arthur W. Sewall	January 24th, 1901.
Francis V. Greene	January 24th, 1901.
Charles B. Alexander	February 15th, 1901, to March 27th, 1901.
Ira Atkinson	March 27th, 1901.

After the formation of the Company, and in further pursuance of the plan adopted, an agreement was entered into between the Asphalt Company of America and The Land Title and Trust Company of Philadelphia, bearing date July 15th, 1899, whereby shares of stock in thirteen (13) companies were deposited with the Trust Company, the owners accepting in exchange therefor the five (5) per cent. Gold Certificates of the Trust Company, as follows, viz.:—

Name of Company.	Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Cash.	Cost in Certificates.
Barber Asphalt Paving Co.	39,000	$100.00	38,993	$300.00	. . . .	$11,697,900.00
The New Trinidad Lake Asphalt Co.	50,000	$48.50	49,550	100.00	. . . .	4,955,000.00
			50	84.886	$4,244.32	. . . . .
Alcatraz Co. of West Virginia,	800,000	5.00	799,900	6.00	. . . .	4,799,400.00
United Asphalt Co.	40,000	100.00	39,975	91.808	. . . .	3,670,000.00
Atlantic Alcatraz Asphalt Co.	1,000	100.00	995	1,000.00	. . . .	995,000.00
Southern Asphalt Paving Co.	250	100.00	245	1,020.00	. . . .	249,900.00
Alcatraz Paving Co.	1,000	50.00	995	500.00	. . . .	497,500.00
Alcatraz Asphalt Paving Co.	1,000	100.00	995	150.00	. . . .	149,250.00
Warren-Scharf Asphalt Paving Co.	9,500	100.00	9,493	240.70	5,618.42	2,278,320.00
Utica Paving Co.	250	100.00	245	510.21	. . . .	125,001.45
Denver Paving Co.	35,000	1.00	34,950	5.714	. . . .	199,714.09
Southwestern Alcatraz Asphalt & Construction Co.	2,000	100.00	1,995	64.16	. . . .	127,999.20
Alcatraz Construction Co.	1,300	100.00	1,495	104.31	. . . .	155,943.45

There were also certain other purchases made from other parties, the cost of these to the Asphalt Company of America in cash and the number of shares acquired being as follows, viz. :—

Western Paving & Supply Co. of Wisconsin	600	$100.00	463	164.047	$75,950.00	
Western Paving & Supply Co. of Illinois	1,000	100.00	1,000		164,050.00	
Richardson & Ross Asphalt Paving Co.	2,000	100.00	2,000	189.313	378,627.30	
Pittsburgh Asphalt Paving Co.	2,750	100.00	2,700	189.776	512,396.87	
New Jersey Asphalt Co.	179	100.00	132	79.620	10,509.89	
Grant Paving Co.	750	100.00	555	93.525	51,906.28	
Franklin Oil Co.	250	100.00	174	79.806	13,886.22	
American Oil & Asphalt Co.	5,000	100.00	5,000	6.116	30,581.74	
Bermudez Asphalt Paving Co.	500	100.00	500	227.	113,500.00	
Indiana Bermudez Asphalt Co.	480	50.00	480	125.	60,000.00	
Central Bermudez Co.	480	50.00	480	178.735	85,792.97	

Later it was decided to merge these 11 Companies into a holding Company organized for that purpose, to wit :—

Consolidated Paving Co. (Par, $100.00—$1,300,000.00)	2,798.73		
		$1,509,862.74	$29,900,928.19
			1,509,862.74
			$31,410,790.93

Note.—$148,000 of the bonds issued in payment for these properties appear to have been subsequently returned to the Asphalt Company of America, but on account of what purchase The Audit Company of New York has been unable to ascertain. Your Committee is informed, however, that these bonds were issued in the expectation of acquiring another property, but that the transaction fell through and the bonds were returned.

It would further appear that 105,875.00

was credited to Profit and Loss Account in the Year 1900, by the Asphalt Company of America on account of the return of these bonds, but this item was not allowed by the Audit Company of New York in the adjustment of profits for that year, being considered as a reduction in the cost of the properties, making the

total cost of properties so acquired in cash and bonds $31,304,915.93

Note.—The Consolidated Paving Company appears to have subsequently acquired 50 shares more of the Pittsburgh Asphalt Paving Company stock for $9,465.69, thus acquiring the entire capital issue of the Pittsburgh Asphalt Paving Company.

The thirteen (13) Companies above enumerated may be divided into Groups as follows:—

	Cost in Cash.	Cost in Certificates.
Barber Asphalt Paving Company	. . . .	$11,697,900 00
New Trinidad Lake Asphalt Co., Lim.,	$1,244 32	4,935,000 00
Alcatraz Company of West Virginia and affiliated companies	. . . .	7,299,708 19
Warren-Scharf Asphalt Paving Co.,	5,618 42	2,278,320 00
United Asphalt Company	. . . .	3,670,000 00

And their relations with each other and with the Asphalt Company of America and the National Asphalt Company are best explained by the accompanying chart and memorandum, by which it will be noted that there are in all 70 Companies which the National Asphalt Company is now in control of or interested in, divided into holding or proprietary companies, supply companies (active), supply companies (inactive), paving companies (active), paving companies (inactive), office companies, and miscellaneous companies.

The following particulars with reference to each member of this Group serve to throw light upon them:—

Barber Asphalt Paving Company.

Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Certificates.
39,000	$100	38,993	$300	$11,697,900

Accompanying the agreement of the purchase and sale of these shares there was a stipulation which reads as follows, viz:—

"In addition to the purchase price to be paid in Collateral "Gold Certificates the privilege is to be secured to each of us "to purchase stock of the Asphalt Company of America "without premium at par to the amount of 50 per cent. of "the par value of the stock deposited by each of us. If the "privilege is exercised 10 per cent. or $5 per share is to be "paid on 15 days' notice. The privilege to purchase shares "is to be forfeited if not exercised on or before the first day "of August, 1899. It is agreed that all the shares of stock "to be issued by the Asphalt Company of America shall be "issued at par to subscribers to said shares, and 10 per cent.

"called and paid thereon in cash and that all shares shall be sub-
"ject to further call until the par thereof has been paid in full."

This Company is probably the keystone of the structure. It was in control of or largely interested in 16 sub-companies, and was doing business directly and through its sub-companies in various parts of the United States and South America. The shares were closely held in comparatively few hands, sales of them were infrequent, and generally a matter of private negotiation. Interested parties claim, in their statements before the Committee, that sales had been made at various prices within a year before its acquisition at from $225 to $300. The Committee is advised that in January, 1899, 30 shares of this stock were sold in Philadelphia at $100 per share.

According to its own official statement, cash dividends were paid in 1896, 1897, and 1898, respectively:—

$391,340.00 $391,340.00 $234,804.00

and there was carried to surplus account in 1896 and 1897, respectively:—

$100,179.51 $63,685.77

(After the payment of dividends in 1898 there was charged to Surplus Account, $9861.31.)

According to its own figures its profits for the years 1899 and 1900 were, respectively:—

$474,600.98 $725,172.81

and in these years it claims to have paid cash dividends of—

$390,000.00 $702,000.00

No official figures were published by it for the year 1901.

As to the dividend of 1900, however, The Audit Company New York reports as follows:—

"The dividend paid by the Barber Asphalt Paving Com-
"pany to the Asphalt Company of America for the Year
"1900, was $702,000. Of this amount, however, only a por-
"tion was paid in cash, the balance being in notes of the
"Barber Asphalt Paving Company and notes of the Asphalt

"Company of America, assumed by the Barber Asphalt Paving Company."

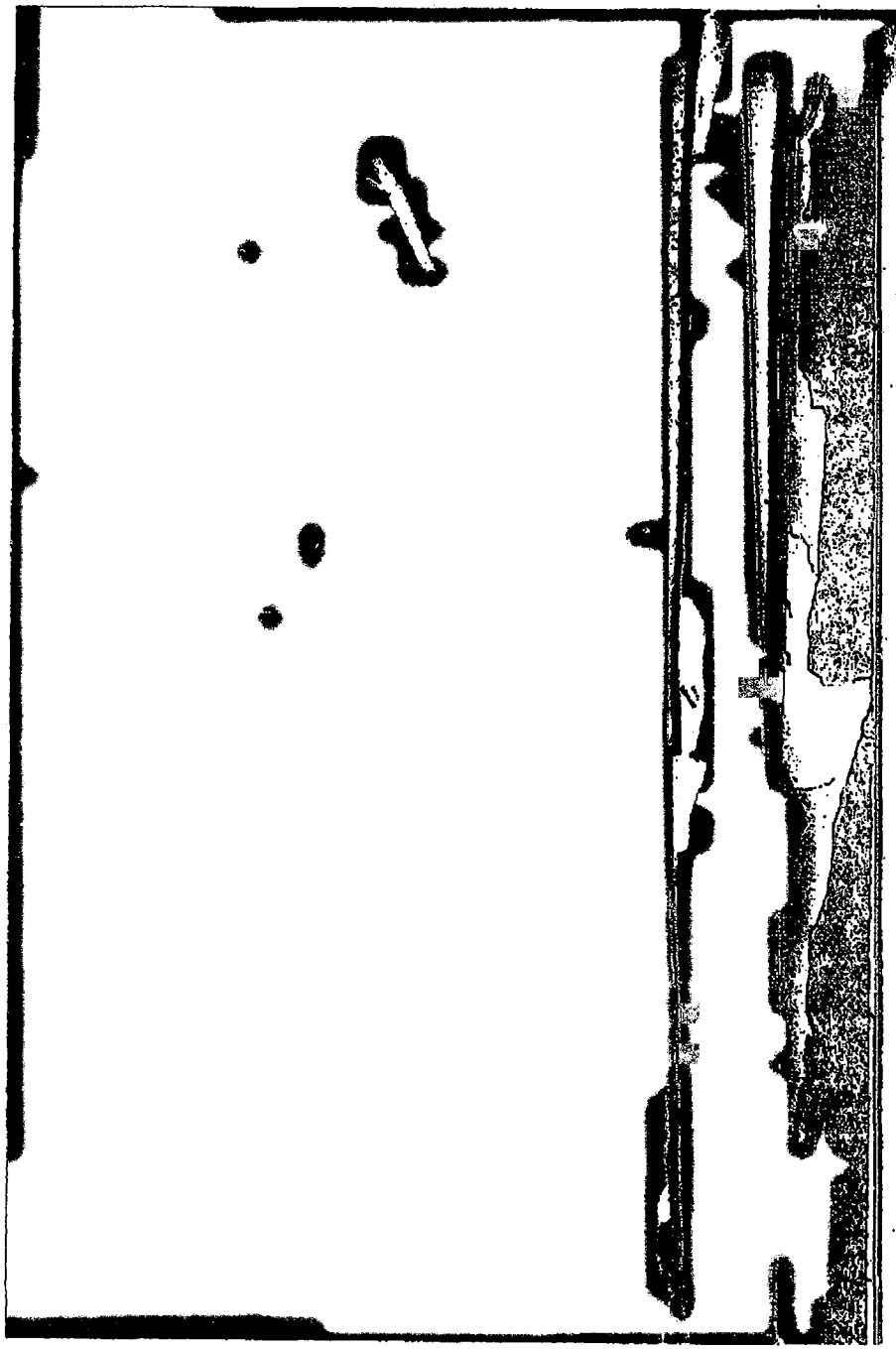
With this explanation it should be said that all dividends declared and paid in 1899 and 1900 reached the treasury of the Asphalt Company of America with the exception of $97,500 paid prior to its acquisition by the Asphalt Company of America, and dividend on 7 shares not acquired, $52.50.

Its profits for the years 1899, 1900, and 1901, as determined by The Audit Company of New York, were, respectively:—

$35,715.38 $245,341.57 $506,358.22

The discrepancy between the earnings, as stated by the Company itself and The Audit Company of New York, is due largely to a difference in the amount set aside in respect of reserve for the yardage of asphalt paving laid under a maintenance guarantee for a term of years, hereinafter referred to, while again the examination of The Audit Company of New York discloses the fact that the losses sustained by the National Contracting Company in the years 1899 and 1900, which were, respectively, $126,939.37 and $223,654.66, do not appear to have been considered by the Barber Company in their accounts for the years 1899 and 1900. While it should be stated that these losses of the National Contracting Company were in no way made in or connected with the asphalt business, but in general contracting, these charges to profit and loss should certainly have been made, as the Barber Company owned the entire capital stock of the National Contracting Company, and any profit or loss through this ownership should appear in the Barber Asphalt Paving Company's books.

In the Year 1901 the National Contracting Company made a further loss, as determined by The Audit Company of New York, of $235,717.48, and this has been duly considered and charged up to the Barber Company in estimating the result of the Barber Asphalt Paving Company's profits for the year 1901, above referred to as $506,358.22.



The largest stockholders in the Barber Company who signed the offer to sell their shares to the Asphalt Company of America were as follows, viz :—

Names.	Shares.
Amzi L. Barber	6000
E. Burgess Warren	5164
John J. Albright	2613
George W. Elkins	1831
William L. Elkins	500
Geo. D. Widener	1091
P. A. B. Widener	455
Edmund Hayes	1264
L. S. Filbert	1200
Francis V. Greene	900
Delos Wickham	800
Charles A. Porter	681
R. R. Hefford	600
Michael Ehret	550
Samuel T. Davis, Jr.	510

The New Trinidad Lake Asphalt Company, Limited.

Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Cash.	Cost in Certificates.
50,000	$48.50	49,550	$100	....	$4,955,000
		50	$4.886	$4,244.32	

As in the case of the Barber Asphalt Paving Company, the Trinidad shareholders were given the right to purchase shares of the Asphalt Company of America at par to the extent of fifty per cent. of their holding in Trinidad stock surrendered.

This corporation owns the concession to the great pitch lake in Trinidad, which expires in 1930, and also in fee simple certain large tracts of land surrounding the lake and holding the pitch overflow therefrom. The profits of The New Trinidad Lake Asphalt Company from *its Trinidad business*, as determined by The Audit Company of New York, are, viz.:—

For the Year 1900	$138,441.75
For the Year 1901	171,533.33
Total	$309,975.08

This Company also holds, in addition to other properties, nearly all the capital stock of the New York and Bermudez Company, the owner of the great Bermudez pitch lake in Venezuela, which is more than 1000 acres in extent and is stated to be the largest asphalt deposit in the World, the asphalt containing a larger percentage of Bitumen than Trinidad Lake Asphalt. This Venezuelan deposit is of great value, but its title is now in dispute and the subject of litigation at the instance of certain rival interests.

It is believed by those who have followed the course of the litigation that the Company's title to this deposit is clear and can be successfully maintained. The maintenance of these rights, however, has been most costly, involving an expense in the two years, 1900 and 1901, of $417,897.81. The amount at stake would seem to justify this expense, though the question is still undetermined.

After deducting the whole of the expense noted above, the operations of its sub-companies, *including the New York and Bermudez Company*, show a profit in the Year 1900 of $1895.67, a loss in the Year 1901 of $231,993.55, being a loss for the two years of $230,097.88, making the earnings of the Trinidad property as determined by The Audit Company of New York as follows, viz.:—

Profit for the Year 1900	$140,337.42
Loss for the Year 1901	60,460.22
A profit for the two years of	$79,877.20

Should the result of this litigation prove favorable there is good reason to believe that the profits of the New York and Bermudez Company would wipe out the above expenditure in a reasonable time, and in such event such expenditure should not be properly chargeable against a single year's revenue of The New Trinidad Lake Asphalt Company, but should be distributed over a term of years of the revenues of

the New York and Bermudez Company, or perhaps be chargeable against the capital account of the latter Company.

It should be noted that this Company and the Barber Asphalt Paving Company are both interested in the stock of the South American Trinidad Asphalt Paving Company and in the stock of the Trinidad Asphalt Refining Company. The majority of the stock of the South American Trinidad Asphalt Paving Company was not acquired until 1901, in which year the Company shows a profit of..... $56,153.96

The Trinidad Asphalt Refining Company for the year 1900 shows a profit of.....$16,400.35

And in the year 1901 a loss of..... 328.64 16,071.71

Combined profit two Companies $72,225.67

Properly speaking, this profit should have been apportioned between the New Trinidad Company and the Barber Asphalt Paving Company in respect of their several holdings, but the profit has all been credited to the Barber Asphalt Paving Company.

The largest stockholders in this Company who signed the offer to sell their shares to the Asphalt Company of America were, viz.:—

Names.	Shares
E. Burgess Warren	5,060
Amzi L. Barber	4,600
J. J. Albright	3,260
Edmund Hayes	2,340
Francis V. Greene	2,000
George W. Elkins	1,850
William L. Elkins	293
George D. Widener	1,480
P. A. B. Widener	283
Thomas H. Thomas	1,821
W. H. Thomas	699
C. K. Robinson	1,100
D. O. Wickham	908
R. R. Hefford	490
John M. Mack	308

The Alcatraz Company of West Virginia and Affiliated Companies.

The main property in this Group is:

THE ALCATRAZ COMPANY OF WEST VIRGINIA.

Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Certificates.
800,000	$5	799,900	$6	$4,799,400

The privilege to purchase Asphalt Company of America stock without premium at par was given the Alcatraz Company of West Virginia stockholders to the amount of 200 per cent. of the par value of the stock deposited by each of them.

This Company owns large deposits of bituminous sandstone at Sisquoc, California, and other smaller deposits, where costly and elaborate works had been constructed.

The Committee is without any figures as to the earnings of this property or the market price of its shares prior to its sale to the Asphalt Company of America; but that it was an active and dangerous competitor in the asphalt business is admitted.

Whatever may be the facts connected with its purchase, the cost of production in 1900, combined with the rates of transportation obtainable, made the operations so costly that they were discontinued and the plant to-day involves the Asphalt Company of America in an annual cost of about $5000 for maintenance, in addition to an annual charge of $24,000 interest on its bonds.

The Committee is informed that since the acquisition of this property the cost of so-called oil asphaltum, refined from the heavy California oils has been largely decreased, owing to the drop in the price of crude oil, and that this product is now sold as a substitute, believed to be inferior in quality, at a price at which the Alcatraz product could not possibly compete. Practically all the stock of this Company was held by William H. Crocker.

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NOTE.

The names of stockholders on page 10 are those of the New Trinidad Company.

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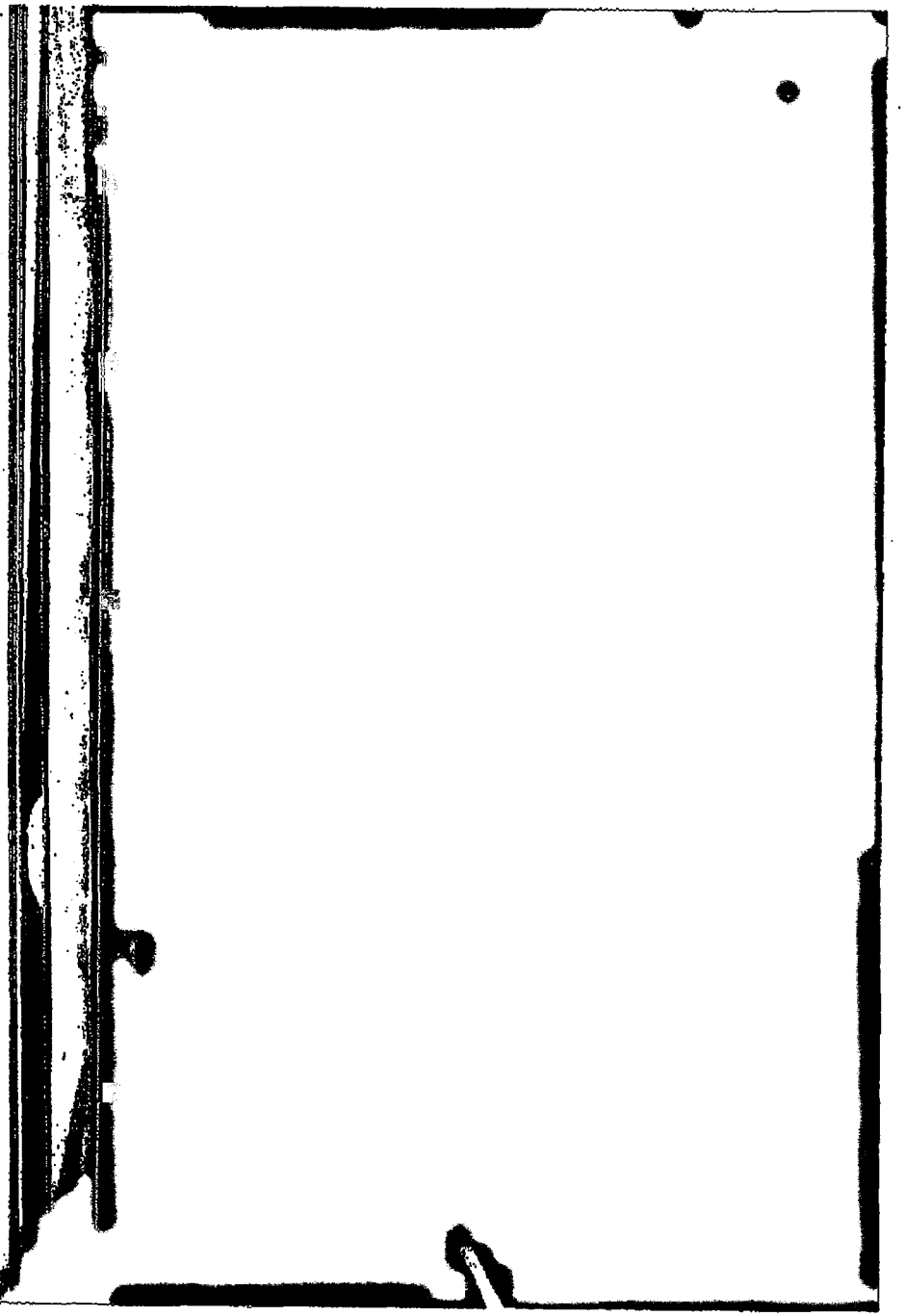


Connected with the Alcatraz Company of West Virginia were eight compani organized throughout the country, which were at the time using its product. T acquisition of the Alcatraz Company of West Virginia would appear to have be made contingent upon obtaining control of these properties. These were:—

Company.	Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Certificate
Alcatraz Construction Co.	1,500	$100.00	1,495	$104.31	$155,94
Alcatraz Asphalt Paving Co.*	1,000	100.00	995	150.00	149,25
Southern Asphalt Paving Co.	250	100.00	245	1,020.00	249,90
Southwestern Alcatraz Asphalt & Construction Co.	2,000	100.00	1,995	64.16	127,99
Utica Paving Company	250	100.00	245	510.21	125,00
Denver Paving Company	35,000	1.00	34,950	5.714	199,74
The Atlantic Alcatraz Asphalt Co.†	1,000	100.00	995	1,000.00	995,00
The Alcatraz Paving Co. of Pennsylvania,‡	1,000	50.00	995	500.00	497,50

*The shareholders of this Company were given the right to purchase shares of the Asphalt Co. of America, par, to the extent of 50 per cent. of their holding surrendered.

† The shareholders of this Company were given the right to purchase shares of the Asphalt Company of Ameri without premium at par to the amount of $1000 for each share of stock deposited.

‡ The shareholders of this Company were given the right to purchase shares of the Asphalt Company of Ameri without premium at par to the amount of 200 per cent. of the par value of their holding surrendered.

The names and holdings of those who signed the offers to sell their stock to th Asphalt Company of America were in each case as follows, viz.:—

Company.	Names.	Shares.
Alcatraz Construction Co.	Willard T. Barton	1,495
Alcatraz Asphalt Paving Co.	J. A. Fairchild	249.5
	E. W. Gilmore	249.5
	W. N. Cowles, per W. T. Barton	496
		995
Southern Asphalt Paving Co.	David E. Evans	50
	Josiah L. Blackwell	50
	Henry B. Keyser	50
	Arthur L. Shreve	50
	Ed. M. Rich	45
		245
Southwestern Alcatraz Asphalt & Construction Co.,	Harry C. Spinks	1,995

Company.	Names.	Shares.
...rica Paving Co.	Henry W. Millar	36
	Charles I. Williams	67
	Richard Richards	60
	Fred. W. Sessions	15
	John Carney	15
	D. Clinton Murray, by his Attorney in fact Henry W. Millar	1
	John A. Lowery, by his Attorney in fact Henry W. Millar	20
	John L. Murray, by his Attorney in fact Henry W. Millar	30
	Myron W. VanAuken, by his Attorney in fact Henry W. Millar	7
		245
Denver Paving Co.	Wm. H. Crocker, by W. N. Cowles, Attorney,	6,769
	Wm. N. Cowles	21,956
		28,725
The Atlantic Alcatraz Asphalt Co.	John D. Crimmins, Jr.	355
	Henry B. Twole	40
	Willard T. Barton	80
	John D. Crimmins	200
	William J. Latta	80
	Willard T. Barton	160
	B. M. Shanley	45
	James H. Covode	30
		990
The Alcatraz Paving Co. of Pennsylvania	William J. Latta	305
	Thos. J. Budd	100
	Lizzie P. Sharp	200
	Willard T. Barton	390
		995

Without specifying in detail the earnings of each Company, it will suffice to state the results for the Years 1900 and 1901, as determined by The Audit Company of New York, for the Group of nine (9) Alcatraz Companies, which was a loss of—

In the Year 1900	$190,313 33
In the Year 1901	142,755 03
In other words, stocks of a par value of $4,681,200, costing in Asphalt Company of America Certificates $7,299,708.19, not only yielded nothing in these two years, but entailed an actual loss of	$333,068,36

While it is quite possible that some of these properties may have had a value and that it was highly desirable to eliminate them as competitors, nothing would seem to justify such an expenditure of money. No investigation as to the value of these properties seems to have been made; to quote *verbatim* from The Audit Company of New York report dealing with them as a Group:—

"As no provision had been made to take care of the con-
"tracts for repairing and maintaining streets paved under
"guarantee by any of the Companies, most of the Companies
"when their true liabilities were disclosed appear to have
"had current liabilities in excess of current assets and to
"have been conducting a losing business."

(It should be stated here that the American Oil and Asphalt Company, which is one of the subsiduary companies of the Consolidated Paving Company, was operated in the Alcatraz Group, and for that reason the Audit Company of New York has included it in the operations of the various Alcatraz Companies, it being a matter of great difficulty, if not impossible, to separate the accounts. It is not believed, however, that this will materially affect the result.)

Warren-Scharf Asphalt Paving Company.

Total No. of Shares.	Par Value.	Shares Purchased.	Price Paid.	Cost in Cash.	Cost in Certificates.
9,500	$100	9,493	$240	$5,618 42	$2,278,320

Prior to the formation of the Asphalt Company of America this Company was probably second only to the Barber Asphalt Paving Company. It had numerous agencies scattered over the Country, as a rule in cities where the Barber Asphalt Paving Company was not operating. It is stated that it had a contract with the New Trinidad Lake Asphalt Company on favorable terms for the entire term of the concession; that it was paying dividends at the rate of eight per cent. per annum prior to the consolidation, and that the stock had sold at $150 per share. It appears to have been acquired at a cost of $1,740,000 in cash and notes, by a group or syndicate represented by Messrs. Amzi L. Barber, Francis V. Greene, George W. Elkins; that these gentlemen then purchased from the Warren-Scharf Asphalt Paving Company the stock of the Warren Chemical Company (the whole of which was owned by the Warren-Scharf Company) giving their note for $250,000, payable in one year; and on the same date the Warren Chemical Company appears to have sold to the Warren-Scharf Asphalt Paving Company its supply contract with the Trinidad Asphalt Company for $200,000
and its Long Island City plant for..... 50,000
$250,000

And again on the same date the Warren Chemical Company, or the syndicate referred to, Messrs. Barber, Greene & Elkins, made an assignment of all the other assets of the Warren Chemical Company to the Barrett Manufacturing Company for $240,000, which sum was applied in part payment of the Warren-Scharf Asphalt Paving Company stock. Denuded of this asset the Warren-Scharf Asphalt Paving Company was then turned over to the Asphalt Company of America for $2,278,320 in 5 per cent Certificates and $5,618.42 in cash.

Some of the parties interested in the purchase and subsequent sale of the Warren-Scharf Asphalt Paving Company have appeared before the Committee, and in explanation of this transaction have stated that the original vendors were offered the opportunity of taking their pay in the Asphalt Company of America Certificates or the equivalent at a price, in properly secured notes or cash, that the vendors elected to take the cash, and the syndicate then underwrote the bonds and acquired them at the price at which the vendors had refused them. The syndicate who acquired from the original owners also stipulated that they should have the privilege to purchase stock of the Asphalt Company of America at par to the amount of 50 per cent. of the par value of the Warren-Scharf Asphalt Paving Company stock deposited by each of them.

The operations of the Warren-Scharf Asphalt Paving Company for the Years 1900 and 1901, according to The Audit Company of New York report, were merged in those of the Barber Asphalt Paving Company. Practically, therefore, we may assume that this investment for these years yielded nothing as affecting the general result; its earnings, if any, going into those of other companies.

UNITED ASPHALT COMPANY.

TOTAL NO. OF SHARES.	PAR VALUE.	SHARES PURCHASED.	PRICE PAID.	COST IN CERTIFICATES.
40,000	$100	39,975	$91.808	$3,670,000

This Company owns the entire Capital Stock of the

Columbia Construction Company of New York;

The Trinidad Bituminous Asphalt Company of New Jersey;

The Standard Asphalt Company of New Jersey;

The Rock Creek Natural Asphalt Company of Kansas.

Seven hundred and fifty shares of the Standard Asphalt Company of New Jersey, out of a total of 1000 shares, do not appear to be in the possession of the United Asphalt Company, but are held as security for a note for $143,803.12, given by Gen. Frances V. Greene and in the possession of the Knickerbocker Trust Company of New York. The note matures May 31st, 1904, and bears interest at the rate of five per cent. per annum. Should it become necessary to assume the payment of this note to recover possession of the pledge, the cost of the United Asphalt Company will be increased by a like amount. It is understood, however, that in the adjustment of the accounts of the Barber Asphalt Paving Company by The Audit Company of New York this amount has been treated as a liability due by the Barber Asphalt Paving Company.

From information furnished the Committee, which may or may not be reliable, it is led to believe that the share capital of these various sub-companies was acquired by certain parties for a sum approximating $650,000. The United Asphalt Company was then organized as a holding Company, and 39,975 shares, of which Messrs. Amzi L. Barber, Francis V. Greene, George W. Elkins were the ostensible owners in equal amounts, were sold to the Asphalt Company of America at the price stated above. If this belief as to the cost of them is well founded, it results that for the expenditure of about $650,000 the parties in interest acquired $3,670,000 in Asphalt Company of America Certificates. Comment on this would seem to be unnecessary, save that, in this connection, the following should be said :—

In their offer to sell to the Asphalt Company of America, the vendors stated, viz. :—

" We will agree in further consideration of the payment to us of the Collateral Certificates aforesaid to enter into a " written guarantee with your Company (A. C. of A.) if it " should secure subscriptions for its entire capital stock of

"600,000 shares, guaranteeing the payment to it when de-
"manded in cash of the 1st instalment, viz., $5 on each share
"of the said capital stock of 600,000 shares, thus insuring the
"payment into your Treasury of a fund of $3,000,000 as a
"working capital, with which your Company will commence
"business. It is further a part of our proposal that the priv-
"ilege be secured to each of us, to be exercised by us re-
"spectively, on or before the 25th day of July, 1899, to
"purchase shares of stock of the Asphalt Co. of America
"at par, equal in amount to one-half of the par value of the
"United Asphalt Company shares sold by each of us, paying
"$5 on each share we shall elect to take when demanded.
"The shares to remain liable to further call until the par
"value thereof shall be paid in full."

It will be noted by this language that the same thing is in one place termed a "consideration" for the payment to the vendors, and in another place a "privilege" reserved by them. As a matter of fact, it appears from the records that the agreement to guarantee the first payment of $5 per share was actually performed and the cash furnished on July 26th, 1899.

The profits of the United Asphalt Company for the two years 1900 and 1901 are stated respectively as, viz.:—

Profit, 1900	$13,671.25
Profit, 1901	30,247.84
Total profits for the two years	$43,919.09

subject, however, to an adjustment which may add about $1600 to this sum.

It may be stated here that while in a number of instances the vendors of these several properties constituting the groups herein dealt with were accorded the right to purchase Asphalt Company of America shares $5 paid for $5, it would appear as though these rights were in some instances waived, and the allotment of the stock subscribed for through Messrs. Flanagan & Richardson appears to have been in a measure at least

an arbitrary one. The shares immediately after issue and possibly even prior thereto were in much demand and selling at a large premium. (The first dealings of record on the Philadelphia Stock Exchange in Asphalt Company of America stock ($5 paid) were on August 4th, 1899, at $14 and $13.⅞ per share.)

As already stated, the foregoing stocks have all been deposited with the Land Title and Trust Company of Philadelphia, as Trustee, under an agreement dated July 15th, 1899, as security for the issue of approximately $30,000,000 Gold Certificates.

As to the other Companies acquired by the Asphalt Company of America we submit the following, viz.:—

Name of Company.	Total No. of Shares.	Par Value.	Shares Owned.
Consolidated Paving Company	15,000	$100	15,000

This is a holding company owning certain shares in eleven (11) companies (see page 4) acquired at a cost in cash of.....$1,497,201.27
which with..... 2,798.73

paid into the Treasury makes the capital $1,500,000.00

Of the eleven companies referred to, the operations of the American Oil and Asphalt Company for the years 1900 and 1901 were lumped with those of the Alcatraz Group. Any profit or loss made therefrom is therefore included in the operations of that Group.

The operations of the Bermudez Asphalt Company, of the Central Bermudez Company, of the Indiana Bermudez Company, and of the Western Paving and Supply Company of Illinois, for the year 1901 are included in the accounts of other companies. With these omissions the results of these companies for the years 1900 and 1901 are as follows, viz.:—

Loss, 1900	$37,244.60
Loss, 1901	8,617.70
Loss for the two years	$45,862.30

While the stocks held by the Consolidated Paving Company are spoken of as acquired for cash, payment for certain of these shares was made in Asphalt Company of America Five Per Cent. Certificates of Indebtedness, which latter were bought in the market at an average price of about ninety, and the cost of the several properties so purchased is determined in cash by the cost of the bonds used in effecting such purchase.

While at least one of these properties, and possibly more, had value; taken as a whole, the group acquired at a cost of $1,500,000 has apparently produced nothing in the way of profits and entailed a loss for the two years of 1900 and 1901 of $45,852.30.

The several properties appeared to have been acquired as follows, viz.:—

Western Paving and Supply Company of Illinois.

Western Paving and Supply Company of Wisconsin.
Purchased through John Lindley, and, we are informed, of Volney W. Foster, of Chicago.

Pittsburgh Asphalt Paving Company.
1250 shares purchased of William Flinn.
1250 shares purchased of J. H. White.
245 shares purchased of W. N. Cowles.

Richardson & Ross Asphalt Paving Company.
1995 shares purchased of David H. Ross.

Bermudez Asphalt Paving Company.

Indiana Bermudez Asphalt Company.

Central Bermudez Company.
All secured by H. J. McGowan from a number of different persons in Chicago and Indianapolis.

American Oil and Asphalt Company.

Franklin Oil Company.

Grant Paving Company.

New Jersey Asphalt Company.
All purchased through F. V. Greene from a number of different persons in Omaha, Neb., Newark, N. J., and California.

We have now discussed, at more or less length, all the stocks acquired by the Asphalt Company of America before it was taken over by the National Asphalt Company. It would appear as though in certain cases purchases involving many millions had been made, at extravagant prices, with a most inadequate return, and in other cases with no return—on the contrary, a loss. Apparently the management of the Asphalt Company of America aimed at removing all competitors from the field almost regardless of cost, and yet after the expenditure of these enormous sums they had failed to attain their object.

Of the properties acquired, or rather combined, the Alcatraz Company of West Virginia and Affiliated Companies, the Barber Asphalt Paving Company, the New Trinidad Lake Asphalt Company, Limited, the Warren-Scharf Asphalt Paving Company, and the United Asphalt Company were taken over at about the same time in July or August, 1899, and the prices at which these various properties were combined would seem to imply that the question of actual value was a matter of less consideration than that of relative value, the vendors in each case receiving their pay in the Certificates of Indebtedness of the Asphalt Company of America, in most cases reserving the privilege of purchasing shares of the Company $5 paid for $5.

The Committee is also informed by The Audit Company of New York that in the case of certain companies hereinbefore referred to, both in the Alcatraz Group and the Consolidated Paving Company, while the entity of the Companies is preserved the Barber Asphalt Paving Company virtually assumed and took over current business. In some cases this may have entailed a loss and in others a profit to the Barber Asphalt Paving Company, but does not affect the general result of the whole business of the Asphalt Company of America, the profit or loss which would otherwise have appeared under the proper heading being embraced under that of the Barber Asphalt Paving Company.

The National Asphalt Company was incorporated under the laws of the State of New Jersey, May 3d, 1900, and for the purpose of effecting a merger with the Asphalt Company of America its Charter was amended August 15th, 1900.

Its Officers and Directors since incorporation are as follows, viz. :—

WENDELL P. RICE, President and Director	May 3d, 1900, to Aug. 29th, 1900.
JAMES MURRAY MITCHELL, Secretary and Director,	" "
PERCY H. BRUNDAGE, Treasurer and Director	" "
GEORGE B. HANFORD, Vice Prest. and Director	" "
ANSEL L. WHITE, Director	" "
AMZI L. BARBER, President and Director	Aug. 29th, 1900, to Jan. 3d, 1901.
JOHN M. MACK, 1st Vice Prest. and Director	"
AVERY D. ANDREWS, 2d Vice Prest. and Director and General Counsel	"
ARTHUR W. SEWALL, Secretary, Treasurer, and Director	"
R. J. WORTENDYKE, Director	"
CLYDE BROWN, 3d Vice Prest. and Director	Oct. 18th, 1900, to Jan. 3d, 1901.
FRANCIS V. GREENE, President and Director	January 3d, 1901.
P. A. B. WIDENER, Director	"
WILLIAM L. ELKINS, Director	"
AUGUST BELMONT, Director	"
CHARLES B. ALEXANDER, Director	"
GEORGE W. ELKINS, Director	"
GEORGE D. WIDENER, Director	"
ELLIS WAINWRIGHT, Director	"
ROBERT FORDERER, Director	"
JOSEPH P. MACK, Director	"

EXECUTIVE COMMITTEE.

February 7th, 1901.

FRANCIS V. GREENE,	GEORGE D. WIDENER,	AVERY D. ANDREWS,
JOHN M. MACK,	GEORGE W. ELKINS,	ARTHUR W. SEWALL.

Under date of September 13th, 1900, the National Asphalt Company issued a circular addressed to the stockholders of the Asphalt Company of America, signed by Amzi L. Barber, President, and Arthur W. Sewall, Treasurer. This circular states, *inter alia*, that resolutions had been duly adopted by the Directors and Stockholders of that Company (National

Asphalt Company) providing for the acquisition of the shares of the Asphalt Company of America upon the following basis, viz. :—

Each share of stock of the Asphalt Company of America, par value of $50, upon which $10 has been paid, will receive in exchange therefor the following securities of the National Asphalt Company, viz. :—

$10 in 5 per cent. Collateral Gold Certificates.
7. in 6 per cent. full-paid and non-assessable cumulative preferred stock.
10 in full-paid and non-assessable common stock.

The Capitalization and Debt of the Company are detailed in the circular which states that all the Collateral Gold Certificates of the National Asphalt Company, amounting to $6,000,000, and 84,000 shares of its preferred stock, par value $4,200,000, and 120,000 shares of its common stock, par value $6,000,000, have been set aside by the National Asphalt Company for the acquisition of the shares of the Asphalt Company of America on the above basis. That 45,000 shares of preferred stock, par value $2,250,000, and 18,000 shares of common stock, par value $900,000, will be retained in the Treasury of the National Asphalt Company * * * and the remainder, amounting to 71,000 shares of preferred stock and 102,000 shares of common stock, will be issued for the acquisition of properties, which are then mentioned.

Under the circular, the National Asphalt Company expressly assumed and guaranteed to pay all the obligations of the Asphalt Company of America, including its $30,000,000 Collateral 5 per cent. Gold Certificates. The circular states that the Sinking Fund of the Asphalt Company of America will be increased to $300,000 per annum, and the entire paid-in capital of the company resulting from assessments heretofore made, amounting to $6,000,000, will be set aside as additional security for its Collateral Gold Certificates. The annual income of this Fund up to $300,000 will be applied to

the Sinking Fund. Said Fund of $6,000,000, or the investment thereof, will be deposited with the Land Title and Trust Company of Philadelphia, as Trustee, upon terms to be arranged with that Company, which will permit the investment and reinvestment thereof, from time to time, under the direction of the Board of Directors of the Asphalt Company of America; and under whose direction will be secured the loaning of one-half thereof, from time to time, to the various companies with which it is affiliated, as shall be directed by said Board.

This Trust Fund will be applicable to the semi-annual payments on the Collateral Gold Certificates in case the revenues of the Company shall, at any time, be insufficient to meet such payments. The National Asphalt Company will agree to make good any moneys so drawn from the Trust Fund out of its first earnings, so that the Fund will at all times be kept intact and at the full amount of $6,000,000.

This proposition appears to have been accepted by the holders of 598,842 (or 598,852) shares of the Asphalt Company of America. Among these holders the following were at the time Directors of the Asphalt Company of America, viz.:—

Sidney F. Tyler,	George D. Widener,	George W. Elkins,
Richard Stockton,	Wm. H. Crocker,	William J. Latta.

These gentlemen were also at the time large holders of the Asphalt Company of America Certificates, with perhaps one exception.

To the Asphalt Company of America stockholders were issued National Asphalt Company common and preferred shares and National Asphalt Company 5 per cent. Trust Certificates on the terms mentioned in the circular; the National Asphalt Company 5 per cent. Trust Certificates being secured by the deposit of the shares of the Asphalt Company of America under an agreement with the Equitable Trust Company, dated September 12th, 1900. On December 31st, 1900,

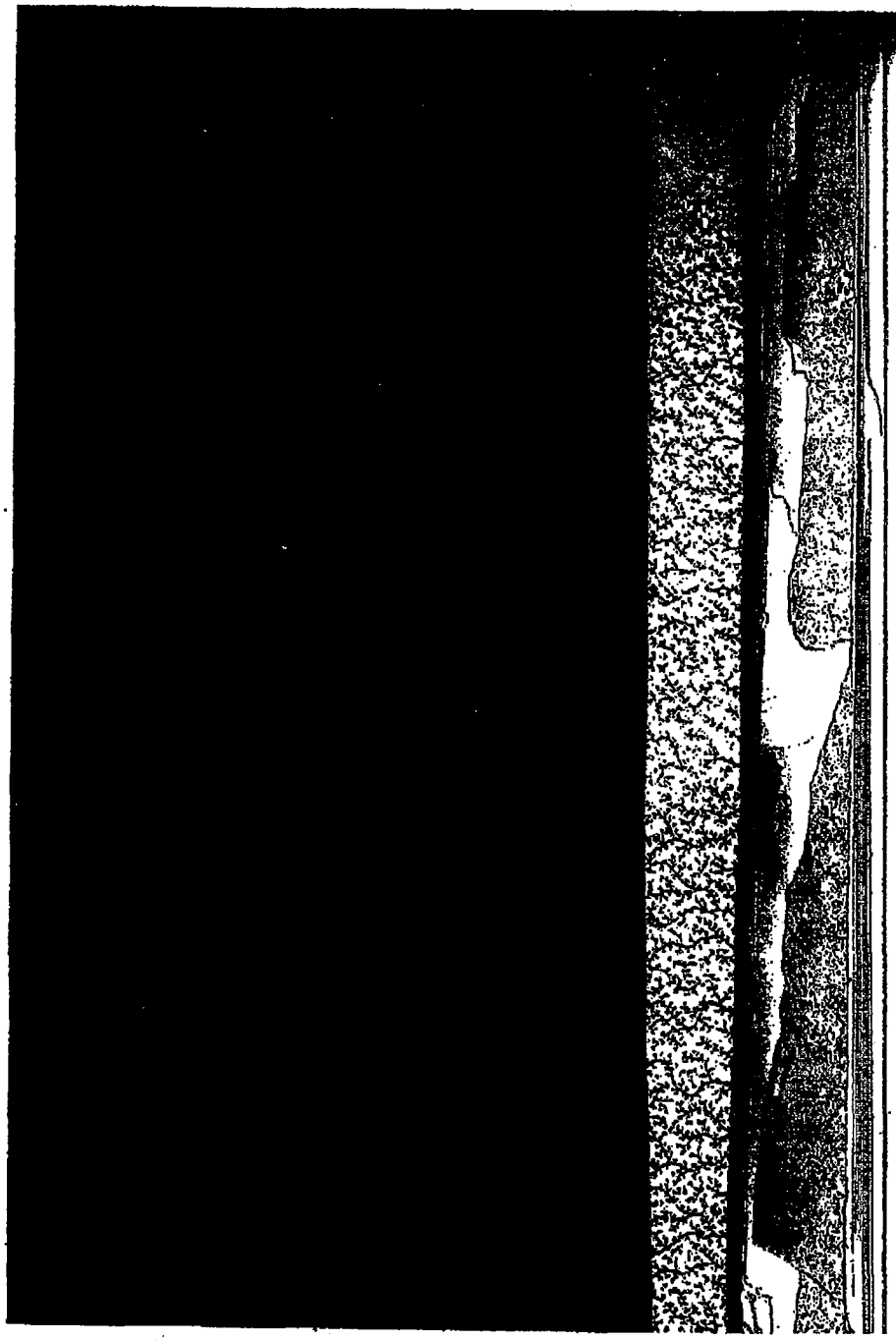
an agreement was executed by and between the Asphalt Company of America and the National Asphalt Company and The Land Title and Trust Company of Philadelphia, in accordance with the terms of the circular aforesaid, under which the National Asphalt Company assumed all the obligations of the Asphalt Company of America as recited in the agreement of July 15th, 1899, with the increased Sinking Fund clause and the additional pledge of the entire paid-in capital of the Asphalt Company of America, $6,000,000.

It would appear to your Committee that the combination or union between the Asphalt Company of America and the National Asphalt Company was due largely to the aggressive competition of Mr. John M. Mack and his associates, a competition which the Asphalt Company of America had been able neither to avoid nor successfully meet. After a number of conferences between parties representing the two companies they finally agreed that the National Asphalt Company should take over the Asphalt Company of America on the terms above recited.

As to the additional security offered the holders of the Collateral Gold Trust Certificates of the Asphalt Company of America by the increase in the Sinking Fund and the addition of the so-called $6,000,000 Fund or the investment thereof, of which full particulars are given in the supplemental agreement, it will suffice to say that the latter Fund was divided into two parts, termed respectively, an Investment Fund and a Loan Fund, each amounting to $3,000,000.

The Investment Fund consisted of—

$1,500,000 Consolidated Paving Company stock, to which full reference has already been made	$1,500,000	
132,900 First Mortgage Bonds of the Gilson Asphaltum Company	132,900	
398,000 Asphalt Company of America Collateral Gold Trust Certificates, bought at an average price of 72	286,560	
CASH	1,080,540	
		$3,000,000



The Loan Fund consisted of—

Promissory notes issued by subsidiary or affiliated companies of a face value of		$3,000,000
While it is true that these two funds, amounting to		$6,000,000

seemed to represent a cash outlay to that amount, the availability of the Fund was limited to the cash portion of it, to the Consolidated Paving Company stock, and to the Gilson Asphalt Company bonds. The investment in the Asphalt Company of America Certificates represented only a reduced liability, while any recourse upon the notes would simply have resulted in the reduction of the value of the shares originally pledged for the benefit of the Asphalt Company of America 5 per cent. Gold Trust Certificates, or responsible in the first instance for their payment.

As to the cash portion of the Fund		$1,080,540.00
The Land Title and Trust Company of Philadelphia appropriated under provision of the agreement in payment of the interest due April 1st and October 1st, 1901, on Asphalt Company of America 5 per cent. Gold Trust Certificates	$931,537.72	
And purchased on January 3d, 1901, under instructions from the Board of Directors of the Asphalt Company of America, $142,100 Gilson Asphaltum 5 per cent. Bonds at a cost of	142,100.00	
		1,073,637.72
Thus reducing the principal of the Fund in cash to		$6,902.28

As relating to the financial condition of the Asphalt Company of America at the time of the transfer of the stock of that Company to the National Asphalt Company, the Committee have secured from The Audit Company of New York the following Balance Sheet showing the *status* of the Company December 31st, 1900, when the agreement with the Land Title and Trust Company of Philadelphia was executed, viz.:—

THE ASPHALT COMPANY OF AMERICA.

COMBINED BALANCE SHEET AS OF DECEMBER 31ST, 1900.

Being a Consolidation of Balance Sheets of all Underlying Companies and including that of the Asphalt Company of America.

LIABILITIES.

CAPITAL STOCK:—		
Authorized 600,000 shares at $50 each	$30,000,000.00	
Issued 600,000 shares at $10 paid		$6,000,000.00
FIVE PER CENT. COLLATERAL GOLD CERTIFICATES:—		
Authorized	$30,000,000.00	
Issued	29,900,928.19	
Less redeemed	70,173.62	
		29,830,754.57
BONDS OF UNDERLYING COMPANIES.		
Barber Asphalt Paving Company	$1,000,000.00	
New Trinidad Lake Asphalt Company	1,850,275.00	
New York and Bermudez Company	250,000.00	
The Alcatraz Company	400,000.00	
	$3,500,275.00	
Less amount owned by the Asphalt Company of America	360,900.00	
		3,139,375.00
MORTGAGES:—		
Barber Asphalt Paving Company	$88,500.00	
Vulcanite Paving Company of Pennsylvania	25,500.00	
		114,000.00
RESERVE for Maintenance and Repairs (with Asphalt at $35 per ton)		3,521,966.68
SINKING FUND FOR RETIREMENT OF CERTIFICATES AND DEBENTURES:—		
Asphalt Company of America	$70,173.62	
New Trinidad Lake Asphalt Company, Limited,	89,725.00	
		159,898.62
ACCRUED INTEREST ON 5 PER CENT. GOLD CERTIFICATES		368,290.10
BILLS PAYABLE	$1,333,914.02	
ACCOUNTS PAYABLE	758,389.27	
		2,092,303.29
		$45,226,788.26

ASSETS.

Stocks and Bonds of Underlying Companies at cost to the Asphalt Company of America and the Underlying Companies	$39,342,720.66	
Less book value, as stated on the accounts of the Underlying Companies	21,783,930.00	
		$17,558,790.66
Asphalt Company of America stock at cost	$2,955.00	
Asphalt Company of America 5 per cent. Gold Certificates at cost	151,930.12	
National Asphalt Company stock at cost	2,193.80	
National Asphalt Company 5 per cent. Gold Certificates at cost	3,046.20	
		160,125.12
Concessions, Leaseholds, Goodwill &c., as per books		5,739,505.05
Real Estate—Book Value		5,227,480.27
Plant—Book Value		3,347,261.27
Stocks, Bonds, &c., of Outside Companies as per books		566,396.59
THE LAND TITLE AND TRUST COMPANY, TRUSTEE, INVESTMENT FUND:—		
Cash	$1,080,540.00	
Gilson Asphaltum Company of New Jersey, Bonds at cost	132,900.00	
Asphalt Company of America Gold Certificates at cost	286,560.00	
		$1,500,000.00
RETAINERS and DEFERRED payments at face value		2,956,944.93
Bonds, Warrants, Tax Liens, &c., at face value	$770,318.45	
Bills Receivable	111,415.50	
Accounts Receivable	2,740,150.69	
Cash	431,348.19	
		4,053,232.83
Inventories		975,514.67
Expenses, &c., paid in advance		38,939.26
National Asphalt Company		166,126.88
PROFIT AND LOSS ACCOUNT:—		
Deficit		2,916,470.73
		$45,226,788.26

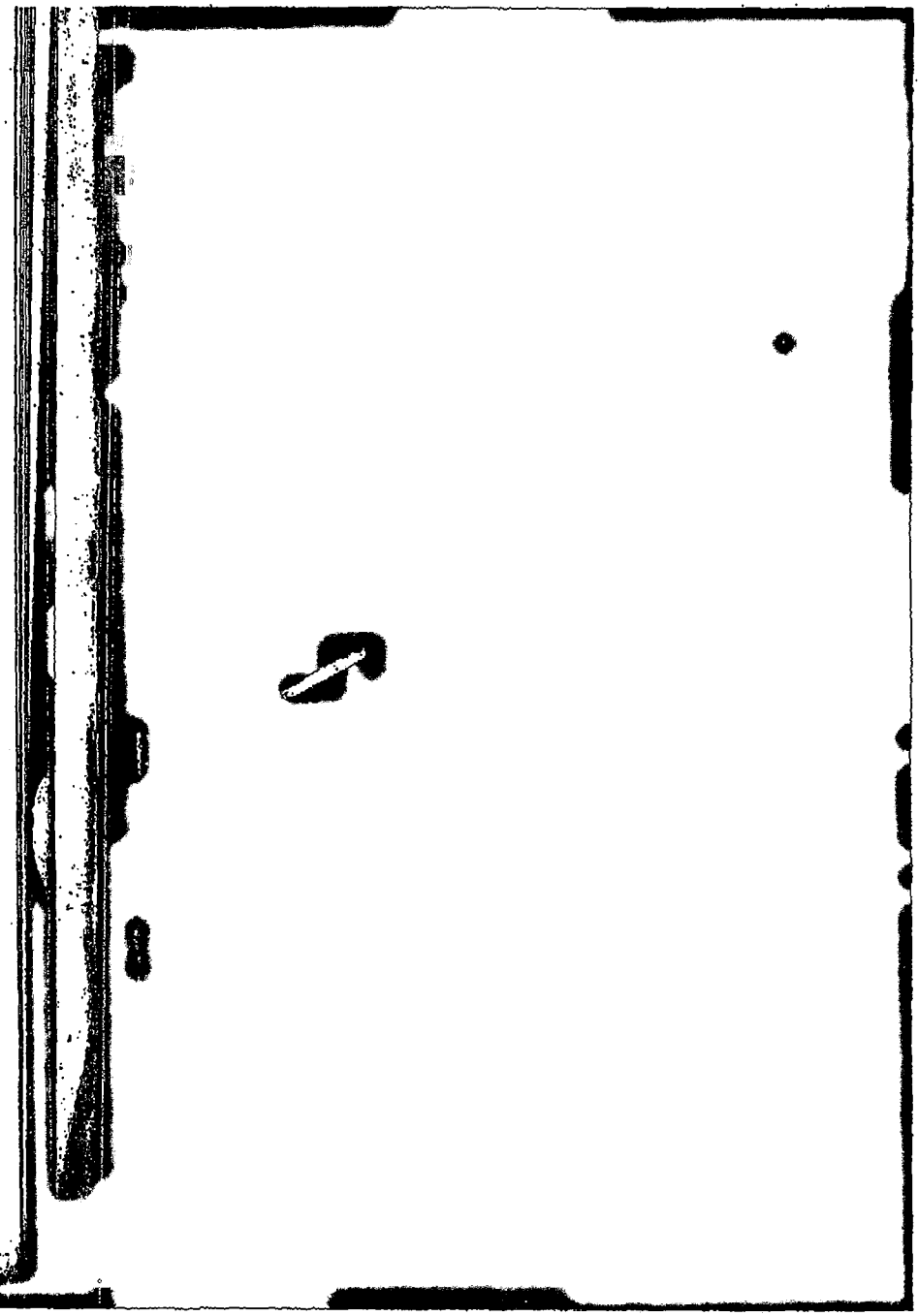
At the time of the transfer the stock was registered in the name of many holders. The list is too long to transcribe herein, but is on file at the office of the Commercial Trust Company.

The plants and assets held by the National Asphalt Company other than those taken over with the Asphalt Company of America, were as follows, viz. :—

Name of Company.	Par Value.
Commercial Asphalt Company	$1,000.00
Organized by the officers of the National Asphalt Company after the acquisition of the Asphalt Company of America.	
David Folz Asphalt Paving Company	50,000.00
Purchased after the consolidation with the Asphalt Company of America.	
Gilson Asphaltum Company of New Jersey :	
Common stock	2,140,300.00
Preferred stock	269,300.00
Manhattan Trap Rock Company	500,000.00
Mack Paving Company of New York	10,000.00
New Jersey Mexican Asphalt Company	100,000.00
Pennsylvania Asphalt Paving Company	250,000.00
Venezuela Asphalt Company	124,000.00
Organized by the officers of the National Asphalt Company some time after the National Asphalt Company acquired the Asphalt Company of America.	
Trinidad Asphalt Company of New York	1,000.00
Trinidad Asphalt Company of New Jersey	2,000.00
	$3,447,600.00

The cost of these on December 31st, 1901, was, viz. :—

Cash	$77,221.58
National Asphalt Company Preferred stock	3,799,070.00
National Asphalt Company Common stock	5,550,070.00
	$9,426,361.58
Their total par value	$3,447,600.00



While the total cost of these properties is, as stated above, $9,426,361.58, it is possible that the cash cost should be reduced by $25,690, and the stock cost increased in the same amount.	
Without going into the earnings of each property in detail, the earnings from May 24th, 1900, to December 31st, 1900, were	$100,911.74
Their operation in the Year 1901 entailed a loss of	118,015.57
Net result for the two years being a loss of	$17,103.83

But as explanatory of the result in 1901 it would appear that this has been arrived at by charging the Profit and Loss Account for that year with the following items, viz. :—

Venezuela	$22,314.96
General Expenses	109,462.39
Miscellaneous Interest	14,993.20
	$146,770.55

While these items are properly included and charged to the National Asphalt Company as a holding Company responsible for its own sub-companies, and also for the Asphalt Company of America and its sub-companies, the result for the year would have been different, and might have shown a balance on the credit side were these items apportioned and charged to the sub-companies in the Asphalt Company of America Group, which are probably responsible for a large proportion of them.

It is further claimed, as an explanation of the loss incurred in 1901 as against the profit earned in 1900, that the National Asphalt Company, being in control of the companies previously competitive, elected to give certain business to companies in the Asphalt Company of America system at the expense of those in the National Asphalt Company system, and that the result for the Year 1901 is no index of the earning power of the sub-companies in the National Asphalt Company system.

It would appear, however, that the properties thus acquired by the National Asphalt Company as determined by the earnings do not approximate in value their capitalization, and the National Asphalt Company stock issued in their acquisition was on a basis not justified by the value of these properties as since ascertained. This is no discovery, the highest and lowest market quotations for the 5 per cent. Certificates and the Preferred and Common shares during the years 1900 and 1901 being, viz. :—

	1900.		1901.	
	Oct. 20.	Dec. 17.	May 3.	Dec. 30.
National Asphalt Co. 5 per cent. Trust Certificates	58	33½	48½	10¼
	Oct. 22.	Dec. 27.	Feb. 13.	Dec. 30.
National Asphalt Co. Preferred stock .	21½	10	16	1
	Oct. 22.	Dec. 20.	Apr. 12.	Dec. 30.
National Asphalt Co. Common stock .	9¼	5	8½	¼

On the other hand, it is equally true that whatever value there was in the properties owned by the National Company at the time of the consolidation, inured to the benefit of the American certificate holders; and the fact that they were of substantial value seems to be evidenced by the earnings of the National system for the period from May 24th, 1900, to December 31st, 1900, stated above as $100,911.74.

The figures given in this report are from those submitted by The Audit Company of New York, and it is proper here to quote from their letter of March 26th, accompanying their reports :—

"In order to ascertain the manufacturing profits of all "these companies for the two years named, we have elimi- "nated from our figures all items not pertaining strictly to "the period in question. As the reserve for the yardage of "asphalt paving laid during these two years under a guaran- "tee for a term of years, we have set aside from the profits "the sum shown by experience to be necessary on the

"average for the maintenance of that yardage during the life "of the agreement. In like manner, we have credited back "into the earnings all sums expended during 1900 and 1901 "for the maintenance of paving laid prior to January 1st, "1900; the theory being that the expense of such mainte- "nance should have been set aside out of the profits of pre- "vious years. Our statement of earnings included all interest "paid on borrowed money, but does not include Sinking "Fund or Interest on Gold Certificates of the Asphalt Com- "pany of America or National Asphalt Company:—

"Net Earnings for the year ending December 31st, 1900.
"Total profits for the year for all companies $326,748.82

"Net Earnings for the year ending December 31st, 1901.
"Total profits for the year for all companies 371,427.26

"*In arriving at these profits we have not included the re-* "*sults of the dozen companies all of whose stocks are not* "*owned by the Asphalt Company of America or National* "*Asphalt Company, and whose books have not been examined* "*by us.* It is claimed that the proportion of profits or loss of "such companies accruing to the Asphalt Company of Amer- "ica or National Asphalt Company would not materially "affect the figures given above."

The Committee understands that the reserve for the yardage of asphalt paving laid under a maintenance guarantee for 10 years is computed by The Audit Company of New York as to all cities except New York and Philadelphia on statistics obtained from the Barber Asphalt Paving Company. The reservation is a liberal one and has been criticised as excessive and unduly reducing profits, but we prefer to let it stand with this explanation. In New York the amount retained by the city is set aside as the proper reserve, and in Philadelphia the reserve has been estimated on that set aside by the Vulcanite Paving Company.

Again attention is called to the fact already referred to in the Committee's preliminary report of March 27th, 1902, that large losses have been sustained through the operations of certain subsidiary companies engaged in engineering, contracting, and other work not connected in any essential way with the business of selling asphalt or laying asphalt pavements, to wit, The National Contracting Company. No new work of this character is contemplated, but under existing contracts it is probable that the Company will again sustain a reduced loss in the year 1902, but the Receivers inform us that they have certain claims in connection with past work which they hope to prosecute to a successful termination and which may result in the recovery of a considerable sum of money. No new contracts have been taken for several months and the Company will close out all existing contracts during 1902.

To reconcile the figures herein given as to the Asphalt Company of America and its sub-companies, and the National Asphalt Company and its sub-companies, with the preliminary report of the Committee published March 27th, 1902, showing combined net earnings for the Years 1900 and 1901, before making provision for interest on Gold Certificates or Sinking Funds for redemption of certificates, of $698,176.08, the following statement is made:—

		Loss.	Profit.
BARBER ASPHALT PAVING CO. AND ITS UNDERLYING COMPANIES GROUP:—			
Profit Year, 1900	$245,341.57		
Profit Year, 1901	505,358.22		
		.....	$751,699.79
NEW TRINIDAD LAKE ASPHALT CO., LIMITED, AND ITS UNDERLYING COMPANIES GROUP:—			
Profit Year, 1900	$140,337.42		
Loss Year, 1901	60,460.22		
		.....	79,877.20
ALCATRAZ COMPANY OF WEST VIRGINIA AND AFFILIATED COMPANIES GROUP:—			
Loss Year, 1900	$190,313.33		
Loss Year, 1901	142,755.03		
		$333,068.36	.....
UNITED ASPHALT CO. AND ITS UNDERLYING COMPANIES GROUP:—			
Profit Year, 1900	$13,671.25		
Profit Year, 1901	30,247.84		
		.....	43,919.09
CONSOLIDATED PAVING CO. AND ITS UNDERLYING COMPANIES GROUP:—			
Loss Year, 1900	$37,244.60		
Loss Year, 1901	8,617.70		
		45,862.30	.....
		$378,930.66	$875,496.08
			378,930.66
PROFIT ON THESE GROUPS			$496,565.42
To which should be added other profits of the Asphalt Co. of America, viz.:—			
Trustees of Fire Insurance Fund		.....	32,815.95
Miscellaneous Interest Receipts		$291,695.37	
Less			
General Expenses	$90,706.83		
Bad Accounts written off	15,000.00		
		105,706.83	
			185,898.54
			$715,279.91
And from which should be deducted the operations of the National Asphalt Co. and its sub-companies, which show—			
Loss Year, 1901	$118,015.57		
Profit Year, 1900	100,911.74		
		.....	17,103.83
			$698,176.08
YEAR 1900	$326,748.82		
YEAR 1901	371,427.26		

Having dealt in more or less detail with the groups of companies and their sub-companies, the general result as determined by The Audit Company of New York is shown as follows, viz. :—

ASPHALT COMPANY OF AMERICA.

The profits before making provision for interest on Gold Certificates or Sinking Funds for the redemption of Certificates, as shown by the books of this Company and its underlying companies, and as adjusted by The Audit Company of New York, are as follows :—

	Book Profits.	Adjusted Profits.
For the Year 1899, various periods	$817,879.74	$240,724.65
For the Year 1900	1,318,216.05	225,837.08
For the Year 1901	387,297.43	489,442.83
There was an apparent surplus of this Company and its underlying companies at the dates at which they were taken over and at the various dates at which some of the underlying companies were subsequently acquired, of		$758,376.98
This surplus the Audit Company have turned into a deficit of		541,470.61
Being a net adjustment of		$1,299,847.59

The items making up this adjustment are as follows :—

Reserve for Maintenance and Repairs	$457,804.62
Loss on Sales of Plant and Depreciation of same	216,972.08
Loss on National Contracting Company's contracts	157,606.50
Adjustment of Inventory of Asphalt to cost	214,794.85
Bad Debts	213,849.15
Losses charged to Good Will	72,438.90
Miscellaneous	24,128.91
	$1,357,594.01
Less Sundry Adjustments applicable to other years	57,746.42
	$1,299,847.59

NATIONAL ASPHALT COMPANY.

The profits before making provision for interest on Gold Certificates or Sinking Funds for the redemption of Certificates, as shown by the books of this Company and its underlying companies, and as adjusted by The Audit Company of New York, are as follows :—.

	Book Profits.	Adjusted Profits.
From May 24th to December 31st, 1900 . . .	$12,335.90	$100,911.74

	Book Losses.	Adjusted Losses.
For the Year 1901	$156,677.39	$118,013.57
The surplus of the underlying companies as shown by the books when they were taken over by the National Asphalt Company, amounted to		$61,296.86
This surplus The Audit Company have turned into a deficit of		164,369.86
Being a net adjustment of		$225,666.72

Made up as follows :—

Reserve for Maintenance and Repairs	$198,489.64
Depreciation of Plant	12,572.53
Bad Debts	6,652.88
Adjustment of Inventory of Asphalt to cost	5,329.94
Miscellaneous	2,621.73
	$225,666.72

NATIONAL ASPHALT COMPANY AND THE ASPHALT COMPANY OF AMERICA.

PARTIALLY ADJUSTED COMBINED BALANCE SHEET, DECEMBER 31ST, 1901.

LIABILITIES.

CAPITAL STOCK:—			
Authorized Common, 240,000 shares at $50 each		$12,000,000.00	
Issued			$11,551,470.00
Authorized Preferred, 200,000 shares at $50 each		10,000,000.00	
Issued			8,003,674.00
FIVE PER CENT. COLLATERAL GOLD CERTIFICATES:—			
Authorized		6,000,000.00	
Issued			5,988,420.00
Capital stock of the Asphalt Company of America owned by Outsiders			10,290.00
BONDS OF UNDERLYING COMPANIES:—			
Asphalt Company of America—			
Issued	$29,900,928.19		
Less Redeemed	70,173.62		
		29,839,754.57	
New Trinidad Lake Asphalt Company, Limited—Issued	$1,940,000.00		
Less Redeemed	120,280.00		
		1,819,720.00	
Barber Asphalt Paving Company		1,000,000.00	
New York and Bermudez Company		250,000.00	
The Alcatraz Company of West Virginia		400,000.00	
Gilson Asphaltum Company of New Jersey		320,000.00	
		$33,620,474.57	
Less Amount Owned by Asphalt Company of America		360,900.00	
			33,259,574.57
MORTGAGES:—			
Barber Asphalt Paving Company		$42,500.00	
Vulcanite Paving Company of Pennsylvania		29,700.00	
			72,200.00
Reserve for Maintenance and Repairs (with asphalt at $35 per ton)			4,176,231.44

SINKING FUND FOR RETIREMENT OF CERTIFICATES AND DEBENTURES:—		
National Asphalt Company	$50,000.00	
Asphalt Company of America	370,173.62	
New Trinidad Lake Asphalt Company, Limited	120,280.00	
		$540,453.62
ACCRUED INTEREST ON 5 PER CENT. COLLATERAL GOLD CERTIFICATES:—		
National Asphalt Company	$150,000.00	
Asphalt Company of America	369,302.43	
		519,302.43
Bills payable	$1,169,753.34	
Accounts payable	758,363.48	
		1,928,116.82
		$66,049,732.88

ASSETS.

STOCKS AND BONDS OF UNDERLYING COMPANIES:—		
At Cost	$67,883,242.49	
Less Book Value	32,014,004.67	
		$35,869,237.82
STOCKS AND BONDS IN TREASURY:—		
Asphalt Company of America 5 per cent. Gold Certificates	$142,224.43	
National Asphalt Company 5 per cent. Gold Certificates	4,439.20	
National Asphalt Company stock	2,355.80	
		149,019.43
Concessions, Leasehold, Goodwill, &c.		6,278,455.07
Real Estate	$5,838,783.50	
Plant	3,712,582.19	
		9,551,365.69
Stocks, Bonds, &c., of Outside Companies		535,408.53
THE LAND TITLE & TRUST COMPANY, TRUSTEE, INVESTMENT FUND:—		
Cash	$6,902.28	
Gilson Asphaltum Company of New Jersey bonds at cost	275,000.00	
Asphalt Company of America 5 per cent. Gold Certificates at cost	286,560.00	
		568,462.28

Retainers and Deferred Payments			$3,115,418.76
Bonds, Warrants, Tax Liens, &c.		$738,570.09	
Bills Receivable		110,022.04	
Accounts Receivable		2,171,361.09	
Cash		798,737.97	
			3,818,691.19
Inventories			1,198,616.37
Expenses paid in Advance			28,570.27
PROFIT AND LOSS ACCOUNT:—			
Asphalt Company of America:			
Adjusted Balance January 1st, 1900	$1,348,467.66		
Add Adjusted Deficit of Underlying Companies acquired since January 1st, 1900	495,379.58		
	$1,843,847.24		
Adjusted Losses, 1900	1,276,959.32		
Adjusted Losses, 1901	1,284,207.22		
Net Deficit Asphalt Company of America		$4,405,013.78	
National Asphalt Company:			
Adjusted Balance, May 24th, 1900	$147,995.77		
Add Adjusted Deficit of Underlying Companies acquired since May 24th, 1900	16,374.09		
	$164,369.86		
Less Adjusted Profits May 24th, 1900, to December 31st, 1900	100,911.74		
	$63,458.12		
Add Adjusted Losses for 1901	468,015.57		
Net Deficit National Asphalt Company		531,473.69	
Total Net Deficit			4,936,487.47
			$66,049,732.38

On March 26th, 1902, the Committee received the report of The Audit Company of New York on the business for the years 1900 and 1901, which it has carefully considered and analyzed, a work involving much time and labor, the results of which have been submitted in the preceding part of this report. On May 27th, 1902, The Audit Company of New York furnished your Committee with its report for the period ending December 31st, 1899, which it has considered and compared with the report issued by the Asphalt Company of America for the same period.

Referring to the latter paper it appears that the Asphalt Company of America reports:—

Dividends Received	$792,333.50
Interest Received	26,783.09
	$819,116.59

The Audit Company of New York reports the same figures, viz.:—

Dividends from sub-companies owned	$780,758.50	$780,758.50
Dividends from sub-companies partly owned	11,573.00	
Interest Received from Underlying Companies,	26,783.09	
	$819,116.59	
And in addition to the dividends paid by the operating companies to the Asphalt Company of America there were paid in 1899, prior to the consolidation and acquisition by the Asphalt Company of America, dividends to former shareholders amounting to		184,000.00
		$964,758.50
The examination, however, of the books and accounts of the operating companies which declared these dividends would indicate the total net earnings of such companies for the year as		240,724.65
making a total excess of dividends paid over earnings in 1899		$724,033.85

The Audit Company of New York, in stating a Profit and Loss Account of the Asphalt Company of America as of December 31st, 1899, taking into account the actual earnings of the operating Companies, instead of the dividends received, and making the proper charges for accrued interest and sinking-fund payments, show a net loss for the year of $905,124.14

as against a surplus shown by the Asphalt Co. of America report of 30,019.25

making a difference of $935,143.39

arrived at to wit:—

Difference between Dividends and Interest received by the Asphalt Co. of America	$819,116.59	
Less organization and general expenses as shown by their report	39,097.34	
	$780,019.25	
and the actual earnings as arrived at by the Audit Co. of New York	240,724.65	
	$539,294.60	
the accrued interest from October 1st to December 31st on the outstanding certificates not considered by the Asphalt Co. of America . .	370,848.79	
Sinking Fund not considered	25,000.00	
		$935,143.39

The certificate holders will notice that no appraisement or valuation of the different plants and assets controlled by the asphalt companies has been made. Such a valuation and appraisement would have involved much time and considerable expense, and your Committee believes that the earnings of the several companies was a better index for establishing their value than any appraisal of sources of supply, plants or machinery used in the business.

Again in connection with the business of the companies as adjusted by The Audit Company of New York, certain large expenditures appear under the head of "Promotion as disclosed on books," this being a phrase used by The Audit Company to cover a variety of similar items upon the Asphalt Company's books, and relating, not to the original promotion of the companies, but to the conduct of its business.

To quote the language of The Audit Company of New York itself:—

"This caption was selected by us to cover all incidental ex-
"penses involved in the securing and making of paving con-
"tracts, such as commissions, advances, salaries, etc. Some
"of these expense under their respective titles on the
"ledgers of the different companies, while others represent
"amounts charged originally under other captions but selected
"and consolidated by us under the title just given, 'Promo-
"'tion as disclosed on the books.' We have found no evi-
"dence on the books and accounts of the respective com-
"panies to warrant us in declaring these expenditures to be
"other than what are necessary and proper expenses in con-
"ducting such a business as that of Asphalt and paving
"companies."

The claim has been made on behalf of Mr. Mack, of the original National Company, that at the time of the merger of the interests of the National Company with those of the Asphalt Company of America, certain representations were made upon the faith of which the merger was effected, and that those representations were not borne out by investigation subsequently made; that properties of great cost, earning in excess of $100,000 per annum with the prospect of largely increased earnings, were under the merger given in exchange for National Common and Preferred stock, still largely held by the vendors and now of little or no value, and that under these circumstances Mr. Mack has been advised by counsel that he has a right to insist upon the restitution of the properties transferred by him. This is a contention between parties originally connected with the National Asphalt Company and those identified with the Asphalt Company of America at the time of the merger, but inasmuch as it is believed that the success of the new Company is in a substantial measure dependent upon the acquisition of a clear title to these properties it has been made a condition

of the underwriting of the Common stock of the new Company that, on the delivery of the shares on the terms mentioned, the underwriters shall settle and adjust all such claims to the satisfaction of the Committee in favor of the new Company, without cost to it.

Your Committee has given careful and serious consideration to all questions concerning the over-capitalization of the Asphalt Company of America, the acquisition of the Warren-Scharf and United Asphalt Companies, and the liabilities of the promoters, directors, and shareholders of the Asphalt Company of America, as also the obligations and duties of its Trustee, and has consulted counsel in connection with these matters and been guided largely by their advice. Without power to compel the attendance of persons or the production of papers your Committee requested those who were supposed to have the most intimate knowledge of the affairs under investigation to appear before them. Certain gentlemen have appeared while others have declined the invitation.

The statements made by those who did appear added nothing to the information of your Committee otherwise acquired, further than to put your Committee in possession of the apparently sincerely expressed opinion of some of the original promotors and managers that the business represented by the enterprise can still be made profitable under proper reorganization and management. It is just to add that some of these gentlemen are still very large holders of the American securities.

The accounts submitted to us we have examined with care, and believe our conclusions from them to be correct. The accounts, however, embracing so many companies are necessarily so complicated as to involve the possibility of error in our analysis. They are on file with the Commercial Trust Company and may be inspected by any certificate holder of record.

CONCLUSIONS.

The companies being in the hands of Receivers, your Committee believes and is advised by Counsel that it is not within its province nor within its power to undertake litigation for the prosecution of claims arising out of the promotion and management of these companies, or in connection with the liability of shareholders for assessments upon the stock; but irrespective of such legal rights, the Committee believes that the best commercial results will be obtained by an amicable adjustment of the affairs of the companies, founded on a subscription to or underwriting of the Common shares in the reorganized company, as detailed in the plan submitted herewith, which they recommend to the certificate holders.

The Committee and their counsel are moved to this conclusion by the following considerations:—

It is essential that the business now under the management of the Receivers should be maintained in active operation, and to this end the following facts must be carefully weighed:—

(1.) That the defenses interposed in any proposed suits, if brought, would make their final result doubtful, and that this final result would probably not be reached for years.

(2.) That the consequent delay in permanently adjusting the affairs of the Company would doubtless result in the disruption and disintegration of its business, to the irreparable injury of the certificate holders.

(3.) That this is so because the business under present conditions imperatively requires fresh working capital, and it is impracticable to procure the same on any other than onerous terms, except as a part of a complete reorganization.

(4.) That in the opinion of the Receivers the plan provides for sufficient working capital to continue the business of the Company on its present or on a broader basis.

The certificate holders, therefore, must now face the dilemma of having the business wound up and the property sold, taking their *pro rata* share in the proceeds of sale and retaining their rights to anything that can be recovered by litigating their claims, or of having the companies continue the business under a reorganization, participating to the extent of their holdings in the results.

Inasmuch as the Committee has endeavored to place before the holders of certificates all the essential facts known to it bearing upon the questions under examination, which is unusual in ordinary cases of reorganization, the means are thus given certificate holders to determine for themselves whether their interests will be best served by acceptance of the reorganization plan submitted and recommended by the Committee, or of adopting the other alternative.

The Committee is informed by the Receivers and believes that with certain losses stopped and economies instituted, and with a sufficient working cash capital as provided for in the reorganization, there is a probability of material income in the future. A letter from the Receivers on the subject is herewith submitted.

Attention is called to that portion of the plan of reorganization which provides that holders of securities already deposited under the agreement of November 14th, 1901, will be deemed

to have assented to the said plan, unless written notice of their dissent therefrom and of their desire to withdraw from said agreement and plan shall have been filed with either of the depositaries prior to August 19th, 1902.

HENRY W. BIDDLE,
RUDULPH ELLIS,
ALVIN W. KRECH,
E. B. MORRIS,
C. S. W. PACKARD,
Committee.
W. S. ELLIS,
Secretary.

J. PERCY KEATING,
THOMAS DEWITT CUYLER,
ALEXANDER & GREEN,
Of Counsel.

JUNE 23, 1902.

Mr. Henry W. Biddle, Chairman, Committee of Holders of Asphalt Company of America Trust Certificates, Philadelphia, Pa.

DEAR SIR:—In response to your request of the Receivers of the Asphalt Companies for an expression of opinion as to the probable results of the future conduct of the business, we beg to lay before you our thoughts on the subject as follows:

Losses have been made through the National Contracting and other companies; and there have been very heavy expenses in connection with the Venezuela matter, a very large portion of which we believe can be avoided in the future. To effect these results may require, at least, two years.

With these accomplished, and with proper management, we believe it reasonably safe in making up your Plan of Reorganization, to calculate that the net annual income will approximately be	$700,000
The Audit Company of New York has found the average profits of the past two years to have been about	350,000
Add average loss National Contracting Company, about	230,000
And average expenses incurred in Venezuela matter, about	220,000
Total	$800,000
From which, however, we deduct to cover contingencies of competition, &c., and maintenance of rights in Venezuela and other places, which will probably continue to be of more or less expense, an average per annum of, say	100,000
Leaving as above	$700,000

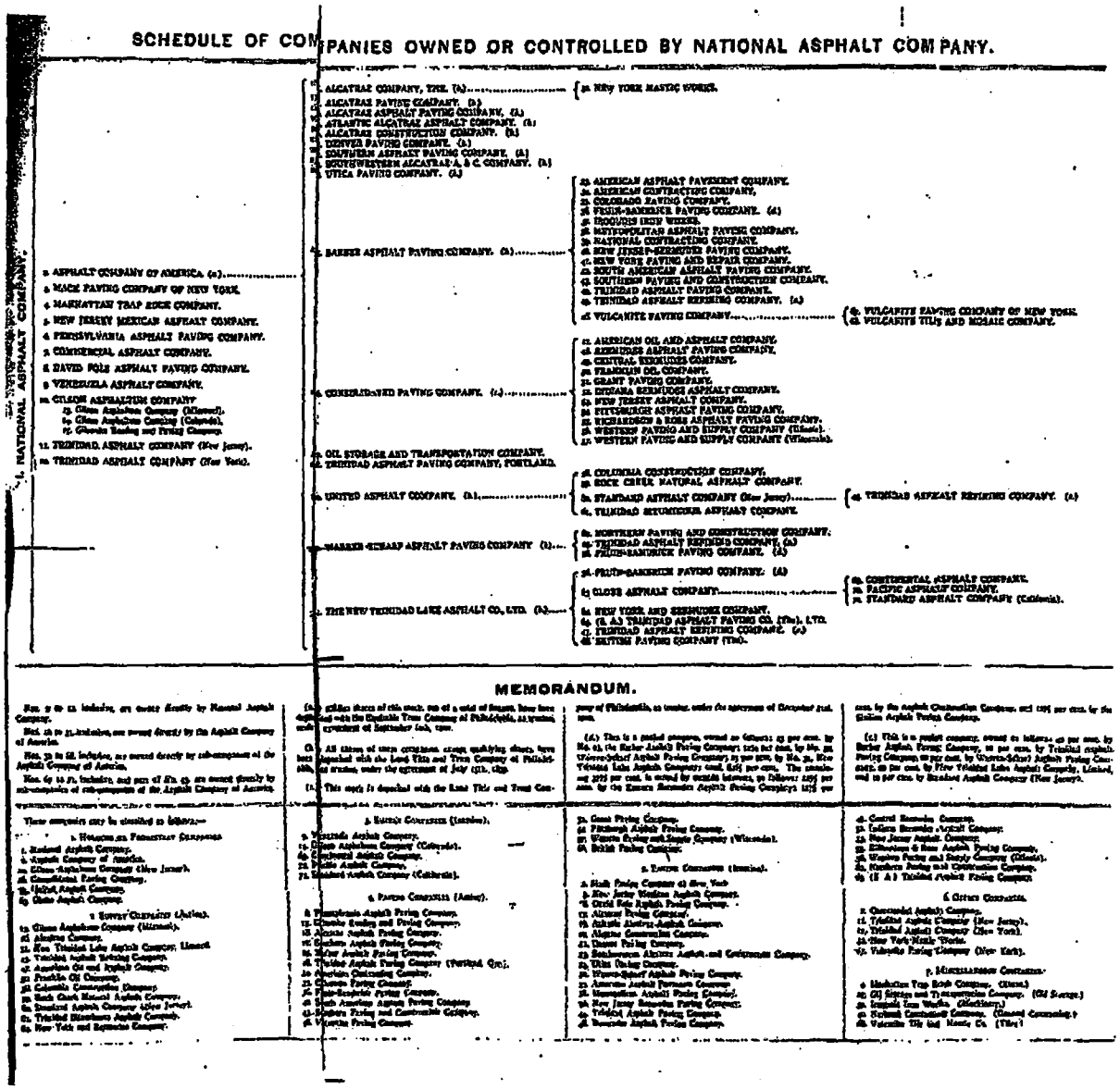
The earnings for the years 1900 and 1901 were increased by an interest account, all of which may not hereafter be available; and such fact must be taken into consideration in estimating future income based upon the earnings of the past.

On the other hand, the return from the fresh capital to be contributed under your Plan of Reorganization will supply this deficiency.

We venture to call your attention to the possibility of larger net income in future years than as above estimated, and while we prefer to make no prediction that this will be so, yet the possibilities are such that we feel that we should suggest that some provision should be made in your Plan of Reorganization for the participation of the holders of the American Certificates in these possible results.

Very truly yours,

HENRY TATNALL,
JOHN M. MACK,
Receivers National Asphalt Co.,
Asphalt Co. of America.



MEMORANDUM.

Nos. 2 to 12, inclusive, are owned directly by National Asphalt Company.

Nos. 13 to 21, inclusive, are owned directly by the Asphalt Company of America.

Nos. 22 to 35, inclusive, are owned directly by subcompanies of the Asphalt Company of America.

Nos. 36 to 41, inclusive, and part of No. 25, are owned directly by subcompanies of subcompanies of the Asphalt Company of America.

(a) Other shares of this stock, not of a total of $10,000, have been deposited with the Equitable Trust Company of Philadelphia, as trustee, under the agreement of September 2nd, 1902.

(b) All shares of stock outstanding, except qualifying shares, have been deposited with the Land Title and Trust Company of Philadelphia, as trustee, under the agreement of July 15th, 1899.

(c) This stock is deposited with the Land Title and Trust Company of Philadelphia, as trustee, under the agreement of December 31st, 1902.

(d) This is a pooled company, owned as follows: 25 per cent. by Mr. H. (the Barber Asphalt Paving Company); 25% per cent. by Mr. H. Warren-Scharf Asphalt Paving Company); 25 per cent. by Mr. H. New Trinidad Lake Asphalt Company); and, 6.25 per cent. The remaining 37½ per cent. is owned by outside interests, as follows: 12½ per cent. by the Empire Bermudez Asphalt Paving Company; 12½ per cent. by the Asphalt Construction Company, and 12½ per cent. by the Standard Asphalt Paving Company.

(e) This is a pooled company, owned as follows: 25 per cent. by Barber Asphalt Paving Company, 25 per cent. by Trinidad Asphalt Paving Company, 25 per cent. by Warren-Scharf Asphalt Paving Company, 25 per cent. by New Trinidad Lake Asphalt Company, Limited, and 6.25 per cent. by Standard Asphalt Company (New Jersey).

These companies may be classified as follows:—

a. Holding or Financial Companies.

1. National Asphalt Company.
2. Asphalt Company of America.
13. Climax Asphaltum Company (New Jersey).
18. Consolidated Paving Company.
22. Asphalt Asphalt Company.
23. Union Asphalt Company.

b. Refining Companies (Active).

10. Climax Asphaltum Company (Missouri).
20. Alcatraz Company.
21. New Trinidad Lake Asphalt Company, Limited.
25. Trinidad Asphalt Refining Company.
27. Asphaltum Oil and Asphalt Company.
32. Franklin Oil Company.
33. Columbia Construction Company.
34. Rock Creek Natural Asphalt Company.
35. Standard Asphalt Company (New Jersey).
36. Trinidad Bituminous Asphalt Company.
38. New York and Bermudez Company.

b. Refining Companies (Inactive).

9. Venezuela Asphalt Company.
19. Climax Asphaltum Company (Colorado).
24. Continental Asphalt Company.
31. Pacific Asphalt Company.
37. Standard Asphalt Company (California).

c. Paving Companies (Active).

3. Pennsylvania Asphalt Paving Company.
11. Climax Roofing and Paving Company.
17. Alcatraz Asphalt Paving Company.
26. Southern Asphalt Paving Company.
28. Barber Asphalt Paving Company.
29. Alcatraz Asphalt Paving Company (Portland, Ore.).
30. American Contracting Company.
31. Climax Paving Company.
39. Fruin-Bambrick Paving Company.
40. North American Asphalt Paving Company.
41. Southern Paving and Construction Company.
42. Victoria Paving Company.
43. Grant Paving Company.
44. Pittsburgh Asphalt Paving Company.
45. Western Paving and Supply Company (Wisconsin).
46. British Paving Company.

d. Paving Companies (Inactive).

1. Mack Paving Company of New York.
2. New Jersey Mexican Asphalt Company.
3. Grand Rapids Asphalt Paving Company.
4. Grand Rapids Asphalt Paving Company.
12. Alcatraz Paving Company.
16. Asbestic Alcatraz Asphalt Company.
18. Alcatraz Construction Company.
21. Denver Paving Company.
23. Southwestern Alcatraz Asphalt and Contracting Company.
24. Utica Paving Company.
30. Warren-Scharf Asphalt Paving Company.
37. American Asphalt Pavement Company.
38. Metropolitan Asphalt Paving Company.
39. New Jersey-Bermudez Paving Company.
40. Trinidad Asphalt Paving Company.
41. Bermudez Asphalt Paving Company.

e. Miscellaneous Companies.

42. Central Resources Company.
43. Indiana Bermudez Asphalt Company.
44. New Jersey Asphalt Company.
45. Richardson & Ross Asphalt Paving Company.
46. Western Paving and Supply Company (Illinois).
47. Northern Paving and Construction Company.
48. (E. A.) Trinidad Asphalt Paving Company.

f. Other Companies.

1. Consolidated Asphalt Company.
14. Trinidad Asphalt Company (New Jersey).
15. Trinidad Asphalt Company (New York).
49. New York Mastic Works.
50. (?) Bitulac and Tarmacadam Company. (Old Name.)
51. Iroquois Iron Works. (Machinery.)
52. National Contracting Company. (Closed Corporation.)
53. Vulcanite Tile and Mosaic Co. (Tiles.)

Alsine™ Enviro-Tab™

Fol. 1

IN THE DISTRICT COURT OF THE UNITED STATES
FOR THE SOUTHERN DISTRICT OF NEW YORK.

----------x

THE UNITED STATES OF AMERICA,
Petitioner,

v. ORDER

AMERICAN COAL PRODUCTS COMPANY,
BARRETT MANUFACTURING COMPANY,
et al,
Defendants.

----------x

Now come the above named defendants, American Coal Products Company, Barrett Manufacturing Company, et

" 2 al, by Spooner & Cotton, their solicitors, and make showing, as required by the last paragraph of the decree entered herein on the 4th day of March, 1913, of compliance by said defendants with the requirements of said decree;

And the Court having considered the same, it is hereby

O R D E R E D that the said showing be, and the same is hereby, accepted as full compliance by the defend-

" 3 ants with the requirements of said last paragraph of said decree.

The papers and documents showing such compliance shall be filed with the Clerk of the Court, as a part of the record herein.

New York
September 18. 1913.

Geo. C. Holt

Original

DISTRICT COURT OF UNITED STATES

SOUTHERN DISTRICT OF NEW YORK.

X----------X

THE UNITED STATES OF AMERICA,
Petitioner,

v.

AMERICAN COAL PRODUCTS COMPANY,
BARRETT MANUFACTURING COMPANY,
et al.,
Defendants.

X----------X

O R D E R.

X----------X

Spooner & Cotton,
Attorneys for Defendants,
14 Wall Street,
New York City.

RECEIVED

IN THE DISTRICT COURT OF THE UNITED STATES FOR THE

SOUTHERN DISTRICT OF NEW YORK.

THE UNITED STATES OF AMERICA, Petitioner,	
-:- Vs -:-	In Equity,
AMERICAN COAL PRODUCTS COMPANY, BARRETT MANUFACTURING COMPANY, ET AL. Defendants.	No. E 10/124.

DECREE OF INJUNCTION.

This cause coming on to be heard before the Honorable George C. Holt, D.J., on Motion of the Complainant upon the Petition herein for an Injunction to restrain the Defendants from violating the provisions of the Act of Congress approved July 2nd, 1890, entitled "An Act to protect trade and commerce against unlawful restraints and monopolies" as prayed for in said Petition, and the Complainant now appearing by Henry A. Wise and Clark McKercher, its Counsel, and the Defendants appearing by the entry of a formal appearance and by filing an answer by their Counsel, Spooner & Cotton, and stating in open Court that, while by their joint and several answer

of the Complainant, the United States of America, they, to prevent serious loss and injury in and to their said business and credit, consequent upon a long and expensive litigation with the Complainant, as to the legality of their organization and methods, will not oppose the entry of the Decree herein, requiring them to re-form their organization and the conduct of their business as herein provided, and the Court finding upon the Petition that the Defendants are and have been engaged in unlawful agreements and combinations in restraint of Inter-state trade and commerce, such as the Act of Congress approved July 2nd, 1890, 26 Stat. 209, entitled "An Act to protect trade and commerce against unlawful restraints and monopolies" denounced as illegal, it is adjudged, ordered and decreed as follows:

1. That the Defendants, American Coal Products Company, of New Jersey; Barrett Manufacturing Company, of West Virginia; National Coal Tar Company, of Delaware; H. F. Watson Company, of Pennsylvania; United Roofing & Manufacturing Company, of Delaware; the Eastern Granite Roofing Company, of New Jersey; W.H.Rankin,Company, of New Jersey; Warren Chemical & Manufacturing Company, of New Jersey; Commonwealth Roofing Company, of Delaware; Union Coal Tar & Chemical Company, of New Jersey; ~~Cambria Steel Company, of Pennsylvania;~~ Duluth Tar Company, of Minnesota; M. Ehret, Jr. & Company, of Pennsylvania; Warren-Ehret Company of Pennsylvania; New York Coal Tar & Chemical Company,

of New York; New York Roofing Company, of New York; H.W. Jayne Chemical Company, of Pennsylvania; Isaac D. Fletcher; William H. Childs; Samuel H. Bingham; Thomas M. Rianhard; John C. Runkle; W.N.McIlravy; Ernest J. Steer; Frank B. Foster and Hugo Henning;. have been and are in a combination in restraint of Inter-state trade and commerce and engaged in an attempt to monopolise said trade by securing control of a substantial part of the supply of coal tar in the United States and by securing substantial control of large productions of coal tar from coke ovens and by purchasing and securing control of competing companies and firms doing the business of purchasing coal tar and manufacturing and marketing tarred felt, roofing and paving pitch and other products of said coal tar.

2. That the American Coal Products Company, defendant herein, is adjudged to be an unlawful instrumentality created for the purpose of bringing together competing interests in the acquisition of coal tar and other by-products of coal, and to secure control of large productions of coal tar from coke ovens, and to hold the stocks of said competing companies, and maintained for the purpose of carrying into effect the intent to control the trade in said commodity; and that the said American Coal Products Company, and its Officers and Directors, and each of them, are enjoined and prohibited from acquiring owning, controlling and dealing in, the capital stock or business of any company, firm or individual doing business in coal

3. That the Barrett Manufacturing Company, of West Virginia, is adjudged to be a combination in restraint of interstate trade and commerce and an attempt to monopolize said trade in the way of securing control of a substantial part of the supply of coal tar in the United States, and the operations of said Barrett Manufacturing Company and its subsidiaries are enjoined and restrained in the following particulars:

(a) That the contracts entered into between the said Barrett Manufacturing Company and the said Semet-Solvay Company are declared null and void, and said Barrett Company, and its officers and Directors are forever enjoined and prohibited from enforcing the same unless said contracts are reformed and objectionable features are eliminated as follows:

(aa) The following clause:

"This amount, however, shall not exceed thirty-three and one-third per cent. of the total amount of tar produced at Syracuse.

"The production of any further amount of pitch shall be at the option of Barrett and they agree to make no change in instructions as to the delivery of tar and pitch oftener than once in two months.

"It is mutually understood and agreed that the distillation of the tar at Detroit shall be conducted by Solvay, according to the following plan and arrangements, to wit:

"Tar will be distilled by it to furnish only the necessary tar product for its own purposes as set forth above including tar products to be used in the Village Delray and also for the manufacture of the special grades of paint and the molders' compound as above specified. This amount, however, shall not exceed thirty-three and one-

third per cent. of the total amount produced at said Detroit plant. Provided, however, that if this amount at any time exceed 100,000 gallons per annum at Syracuse or 200,000 gallons per annum at Detroit the Solvay Company shall account to the Barrett Company for the excess over these amounts at the rate of twenty per cent. of the price realized by Solvay on tar sold to Barrett under the contract during the same month";

(bb) And any provision in said contract for future control by purchase or option pf productions of tar from ovens not yet in operation.

(b) That all contracts between said Barrett Manufacturing Company and any producer of coal tar or oil tar whereby the producers of coal tar agree to burn any part of said production or agree not to enter into competition with said Barrett Manufacturing Company or its subsidiaries or with said Products Company are decreed to be null and void and said Barrett Manufacturing Company and said Products Company are forever enjoined from operating under or enforcing the same unless said contracts shall be modified and reformed by eliminating those provisions or similar provisions to the same effect, and said Barrett Manufacturing Company and its subsidiaries and said Products Company are forever enjoined and prohibited from entering into contracts containing those provisions or similar provisions to the same effect.

(c) That all contracts between said Barrett Manufacturing Company or said Products Company on one hand and any dealers in or producers of coal tar and oil tar on the other hand providing for the sale of said coal tar or oil tar and wherein it is provided that the contract shall be terminated upon notice, shall be reformed and changed to provide for certain termination of said contract at a fixed date not to exceed ten years from the date

thereof.

(d) That said defendants and each and all of them are forever enjoined and prohibited from selling coal tar or oil tar to one or more competitors of said Barrett Manufacturing Company, competing with said company in any line, for a less price f.o.b. the same point shipment than said Barrett Company sells the same products to any other competitor in the same line.

(e) That said defendant companies and defendant individuals of said companies and each of them are forever enjoined and prohibited from burning for fuel, or exporting any coal tar or oil tar or briquetting pitch owned by them, when such burning or exporting is done at a net loss, taking into consideration all resulting by-products, without first advertising for thirty (30) days for bids for such coal tar, oil tar or pitch and without thereby being able to sell same to competitors at higher prices; except that nothing in this clause shall prevent the defendant companies from using coal tar or oil tar as fuel when it is economical to do so or when obliged to burn liquid fuel on account of public ordinances. By the use of the word "economical" herein is meant that when the fuel value of oil tar or coal tar is greater to said Barrett Manufacturing Company than the fuel value of coal or other usable fuels, then coal tar or oil tar may be burned for fuel;

(f) That said defendants and each of them are forever enjoined and prohibited from entering into any contract, scheme or arrangement with any competitor in the purchase of coal tar or in the manufacture or sale of coal tar roofing materials whereby any producer of coal tar shall be restricted, with respect to the person or persons to whom such producer shall sell such product, or respecting the territory wherein, or the

price at which such product shall be sold.

(g) That said defendants and each of them are forever enjoined and prohibited from making or enforcing any contract whereby apurchaser of one line of material, such as tarred felt, shall be compelled to purchase from defendants or any allied interest any proportion of other material.

(h) That the National Coal Tar Company shall be dissolved, its charter surrendered and its business entirely wound up.

(i) That the use of the name of any one time independent company or of any company acquired by the said Barrett Manufacturing Company or the said Products Company that manufactures and markets pitch, tarred felts, or other coal tar roofing materials, or uses the same in construction work is forever enjoined and prohibited on the part of defendant companies or defendant individuals herein, except as departments of said Barrett Manufacturing Company, as for example Warren Chemical & Manufacturing Company, department of Barrett Manufacturing Company, and the Eastern Granite Roofing Company, department of Barrett Manufacturing Company, and except for the use of any registered trade mark which is to be permitted; and such ownership by departments in the manner stated herein shall be made public by printing the same on letterheads, billheads, and in advertising.

(j) That the Union Coal Tar & Chemical Company shall be dissolved, its charter surrendered and its business discontinued.

(k) That the W. H. Rankin Company shall be dissolved , its charter surrendered and its business be discontinued.

(l) That the ownership of the stock of the H. F. Watson Company by said Barrett Company is adjudged a combination in restraint of trade and an attempt to monopolize interstate trade and commerce, and said Barrett Manufacturing Company is ordered to dispose of all stock of the said H. F. Watson Company held by said Barrett Manufacturing Company in excess of forty-five (45)

per cent. of the stock of said H. F. Watson Company, so held by said Barrett Manufacturing Company; and that said Barrett Manufacturing Company and said Products Company, their officers and Directors, are enjoined and prohibited from exercising any control over or management of the business affairs of said H. F. Watson Company; that said defendants are also enjoined and prohibited from entering into any contract, agreement or arrangement with the said H. F. Watson Company relating to the joint purchase of coal or oil tar or to the joint manufacture or sale of coal tar products; and that in disposing of the stock of said Watson Company as herein provided for, it is ordered and decreed that the said Barrett Manufacturing Company shall offer the same for sale to the minority stockholders of said H. F. Watson Company, but said Barrett Manufacturing Company is privileged to accept any other more favorable offer for said stock, or any part of same, than that made by the minority stockholders of said H.F. Watson Company; and it is ordered and decreed that none of the officers or directors of said Products Company or of said Barrett Manufacturing Company or any of its subsidiaries, or of any of the defendant companies herein, shall serve as officers or directors of said H. F. Watson Company.

(m) That said defendants herein and each of them are forever enjoined and prohibited from offering for sale and from selling coal tar and oil tar and roofing material at a less price to customers of competitors of said defendants than said defendants sell such products to their own customers when and where such offers and sales described in this paragraph are made by said defendants with a purpose so to injure the business of such competitor of said Barrett Manufacturing Company and said Products Company as to drive such competitor out of such business in any

particular section of the United States.

(n) That the New York Coal Tar and Chemical Company shall be dissolved, its charter surrendered and its business discontinued.

4. That it is further ordered and decreed that compliance with each and every order heretofore made in this decree, pertaining to the reformation of contracts, the sale of stock and dissolution of companies shall be complete within six months from the date of the entry of this decree and that a showing by said defendants as to compliance with this order shall be made within said period.

New York City,
March 4th, 1913.

Geo. C. Holt
J

UNITED STATES DISTRICT COURT

SOUTHERN DISTRICT OF NEW YORK.

UNITED STATES OF AMERICA,

Petitioner,

against

AMERICAN COAL PRODUCTS COMPANY,

BARRETT MANUFACTURING COMPANY,

ET AL.

Defendants.

DECREE OF INJUNCTION.

HENRY A. WISE, ESQ.,
U. S. Attorney.

CLARK McKERCHER, Esq.,
Special Assistant,
U.S.Att'y-Gen'l.

EXHIBIT "A"

Resolution of Board of Directors of BARRETT MANUFACTURING COMPANY ratifying the action of its officers in cancelling the objectionable clauses referred to and releasing all companies with which it had such contracts from any obligation to it.

124

U.S. DISTRICT COURT
FILED
SEP 4 1913
S.D. of N.Y.

At a meeting of the Board of Directors of the BARRETT MANUFACTURING COMPANY, held at its office, in New York, on the 2nd day of September, 1913, pursuant to notice, a quorum of said Directors being present, the following resolution was adopted:

WHEREAS, in and by the decree entered March 4, 1913, by the District Court of the United States for the Southern District of New York, in the suit wherein The United States of America is Petitioner and the American Coal Products Company, this defendant Barrett Manufacturing Company, et al, are Defendants, it was ordered and decreed, among other things:

"(a) That the contracts entered into between the said Barrett Manufacturing Company and the said Semet-Solvay Company are declared null and void, and said Barrett Company and its officers and directors are forever enjoined and prohibited from enforcing the same unless said contracts are re-formed and objectionable features are eliminated as follows:

(aa) the following clause:

This amount, however, shall not exceed 33-1/3 per cent of the total amount of tar produced at Syracuse.

The production of any further amount of pitch shall be at the option of Barrett, and they agree to make no change in instructions as to the delivery of tar and pitch oftener than oncein two months.

It is mutually understood and agreed that the distillation of the tar at Detroit shall be conducted by Solvay, according to the following plan and arrangements, to wit:

Tar will be distilled by it to furnish only the necessary tar product for its own purposes as set forth above, including tar products to be used in the village of Delray and also for the manufacture of the special grades of paint and the molders' compound, as above specified. This amount, however, shall not exceed 33-1/3 per cent of the total amount produced at said Detroit plant; Provided, however, That if this amount at any time exceed 100,000 gallons per annum at Syracuse or 200,000 gallons per annum at Detroit the Solvay Company shall account to the Barrett Company for the excess over these amounts at the rate of 20 per cent of the price realized by Solvay on tar sold to Barrett under the

contract during the same month.

(bb) And any provision in said contract for future control by purchase or option of productions of tar from ovens not yet in operation.

(b) That all contracts between said Barrett Manufacturing Company and any producer of coal tar or oil tar whereby the producers of coal tar agree to burn any part of said production or agree not to enter into competition with said Barrett Manufacturing Company or its subsidiaries or with said Products Company are decreed to be null and void, and said Barrett Manufacturing Company and said Products Company are forever enjoined from operating under or enforcing the same unless said contracts shall be modified and re-formed by eliminating those provisions or similar provisions to the same effect, and said Barrett Manufacturing Company and its subsidiaries and said Products Company are forever enjoined and prohibited from entering into contracts containing those provisions or similar provisions to the same effect.

(c) That all contracts between said Barrett Manufacturing Company or said Products Company on one hand and any dealers in or producers of coal tar and oil tar on the other hand providing for the sale of said coal tar or oil tar, and wherein it is provided that the contract shall be terminated upon notice, shall be re-formed and changed to provide for certain termination of said contract at a fixed date not to exceed ten years from the date hereof."

AND WHEREAS, the proper officers of this Company have, by written agreement, eliminated from the contract between this Company and the Semet-Solvay Company, and all other Companies with which this Company has agreements, said prohibited clauses (aa), (bb), (b) and (c), which agreements of cancellation are to be filed with the Court as evidence of compliance with said Decree.

Therefore, be it

RESOLVED, that the acts of the officers of this Company in re-forming said contracts, and each thereof, by elimination therefrom of said clauses (aa), (bb), (b) and (c), or any one or more thereof found therein, to comply with the decree of said Court, be and the same are hereby ratified and confirmed; and it is

FURTHER RESOLVED that the said Companies are respectively hereby forever released and discharged from any obligation or liability to this Company, or its successors or assigns, under or in respect of said eliminated clauses; and it is

FURTHER RESOLVED, that the President and Secretary of the Company are authorized and directed to present a copy of the foregoing preamble and resolutions, duly attested, to the Court, to be filed.

A TRUE COPY

ATTEST

Secretary.

American Coal Products Company

17 Battery Place

New York

OFFICE OF PRESIDENT
OF AMERICAN COAL PRODUCTS CO.

NEW YORK, May 8, 1913.

TO THE STOCKHOLDERS
OF AMERICAN COAL PRODUCTS CO.

GENTLEMEN:

Under the Suit in Equity between the United States of America and the American Coal Products Company it was provided that the Barrett Manufacturing Company, a subsidiary company of the American Coal Products Company, should reduce its holdings in the H. F. Watson Company of Erie, Pa., from a majority interest to a minority interest.

In pursuance therewith the Barrett Manufacturing Company offers for sale 2677 shares of the Common Stock of the H. F. Watson Company, at par and accrued dividend, if any such dividend has been declared and is unpaid at the time of sale. The statement of the H. F. Watson Company, as of December 31, 1912, follows on opposite page. The earnings of this Company for the first three months of 1913 are largely in excess of the earnings for the same period of 1912. The statement of the Company shows that it is in a very strong financial position, and the Directors of the American Coal Products Company believe that a dividend of not less than 8% per annum can be expected. They recommend this stock to the stockholders of this Company as being in their judgment a good purchase at the price named.

Advice must be received not later than May 20th as to how much of this stock you would like to purchase, and when the advices are all received the Directors of the Barrett Manufacturing Company will meet the views of each of the stockholders as far as it is possible.

Yours very truly,

WM. H. CHILDS,
President.

BALANCE SHEET

H. F. WATSON CO.

AS OF DECEMBER 31, 1912.

ASSETS.		LIABILITIES.		
Cash and Cash Items	$58,447.40	Accounts Payable		$105,905.30
Call Loan	75,000.00			
Investments	5,300.00			
Notes and Accounts Receivable	254,668.25			
Inventories	256,366.59			
TOTAL CURRENT ASSETS	$649,782.24	TOTAL CURRENT LIABILITIES		$105,905.30
Plants and Equipment	1,492,079.98	Reserves for Depreciation		17,172.07
Furniture and Fixtures	8,019.11	Bonds		823,000.00
Prepaid Charges	1,783.00	Capital Stock:		
Deferred Charges	14,019.85	Preferred	$36,000.00	
		Common	941,500.00	
				977,500.00
		Surplus		742,106.81
	$2,165,684.18			$2,165,684.18

After paying interest on Bonds and dividend on Preferred Stock, Net Earnings for 1912 show 15.05% on Common Stock.

BARRETT MANUFACTURING COMPANY
17 Battery Place

W.H. CHILDS
PRESIDENT

New York,

April 14,1913.

Mr. Ralph Worthington,
Cleveland, Ohio.

Dear Sir:

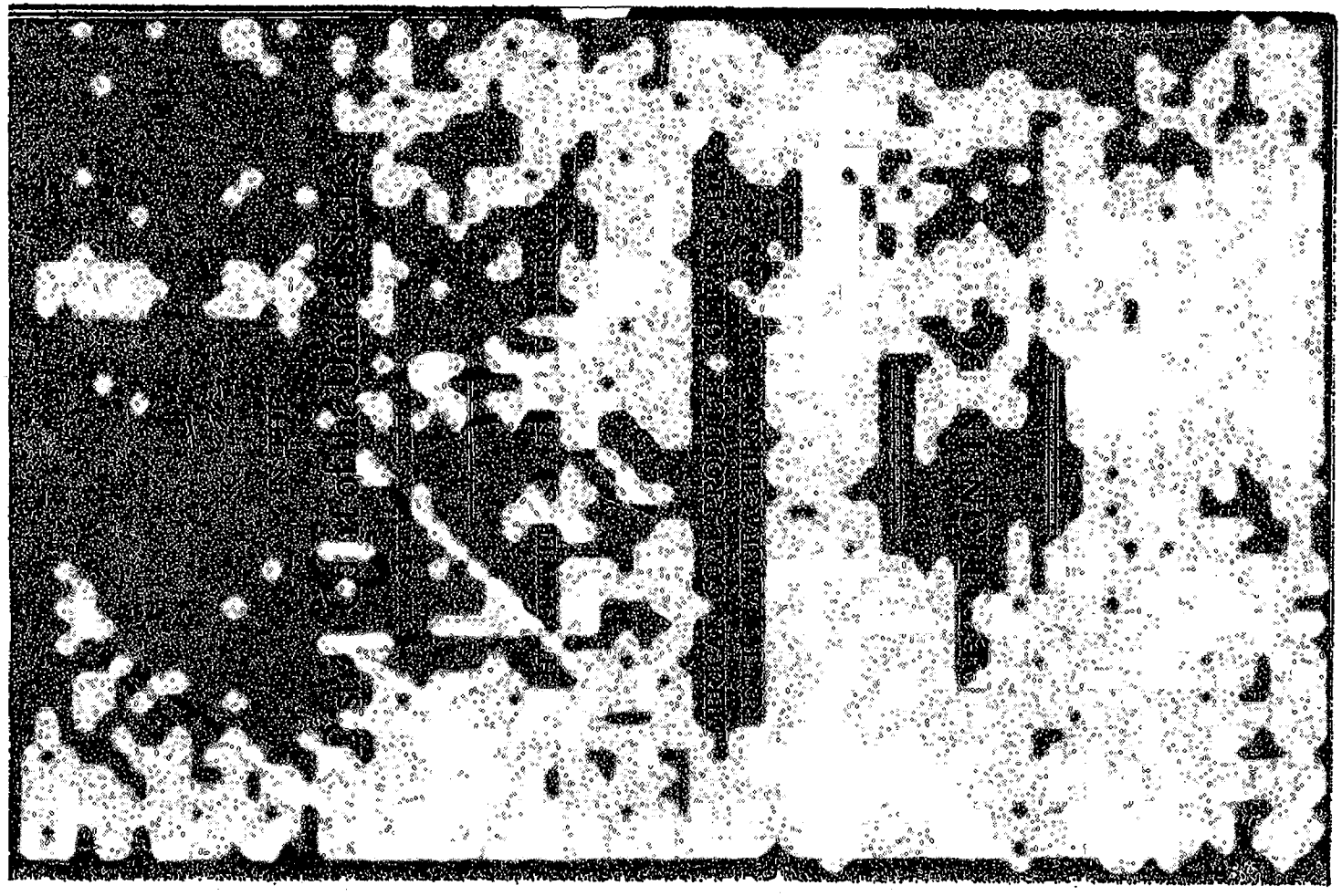
Under the Decree of Injunction in the case of the United States of America against the American Coal Products Company, Barrett Manufacturing Company, etc., it becomes necessary for the Barrett Manufacturing Company to sell 2677. shares of the stock of the H. F. Watson Company. In conformity, therefore, with said Decree, we herewith give you an opportunity to make an offer for the whole number of shares, or any part thereof, and if you desire to purchase any of this stock, so advise us on or before April 25th, 1913. A statement of the Assets. Liabilities and Earnings of the H.F.Watson Company will be shown to you at the office of said Company upon request.

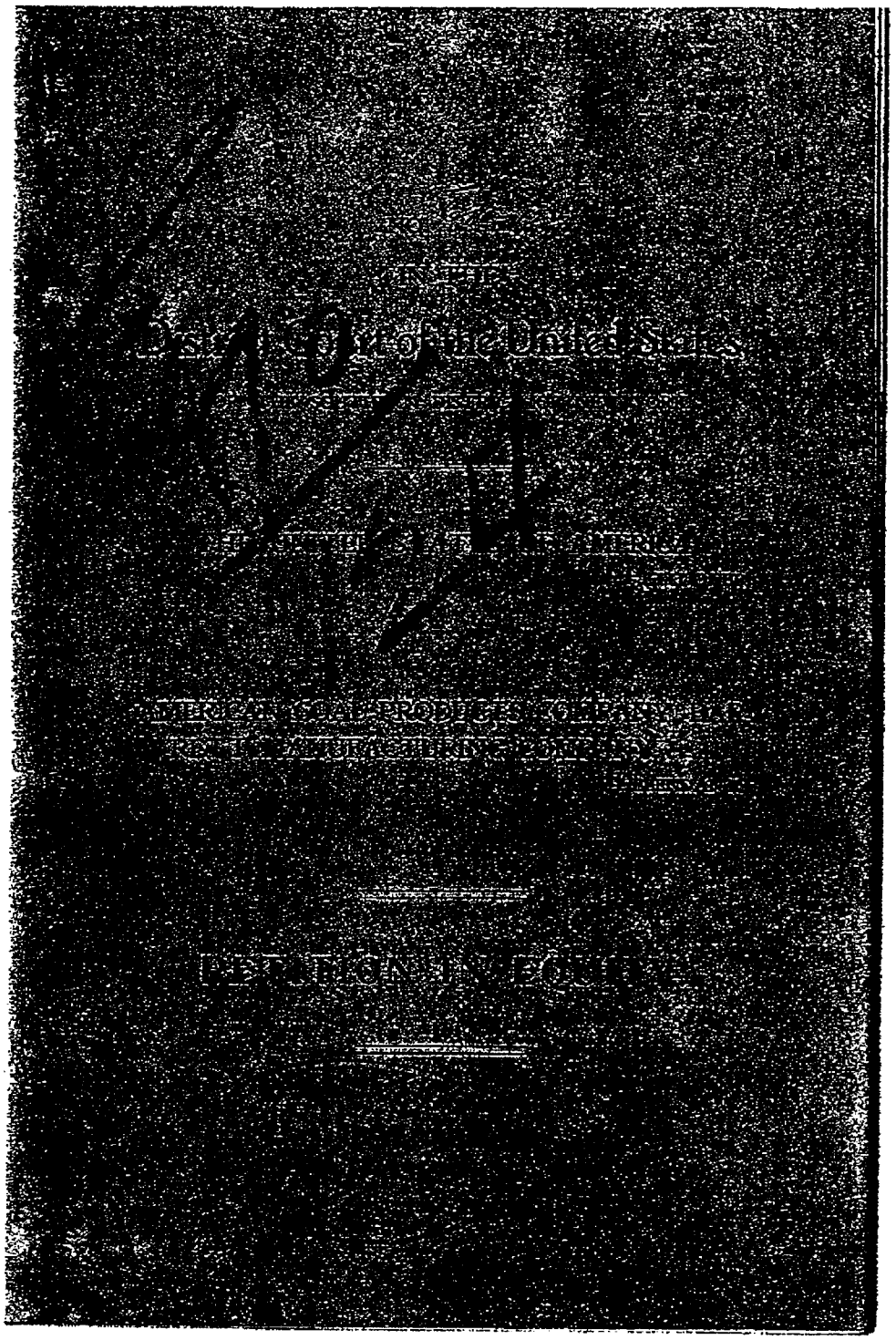
If we do not have a reply to this letter on or before April 25th, 1913, we will consider that you do not care to make any offer for all or any part of the said stock.

Yours very truly,

W H Childs President.

WFC MA





pany, of New Jersey; Cambria Steel Company, of Pennsylvania; Duluth Tar Company, of Minnesota; M. Ehret, Jr., & Company, of Pennsylvania; Warren-Ehret Company, of Pennsylvania; New York Coal Tar & Chemical Company, of New York; New York Roofing Company, of New York; H. W. Jayne Chemical Company, of Pennsylvania; Isaac D. Fletcher; William H. Childs; Samuel H. Bingham; Thomas M. Rianhard; John C. Runkle; W. N. McIlravy; Ernest J. Steer; Frank B. Foster and Hugo Henning.

I.

Jurisdiction.

The defendants above named are engaged in interstate trade and commerce in the purchase of coal tar and oil tar from gas plants and coke oven properties in various parts of the United States, and in the manufacture and sale over the whole of the United States and in foreign countries, of tarred roofing felt, roofing and paving pitch and other coal tar products; and exist and are doing business in said Southern District of New York; and said defendants are violating the provisions of the Act of Congress passed July 2, 1890, entitled, "An Act to protect trade and commerce against unlawful restraints and monopolies" by contracting and combining with intent to monopolize, and by monopolizing, the supply of coal tar and restraining the trade of competitors in the purchase of coal tar and in the manufacture and sale of tarred roofing felts, coal tar pitch and other coal tar products by restricting and interfering with free and open competition in said trade in said Southern District of New York and in other States of the United States.

This proceeding is instituted to prevent and restrain the hereinafter particularly described agreements, con-

tracts, combinations, restrictions, restraints and monopolies of and upon said interstate trade in said commodities.

On information and belief, your petitioner alleges and shows:

II.

Description of Defendants.

(a) The American Coal Products Company is a corporation of the State of New Jersey, incorporated under the laws of that State in February, 1908, with its offices and principal place of business in the City of New York, New York. It is a stock holding company owning the shares of the Barrett Manufacturing Company of West Virginia, the stock of the Pittsburg Gas & Coke Company, of Pennsylvania, and the stock of the McKeesport Gas Improvement Company, of Pennsylvania, as hereinafter described. This company will hereinafter be called the "Products Company."

(b) Barrett Manufacturing Company, of West Virginia, is a corporation organized in April, 1896, under the laws of the State of West Virginia, with its offices and principal place of business in the City of New York, New York. This company is engaged in buying crude coal tar, manufacturing the same into numerous coal tar products and selling the crude coal tar and its products over the entire United States, Canada, Mexico, and other foreign countries. This company also holds by ownership, or by absolute control, all of the capital stock of the following companies: Barrett Manufacturing Company, of Maine; National Coal Tar Company, of Delaware; United Roofing & Manufacturing Company, of Delaware; The Eastern Granite Roofing Company, of New Jersey; W. H. Rankin Company, of New Jersey;

(e) The United Roofing & Manufacturing Company is a corporation organized under the laws of the State of Delaware, with its principal place of business at Philadelphia, Pennsylvania; it is the successor, by an amended charter, of the Buchanan-Foster Company, which was organized and incorporated under the laws of the State of Delaware, in October, 1902. The Buchanan-Foster Company was formerly engaged in the purchase of crude coal tar, and the manufacture and sale of coal tar products throughout the various States of the United States, in competition with the Barrett Manufacturing Company, of West Virginia, but it now only sells certain goods manufactured by the H. F. Watson Company, of Pennsylvania, and the Barrett Manufacturing Company, of West Virginia. Its capital stock is $150,000, all of which is held by the Barrett Manufacturing Company, of West Virginia.

(f) The Eastern Granite Roofing Company is a corporation organized under the laws of the State of New Jersey in March, 1885, with its principal place of business at Jersey City, New Jersey, with a capital stock of $40,000, now owned by the Barrett Manufacturing Company, of West Virginia. This company was formerly engaged in the purchase of coal tar and the manufacture and sale of a special type of tarred roofing under a copyrighted label known as "Granite Roofing," but it is now only engaged in selling that brand of roofing which is manufactured by the Barrett Manufacturing Company, of West Virginia.

(g) The W. H. Rankin Company is a corporation organized under the laws of the State of New Jersey, August 31, 1898, with a capital stock of $300,000. This company was formerly engaged in the purchase of coal tar, and the manufacture and sale of tar products, tarred felts, pitch, and prepared roofings. Since the control of the company was acquired by the Barrett Manufacturing Com-

Warren Chemical & Manufacturing Company, of New Jersey; Union Coal Tar & Chemical Company, of New Jersey; M. Ehret, Jr., & Company, of Pennsylvania; Warren-Ehret Company, of Pennsylvania; New York Coal Tar & Chemical Company, of New York; Commonwealth Roofing Company, of Delaware; and New York Roofing Company, of New York, and holds a majority of the capital stock of each of the following companies: H. F. Watson Company, of Pennsylvania, and Duluth Tar Company, of Minnesota.

(c) The National Coal Tar Company is a corporation organized about May, 1899, under the laws of the State of Delaware, with a capital stock of $1,000,000, owned entirely by the Barrett Manufacturing Company, of West Virginia, and its officers. The National Coal Tar Company owned a part of the assets and business of the Mica Roofing Company, a partnership and a competitor of the Barrett Manufacturing Company, of West Virginia, as hereinafter described. The National Coal Tar Company subsequently reduced its capital stock to $10,000, and turned over its assets and business, but not its capital stock, to the Barrett Manufacturing Company, of Maine, and has been inactive since about September, 1909.

(d) H. F. Watson Company is a corporation organized in April, 1891, under the laws of the State of Pennsylvania, with a capital stock of $1,000,000, of which $982,500 has been issued; seventy per cent. of said stock is owned by the Barrett Manufacturing Company, of West Virginia. It is engaged in the purchase of crude coal tar and the manufacture and sale of coal tar products throughout the United States and Canada in direct competition with Barrett Manufacturing Company, of West Virginia, and its subsidiaries, although it purchases some of its requirements of coal tar from said Barrett Company.

pany, of West Virginia, in November, 1903, the Rankin Company has transferred all of its assets to the Barrett Manufacturing Company, of West Virginia, reduced its capital stock to $10,000, all of which is held by the Barrett Company, of West Virginia, and has been inactive and done no business since about January, 1906.

(h) Warren Chemical & Manufacturing Company, is a corporation organized about August, 1899, under the laws of the State of New Jersey, with its offices and principal place of business at New York City, New York; its capital stock is $50,000, all of which is owned by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors; its business is the manufacture and sale of asphalt roofing and the sale of products of the Barrett Manufacturing Company, of West Virginia, under the name of the Warren Chemical & Manufacturing Company.

(i) Commonwealth Roofing Company is a corporation organized under the laws of the State of Delaware in June, 1899, with a capital stock of $200,000, all of which is held by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors; its assets were the roofing contracting business of three separate contracting competing companies operating in New York, New Jersey and New England; its office and prinicipal place of business is now at Jersey City, New Jersey, and its business is that of contracting for building of roofs using the Barrett Manufacturing Company's products.

(j) Union Coal Tar & Chemical Company is a corporation organized under the laws of the State of New Jersey, in November, 1900, with its principal place of business at Chicago, Illinois. The capital stock of this company, with its assets and tar purchasing contracts, was purchased in 1902 by the Barrett Manufacturing Company, of West Virginia; subsequent thereto the capital stock of the company was reduced to $10,000, all of which is held by the Barrett Manufacturing Company, of West Virginia, and it has since been inactive and now does no business, though its corporate existence has been maintained.

(k) Cambria Steel Company is a corporation organized under the laws of the State of Pennsylvania, prior to 1902; while its principal business is in the manufacture of steel, in the operation of a coke oven plant, it produces large quantities of coal tar, and formerly manufactured coal tar products therefrom, consisting of roofing felts, pitch, and other commodities, in competition with the Barrett Manufacturing Company, of West Virginia, and its subsidiary companies, which business was known as the "N. West Department of Cambria Steel Company;" in April, 1902, the Barrett Manufacturing Company, of West Virginia, purchased the same for a certain cash consideration and certain stock in the Barrett Manufacturing Company, which stock has since been exchanged for the stock of the aforementioned Products Company; and the tar products business of the said Steel Company is now conducted by, and under the name of, the Barrett Manufacturing Company.

(l) Duluth Tar Company is a corporation organized in February, 1904, under the laws of the State of Minnesota, with its offices and principal place of business at Duluth, Minnesota, having a capital stock of $95,000 issued, fifty-one per cent: of which is held by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors. This company is engaged in the manufacture of tarred roofing felts, and tar products, which it sells only to the Barrett Manufacturing Company, and one other company owning the remaining forty-nine per cent. of its stock.

(m) M. Ehret, Jr. & Company is a corporation or-

ganized and incorporated in the year 1892, under the laws of the State of Pennsylvania, with its office and principal place of business at Philadelphia, Pennsylvania. Its capital stock is $300,000, all of which is held by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors. This company was originally engaged in the purchase of coal tar and the manufacture and sale of roofing felts and other tar products and was one of the companies used in the consolidation of the Barrett Manufacturing Company, of West Virginia, in 1896, and has been inactive and done no business since about that time, except retaining the title to certain real estate in the State of Pennsylvania.

(n) Warren-Ehret Company is a corporation organized and incorporated in the year 1887, under the laws of the State of Pennsylvania, having its offices and principal place of business at Philadelphia, Pennsylvania; its capital stock is $30,000, once owned by M. Ehret, Jr. & Company, but all of which is held by the Barrett Manufacturing Company, of West Virginia, and the officers and Directors of that company since the consolidation in 1896; it is engaged in the business of contracting for the building of roofs using the products of the Barrett Manufacturing Company, and that company's subsidiaries.

(o) New York Coal Tar & Chemical Company is a corporation organized and incorporated under the laws of the State of New York, having its principal place of business at the City of New York, New York. Prior to the formation of the Barrett Manufacturing Company, of West Virginia, in 1896, this company was engaged in the purchase of crude coal tar, and the manufacture and sale of tar products, including roofing felts and pitch; and in 1896 it consolidated with other companies and formed the Barrett Manufacturing Company, of West

Virginia, transferring practically all of its assets, contracts, and stock to the Barrett Manufacturing Company, of West Virginia; and has, since 1896, been inactive and done no business, though its corporate existence has been maintained, and it has a capital stock, at the present time, of $500, all of which is held by the Barrett Manufacturing Company, of West Virginia, and the officers and Directors of that company.

(p) New York Roofing Company is a corporation organized and existing under the laws of the State of New York, with its principal offices and place of business at New York City, New York, and having a capital stock of $30,100, all of which is held by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors. This company was formerly engaged in the business of constructing roofs. In 1896, when the Barrett Manufacturing Company, of West Virginia, was formed, this company went into that consolidation as a part of the New York Coal Tar & Chemical Company, which then owned and controlled it, though its separate corporate existence was maintained thereafter. In June, 1899, when the Commonwealth Roofing Company was formed, the assets and business of the New York Roofing Company were turned over to that corporation, and it has been inactive and done no business since that time.

(q) H. W. Jayne Chemical Company is a corporation organized and incorporated under the laws of the State of Pennsylvania, in October, 1887, with its offices and principal place of business at Philadelphia, Pennsylvania; it has a capital stock of $100,000, all of which is held by the Barrett Manufacturing Company, of West Virginia, and its officers and Directors. This company was formerly engaged in the purchase of coal tar, and the distillation thereof, and the sale of tar products, such as creosote oil, naphthaline, nitrobenzol, carbolic acid, naphtha, and other

chemical products of tar. In 1896, when the Barrett Manufacturing Company, of West Virginia, was formed, the Jayne Company transferred its properties and business to the said Barrett Company and has since been inactive and done no business in its own name.

(r) Isaac D. Fletcher, at No. 17 Battery Place, New York City, is the President, member of the Executive Committee and member of the Board of Directors of the Barrett Manufacturing Company, of West Virginia; and is chairman of the Executive Committee and member of the Board of Directors of the American Coal Products Company; and is President and member of the Board of Directors of the Barrett Manufacturing Company, of Maine; and is a member of the Board of Directors of the Warren Chemical and Manufacturing Company; and is President of the New York Coal Tar & Chemical Company.

(s) William H. Childs, at No. 17 Battery Place, New York City, is the President, a member of the Board of Directors and a member of the Executive Committee of the American Coal Products Company; and is Vice-President, a member of the Board of Directors and a member of the Executive Committee of the Barrett Manufacturing Company, of West Virginia; and is President of the Commonwealth Roofing Company; and is Vice-President of the National Coal Tar Company; and is Assistant Secretary and Assistant Treasurer of the Union Coal Tar & Chemical Company; and is a member of the Board of Directors of the following companies: Barrett Manufacturing Company, of Maine; Pittsburg Gas & Coke Company; Warren Chemical & Manufacturing Company, and H. F. Watson Company.

(t) Ernest J. Steer, at No. 17 Battery Place, New York City, is Secretary and Treasurer of the American Coal Products Company; and is Secretary and Treasurer of the

Barrett Manufacturing Company, of West Virginia; and is Secretary and Treasurer and a member of the Board of Directors of the Barrett Manufacturing Company, of Maine; and is Secretary and Treasurer and a member of the Board of Directors of the Pittsburg Gas & Coke Company; and is Assistant Secretary, member of the Board of Directors, and member of the Executive Committee of H. F. Watson Company; and is Secretary of the National Coal Tar Company; and is Assistant Secretary and member of the Board of Directors of the United Roofing & Manufacturing Company; and is a member of the Board of Directors of the Warren Chemical & Manufacturing Company.

(u) Thomas M. Hanhard, at No. 17 Battery Place, New York City, is Vice-President and member of the Board of Directors of the American Coal Products Company; and is Vice-President, member of the Board of Directors and member of the Executive Committee of the Barrett Manufacturing Company, of West Virginia; and is President and a member of the Board of Directors of the Pittsburg Gas & Coke Company; and is President and a member of the Board of Directors of the Warren Chemical & Manufacturing Company; and is Vice-President of the Commonwealth Roofing Company; and is a Director and member of the Executive Committee of the H. F. Watson Company; and is a member of the Board of Directors of the following companies: Barrett Manufacturing Company, of Maine; Eastern Granite Roofing Company, and United Roofing & Manufacturing Company.

(v) Samuel H. Bingham, of Chicago, Illinois, is Vice-President, member of the Board of Directors and member of the Executive Committee of the American Coal Products Company; and is Vice-President, member of the Board of Directors and member of the Executive Committee of the Barrett Manufacturing Company, of West Virginia; and

is Vice-President and Director in the Duluth Tar Company, of Minnesota; and is Vice-President of the Union Coal Tar & Chemical Company; and is a member of the Board of Directors of the Warren Chemical and Manufacturing Company.

(w) John C. Runkle, of Boston, Massachusetts, is a member of the Board of Directors of the American Coal Products Company; and is Vice-President, a member of the Board of Directors, and a member of the Executive Committee of the Barrett Manufacturing Company, of West Virginia; and is Vice-President and Director of the Barrett Manufacturing Company, of Maine; and is President of the National Coal Tar Company.

(x) W. N. McIlravy, at No. 17 Battery Place, New York City, is Vice-President, and a member of the Board of Directors of the American Coal Products Company; and is Vice-President and member of the Board of Directors of the Barrett Manufacturing Company, of West Virginia; and is a member of the Board of Directors of the Pittsburg Gas & Coke Company.

(y) Frank B. Foster, of Philadelphia, Pennsylvania, is President of the United Roofing & Manufacturing Company.

(z) Hugo Henning, at No. 17 Battery Place, New York City, is President of The Eastern Granite Roofing Company.

The full names of the individual defendants above named, where omitted, are to petitioner unknown.

III.

The Trade in Coal Tar and its Products.

(1) *Purchase of Coal Tar.* The supply of coal tar throughout the United States principally is from what are known as by-product coke ovens, the remainder coming from gas plants using coal for the manufacture of gas. In both instances it is from the destruction of coal, to secure, primarily, either coke or gas, that tar is saved as a by-product of coal. Coal tar is produced in forty-six of the States of the United States, including the District of Columbia, and is extensively purchased and transported in and between said States, and amounts to approximately 2,774,243, barrels per annum, which is purchased by the manufacturers of tar products of every kind and description and by users of crude coal tar throughout the entire United States in the following proportions: By Barrett Manufacturing Company, of West Virginia, and its subsidiaries, 80.6 per cent.; by all other users and manufacturers, 19.4 per cent. The use of large quantities of coal tar is necessary in the manufacture of tarred felts and pitch for roofing purposes, and the purchase, sale and shipment of said products to various points in said States are operations in interstate commerce.

Oil tar is the by-product of gas-making companies, in nearly every State of the United States, using crude petroleum in gas-making instead of coal. There is thus produced about 1,206,988 barrels of oil tar per year in the United States, of which the said Barrett Company has under contract and purchases 385,195 barrels, or 31.1 per cent. This oil tar is used to some extent for saturating felt and making pitch for various purposes, but is not so desirable, and is not used to the same extent in the manufacture of roofing materials, as coal

tar is so used by said Barrett Company or any of its competitors.

The total percentage of coal tar and oil tar together controlled by the said Barrett Company is about sixty (60) per cent.

(2) *Manufacture and Sale of Coal Tar and its Principal Products.* Coal tar in its crude form has long been used to saturate dry felt and thus form a roofing product known as tarred felt. By a method of distilling coal tar, there are a large number of chemical properties secured, but the principal products are creosote oil and pitch. Tarred felt and pitch are purchased, transported and used extensively in practically every State of the United States, Canada, Mexico and other foreign countries in the construction of what are known as slag and gravel roofs. This is done by putting a layer of tarred felt over the roof boards of a building, and cementing other layers thereon with pitch, until the required number of thicknesses have been laid, upon the top of all of which is spread pitch, and then slag or gravel on the pitch. Pitch is also extensively used in practically every State of the United States, and in foreign countries, to cement wood-block, brick, granite and other forms of pavement together, as well as for waterproofing. The control of the supply of coal tar, as hereinbefore mentioned, by the Barrett Manufacturing Company, of West Virginia, and its subsidiary companies, has resulted in a substantial control of the supply of coal tar pitch for roofing and paving purposes in about the same proportion as governs the supply of crude coal tar heretofore described, as well as of the manufacture and sale of tarred felt, in the manufacture of which coal tar is used, to a substantial amount.

IV.

The Combination and Monopoly.

The aforesaid necessity for the use of coal tar in the manufacture of tarred felt and pitch used for roofing purposes has existed for many years, and successful control of the industry of manufacture and sale of such roofing material as requires the use of coal tar has always depended upon the control of the supply of coal tar.

The defendants in this case have, over a long period of years since prior to 1896, built up by purchases of, and combinations with, competing industries and properties, as herein described, a substantial control of the supply of said coal tar to the extent that some manufacturing industries using coal tar in the manufacture of commodities sold and shipped in interstate commerce in competition with defendants herein, have been and are unable to secure sufficient quantities of coal tar in the open market with which to conduct their business, and have been and are compelled to purchase a part, or their entire supply of the same from the Barrett Manufacturing Company, defendant herein, at prices in excess of that paid by said Barrett Company to the producers of said commodities.

This control of said coal tar and pitch has accomplished and does result in an undue and unlawful restraint of the business of independent companies manufacturing and marketing tarred felt for roofing in competition with defendants herein, in that said competing independent companies, not being able to secure an adequate supply of coal tar and coal tar pitch, are unable to successfully compete with the said defendants herein in the manufacture and sale of tarred felt using coal tar for roofing.

The said defendants have also secured by purchase the control of some operating companies and industries con-

ducting the business, under their own names, of building roofs with said tarred felt and pitch, and independent operators and contractors attempting to compete in said business of erecting and building roofs in said localities and attempting to use the product of independent makers of tarred felt herein, are unable successfully to compete with said defendants in said business.

The supply of coal tar is purchased as aforesaid from coke oven industries and gas making companies throughout the United States by means of contracts between the Barrett Manufacturing Company, defendant herein, and the aforesaid producers of coal tar, which contracts cover the entire production of such producers as signed the same but many of which are terminable upon notice by either party thereto, that is to say, are not automatically terminable at the end of any fixed term; except as to sale for local consumption, said contracts cover the entire production of the producing party thereto, and said contracts further provide as to sales for local consumption and generally that the producer shall not, in the sale for local consumption, or otherwise, compete with the said Barrett Company; and said contracts further provide that said producer shall "burn, or otherwise dispose of, not in competition with and without cost to Barrett Company, when requested so to do by Barrett Company, such proportion of its production of coal tar as the quantity of coal tar burned by Barrett Company at all of its plants, plus the coal tar burned by all the producers of tar selling to Barrett Company, bears to the quantity of tar produced by all said tar producers and by Barrett Company," which proportion was generally estimated at about fifteen per cent. during the term of such contract; coal tar has been disposed of in accordance with said provisions in said contracts, all of which operation, in view of the large proportion of coal tar said Barrett Manufacturing Company is able to and does control as aforesaid, accomplishes an undue restraint upon the trade of the producer of said coal tar as well as upon the independent purchaser and distiller of the same, and is an unlawful restraint upon general trade and commerce in said commodity by way of restriction upon, restraint in, and elimination of, free and open competition in the purchase and use of coal tar as aforesaid.

Coal and oil tar purchased by said Barrett Manufacturing Company in excess if its demand for manufacturing is disposed of by said defendant by burning for fuel and by distilling and exporting for briquetting purposes, which operation involves an actual loss in that the revenue secured thereby is less than the initial cost of said coal tar.

The said Barrett Manufacturing Company and its said subsidiaries further preserve the aforesaid control of the trade in certain sections of the United States by a method of sale of its product whereby a customer is required to purchase a certain proportion of tarred felt with a certain proportion of pitch, and the said Barrett Company having a substantial control in the sale of coal tar pitch, its competitors in some cases are unable freely to sell their production of tarred felts without purchasing a supply of pitch from said Barrett Company.

In the sale of tar and pitch to favored competitors, the said Barrett Manufacturing Company quotes and charges a less price than it does to competitors who are for any reason unfavored; with the power of the aforesaid control in its hands, said Barrett Company thus accomplishes a further restraint on the trade of certain competitors in the trade of tarred felts, pitch and roofing materials.

V.

History and purpose of acquiring competing companies.

In November, 1883, the distillers of coal tar procured from gas manufacturing plants were operating independently and in open competition with each other in various parts of the United States. In November, 1883, the National Coal Tar Distillers Association of the United States was formed, consisting of eighteen of said independent distillers, the officers of fourteen of which are now officers of or closely affiliated with and their companies owned by the American Coal Products Company and the Barrett Manufacturing Company, defendants herein. The official resolutions of said association show that the production of coal tar was considered to be in excess of the demand and it was agreed by the members to destroy twenty-five per cent. of such production as could be controlled. This was the foundation of the plan to destroy the surplus production of coal tar, and contracts thereafter made provided ways and means therefor.

In March, 1889, the S. E. Barrett Manufacturing Company was formed by the combination of seven competing companies, including S. E. Barrett, of Chicago, Ehret Warren Manufacturing Company, and the Chicago branch of M. Ehret, Jr., & Company; each of these companies took a proportionate allotment of stock in the new company and thereafter operated under the one head of the S. E. Barrett Manufacturing Company.

In April, 1896, the Barrett Manufacturing Company of West Virginia, was organized with $15,000,000 capital by a combination of companies and interests theretofore in open competition each with the other in the purchase of coal tar and manufacturing and marketing of coal tar

products, with one exception as noted. These companies were: S. E. Barrett Manufacturing Company; I. D. Fletcher, of New Orleans; Warren-Ehret Company, of Philadelphia; New York Coal Tar and Chemical Company, of New York; M. Ehret, Jr., & Company (Philadelphia branch), and H. W. Jayne Chemical Company, which was a branch of the M. Ehret, Jr., & Company aforesaid. The companies mentioned herein with their allied interests as forming the combination of 1896 were the principal distillers and users of coal tar in the United States, and at said time were doing collectively more than fifty per cent. of the business in those lines in the United States.

VI.

Barrett Manufacturing Company, of West Virginia, and its combinations and alliances.

Mica Roofing Company and National Coal Tar Company.

Up to 1895, coal tar was the product of gas making companies. In 1895, a new process of saving the by-products of coal in making coke was put into operation in the United States. The first production of coal tar by that process was that of the Cambria Steel Company which was used by that company in operating a distilling and saturating plant at Johnstown, Pa. The Pittsburgh Gas & Coke Company had a similar production taken by the Barrett Company. The Semet-Solvey Company controlled the production from somewhat similar ovens and sold the coal tar to the Mica Roofing Company, Warren Chemical & Manufacturing Company, and Barrett Manufacturing Company. In 1899 a large production of coal tar by this new process came into the market from the New England Coal & Coke Company, at Everett, Massachusetts, which pro-

duction was contracted for and purchased entirely by the Mica Roofing Company, a partnership operating in competition with the defendant Barrett Company and with manufacturing plants located at South Brooklyn, N. Y., and Indianapolis, Indiana. In March, 1899, the owners of the Mica Roofing Company agreed to a "consolidation" with the defendant, the Barrett Manufacturing Company, of West Virginia, which was effected by transferring the property, business and good-will of the Mica Company to the Barrett Company and thence to the National Coal Tar Company, incorporated by the officers of the Barrett Company for that purpose, and the payment by the Barrett Company to the partners in the Mica Roofing Company of a large consideration, partly in bonds and stock of said Barrett Company, and the balance in cash. The business of said Mica Roofing Company has since been under the ownership and control of the said Barrett Company, although prior to the said consolidation in 1899, these two interests were in open competition in the purchase and use of coal tar and in the manufacture and sale in many States of tarred felt and roofing material and were the largest operators in that line in the United States. The National Coal Tar Company has since parted with the property of the Mica Company by transfer to other Barrett Company interests, its capital reduced from $1,000,000 to $10,000 and is now inactive.

The Warren Chemical & Manufacturing Company.

The Warren Chemical & Manufacturing Company prior to 1899 did a business in the manufacture and sale in various States of "asphalt roofing," which employed the use of asphalt but not of coal tar and also did some business in purchasing coal tar and manufacturing and marketing tarred felts, using coal tar from the Semet-Solvay Company aforesaid. The Barrett Manufacturing Company, defendant, had not theretofore done any business in asphalt roofing, which was and is carried on by a large number of independent dealers. In June, 1899, the business and property of the Warren Chemical & Manufacturing Company was purchased by the Barrett Manufacturing Company and the principal officers and Directors of the said Warren Company, John C. Runkle, and Thomas M. Rianhard, defendants herein, became officers and Directors of the said Barrett Company. The business of the Warren Chemical & Manufacturing Company was enlarged to include the marketing in various States of the line of products manufactured by the said Barrett Manufacturing Company, all of which business is conducted by the said Barrett Company under the name of the Warren Chemical & Manufacturing Company in the guise of competition with itself and with independent manufacturers and marketers of similar products, which petitioner avers is unfair competition.

Commonwealth Roofing Company.

In 1899, the Barrett Manufacturing Company owned the New York Roofing Company, the New York branch of the Warren-Ehret Company, and the roofing department of the National Coal Tar Company operating in New York and New Jersey and a part of the New England States, and all three companies were generally supposed to be in competition with each other. In June, 1899, the Barrett Manufacturing Company interests secured the incorporation of the Commonwealth Roofing Company, of which the said Barrett Company owned the stock, and consolidated the three roofing companies heretofore mentioned and transferred the assets to the said Commonwealth Roofing Company. In 1912, the Barrett Company sold that part of said business covering trade in New York City and New England but retained and continues the balance of said business in the name of the Commonwealth Roofing Company; that by reason of the aforesaid control of

the materials necessary in making tarred felt roofs, independent competitors must and do buy from said Barrett Manufacturing Company.

The Eastern Granite Roofing Company.

Prior to 1900, the Eastern Granite Roofing Company did an independent business competing with the said Barrett Manufacturing Company, defendant herein, in the purchase of coal tar, and manufacture and sale of tarred felt for roofing puposes, but produced a slightly different article of roofing which in its finished state was only generally in competition with said Barrett Manufacturing Company. At some time prior to March, 1900, said company purchased supplies, such as tarred felt, from said Barrett Company. In March, 1900, the Barrett Manufacturing Company purchased the capital stock and business of said Eastern Granite Roofing Company, dismantled its plant and manufactures the same roofing at the plant at Shadyside, New Jersey, marketing it as an independent article under the name of the Eastern Granite Roofing Company. This operation by reason of the control heretofore described is unfair competition.

Union Coal Tar & Chemical Company.

Prior to 1902, the Union Coal Tar & Chemical Company, was a New Jersey corporation doing its business in the middle western States, with headquarters at Chicago, and buying oil tar and coal tar and manufacturing and marketing tarred felt, pitch and roofing materials in competition with the Barrett Manufacturing Company. In January, 1902, the said Barrett Company, defendant herein, bought the capital stock and business of the Union Coal Tar Company, including a valuable contract with the Peoples Gas Light & Coke Company, of Chicago, Ill., for oil tar produced by the latter. Thereafter, the same business has been conducted by the said Barrett

Manufacturing Company of West Virginia, under its own name, at the original plant at Chicago, the corporate existence of the Union Coal Tar & Chemical Company being maintained, although the company is inactive.

Cambria Steel Company.

The business of the Cambria Steel Company primarily has been the manufacture of steel in which is used coke of its own manufacture. In the manufacture of coke the by-product of coal tar is saved and prior to 1902 the business of handling this coal tar production, and manufacture and sale of tarred felt, pitch and roofing material in competition with the Barrett Manufacturing Company, was conducted by a department called the "N. West Department of Cambria Steel Company," at Johnstown, Pennsylvania. In April, 1902, the Barrett Manufacturing Company bought the said N. West Department of the Cambria Steel Company, delivering therefor certain shares of stock of the Barrett Manufacturing Company which were subsequently exchanged for stock of the American Coal Products Company, and undertaking to handle the entire tar production of said Cambria Steel Company for the twenty years next ensuing, and leasing the ground on which said tar distilling and saturating plant is located at Johnstown, Pennsylvania. The then President of the Cambria Steel Company is a Director in the American Coal Products Company. The business of said "N. West Department," since April, 1902, has been conducted by the Barrett Manufacturing Company in its own name at Johnstown, Pennsylvania.

The Buchanan-Foster Company and United Roofing & Manufacturing Company.

Prior to October, 1902, the Buchanan-Foster Company was a partnership composed of R. George Buchanan, Frank B. Foster, and others, at Philadelphia, Pennsyl-

vania, doing the business of purchasing coal tar and manufacturing and marketing tarred felts, pitch and roofing materials in competition with the Barrett Manufacturing Company, and was incorporated in Delaware under the same name and to do the same business in October, 1902. About November 1, 1902, the Barrett Manufacturing Company purchased the assets, good will and capital stock of said Buchanan-Foster Company for $100,500 in stock of the Barrett Company and $88,224 in cash. In 1908, the charter of the Buchanan-Foster Company was amended to change its name to United Roofing and Manufacturing Company, with a capital stock of $150,000, all owned by the said Barrett Company. At some time between 1902 and the present time the manufacturing business as well as the business of purchasing coal tar by the Buchanan-Foster Company or the United Roofing & Manufacturing Company was dropped and its present business is marketing roofing materials made by the Barrett Manufacturing Company and by the H. F. Watson Company, of Erie, Pennsylvania, which latter company is controlled by said Barrett Company.

The American Coal Products Company.

Prior to 1903, the properties acquired by the said Barrett Manufacturing Company were secured through the operations of that company, as heretofore described. In February, 1903, there was incorporated in New Jersey, the American Coal Products Company, which company thereafter owner the capital stock of the said Barrett Company and of other companies, as hereinafter described. Subsequent acquisition of properties by the said Barrett Manufacturing Company were in general or special features connected with the said Products Company, as hereafter shown. The particular facts as to

the formation of the said Products Company will be shown hereafter.

W. H. Rankin Company.

Prior to November, 1903, the W. H. Rankin Company, a corporation of New Jersey, doing business at Elizabeth, New Jersey, was engaged in the purchase of coal tar, distilling the same, manufacture and sale of tarred felt, pitch and roofing material in competition with the said Barrett Manufacturing Company. In November, 1903, the said Barrett Manufacturing Company purchased the business, good-will and capital stock of the W. H. Rankin Company by transfer of Barrett Company stock to the American Coal Products Company and the latter company transferred its stock to the stockholders of the W. H. Rankin Company, which is now inactive and does no business.

Duluth Tar Company.

In 1904, there was a large production of coke oven coal tar from the Zenith Furnace Company's plant at Duluth, Minnesota. To take care of this tar the said Barrett Company organized the Duluth Tar Company, taking fifty-one per cent. of the stock, the balance being taken by The Marshall-Wells Hardware Company, a dealer in roofing materials at Duluth, Minnesota. The Zenith Company's coke ovens were erected under a license agreement from the United Coke & Gas Company, owned at the time by the American Coal Products Company. The Duluth Tar Company buys its supply of coal tar from said Zenith Company, and manufactures tarred felt and pitch, selling its entire product to the Barrett Manufacturing Company and Marshall-Wells Company, and does all of said business in its own name.

H. F. Watson Company.

In November, 1905, the Barrett Manufacturing Company, by transfer of stock through the American Coal Products Company, purchased seventy per cent. of the stock of the H. F. Watson Company, then doing a large business of buying coal tar and manufacturing and selling pitch, tarred papers and other roofing material in competition with said Barrett Company. Since securing control in the manner stated, officers and Directors of the Barrett Company have been in control of the business of the said Watson Company which is conducted as a business under the name of the H. F. Watson Company in the guise of an independent concern, which petitioner avers is unfair competition.

Barrett Manufacturing Company, of Maine.

In September, 1909, the Barrett Manufacturing Company, of Maine, was incorporated by the Directors and officers of the Barrett Manufacturing Company, of West Virginia, and took over the business of the National Coal Tar Company in New England, which has already been described as the subsidiary of the Barrett Company which took over a part of the business of the Mica Roofing Company. The said Barrett Company, of Maine, also took over all other business of said Barrett Company in New England and has since conducted the same in that territory.

The organization and acquisition by the said Barrett Manufacturing Company of the M. Ehret, Jr., Company, The Warren-Ehret Company, New York Coal Tar and Chemical Company, New York Roofing Company and the H. W. Jayne Chemical Company, and the present condition and business of each is fully set forth in the description of defendants herein before.

VII.

The American Coal Products Company.

In February, 1903, there was organized the American Coal Products Company, with a capital of $15,000,000, of which $10,050,000 was issued on organizing, a portion of the same being transferred to the holders of 20,080 shares of the Barrett Manufacturing Company, of West Virginia, in exchange for that company's stock on the basis of 1.838735 shares of Product Company's stock for one share of said Barrett Company's stock. A portion of the balance of said Product Company's stock was issued to and transferred to holders of the preferred and common stock of the United Coke & Gas Company in exchange for the stock of the latter company. The United Coke & Gas Company with the Otto Coke & Chemical Company controlled the patents for erection of coke ovens under the new German process of saving by-products, the first of importance being the ovens at Johnstown, Pennsylvania, McKeesport, Pennsylvania, and at Everett, Massachusetts; and the production of tar at Everett, Massachusetts, was controlled by the combination between the Barrett Manufacturing Company and the Mica Roofing Company heretofore described. The United Coke & Gas Company and the Otto Coke & Chemical Company by the licensed use of these patents belonging to F. W. C. Schniewind, C. Otto and G. Hoffman, licensed the erection of coke ovens, known as the "Otto-Hoffman" and "United-Otto" types of ovens, retaining a substantial interest by way of sales commissions in the resulting by-product of coal tar produced by such ovens in the United States. At the same time, in March, 1903, the interests of the United Coke & Gas Company in the erection of coke ovens and in the process of controlling coal tar and other by-products were united and combined with the Semet-Solvay Company, of Pennsylvania, which controlled the erection and operation of

coke ovens and the sale of resulting by-products under a slightly different process, and other patents. The said Barrett Manufacturing Company had already, in 1903, a contract for the coal tar controlled by the Semet-Solvay Company. The terms of the agreements and licenses attending the combinations of these various interests included restrictions against the said Products Company entering into the business of producing gas and coal tar, and a lease to the Semet-Solvay Company for ninety-nine years of the coal tar production business of the United Company, and an agreement by which the said Products Company secured the selling agency privileges from the Semet-Solvay Company. About this time the control of the production of coal tar from coke ovens was substantially complete, either by agreements with independent producers and said Barrett Manufacturing Company, or through the control of said licenses and leases and agreements between said Semet-Solvay Company, said Otto Coke & Chemical Company and said United Coke & Gas Company. In May, 1903, the same interests bought the business of a competing interest known as the Retort Coke Oven Company, at Cleveland, Ohio, with its processes and contracts with gas and tar producing companies.

Between 1903 and 1909, there were various agreements, transfers of interests, relinquishments and renewals by the interests connected with said defendants, as aforesaid, the net result being the retention of the control of the United Coke & Gas Company's (Pittsburg Coke & Gas Company), coal tar production by the said Products Company, and a contract between said Semet-Solvay Company and said Barrett Manufacturing Company for the entire production of coal tar controlled by the said Semet-Solvay Company and its allied interests.

Aside from the control by said Barrett Company of the tar production heretofore described as the product

of the said Otto-Hoffman and United-Otto process ovens and the Semet-Solvay process ovens, the said Barrett Manufacturing Company has secured the absolute control of other large productions by way of leases and special contracts with many gas companies and operators in various parts of the United States which produce coal tar and in many instances manufactured roofing material in competition with said Barrett Company, among which are American Light & Traction Company, Detroit City Gas Company, Milwaukee Gas Light Company, Racine Gas Light Company, Puget Sound Sheet Metal Works, Kentucky Heating Company, Louisville Gas Company, Coal Tar Products Company of Kentucky, and others.

By the purchases of competing properties and companies and by special agreements and leases for long terms with tar-producing companies, whereby their entire production is controlled, as heretofore described, and, by special contracts with some of such purchased companies or leased interests, whereby those formerly competing with said Barrett Company agreed to cease such competition, and, by agreements with proprietors and officers of competing companies so purchased not to enter into business in competition with said Barrett Company, and, by various other acts and plans carried out with intent to eliminate competition and control the supply of coal tar, the said Barrett Manufacturing Company had secured a substantial monopoly of the coal tar production of all of the coke ovens in the United States (with the exception of a small production by three companies), and of the coal tar production of the largest gas companies in the United States, to the end that out of a total production in the whole of the United States of about 2,774,243 barrels, 2,236,500 barrels are produced and sold under contract to, or owned outright by, said Barrett Manufacturing Company. The

balance of 337,653 barrels is almost entirely produced by small isolated gas companies whose location is such and whose production is so small as to render it impracticable for the independent users of coal tar and manufacturers and marketers of roofing materials in competition with said defendants, to handle such supply, with the exception above noted.

While about twenty-six companies or separate interests compete with said Barrett Company and its subsidiaries in the purchase of coal tar and manufacture and sale of coal tar products, only four compete with said Barrett Company in its own special line of tarred roofing material using coal tar and marketing these products over the United States and of these, three buy a large amount of coal tar from said Barrett Company for the reasons heretofore stated.

VIII.

Competitive Methods.

In marketing coal tar felt roofing, pitch and other materials in which said Barrett Company has a substantial control as heretofore stated, said Barrett Manufacturing Company sells the same at much less price in localities where there is active competition than in sections where there is no such competition, and at certain points this condition is so pronounced that the business of the said Barrett Company has been conducted at a loss.

To further enforce and preserve control in the business of selling tarred felt and roofing material, the said Barrett Company requires some purchasers and users of the said products to buy approximately one ton of felt to two tons of pitch; and having a substantial control of the supply of pitch made from coal tar, said Barrett Company is able to and does eliminate competition in the sale of tarred felt for operations where such pitch must be used.

IX.

Continuance a Menace to Trade.

As a necessary result of such combinations, monopolies and methods, the opportunities for competition in the purchase of the raw product and manufacture and sale of roofing materials are constantly lessened and at all times are unlawfully restrained and restricted, and petitioner avers that the combination and monopoly to restrain such interstate trade and commerce in coal tar and pitch and in tarred felts and roofing material still exists and is being carried on in the places and in the manner alleged, and unless restrained and enjoined will so continue to absorb said trade and continue to restrict competition and preserve and perpetuate said combination, restraint and control.

X.

Prayer.

Wherefore, petitioner prays:

1. That the combinations hereinbefore described and each and all of its elements aforesaid, corporate and individual, be decreed to be in restraint of interstate trade and commerce and in violation of the Act of July 2, 1890, aforesaid.

2. That the American Coal Products Company, defendant herein, be adjudged an unlawful instrumentality created for the purpose of bringing together competing interests in the acquisition of coal tar and other by-products of coal, and to secure control of large productions of coal tar from coke ovens, and to hold the stocks of said competing companies, and maintained for the purpose of carrying into effect the intent to control the trade in said

commodity; and that the said American Coal Products Company, and its officers and Directors, and each of them, be enjoined and prohibited from acquiring, owning, controlling and dealing in, the capital stock or business of any company, firm or individual doing business in coal tar and oil tar and their products in competition with any of the defendants herein.

3. That the Barrett Manufacturing Company, of West Virginia, be adjudged a combination in retstraint of interstate trade and commerce and an attempt to monopolize said trade in the way of securing control of a substantial part of the supply of coal tar in the United States and that the operations of said Barrett Manufacturing Company and its subsidiaries be enjoined and restrained by an order of this Court in the following particulars:

(a) That the contracts entered into between the said Barrett Manufacturing Company and the said Semet-Solvay Company be declared null and void and that said Barrett Company, and its officers and Directors, be forever enjoined and prohibited from enforcing the same unless said contracts are reformed and objectionable features are elminated as follows:

(aa) The following clause:

> "This amount, however, shall not exceed thirty-three and one-third per cent. of the total amount of tar produced at Syracuse.
>
> "The production of any further amount of pitch shall be at the option of Barrett and they agree to make no change in instructions as to the delivery of tar and pitch oftener than once in two months.
>
> "It is mutually understood and agreed that the distillation of the tar at Detroit shall be conducted by Solvay, according to the following plan and arrangements, to wit:

> "Tar will be distilled by it to furnish only the necessary tar product for its own purposes as set forth above including tar products to be used in the Village of Delray and also for the manufacture of the special grades of paint and the molders' compound as above specified. This amount, however, shall not exceed thirty-three and one-third per cent. of the total amount produced at said Detroit plant. Provided, however, that if this amount at any time exceed 100,000 gallons per annum at Syracuse or 200,000 gallons per annum at Detroit the Solvay Company shall account to the Barrett Company for the excess over these amounts at the rate of twenty per cent. of the price realized by Solvay on tar sold to Barrett under the contract during the same month."

(bb) Any provision for future control by purchase or option of productions of tar from ovens not yet in operation.

(b) That all contracts between said Barrett Manufacturing Company and any producer of coal tar or oil tar whereby the producers of coal tar agree to burn any part of said production or agree not to enter into competition with said Barrett Manufacturing Company or its subsidiaries or with said Products Company, be decreed to be null and void and said Barrett Manufacturing Company and said Products Company be forever enjoined from operating under or enforcing the same unless said contracts shall be modified and reformed by eliminating those provisions or similar provisions to the same effect, and that said Barrett Manufacturing Company and its subsidiaries and said Products Company be forever enjoined and prohibited from entering into contracts containing those provisions or similar provisions to the same effect.

(c) That all contracts between said Barrett Manufacturing Company or said Products Company on one hand and any dealers in or producers of coal tar and oil tar on the other hand providing for the sale of said coal tar or oil tar and wherein it is provided that the contract shall be terminated upon notice, be reformed and changed to provide for certain termination of said contract at a fixed date not to exceed ten years from the date thereof in all cases where the said tar is to be used in a newly constructed plant belonging to said Barrett Manufacturing Company, but retaining the provisions authorizing termination upon notice of either party within said period of ten years; and in all cases where said tar so contracted for is to be used in a plant belonging to said Barrett Manufacturing Company, established within one year preceding March 1, 1913, the date of termination of said contracts shall not exceed three years from the date of commencement thereof.

(d) That said defendants and each and all of them be forever enjoined and prohibited from selling coal tar or oil tar to one or more competitors of said Barrett Manufacturing Company, competing with said company in any line, for a less price than said Barrett Company sells the same products to any other competitor in the same line.

(e) That said defendant companies and defendant individuals of said companies and each of them be enjoined and prohibited from burning for fuel, or exporting any coal tar or oil tar or *briquetting* pitch owned by them, when such burning or exporting is done at a net loss, taking into consideration all resulting by-products, without first advertising for thirty (30) days for bids for such coal tar, oil tar or pitch and without thereby being able to sell same to competitors at higher prices; except that nothing in this clause shall prevent the defendant companies from using coal tar or oil tar as fuel when it is

economical to do so or when obliged to burn liquid fuel on account of public ordinances. By the use of the word "economical" herein is meant that when the fuel value of oil tar or coal tar is greater to said Barrett Manufacturing Company than the fuel value of coal or other usable fuels, then coal tar or oil tar may be burned for fuel; and that said defendants and each of them be forever enjoined and prohibited from burning for fuel and from exporting *roofing* pitch when the amount realized from such burning or exporting is less than could be secured by sale of such *roofing* pitch on the open market in the United States.

(f) That said defendants and each of them be forever enjoined and prohibited from entering into any contract, scheme or arrangement with any competitor in the purchase of coal tar or in the manufacture or sale of coal tar roofing materials whereby any producer of coal tar shall be restricted, with respect to the person or persons to whom such producer shall sell such product, or respecting the territory wherein, or the price at which such product shall be sold.

(g) That said defendants and each of them be forever enjoined and prohibited from making or enforcing any contract whereby a purchaser of one line of material, such as tarred felt, shall be compelled to purchase from defendants or any allied interest any proportion of other material.

(h) That the National Coal Tar Company be dissolved, its charter surrendered and its business entirely wound up.

(i) That the use of the name of any one time independent company or of any company acquired by the said Barrett Manufacturing Company or the said Products Company that manufactures and markets pitch, tarred felts, or

other coal tar roofing materials, or uses the same in construction work, be forever enjoined and prohibited on the part of defendant companies or defendant individuals herein, except as departments of said Barrett Manufacturing Company, as for example Warren Chemical & Manufacturing Company, department of Barrett Manufacturing Company, and The Eastern Granite Roofing Company, department of Barrett Manufacturing Company, and except for the use of any registered trade mark which is to be permitted; and such ownership by departments in the manner stated herein shall be made public by printing the same on letterheads, billheads, and in advertising.

(j) That the Union Coal Tar & Chemical Company be dissolved, its charter surrendered and its business discontinued.

(k) That the W. H. Rankin Company be dissolved, its charter surrendered and its business be discontinued.

(l) That the ownership of the stock of the H. F. Watson Company by said Barrett Company be adjudged a combination in restraint of trade and an attempt to monopolize interstate trade and commerce, and that said Barrett Manufacturing Company be ordered to dispose of all stock of the said H. F. Watson Company held by said Barrett Manufacturing Company in excess of forty-five (45) per cent. of the stock of said H. F. Watson Company, so held by said Barrett Manufacturing Company; and that said Barrett Manufacturing Company and said Products Company, their officers and Directors, be enjoined and prohibited from exercising any control over or management of the business affairs of said H. F. Watson Company; that said defendants also be enjoined and prohibited from entering into any contract, agreement or arrangement with the said H. F. Watson Company relating to the joint purchase of coal or oil tar or to the joint manufacture or sale of coal tar products; and that in disposing of the stock of said Watson Company as herein provided for, it shall be ordered and decreed that the said Barrett Manufacturing Company shall offer the same for sale to the minority stockholders of said H. F. Watson Company, but that said Barrett Manufacturing Company shall be privileged to accept any other more favorable offer for said stock, or any part of same, than that made by the minority stockholders of said H. F. Watson Company; and that it shall be ordered and decreed that none of the officers or directors of said Products Company or of said Barrett Manufacturing Company or any of its subsidiaries, or of any of the defendant companies herein, shall serve as officers or directors of said H. F. Watson Company.

(m) That said defendants herein and each of them be forever enjoined and prohibited from offering for sale and from selling coal tar and oil tar and roofing material at a less price to customers of competitors of said defendants than said defendants sell such products to their own customers when and where the operation described in this paragraph is carried on by said defendants with a purpose so to injure the business of such competitor of said Barrett Manufacturing Company and said Products Company as to drive such competitor out of such business in any particular section of the United States.

(n) That the New York Coal Tar and Chemical Company be dissolved, its charter surrendered and its business discontinued.

4. That the United States have such other and further relief as the nature of the case may require and the Court deem proper in the premises.

To the end, therefore, that the United States of America may obtain the relief to which it is justly entitled in the premises, may it please your Honor to issue writs of subpœna directed to the said defendants, as follows:

American Coal Products Company, of New Jersey; Barrett Manufacturing Company, of West Virginia; National Coal Tar Company, of Delaware; H. F. Watson Company, of Pennsylvania; United Roofing and Manufacturing Company, of Delaware; The Eastern Granite Roofing Company, of New Jersey; W. H. Rankin Company, of New Jersey; Warren Chemical and Manufacturing Company, of New Jersey; Commonwealth Roofing Company, of Delaware; Union Coal Tar and Chemical Company, of New Jersey; Cambria Steel Company, of Pennsylvania; Duluth Tar Company, of Minnesota; M. Ehret, Jr., & Company, of Pennsylvania; Warren-Ehret Company, of Pennsylvania; New York Coal and Tar and Chemical Company, of New York; New York Roofing Company, of New York; H. W. Jayne Chemical Company, of Pennsylvania; I. D. Fletcher, W. H. Childs, S. H. Bingham, Thomas M. Rianhard, John C. Runkle, W. N. McIlravy, Ernest J. Steer, Frank B. Foster and Hugo Henning, and each and every one of them, commanding them, and each of them, to appear herein and answer, but not under oath (answer under oath being hereby expressly waived), the allegations contained in the foregoing petition, and abide by and perform such orders and decree as the Court may make in the premises.

And your petitioner will ever pray, etc.

Thomas Thacher

United States Attorney for the
Southern District of New York.

George W. Wickersham

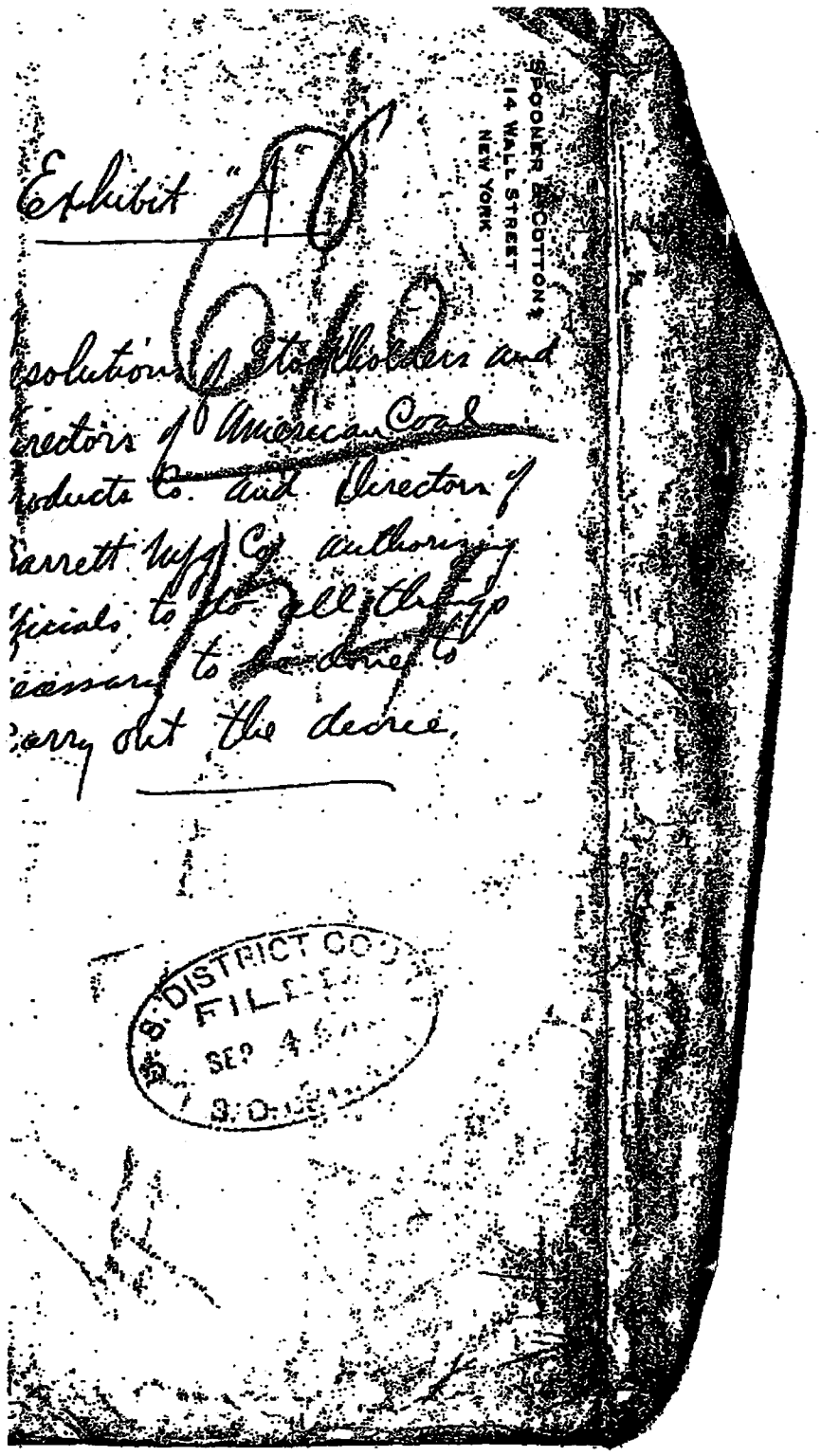
Attorney General.

F. D. Fowler

Assistant to the Attorney General.

Clark McKercher

Special Assistant to the Attorney General.


SPOONER & SCOTT
14 WALL STREET
NEW YORK
Exhibit "A"
Resolutions of Stockholders and
Directors of American Coal
Products Co. and Directors of
Barrett Mfg Co. authorizing
officials to do all things
necessary to be done to
carry out the decree.
U.S. DISTRICT COURT
FILED
SEP 4
S. D.

E. A.

EXTRACT FROM THE MINUTES OF SPECIAL DIRECTORS' MEETING OF THE AMERICAN COAL PRODUCTS COMPANY FEBRUARY 17th, 1913.

The President, Mr.W.H.Childs, stated that the meeting had been called to consider the relations of this Company with the United States Government and gave a full report of the investigations which had been carried on by agents of the Department of Justice, principally at this office of the Company, and further stated that an appointment had been arranged with the representatives of the Department of Justice at Washington, D.C. on Thursday February 20th, 1913 at 10.30 o'clock A.M.

The following preamble and resolution was thereupon on Motion, duly made and seconded, unanimously adopted.

WHEREAS, the Government of the United States has been conducting an investigation of this Company, through the officials of the Department of Justice, upon a complaint of competitors, for the purpose of ascertaining whether this Company is in any, and if so what, manner violating the Act approved July 2nd, 1890, commonly known as the Sherman Anti-Trust Act; and

WHEREAS, said investigation has been conducted in a fair and friendly manner, facilitated by the officers of the Company; and

WHEREAS, the Department of Justice seems inclined to doubt the validity, under said Act, of one or two phases of the organization, and has invited the officers of the Company to confer with the Department of Justice, to the end that it may be demonstrated that there is no violation

of the law, or if that shall be unsuccessful, some adjustment, without litigation, may be made by the corporation voluntarily conforming to the requirements of the Government; and

WHEREAS, it is important that the matter be adjusted, if practicable, without a long and expensive trial, and in a friendly way;

THEREFORE, RESOLVED, That William H.Childs, President, be and he hereby is authorized and empowered to take up the matter with the Department of Justice and to agree to such terms as may be found necessary to adjust the matter, if in the judgment of said William H.Childs, President, (and by the advice of counsel) it shall seem expedient and for the best interests of the Company to make such voluntary adjustment.

Authority to W.H. Childs granted by Board July 7, 1913

A true copy.

ATTEST:

Secretary.

EXTRACT FROM THE MINUTES OF ANNUAL STOCKHOLDERS' MEETING OF THE AMERICAN COAL PRODUCTS COMPANY

MARCH 25th, 1913.

The Chairman stated that one of the objects of the meeting, as set forth in the Call, was to receive a report and take action in respect to a Suit of the U.S. Government, filed against the American Coal Products Company, the Barrett Manufacturing Company, et al. on March 3rd, 1913, and called upon Mr.W.H.Childs to make a report in respect to this matter. Mr.Childs, President, thereupon reported in respect to the Suit and presented a copy of the Decree as filed by the Government against this Company.

The following resolutions were thereupon on Motion, duly made and seconded, unanimously adopted.

WHEREAS, the National Government filed a bill in equity in the District Court of the United States for the Southern District of New York, on the 3rd day of March 1913, against the American Coal Products Company, the Barrett Manufacturing Company and certain subsidiary companies named therein, to which this Company duly filed its answer denying the allegations of the complaint which involved charges of violation of the law; and

WHEREAS, this Company is desirous of complying with the law in its business operations and to that end to do all things within reason to comply with the suggestions of the National Government; and

WHEREAS, as a result of conferences with representatives of the National Government, a form of decree was agreed upon

that would satisfy the National Government and at the same time was, in the opinion of the officers of this Company, not harsh or unfair to the interests of this Company but effected a reasonable adjustment of the Government's claim against the Company; and

WHEREAS, it was in the opinion of the officials of the Company greatly to the interest of the Company to acquiesce in a reasonable settlement of the controversy rather than to contest the matter and incur the expense, delay and uncertainty of a contest, with the inevitable attacks upon the Company that would have been made secretly and in the public press based upon the Government's suit; and

WHEREAS, the officials of the Company employed Ex-Senator Spooner to represent the Company in this matter, who advised such settlement; and

WHEREAS, a decree was agreed upon and entered specifying the things that the National Government deemed necessary to be done to render the operations of the Company free from criticism;and

WHEREAS, the said decree requires the following things to be done, to-wit:

1. The amendment of the contract with the Semet-Solvay Company by eliminating the following clause:

(aa) "This amount, however, shall not exceed thirty-three and one-third per cent. of the total amount of tar produced at Syracuse.

The production of any further amount of pitch shall be at the option of Barrett and they agree to make no change in instructions as to the delivery of tar and pitch oftener than once in two months.

It is mutually understood and agreed that the distillation of the tar at Detroit shall be conducted by Solvay, according to the following plan and arrangements, to-wit:

Tar will be distilled by it to furnish only the necessary tar product for its own purposes as set forth above including

tar products to be used in the Village Delray and also for the manufacture of the special grades of paint and the molders' compound, as above specified. This amount, however, shall not exceed thirty-three and one-third per cent. of the total amount produced at said Detroit plant. Provided, however, that if this amount at any time exceeds 100,000 gallons per annum at Syracuse or 200,000 gallons per annum at Detroit, the Solvay Company shall account to the Barrett Company for the excess over these amounts at the rate of Twenty per cent. of the price realized by Solvay on tar sold to Barrett under the contract during the same month.

(bb) And any provision in said contract for future control by purchase or option of production of tar from ovens not yet in operation.

2. The amendment of various contracts of the Company by eliminating the provisions for the burning of tar and restricting producers from competing with the Company, and providing for a certain termination of said contracts at a fixed date not to exceed ten years from the date thereof.

3. The dissolution of the National Coal Tar Company.

4. The dissolution of the Union Coal Tar and Chemical Company.

5. The dissolution of the W.H.Rankin Company.

6. The dissolution of the New York Coal Tar and Chemical Company.

7. The sale of the stock of the H.F.Watson Company in excess of forty-five per cent of the total capital stock of said Company.

Therefore, be it

RESOLVED, That the compromise of said suit brought by the National Government and the action of the officers and directors of this Company in compromising and settling the

same, be and the same hereby are ratified and approved.

And be it further

RESOLVED, That the directors of this Company be and they hereby are authorized to do all things necessary to be done to so modify all existing contracts of this Company and of the Barrett Manufacturing Company, as to make them comply with the requirements of the decree entered in said suit brought by the National Government against this Company, and that they be and they hereby are authorized to do all things necessary in all other respects to comply with the requirements of said decree, as presented to this meeting.

And be it further

RESOLVED, That the National Coal Tar Company, the Union Coal Tar and Chemical Company, the W.H.Rankin Company, and the New York Coal Tar Chemical Company be wound up and dissolved, and that the directors of this Company be and they hereby are directed to do all things necessary and proper to accomplish the dissolution of said companies.

And be it further

RESOLVED, That the stock of the H.F.Watson Company in excess of forty-five per cent of the total amount of said stock, which is owned by the Barrett Manufacturing Company, be sold and disposed of and that the directors of this Company be authorized and directed to do all things necessary to accomplish that result.

A true copy.

ATTEST:

Secretary.

EXTRACT FROM THE MINUTES OF ANNUAL DIRECTORS' MEETING OF THE AMERICAN COAL PRODUCTS COMPANY

March 26th, 1913.

The President presented for record the Decree of the Court in the Petition in Equity between the United States Government and the American Coal Products Company, and the following resolution was offered:

RESOLVED, That the Officials of this Company are herewith authorized to take whatever steps may be necessary to carry into execution the various matters determined upon by the Decree of the Court, and which by said Decree this Company is directed to do.

A true copy.

ATTEST:

Secretary.

EXTRACT FROM THE MINUTES OF EXECUTIVE COMMITTEE MEETING OF THE BARRETT MANUFACTURING COMPANY FEBRUARY 17th,1913.

Mr.W.H.Childs, Vice President, stated that the meeting had been called to consider the relations of this Company with the United States Government and gave a full report of the investigations which had been carried on by Agents of the Department of Justice, principally at this office of the Company, and further stated that an appointment had been arranged with the representativesof the Department of Justice at Washington, D.C. on Thursday, February 20th,1913 at 10.30 o'clock A.M.

The following preamble and resolution was thereupon on Motion, duly made and seconded, unanimously adopted.

WHEREAS, the Government of the United States has been conducting an investigation of this Company, through the officials of the Department of Justice, upon a complaint of competitors, for the purpose of ascertaining whether this Company is in any, and if so in what, manner violating the Act, approved July 2nd, 1890, commonly known as the Sherman Anti-Trust Act; and

WHEREAS, said investigation has been conducted in a fair and friendly manner, facilitated by the officers of the Company; and

WHEREAS, the Department of Justice seems inclined to doubt the validity, under said Act, of one or two phases of the organization, and has invited the officers of the Company to confer with the Department of Justice, to the end that it may be demonstrated that there is no violation of the law, or if that shall be unsuccessful, some adjustment, without litigation, may be made by the corporation voluntarily conforming to the requirements of the Government; and

WHEREAS, it is important that the matter be adjusted, if practicable, without a long and expensive trial, and in a friendly way;

THEREFORE, RESOLVED, That William H.Childs, Vice President, be and he hereby is authorized and empowered to take up the matter with the Department of Justice and to agree to such terms as may be found necessary to adjust the matter, if in the judgment of said William H.Childs, Vice President,(and by the advice of counsel) it shall seem expedient and for the best interests of the Company to make such voluntary adjustment.

A true copy

ATTEST: [signature]

Secretary.

EXTRACT FROM THE DIRECTORS' MEETING OF THE

BARRETT MANUFACTURING COMPANY May 8th,1913.

The President submitted a letter, dated May 8th, 1913, to be sent out to the stockholders of the American Coal Products Company offering for sale two thousand six hundred and seventy-seven (2677) shares of the Common Stock of the H.F.Watson Company, in accordance with the Decree of the U.S. Government, together with financial statement of the H.F.Watson Company as of date December 31st,1912.

On Motion, duly made and seconded, it was

RESOLVED, That the letter to the stockholders of the American Coal Products Company, as read by the President, be and the same is hereby approved and the Secretary be instructed to insert a copy of the letter and statement in the Minutes.

A true copy.

ATTEST:

Secretary.

EXTRACT FROM THE DIRECTORS' MEETING OF THE

BARRETT MANUFACTURING COMPANY May 8th,1913.

The President submitted a letter, dated May 8th, 1913, to be sent out to the stockholders of the American Coal Products Company offering for sale two thousand six hundred and seventy-seven (2677) shares of the Common Stock of the H.F.Watson Company, in accordance with the Decree of the U.S. Government, together with financial statement of the H.F.Watson Company as of date December 31st,1912.

On Motion, duly made and seconded, it was

RESOLVED, That the letter to the stockholders of the American Coal Products Company, as read by the President, be and the same is hereby approved and the Secretary be instructed to insert a copy of the letter and statement in the Minutes.

A true copy.

ATTEST:

Secretary.

American Coal Products Company

17 Battery Place

New York

OFFICE OF PRESIDENT
OF AMERICAN COAL PRODUCTS CO.

NEW YORK, May 8, 1913.

TO THE STOCKHOLDERS
OF AMERICAN COAL PRODUCTS CO.

GENTLEMEN:

Under the Suit in Equity between the United States of America and the American Coal Products Company it was provided that the Barrett Manufacturing Company, a subsidiary company of the American Coal Products Company, should reduce its holdings in the H. F. Watson Company of Erie, Pa., from a majority interest to a minority interest.

In pursuance therewith the Barrett Manufacturing Company offers for sale 2677 shares of the Common Stock of the H. F. Watson Company, at par and accrued dividend, if any such dividend has been declared and is unpaid at the time of sale. The statement of the H. F. Watson Company, as of December 31, 1912, follows on opposite page. The earnings of this Company for the first three months of 1913 are largely in excess of the earnings for the same period of 1912. The statement of the Company shows that it is in a very strong financial position, and the Directors of the American Coal Products Company believe that a dividend of not less than 8% per annum can be expected. They recommend this stock to the stockholders of this Company as being in their judgment a good purchase at the price named.

Advice must be received not later than May 20th as to how much of this stock you would like to purchase, and when the advices are all received the Directors of the Barrett Manufacturing Company will meet the views of each of the stockholders as far as it is possible.

Yours very truly,

WM. H. CHILDS,
President.

8, 1913.

BALANCE SHEET

H. F. WATSON CO.

AS OF DECEMBER 31, 1912.

ASSETS.		LIABILITIES.	
Cash and Cash Items	$58,447.40	Accounts Payable	$105,905.30
Call Loan	75,000.00		
Investments	5,300.00		
Notes and Accounts Receivable	254,668.25		
Inventories	256,366.59		
TOTAL CURRENT ASSETS	$649,782.24	TOTAL CURRENT LIABILITIES	$105,905.30
Plants and Equipment	1,492,079.98	Reserves for Depreciation	17,172.07
Furniture and Fixtures	8,019.11	Bonds	323,000.00
Prepaid Charges	1,783.00	Capital Stock:	
Deferred Charges	14,019.85	Preferred $36,000.00	
		Common 941,500.00	
			977,500.00
		Surplus	742,106.81
	$2,165,684.18		$2,165,684.18

After paying interest on Bonds and dividend on Preferred Stock, Net Earnings for 1912 show 15.05% on Common Stock.

Fol. 1

IN THE DISTRICT COURT OF THE UNITED STATES
FOR THE SOUTHERN DISTRICT OF NEW YORK.

THE UNITED STATES OF AMERICA,	:	
Petitioner,	:	
-versus-	:	In Equity
AMERICAN COAL PRODUCTS COMPANY, BARRETT MANUFACTURING COMPANY, et al,	:	No. 610-124
Defendants.	:	

THE JOINT AND SEVERAL ANSWER OF American Coal Products Company of New Jersey, Barrett Manufacturing Company of West Virginia, National Coal Tar Company of Delaware, H. F. Watson Company of Pennsylvania, United Roofing & Manufacturing Company of Delaware, The Eastern Granite Roofing Company of New Jersey, W. H. Rankin Company of New Jersey, Warren Chemical & Manufacturing Company of New Jersey, Commonwealth Roofing Company of Delaware, Union Coal Tar & Chemical Company of New Jersey, Duluth Tar Company of Minnesota, M. Ehret, Jr. & Company of Pennsylvania, Warren-Ehret Company of Pennsylvania, New York Coal Tar & Chemical Company of New York, New York Roofing Company of New York, H. W. Jayne Chemical Company of Pennsylvania, Isaac D. Fletcher, William H. Childs, Samuel H. Bingham, Thomas M. Rianhard, John C. Runkle, W. M. McIlravy, Ernest J. Steer, Frank B. Foster and Hugo Henning to the Petition for relief filed by the United States of America in said Court.

These defendants answering unto so much and such parts of said petition as they are advised it is material and necessary for them to make answer unto say:

4

I.

Answering Part I of the petition these defendants admit that the corporate defendants are engaged in interstate trade and commerce in the purchase of coal tar and oil tar from gas plants and coke oven properties in various parts of the United States and in the manufacture and sale over the whole of the United States and in foreign countries of tarred roofing felt, roofing and paving pitch and other coal tar products. They deny that the individual defendants are engaged in such interstate and foreign trade and commerce, and they further deny that the defendants are violating the provisions of the Act of Congress passed July 2nd, 1890 , entitled "An Act to protect trade and commerce against unlawful restraints and monopolies" in the manner set forth in said Part I of the petition or otherwise.

II.

5

Answering Part II.of said petition these defendants admit the allegations contained therein.

III.

Answering Part III of the petition these defendants admit the allegations contained therein.

IV.

Answering Part IV of the petition these defendants deny that they have built up a substantial control of the supply of coal tar and they deny that the manufacturing industries using coal tar have been and are unable to secure sufficient quantities of coal tar in the open

6

market with which to conduct their business. They deny that as a result of anything done by the defendants or any of them the business of independent companies manufacturing and marketing tarred felt for roofing in competition with the defendants has been unduly and un-

7 lawfully restrained.

They admit that the Barrett Manufacturing Company has secured by purchase the control of some operating companies and industries conducting the business of building roofs with tarred felt and pitch under their own names, but they deny that by reason of such purchase or control, independent operators and contractors engaged in said business are unable to compete with the defendants.

They admit that the Barrett Manufacturing Company has entered into contracts with producers of coal tar, some of which are terminable upon notice by either party thereto, covering the entire production of such producers, except as to sales for local consumption, and that, in some cases, in the sale for local consumption the producing party shall not compete with the Barrett Company.

8 They further admit that some of said contracts contain the provision with regard to burning coal tar quoted in said Part IV. of the petition. They deny that by reason of said contracts any unlawful restraint has been placed upon general trade and commerce in said commodity. They admit that coal and oil tar purchased by said Barrett Manufacturing Company in excess of its demand for domestic consumption is, sometimes, disposed of by said defendants by burning for fuel, and by manufacturing into briquette pitch for which there is a large and legitimate demand in foreign countries and exporting the same. They deny that this operation involves an actual loss in that the revenue secured thereby is less than the initial cost of said coal tar. They deny that coal and oil tar is burned by said Barrett Mfg. Company except where local 9 ordinances or regulations make the use of liquid fuel necessary in order to avoid the creation of a smoke nuisance.

They deny that the Barrett Manufacturing Company and its subsidiaries employ a method of sale of its

10 product whereby a customer is required to purchase a certain proportion of tarred felt with a certain proportion of pitch, and they further deny that competitors of the Barrett Company are in some cases unable freely to sell their production of tarred felt without purchasing a supply of pitch from said Barrett Company.

They admit that in certain cases the Barrett Manufacturing Company has charged a less price for tar to some competitors than to others, but they aver that this was justified by the conditions under which the sale was made, and they deny that in so doing the Barrett Company has put any restraint on the trade of any competitor.

V.

Answering Part V of the petition they admit the formation of the National Coal Tar Distillers Association of the United States as alleged in said Part V of the
11 petition, but they deny that this was the foundation of a plan to destroy the surplus production of coal tar or that any such plan exists.

They admit the formation of the S.E. Barrett Manufacturing Company, and the formation of the Barrett Manufacturing Company of West Virginia as alleged in said Part V of the petition.

VI.

Answering Part VI of the petition the defendants admit the allegations contained therein

VII.

Answering Part VII of the petition the defendants
12 admit the allegations contained in the first three paragraphs of said Part VII. The defendants deny that any of the agreements, acts or plans of the Barrett Company referred to were carried out with the intent to eliminate

13 competition and control the supply of coal tar, and they deny that the Barrett Manufacturing Company secured a substantial monopoly of the coal tar production of all the coke ovens in the United States (with the exception of a small production by three companies). The contracts with owners of coke ovens and gas plants were continually expiring and in obtaining renewals of such contracts the Barrett Manufacturing Company would have to compete with all its competitors on equal terms. They aver that the owners of coke ovens and gas plants required all of their tar to be taken away promptly and such contracts necessarily covered the entire production of tar.

VIII.

Answering Part VIII of the petition the defendants deny all the allegations contained therein, except that they say that in some instances the Barrett Manufacturing Company has sold some coal tar materials at a less price in some localities than in others, but this has never
14 been done except to meet competition. They aver that the Barrett Manufacturing Company has never cut prices below those fixed by competitors.

IX.

Answering Part IX of the petition the defendants deny all the allegations contained therein.

X.

The defendants deny each and every allegation contained in the petition not hereinbefore specifically admitted. They deny that they have ever violated or attempted or intended to violate the Anti-Trust Act, or any provision thereof, and they particularly deny that
15 they are now engaged in violating such Act or intending to violate the same, and they respectfully submit that in the

absence of said present or intended violation this Honorable Court is without jurisdiction to grant the relief prayed for in the petition or any part thereof, in the premises, and they pray to be hence dismissed.

Spooner & Cotton
Solicitors for Defendants.

John C. Spooner
Joseph S. Cotton Jr
George Rublee
Of Counsel

IN THE DISTRICT COURT OF THE
UNITED STATES FOR THE SOUTHERN
DISTRICT OF NEW YORK.

BETWEEN

UNITED STATES OF AMERICA,
Petitioner,

-and-

AMERICAN COAL PRODUCTS COMPANY,
BARRETT MANUFACTURING COMPANY
and others,
Defendants.

10

Answer of the Defendants.

SPOONER & COTTON,
Solicitors for the Defendants

JOHN C. SPOONER,
Of Counsel.

Fol. 1

IN THE DISTRICT COURT OF THE UNITED STATES
FOR THE SOUTHERN DISTRICT OF NEW YORK.

THE UNITED STATES OF AMERICA,
Petitioner,

-versus-

AMERICAN COAL PRODUCTS COMPANY,
BARRETT MANUFACTURING COMPANY, et al,
Defendants.

In Equity
No. 610

TO THE CLERK OF THE DISTRICT COURT OF THE UNITED STATES
FOR THE SOUTHERN DISTRICT OF NEW YORK:

2 Please enter the appearance of American Coal Products Company of New Jersey, Barrett Manufacturing Company of West Virginia, National Coal Tar Company of Delaware, H. F. Watson Company of Pennsylvania, Warren Roofing & Manufacturing Company of Delaware, The Eastern Granite Roofing Company of New Jersey, W. H. Rankin Company of New Jersey, Warren Chemical & Manufacturing Company of New Jersey, Commonwealth Roofing Company of Delaware, Union Coal Tar & Chemical Company of New Jersey, Duluth Tar Company of Minnesota, H. Ehret Jr. & Company of Pennsylvania, Warren-Ehret Company of Pennsylvania, New York 3 Coal Tar & Chemical Company of New York, New York Roofing Company of New York, H. W. Jayne Chemical Company of Pennsylvania, Isaac D. Fletcher, William H. Childs, Samuel H. Bingham, Thomas M. Rianhard, John C. Runkle, W. F. McIlravy, Ernest J. Steer, Frank B. Foster and Hugo Henning, the defendants in the above cause, and of ourselves as solicitors for them as of the date of the filing hereof.

Dated March 4, 1913

Spooner & Cotton
Solicitors for Defendants.

IN THE DISTRICT COURT OF THE
UNITED STATES FOR THE SOUTHERN
DISTRICT OF NEW YORK.

BETWEEN

UNITED STATES OF AMERICA,
Petitioner,

-and-

AMERICAN COAL PRODUCTS COMPANY,
BARRETT MANUFACTURING COMPANY
and others,
Defendants.

10

Appearance of the Defendants

SPOONER & COTTON,
Solicitors for the Defendants.

JOHN C. SPOONER
Of Counsel.

for Defendants.

" 3

and requiring the directors of the company to do and procure to be done all things necessary to comply with the requirements of said decree. A duly attested copy of the minutes of said meeting is contained in an envelope marked Exhibit A, together with an extract from

the minuts of annual meeting of the directors of the American Coal Products Company, held March 26th, 1913, authorizing the officers of said company to take whatever steps might be necessary to carry into execution the various matters determined upon by the decree of the Court, which, likewise duly attested, will be found in envelope marked Exhibit A, presented herewith.

Fol. 4

2. That, at a meeting of the directors of the Barrett Manufacturing Company, held March 26th, 1913, the president of the Company presented to the Board the decree of the Court herein, and there was offered and adopted the following resolution:

> "RESOLVED that the officials of this Company are herewith authorized to take whatever steps may be necessary to carry into execution the various matters determined upon by the decree of the Court"

" 5

which, duly attested, will be found in an envelope marked Exhibit A, presented herewith.

3. That the defendant Barrett Manufacturing Company has re-formed the contract existing between it and the Semet-Solvay Company, by eliminating therefrom the following clause:

> "(aa) This amount, however, shall not exceed 33-1/3 per cent of the total amount of tar produced at Syracuse.
>
> The production of any further amount of pitch shall be at the option of Barrett, and they agree to make no change in instructions as to the delivery of tar and pitch oftener than once in two months.
>
> It is mutually understood and agreed that the distillation of the tar at Detroit shall be conducted by Solvay, according to the following plan and arrangements, to-wit:
>
> Tar will be distilled by it to furnish only the necessary tar product for its own purposes as set forth above, including tar

" 6

products to be used in the village of Delray and also for the manufacture of the special grades of paint and the molders' compound, as above specified. This amount, however, shall not exceed 33-1/3 per cent of the total amount produced at said Detroit plant: Provided, however, that if this amount at any time exceed 100,000 gallons per annum at Syracuse or 200,000 gallons per annum at Detroit the Solvay Company shall account to the Barrett Company for the excess over these amounts at the rate of 20 per cent of the price realized by Solvay on tar sold to Barrett under the contract during the same month."

Vol. 7

And:

("bb) And any provision in said contract for future control by purchase or option of productions of tar from ovens not yet in operation".

8

4. The defendant, Barrett Manufacturing Company has also re-formed contracts with the following companies:

Peoria Gas & Electric Co., Peoria, Ill.

Jackson Gas Company, Jackson, Mich.

pontiac Light Company, Pontiac, Mich.

Kalamazoo Gas Co., Kalamazoo, Mich.

Flint Gas Co., Flint, Mich.

Bay City Gas Co., Bay City, Mich.

Springfield Gas Light Co., Springfield, Ill.

Evansville Gas & Electric Co., Evansville, Ind.

9

The Bridgeton Gas Light Co., Bridgeton, N.J.

Anglo-American Tar Products Co., Louisville, Ky.

Meridian Light and Railway Co., Meridian, Miss.

Elmira Water, Light and Railroad Co., Elmira, N.Y.

The United Gas Improvement Co., Philadelphia, Pa.

Washington Gas Light Co., Washington, D. C.

by eliminating therefrom all clauses condemned by the decree, as will appear by reference to envelope marked Exhibit B, containing agreements of cancellation, and entitled "Local sales - Restriction", presented herewith.

Vol. 10

5. The defendant Barrett Manufacturing Company has also re-formed the contract dated October 6, 1910 with the Indianapolis Gas Company, by giving notice of termination of said contract on February 1, 1914, which notice with acknowledgment from the Indianapolis Gas Company accepting said notice as terminating the contract on the date named, will be found in envelope marked Exhibit B, entitled "Cancellations - Contracts terminable upon notice, superseded by contracts terminating at fixed date", wherein will also be found notice of re-formation of contract between the Barrett Manufacturing Company and the Illinois Steel Company, dated February 1st, 1911, terminating the same on February 1, 1921, and also notice of the re-formation of contract between the Barrett Manufacturing Company and the Tennessee Coal, Iron & Railroad Company, dated September 27, 1911, terminating the same on September 27, 1921.

" 11

6. The defendant Barrett Manufacturing Company has also re-formed the contract with the Racine Gaslight Company, owned by the Wisconsin Gas & Electric Company, dated September 28, 1909, by eliminating the following provision:

" 12

"In consideration of the purchase of this tar by Barrett Company, the Gas Company agrees to at once discontinue the operation of a tar distilling plant at Racine and further agrees that they will not engage in the tar distilling business during the term of this contract at Racine or other points."

Vol. 13 which will be found in envelope marked Exhibit B, entitled "Cancellations-Closing Tar Plant", presented herewith.

7. The defendant Barrett Manufacturing Company has also re-formed contracts with the following companies by eliminating therefrom all clauses for the use of tar for fuel purposes:

Maryland Steel Co., Philadelphia, Pa.
Laclede Gas Light Co., St. Louis, Mo.
Evansville Gas & Electric Co., Evansville, Ind.
Pontiac Light Company, Pontiac, Mich.
14 Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.
Peoria Gas & Electric Co., Peoria, Ill.
Springfield Gas Light Co., Springfield, Ill.
Bay City Gas Co., Bay City, Mich.
Lackawanna Steel Co., New York City.
Lackawanna Iron & Steel Co., New York.
Illinois Steel Co., Chicago, Ill.
Jackson Gas Company, Jackson, Mich.
Flint Gas Co., Flint, Mich.
Kalamazoo Gas Co., Kalamazoo, Mich.
15 Madison Gas & Electric Co., Madison, Wis.
Milwaukee Gas Light Co., Milwaukee, Wis.
Grand Rapids Gas Light Co., Grand Rapids, Mich.

Detroit City Gas Co., Detroit, Mich.
Binghamton Gas Works, Binghamton, N.Y.
St. Paul Gas Light Co., St.Paul, Minn.
Lehigh Coke Co., New York City.
Muskegon Traction & Lighting Co., Muskegon, Mich.
Consolidated Gas Co. of New Jersey,Long Branch, N.J.
Vol.16 The People's Gas Light & Coke Co., Chicago, Ill.
as will appear from the papers enclosed in envelope marked Exhibit B, entitled "Burning Tar", presented herewith.

8. The defendant Barrett Manufacturing Company has also re-formed, by eliminating the objectionable provision in restriction of sales of tar by the producer to other parties than the Barrett Manufacturing Company, contracts with the following companies:
Attleboro Gas Light Co., Attleboro, Mass.
17 Beverly Gas & Electric Co., Beverly, Mass.
Brockton Gas Light Co., Brockton, Mass.
Bath & Brunswick Light & Power Co., Bath, Maine.
Bangor Gas Light Co., Bangor, Maine.
Easthampton Gas Co., Easthampton, Mass.
Newburyport Gas & Electric Co.
Wakefield Municipal Light plant, Wakefield, Mass.
Worcester Gas Light Co., Worcester, Mass.
York Light & Heat Co., Biddeford, Me.

9. The cancellation of all clauses required by the decree herein to be eliminated from said contracts
18 has been proposed by the Barrett Manufacturing Company by letter and agreed to by the other parties respective-

ly by letter. Being restrictions upon the other party, imposed by the Barrett Manufacturing Company, for its own benefit, it has released the other party therefrom by informal agreement.

NOTE: Moreover, the Court in this suit has held all such provisions to be void.

To guard against any question as to the sufficiency of the release without seal, if the contracts were Fol. 19 under seal, the Barrett Manufacturing Company files herewith a resolution of its board of directors ratifying the action of its officers in cancelling the objectionable clauses referred to, and releasing all companies with which it had such contracts, from any obligation to it, its successors or assigns, in respect of such eliminated clause or clauses, which resolution has been duly attested by the secretary of the company, under its corporate seal, and is presented herewith 20 marked Exhibit C

10. The defendant Barrett Manufacturing Company informs the Court that it has now no outstanding contracts which contain any clause or provision condemned by the decree herein.

11. The defendant Barrett Manufacturing Company further shows to the Court that in compliance with said decree it has caused to be dissolved the National Coal, Tar Company, its charter to be surrendered and its business to be discontinued; that it has likewise caused 21 the Union Coal Tar & Chemical Company to be dissolved,

its charter to be surrendered, and its business to be discontinued; that it has likewise caused the W. H. Rankin Company to be dissolved, its charter to be surrendered, and its business to be discontinued; and that it has also caused the New York Coal Tar & Chemical Company to be dissolved, its charter to be surrendered, and its business to be discontinued; in proof of all of which it presents herewith, marked Exhibit D, an envelope containing official certificates of dissolution of the said several companies.

Vol. 22

12. Complying with sub-division(i) of the decree, the said defendant Barrett Manufacturing Company shows unto the Court that it does not use the name of any one time independent company or of any company acquired by it or the said Products Company, that manufactures and markets pitch, tarred felts, or other coal-tar roofing materials, or uses the same in construction work, except as Departments of said Barrett Manufacturing Company, which is expressly authorized by sub-division (i) of the decree herein, and that such ownership by Departments in the manner stated herein is made public by printing the same on all letter-heads, bill-heads, and in all advertising, in proof of which there are presented herewith samples of letter-heads, bill-heads and advertisements marked:

" 23

As to Warren Chemical and Manufacturing Company, Exhibit E;

As to Eastern Granite Roofing Company, Exhibit F;

" 24

As to Commonwealth Roofing Company, Exhibit G;

As to United Roofing & Manufacturing Company and Warren Ehret Company, Exhibit H.

SALE OF STOCK OF H. F. WATSON COMPANY.

13. In compliance with sub-division (1) of the decree, adjudging the ownership of the stock of the H. F. Watson Company by the defendant Barrett Manufacturing Company to be a combination in restraint of
Fol.25 trade, and ordering said Barrett Company to dispose of all stock of the said H. F. Watson Company held by the said Barrett Company in excess of 45 per cent of the stock of said H. F. Watson Company so held by said Barrett Manufacturing Company, the defendant Barrett Manufacturing Company shows to the Court that on April 14, 1913, a letter was addressed and duly sent by registered mail to each of the minority stockholders of the H. F. Watson Company, offering for sale to them 2677 shares of stock of the H. F. Watson Company owned
26 by the Barrett Manufacturing Company, in excess of said 45 per cent., a copy of which letter, together with the registry receipts of the Post-Office showing the delivery thereof to each person to whom the same was sent, is herewith presented marked Exhibit I.

At the expiration of said period, no person to whom the said offer of sale was addressed, as aforesaid, had communicated to the Barrett Manufacturing Company any offer to buy said stock or any portion thereof. This stock, if purchased, would have reduced the hold-
27 ings of the Barrett Manufacturing Company of said stock to 45 per cent. Failing, during the said period, to

receive any offers from any of the minority stockholders for any or all of said stock, the stock was offered for subscription to the stockholders of the American Coal Products Company(numbering over 1000), by letter, a copy of which is contained in envelope marked Exhibit J, together with a list of subscribers to the stock of the H. F. Watson Company, and presented herewith. The stock was thereupon disposed of to stockholders of the

Vol. 28

American Coal Products Company the same being distributed among 77 stockholders, no one of whom owns more than 200 shares. The officers and directors of the American Coal Products Company and the ~~H. F. Watson Company~~ Barrett Manufacturing Company together H. F. Watson Company do not own enough of the stock of the ~~last named company~~ to constitute a control thereof.

DIRECTORS OF H. F. WATSON COMPANY.

14. In further compliance with the decree herein, on Tuesday, June 19, 1913, at a meeting of the directors

" 29

of the H. F. Watson Company, held at the office of the company at Erie, Pa., W. H. Childs, one of the defendants herein, and president of the American Coal Products Company and the Barrett Manufacturing Company, resigned as a director of the H. F. Watson Company, and Alexander Jarecki was elected a director in his place; at the same meeting, Thomas M. Bianhard, a director of the Barrett Manufacturing Company and the American Coal Products Company, resigned as a director of the H. F. Watson Company, and E. H. Morris was elected a director

" 30

in his place; and Ernest J. Steem, secretary and treasurer of the Barrett Manufacturing Company at the same

meeting, resigned as a director of the H. F. Watson Company, and J. C. Head was elected a director of said company in his place; neither of said newly elected directors being officers or directors of the defendant American Coal Products Company or of the defendant Barrett Manufacturing Company, nor in any way connected with the management or business of either of said companies, or with any of its subsidiaries; all of

Fol.31 which is shown by an extract from the minutes of said meeting, duly attested by W. Henry Armstrong, secretary, and sworn and subscribed by him on July 2, 1913 before George M. Fletcher, Notary Public, whose seal is attached, which paper, together with a list of the stockholders of the H. F. Watson Company as of August 11, 1913, is presented herewith, marked Exhibit K.

And the said defendants pray the entry of an order

" 32 herein that the foregoing showing is accepted as a full compliance with the requirements of said decree, and that the defendants, American Coal Products Company and Barrett Manufacturing Company, be and are thereby relieved from such injunctive provisions in said decree contained as are, in terms, contingent upon the compliance by said defendants with the specific directions thereof.

AMERICAN COAL PRODUCTS COMPANY,
By
President.

" 33 Attest:
Secretary.

BARRETT MANUFACTURING COMPANY,
By
President.

Attest:
Secretary.

SPOONER & COTTON,
Solicitors for Defendants.

Fol. 34

STATE OF NEW YORK, }
COUNTY OF NEW YORK, } ss.:

WILLIAM H. CHILDS and ERNEST J. STEER, each being first duly sworn, on his oath says that the said Childs is president and the said Steer is the secretary and treasurer of the defendants American Coal Products Company and Barrett Manufacturing Company; that they have each read the foregoing showing by and on behalf of said defendants and know the contents thereof; that

" 35

they have been charged with the duty as said officers of complying with the requirements of said decree entered by this Honorable Court on the 4th day of March, 1913, and that the statements made in the foregoing report or showing of such compliance are true; that there are not now in existence or operation any contract or contracts between either of said defendants and other defendants, corporations or individuals, containing any of the clauses adjudged by said decree to be null and void, or any clauses similar thereto.

Subscribed and sworn to
before me this 3d day
of September A.D.1913.

William H. Childs
Ernest J. Steer

Barry C. Latten
Notary Public
New York County #60
Term Expires March 30-1914

In Equity A.o.E 10/124

In the District Court of the United States for the Southern District of New York —

The United States of America
Petitioner

v.

American Coal Products Co: Barrett Manufacturing Co et al
Defendants

Showing of compliance by the Defendants with requirements of Decree Entered herein March 4, 1913.

Dp 10

Spearman & Stone
Solicitors for Defendants

U.S. DISTRICT COURT
SEP 4 1913
S.D. OF N.Y.

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Pearson's Magazine

VOL. XI MARCH, 1904 NO. 3

Indian Fights and Fighters

The Tragedy of Fort Phil Kearney

By CYRUS TOWNSEND BRADY

SINCE the United States began to be, there never was another post such as Fort Philip Kearney, commonly called Fort Phil Kearney. From its establishment in 1866 to its abandonment, some two years later, it was practically in a state of siege. I do not mean that it was beleaguered by the Indians in any formal, persistent investment, but that it was so constantly and so closely observed by war parties, hidden in the adjacent woods and the mountain passes, that outside of its stockade there was little safety for anything less than a company of infantry or a troop of cavalry, and not always, as we shall see, for them.

Not a stick of timber could be cut, not an acre of grass mowed, except under heavy guard. Herds of beef cattle, the horses for the cavalry and mounted infantry, the mules for the supply wagons, could not graze, even under the walls of the fort, without protection. The country teemed with game, but hunting parties were absolutely forbidden. To take a stroll outside the stockade on a summer evening was to invite death, or worse, if the stroller happened to be a woman. There was no certainty about the attacks, except an assurance that one might be made at any moment. As old James Bridger, a veteran plainsman and fur trader, a scout whose fame is scarcely less than that of Kit Carson, and the confidential companion and adviser of Carrington in 1866, was wont to say, "Whar you don't see no Injuns, thar they're sartin to be thickest."

Taking at random two months in the two different years during which the post was maintained, one in the summer, another in the fall, I find that fifteen separate and distinct attacks were made in one month, and twenty in the other. In many of these, in most in fact, one or more men were killed and several wounded. Not a wagon train could pass up the Bozeman trail toward Montana, which ran under the walls of the fort and for the protection of which the post had been established, without being attacked again and again.

The war with the Indians was about the ownership of territory, as have been most of our Indian wars. The westward moving tide of civilization had at last pressed back from the Missouri and the Mississippi, the Sioux and their allies, the Cheyennes, the largest and most famous of the several great groups of Indians that have disputed the advance of the white man

Modern Methods of "Finance"

Example III.—The Asphalt Trust Catastrophe

By HENRY GEORGE, Jr.

"About all we have a right to expect from Government is that it will see that the cards are not stacked."—*President Roosevelt in his speech at Concord, New Hampshire, August 23, 1902*

The President referred to the great industrial combinations—to their acquisition and ruthless use of privileges in destroying competition, and to their stock-market manipulations. His speech struck a responsive chord in the public mind. What the public asked of the industrial consolidations was simply that the "cards" should not be "stacked"; that the consumer, the competitor, and the investor should get fair treatment.

That many, perhaps most, of the great consolidations have been grossly unfair is manifest. They are based upon one or more Government-granted or Government-fostered advantages, which enable them to beat competitors to death. Huge monopolies are thus formed, through which prices are raised and the public is robbed.

On the other hand, pretending to make money for their stockholders, they are really made to make money for their promoters or manipulators, who put their securities up or down on the stock market at will, and who sell out at a high and buy at a low figure. Return for investment has been made to seem dazzlingly large and safe, and thousands upon tens of thousands of provident persons, able-minded men as well as widows and orphans, have put in their money, only to find too late that the game has been thimble-rigged.

With a view to showing the methods pursued in the organization and manipulation of many of these giant industrial consolidations, and with the purpose of thereby saving innocent persons from ruin and distress through future similar temptations, PEARSON'S MAGAZINE is publishing a series of articles from the pen of Mr. Henry George, Jr., who has made a special study of typical cases. The first three articles treat of the tremendous copper-amalgamation, inflation and manipulation, and of the wrecking of the Third Avenue Street Railroad Company of New York. Stories of other great joint industrial consolidations and stock-market speculations will follow.—*Editor* PEARSON'S MAGAZINE.

Two gentlemen—call them X and Z—conversed in a Philadelphia club. X was rich in asphalt trust bonds. To all his friends he praised them in terms of "rich-as-a-gold-mine" and "firm-as-the-hills." He recommended them to Z. "The trust," said X, substantially, "has a monopoly of the world's supply of asphalt and a corner on contracts. I know of nothing better for investment than its bonds."

Mr. Z was special partner in a prominent mercantile house of Philadelphia. He was advanced in years, but shrewd withal; and he knew how to invest in good securities. He thought so well of what X said that he ordered his broker to buy him asphalt bonds. These purchased, the merchant, wise in the world's ways, asked from whom they had been transferred.

"From Mr. X," responded the broker.

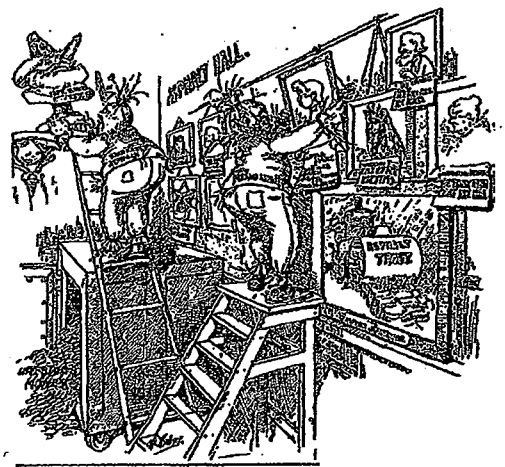
"Ah, indeed," mused the merchant. "Then please sell them at once. Mr. X thinks those bonds too good to keep and he is unloading them on his friends!" And not a long while afterward, when the asphalt crash came, the shrewd old gentleman told with sly merriment of the way he had been "let in," and then how he had quietly let himself out again.

This story, related in the clubs and business quarters of Philadelphia, with the names and other circumstances attached, indicates the spirit of the asphalt inflation, the methods of the huge combine which had been extolled to such an extent in its earlier stages by Princes of Finance and Captains of Industry that people of all walks of life—merchants, members of the professions, guardians of trusts, mechanics, clerks, school-teachers and even domestic servants, principally of Philadelphia—were drawn into the purchase of its stock and bonds. The capitalization was monstrously inflated by the promoters for their own profit. The accounts were juggled to give the appearance of large earnings, whereas the earnings were really small. When the first Trust failed in 1900 and gave place to a second, and when a third huge holding company superseded both in 1903, the multitude of confiding investors were each time treated to new forms of imposition and injustice, all the operations being conducted under the shield of legal procedure and the ægis of respectable names.

The asphalt promoters held out to the public the shining promise of two distinct and fundamental kinds of monopoly as the basis of the Trust. One lay in the natural material, which the promoters declared they practically controlled, and would soon completely and absolutely control. The other

monopoly lay in contracts for street paving, which the promoters, with much warrant of truth, averred they could, through political influence, control—at least in the larger cities. Allured by the prospect of sharing in the great profits that must arise from these monopolies, the public was led to invest in the gigantic inflation, over which it had no more direction than ticket buyers have over the operations of a lottery.

The best asphalt in the world is obtained in Venezuela from what is called Bermudez Lake. This "lake" is not a body of water,



Courtesy of the Philadelphia "North American"

The Land Title and Trust Company erected a twenty-two story steel and stone office building on Broad Street, Philadelphia, soon after the collapse of asphalt trust No. 2. Owing to the identity of the asphalt trust promoters with the trust company directorate, the new building was colloquially dubbed "Asphalt Hall." The asphalt twins, popularly known as "Default Asphalt" and "Yourfault Asphalt" (loan fund and investment fund, stuffed with worthless securities), are busy decorating the new offices of "Asphalt Hall" with appropriate works of art

but a mass of brown, plastic mineral substance, somewhat less yielding than putty. It has an area of about one thousand acres. Its surface will sustain men and mules and vehicles of various kinds engaged in the work of digging it and shipping it away. This steady removal does not lessen the available quantity, as, slowly but steadily, this plastic mineral matter exudes from the bosom of the earth into the great natural Bermudez basin.

The Venezuelan asphalt is the purest known. But it excels only in very slight degree that found in a similar lake in the Island of Trinidad, which lies off the coast of Venezuela. Innumerable asphalt deposits are found scattered over the globe, many of them in the United States, but all of them are far inferior in quality to those of Venezuela and Trinidad. Those two "lakes" constitute the world's sole sources of the highest grade asphaltum for paving and other needs.

Trinidad Lake is not so great in extent as Bermudez Lake, but it is on high ground, and the overflow of this huge plastic mineral spring has, through the centuries, overlaid with thick deposits of asphalt large areas of land retreating toward the sea. The basin or lake territory was, before the Trust merger, owned by the Trinidad Lake Asphalt Company. This company did not, however, own the adjacent overlaid territory. That territory was divided among a large number of separate owners, some of them asphalt paving companies, others sellers of the product to paving concerns. The asphalt found in the basin was called "lake" asphalt; that found overlaying the surrounding land was called "land" asphalt. And when the Trust people found themselves unable to get control of all this "land" asphalt, they decried its quality and raised a general prejudice against it, although chemical analysis subsequently made under United States Government auspices proved that there is absolutely no chemical difference between "lake" and "land" asphalts.

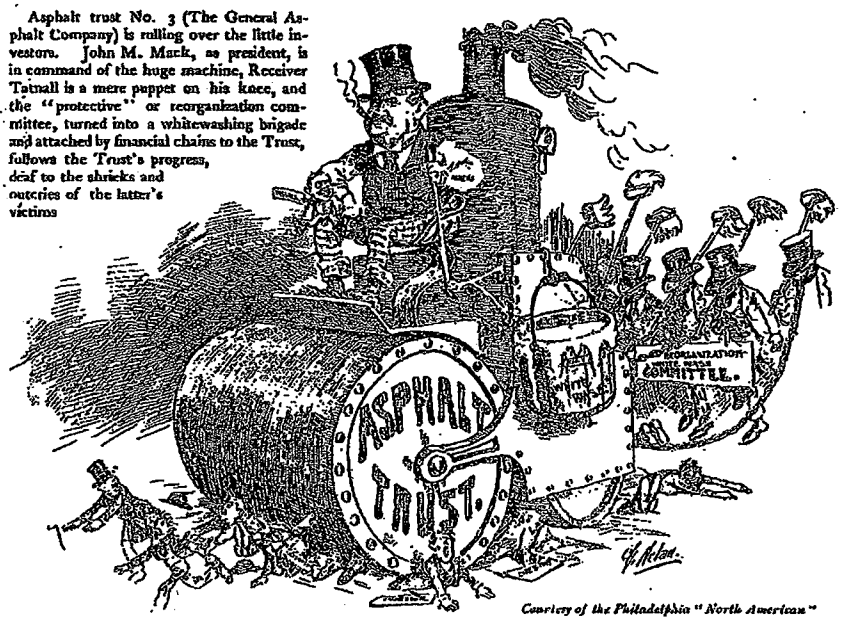
The Barber Asphalt Paving Company was for a long time prior to 1899 the largest concern in that line of business in this country. Amzi L. Barber of New York, and E. Burgess Warren, William L. and George W. Elkins, the two Wideners (P. A. B. and George D.), and Ludwig S. Filbert of Philadelphia were among its largest stockholders. Francis V. Greene of New York, a comparatively small stockholder, was its president. The Barber Company directly and through sixteen sub-companies, one of which was the Vulcanite of Philadelphia, and all of which it controlled or was interested in, conducted its business in various parts of the United States and South America. It

had a number of rivals who obtained their asphalt from the Venezuelan lake or the Trinidad "lake" or "land" supply companies or individuals.

The most important paving rival was the Warren-Scharf Asphalt Paving Company of New York. The Warrens in this company were related to the E. Burgess Warren of the Barber Company, but not connected in a business way. The Warren-Scharf Company is said to have brought the first asphalt to this country and laid the first asphaltum streets. Paving business rapidly developed into large proportions, embracing many cities of the country. The Warren-Scharf and the Barber companies had very large political influence. They divided between them most of the important asphalt street paving in this country. They agreed upon territory, and neither appeared as a competitor against the other, thus enabling each to charge the municipal authorities very high prices for bituminous paving.

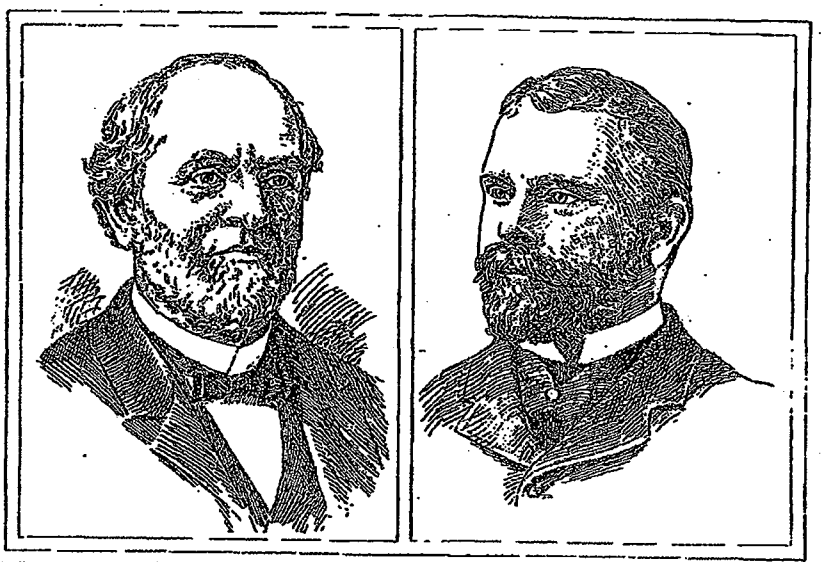
All went well between the two great asphalt paving companies, and they enjoyed many years of high monopoly prices until the Barber Company developed cannibalistic propensities. Barber, Greene, and the Philadelphia group of the latter company had caught the combination fever. They yearned for a larger Barber Company, a corporation that should embrace the sources of supply and all the paving companies, great and small. They reviewed those advantages that promoters of business combination always see—the economies of administration. Doubtless they also dreamed of the advantages to the promoters of the stock-watering that is an almost invariable incident to such mergers.

As a first step toward the Trust formation, Barber and Greene went to the very foundation of the matter—the asphalt source of supply. They sought to organize a single new company to control the Venezuelan and Trinidad deposits. The *New* Trinidad Lake Asphalt Company superseded the Trinidad Lake Asphalt Company. Besides the "lake" asphalt, effort was made to include all the "land" asphalt in Trinidad; but that failed, many of the latter owners refusing to go in, and this failure subsequently became one of the causes of the Trust's disaster. The Bermudez Lake Company was also brought into the New Trinidad corporation; but the Venezuelan lake



Asphalt trust No. 3 (The General Asphalt Company) is rolling over the little investors. John M. Mack, as president, is in command of the huge machine, Receiver Tetnall is a mere puppet on his knee, and the "protective" or reorganization committee, turned into a whitewashing brigade and attached by financial chains to the Trust, follows the Trust's progress, deaf to the shrieks and outcries of the latter's victims

Courtesy of the Philadelphia "North American"



E. Burgess Warren of Philadelphia, one of the largest stockholders in the Barber Asphalt Paving Company

William H. Crocker of California, chief owner of the Alcatraz Company of West Virginia, one of the merged companies

became the subject of litigation between the Barber people and the Warner & Quinlan Company of Syracuse, New York, which subjected the Trust to great expense and embarrassment.

The Warren-Scharf Paving Company had a long-standing contract with the Trinidad Company for a large and continuous supply of asphalt, which contract the Barber people, under the reorganization, are said to have declared they would ignore. Amzi Barber was reported in one of the newspapers as saying coolly: "The Warren-Scharf people no longer have a contract; they have only the redress of suing the directors of the old Trinidad Company for damages."

The Warren-Scharf Company denied that it was in difficulty, asserting that it could, at worst, get a plentiful supply of "land" asphalt from Trinidad. It publicly announced that it would prove this by entering into competition with the Barber company in every city in the country. Despite this boasting, however, the Warren-Scharf Company found itself in an embarrassing position, owing to the political "pull" the Barber Company had in many of the larger cities of the country and the unjustified prejudice the Barber group had now begun to awaken generally against "land" asphalt. The Warren-Scharf people concluded to change front and accept the "good thing" proffered by its corporate enemy.

The stock of the Warren-Scharf Company had never, it is said, sold above par, which was $100 a share. At par its whole 9,500 shares would have been worth $950,000. A "protective" bondholders' committee subsequently reported that, so well as it could learn, the promoters had given for 9,498 shares of this stock $1,740,000 in cash and notes, thus affording the Warren-Scharf people a bonus over their stock at par of nearly $800,000. Such liberality made good feeling between the sellers and purchasers. But it cost the purchasers nothing. Indeed they made a handsome profit on the transaction, for, after selling certain assets of the Warren-Scharf Company to another corporation that they appeared to control—the Barrett Manufacturing Company—for approximately quarter of a million dollars, the promoters, as will be seen later, turned the Warren-Scharf Company over to the asphalt trust combination for $5,618.42 in cash and $2,278,320 in bonds, which were quoted on the market at the time of the transaction and for a while thereafter at 90 and

George W. Elkins of Philadelphia, son of William L. Elkins, and a heavy stockholder in the Barber Asphalt Paving Company

Amzi L. Barber of New York, heavy owner in the Barber Asphalt Paving Company, and one of the most active promoters in the group.

better, and at that figure would have netted to the promoters, with the profit of the Barrett transaction added, something between $500,000 and $600,000.

Barber, Greene, and George D. Widener, acting for the promoters' group, now had the Barber, the Warren-Scharf and the New Trinidad companies ready for the merger. But other elements were necessary. They turned their attention to four unattached paving companies. The better to control these they organized the United Asphalt Company. Rumor has it that they cleared a handsome commission on this performance. A little later they likewise profited by the organization of eleven small asphalt concerns into another holding corporation, known as the Consolidated Paving Company.

Outside of all these companies, large and small, was a lot known as the Crocker Alcatraz group. It consisted of the Alcatraz Company of West Virginia and eight subordinate companies scattered over the country and using its product. William H. Crocker, of the California Crocker railroad family, was the chief owner of the West Virginia corporation. This company owned large deposits of bituminous sandstone at Sisquoc, California, and other smaller deposits. It had a costly production plant and, before the merger, appeared to be doing a large and profitable business. Whatever the reason, the profitableness of the plant disappeared after the merger, for, according to a report by the Audit Company of New York, it lost to the Trust during the years 1900 and 1901 $333,068.36. Yet the Trust had paid in bonds nearly double the par value of the securities of the Alcatraz group.

After reaching an agreement with Crocker and his friends, the promoters were prepared to organize their Trust. They had ready for the merger more than two score companies, which have been described as "proprietary companies, supply companies (active), supply companies (inactive), paving companies (active), paving companies (inactive), office companies and miscellaneous companies."

Early in July, 1899, the promoters had the Asphalt Company of America incorporated at Trenton, New Jersey, for the purpose of "Manufacturing, producing and dealing in asphalt and other paving materials." The capital was set at $30,000,000, divided into 600,000 shares of $50 each, par value. On these $50 shares only 10 per cent., or $5 a

share, was required immediately to be paid in, leaving for future calls $45 a share, or $27,000,000 on the whole capital stock.

A bonded debt of $30,000,000 was put upon the company in the form of 5 per cent. collateral gold trust certificates. These certificates were issued by the Land Title and Trust Company of Philadelphia, as trustee, which company was in the hands of the promoters, being popularly known as the "Widener and Elkins Bank." The certificates were issued in exchange for the stocks of the various asphalt companies, all of which stocks, owned by the promoters, were by them deposited with the Land Title and Trust Company, trustee, to secure the performance of the Trust agreement, by which the Asphalt Company of America was to pay to the trustee "out of the income derived by the company from its deposited shares and securities, if that income shall be sufficient for that purpose, and out of its other funds if the income shall be insufficient," all amounts necessary to enable the trustee to pay interest at the rate of 5 per cent. per annum on the asphalt trust bond certificates. These certificates were listed on the Philadelphia stock exchange.

The promoters took practically all of the bonds of the Asphalt Company of America by this exchange for the stocks of the constituent companies, which they placed in the hands of the Land Title and Trust Company. The enormous profit they probably reaped from this transaction may be seen by setting down the value at par of the combined capital stocks of these constituent companies—which value few of them equaled and none of them exceeded—and against that sum setting the price paid for them by the Trust in its cash and bonds. Reference to the report of the Audit Company of New York on the subject permits the following comparative figures to be deduced:

Companies Merged.	Entire Capital Stock at Par.	Received in Cash.	Received in Trust Bonds.
Barber Asphalt Pav. Co.	$8,900,000 00	.....	$11,697,900 00
New T. L. Asphalt Co.	2,426,000 00	$4,244 32	4,955,000 00
United Asphalt Co.	4,000,000 00	.....	3,670,000 00
Warren-S. A. P. Co.	950,000 00	5,618 42	2,278,320 00
Alcatraz group	4,686,000 00	.....	7,299,708 19
Consol. Pav. group	1,296,900 00	1,500,000 00	.....
Total in each class	$17,256,900 00	$1,509,862 74	$29,900,928 19
			1,509,862 74
Total in cash and bonds			$31,410,790 93
			17,256,900 00
Difference between par and selling price			$14,153,890 93

Thus, while it is seen that the par value of the capital stocks of all the companies combined to constitute the Asphalt Company of America would have approximated $17,250,000, and that this would have been a handsome selling price, since those stocks would not, it is believed, have reached par in the open market, they were sold by the promoters for approximately $1,510,000 in cash and $29,900,000 in Trust bonds that sold in the market at the time of the launching of the Trust for high in the nineties. The difference between the par price—surely a fair price—and the price received from the Trust exceeded $14,000,000 in cash and bonds. It was $14,000,000 of water in $30,000,000 of bonds of the Asphalt Company of America.

But that does not tell the whole tale of watering. The $30,000,000 of stock of the Asphalt Company of America must be considered as water, also.

The promoters handled the issuing of the stock admirably—for the promoters. They had two representatives subscribe for practically all the stock and then "let the public in" for a minority interest at an advanced price, sufficient, presumably, to pay for the entire subscription.

In a "bill of discovery" subsequently filed in the United States Circuit Court for the Eastern District of Pennsylvania, Henry Tatnall of Philadelphia, who had become receiver for the collapsed Trust, told with some detail of how Lewis A. Flanagan and Charles F. Richardson, both of whom were "financially comparatively irresponsible," were "selected by the promoters" to subscribe for large blocks of stock of the Asphalt Company of America "for the purpose of getting all the stock issued and outstanding," and that in accordance with this plan, Flanagan subscribed for 398,620 shares and Richardson for 201,180 shares,

S. F. Tyler, president of the Fourth Street National Bank of Philadelphia and president of the Asphalt Company of America, the first of the asphalt trusts

these two subscriptions together making 599,800 of the whole number of 600,000 shares of the company, the remaining 200 being held by the officers and directors to qualify them.

The receiver went on to recite how, beginning August 4, 1899, less than a month after the incorporation of the company, "at the instance of the said promoters" (namely, Amzi L. Barber, E. Burgess Warren, George W. Elkins and his father, William L. Elkins; George D. Widener and his father, P. A. B. Widener; Francis V. Greene, Sidney F. Tyler, William J. Latta, William H. Crocker and others) Flanagan and Richardson "transferred the shares issued to them" out of their names to various persons; and that by such transfer the promoters themselves received "in their own names" an aggregate of 275,730 shares, which, with other shares transferred to their friends, gave the promoters command of a large majority of the stock, and control of the corporation. The remainder of the stock in the hands of Flanagan and Richardson, a minority interest, was transferred to the general public.

The 599,800 shares had been subscribed for by Flanagan and Richardson subject, not to full, immediate, par payment, but only to an instalment of 10 per cent., or $5 a share. The shares transferred out of Flanagan's and Richardson's names to the general public were paid for by the latter far in excess of $5 a share, the prices ranging as high as $19¾ a share, which excess, on the whole minority batch of stock, appears to have aggregated a sum sufficient to enable Flanagan and Richardson to pay the company the required $5 a share on the whole 599,800 shares subscribed for by them.

How did the promoters induce the public to pay these advanced prices? Not by proclaiming the project with brazen trumpets and calling the public to invest. Their course was just the opposite of that. There was no formal advertising of stock. No prospectus, even, seems to have been issued. The steps in the transaction were permitted to "leak out." The association of so many men of high standing in the financial world, and their seeming desire to avoid sharing the Trust enterprise with the public gave rise to extravagant rumors, all of which were of one nature, to wit, that the asphalt merger would prove a veritable bonanza. This occurred at a time when corporation-inflating and trust-floating were close to their maximum; when a large part of the public was ready to snap at the merest financial straws. And thousands snapped at such of the Asphalt Trust stock as the

Mr. Nicholson, president of the Land Title and Trust Company of Philadelphia, known as the "Widener and Elkins Bank"

John M. Mack of Philadelphia, to take in whose interests asphalt trust No. 2, the National Asphalt Company, was formed, and who was its first vice-president

promoters cared to sell through Flanagan and Richardson.

As a net result of this piece of modern financing, the promoters had, according to the report of the Audit Company of New York, sold to the Trust for approximately $81,400,000 in cash and bonds, asphalt companies whose stocks at par did not exceed $17,500,000 in value; while they obtained control of the Trust by subscribing to practically all the stock and selling a minority interest to the public at an advance probably sufficient to pay for their outlay on the entire stock subscription!

Here was a case of eating the cake and having it, too.

S. F. Tyler, president of the Fourth Street National Bank of Philadelphia, one of the largest banking institutions in that city, was president of the Asphalt Company of America, which should have made a good start; but almost from the first the huge Trust ship misbehaved. She was really well-nigh water-logged. Rumors got out that receipts were not sufficient to pay interest and dividends on the $60,000,000 of bonds and stock of the Trust. Moreover, it was discovered that the political "pull" of the Trust was not as potent as that of competitors at important points. In Philadelphia, for instance, John M. Mack, in close political affiliation with Mayor Ashbridge, obtained the city asphalt contracts for a company that he largely owned, the Pennsylvania Asphalt Paving Company. Another thing that unsettled matters was the feeling that some of the promoters were secretly unloading on the public their bonds and stock. This depressed the market price of those securities. It did not take the promoters as a body long to realize that something radical would have to be done. They concluded to "take in" Mack and his friends.

In consequence of this, within ten months of the launching of the Asphalt Company of America, a new company to supersede it was organized. This new corporation, the National Asphalt Company, acquired practically all the stock of the Asphalt Company of America, all the stock of the Pennsylvania Asphalt Paving Company, of the New Jersey Mexican Asphaltum Company, of the Manhattan Trap Rock Company, of the David Folz Asphalt Paving Company, and of the Mack Paving Company of New York, and a majority interest of the Gibson Asphaltum Company of New Jersey.

As for the finances, there was a juggle. The $30,000,000 of America stock, while still remaining subject to a first claim from the $30,000,000 of America Company bonds, was to be placed with the Equitable Trust

Robert H. Foerderer of Philadelphia, a director of the National Asphalt Company. He died recently

Company of Philadelphia in trust for a $6,000,000 issue of 5 per cent. collateral gold certificates. The first payment to the Asphalt Company of America of $3,000,000 on its stock and a second payment later of $3,000,000, making together $6,000,000 (irrespective of the bonuses paid on the same stock by the public when it was being "let in."), were taken to be equivalent to the $6,000,000 of 5 per cent. collateral certificates issued in exchange.

Next $22,000,000 of stock was issued by the National Asphalt Company, $12,000,000 in common and $10,000,000 in 6 per cent. preferred, this to be used in exchange for the Mack and other companies, and it may be said incidentally, the purchases to be made at much the same rate of inflated values as were the purchases of the original Asphalt Company of America.

The third feature in the National Company plan was to continue interest and sinking fund payments on the $30,000,000 of bonds (5 per cent. collateral gold certificates) of the Asphalt Company of America, and, for the purpose of "securing" the America bondholders, a $6,000,000 guarantee fund was established, the Land Title and Trust Company being trustee. This guarantee fund was to be divided into two parts: $3,000,000 constituting an "investment" fund, for the purchase of new properties; the other $3,000,000, a "loan" fund, out of which the National Company was authorized to advance loans to the constituent and subsidiary companies. But it was set forth in the Trust agreement that whenever the National Company should fail to pay interest on the $30,000,000 of America bonds, the Land Title and Trust Company, as trustee, should pay the interest out of the guarantee fund.

Thus prepared, the National Asphalt Company made a new start on the asphalt trust business, with Francis V. Greene as president, John M. Mack as first vice-president, Avery D. Andrews as second vice-president, Arthur W. Sewall, secretary and treasurer; Amzi L. Barber, chairman of the executive committee; and the following directors: John M. Mack, Peter A. B. Widener, Joseph P. Mack, Robert H. Foerderer, Ellis Wainwright, Amzi L. Barber, Rynier J. Wortendyke, A. W. Sewall and Francis V. Greene—most of these Philadelphia men. Others of the promoters filled the offices and board of the now passive Asphalt Company of America, which still had to be in existence because of its $30,000,000 of bonds outstanding.

Again the stories were repeated about the Trust possessing a monopoly of the supply and a monopoly of contracts. The public was assured with renewed vigor that the Trust—now consisting of nearly seventy large and small companies—had started upon an era of magnificent prosperity.

But, alas! "pride goeth before a fall." Both of these boastings proved foundation-

Avery D. Andrews of New York, second vice-president of the National Asphalt Company

less. Competitors sprang up at many points, obtaining plenty of first-quality asphalt and overcoming political "pulls." An outside company landed a contract in Greater New York, where the Barber Company had for years been well-nigh invincible. The contracting firm of Warren & Quinlan of Syracuse, New York, obtained an important contract in Washington, D. C., after it had induced the Commissioners of the District of Columbia to have government chemists make analyses of Trinidad "lake" and Trinidad "land" asphalts, which proved them to be chemically identical. The monopoly of contracts and the monopoly of supply had both broken down.

These facts proved very embarrassing to

C. S. W. Packard of Philadelphia, a member of the "protective committee"

the National Asphalt Company. Another source of embarrassment was the fact to which allusion has been made—the loss in operation of the Alcatraz companies. According to the figures of the Audit Company of New York, this loss amounted in the two years of 1900 and 1901 to $333,068.36. The Consolidated Paving Company group also netted a loss for the same two years of $45,862.30. A loss more serious than both of these together arose through a fight over the title to the Bermudez Lake. The maintaining of its claims, through the courts and by employment of guards, cost the corporation, the Audit Company of New York has averred, $417,897.81 for the two years of 1900 and 1901. The Mack companies suffered a net loss during those same two years of $17,103.83.

The Audit Company showed that the profits of the entire Trust for 1900 and 1901, together, were only $698,176, which, notwithstanding the losses in some directions, seems to have been on the whole not far, if any, short of the sum of the net profits of all the constituent companies before the merger, for the Trust for a time and in important places obtained higher prices than the ante-merger companies. Nevertheless this $698,176 not only did not permit payment of any dividend on preferred or common stocks, or interest on what might be called the National Asphalt Company's second mortgage bonds, but it obviously fell very far short of the sum needed to meet the two years' interest at 5 per cent., or $3,000,000, on the $30,000,000 bonds of the Asphalt Company of America, and left nothing whatever for a sinking fund.

That the promoters from the outset must have had some approximate conception of the true earning power of the combination seems certain. Yet if that be true, and if it also be true that they foresaw that the trust could not earn interest and dividends on $58,000,000 of stock and bonds, then their plan to issue and sell to the public this vast volume of watered securities was nothing better than a huge swindling enterprise.

While the promoters made the operations of the National Asphalt Company of America resemble those of a "blind pool," under all circumstances they said as little as possible directly to the public. But signs of distress on the part of the Trust became evident to the sharp-sighted before the first year of the National Asphalt Company had been completed. Soon wild rumors got abroad. Stock and bondholders not having the confidence of the insiders became alarmed, which feeling was increased by a big drop in asphalt securities on the Philadelphia exchange. Perhaps the promoters

Henry W. Biddle of Philadelphia, a member of the "protective committee"

did not care what the stockholders thought or said, but they seemed to fear the bondholders. At any rate, Vice-President Mack had the temerity to state in an open letter that the National Asphalt Company was "earning its full interest upon the Asphalt 5s., of which issue there are $30,000,000," his reference being to the bonds of the Asphalt Company of America. Director George W. Elkins supported Mack with a public statement that the Company had "more business on hand than it ever had in the whole history of the business," adding: "I know of no reason why the bonds are not an absolutely safe investment at the present time."

Notwithstanding these assertions that the Company was doing unprecedented business and "earning full interest on its bonds," it appears to be a matter of fact that the Land Title and Trust Company had already paid on the $30,000,000 of America bonds two semi-annual dividends, not out of asphalt earnings, for they were not forthcoming, but out of the "investment" half of the $6,000,000 guarantee fund. But the public knew nothing of that. The emphatic and unequivocal assurance of stability and prosperity from the two prominent officials for a while allayed the alarm of bondholders. But by the middle of November rumors of "cooked finances" obtained general currency. A panic seized the holders of asphalt securities in Philadelphia. Bonds that had been "unloaded" on the public at 97, sold down to 46.

Effingham B. Morris of Philadelphia, a member of the "protective committee"

Rudolph Ellis of Philadelphia, a member of the "protective committee"

It is said that, appreciating that the Trust's affairs were in a perilous condition and that some kind of a buffer would have to be placed between the Trust or the Trust promoters and the bondholders, William L. Elkins, who was a director in the Pennsylvania Railroad, induced the latter's management quietly and unofficially to arrange for meetings of asphalt bondholders and the appointment of "protective" committees for the America and National companies, the members of the committees to be "gilt-edged" and drawn from the banking and investment sphere of Philadelphia, but not to be unfriendly to the asphalt promoters.

Whether or not the Pennsylvania Railroad management had a secret hand in the matter, it is a fact that on November 14, 1901, when investors were angrily demanding information from the asphalt management, two "protective" committees were appointed. The more important one and the one to which reference is generally made, that representing the $30,000,000 America bonds, was composed of Henry W. Biddle, Effingham B. Morris, Rudolph Ellis, Henry Tatnall and C. S. W. Packard of Philadelphia, and Alvin W. Krech of New York, six eminent and highly respected men in the financial world.

But the appointment of these committees did not save the Trust. Public alarm in Philadelphia grew apace. By the end of December the America bonds had sold down to 29½. Preferred stock that had sold at par ($50), went down close to $1. Common stock ceased to have speculative life.

Then came the thunderbolt. Suddenly and without public warning, the promoters asked United States Circuit Judge Andrew Kirkpatrick, sitting in Newark, New Jersey, to appoint receivers for the National Asphalt Company and the Asphalt Company of America. The court appointed three: Henry Tatnall of the America "protective" committee; John M. Mack, vice-president of the National Asphalt Company, and John F. Shanley, a contractor of Newark, reported to be a friend of Mack. The last soon resigned. But Mack acted, as did Tatnall, who, on that account, withdrew from the bondholders' "protective" committee. Tatnall had a spotless reputation in the business community. He was president of the Franklin National Bank of Philadelphia, and was connected with other important financial institutions of that city. Whatever the outside bondholders might have thought about Mack and Shanley, they placed dependence on Tatnall because of his responsible banking position.

Courtesy of the Philadelphia "North American"

President Francis V. Greene of asphalt trust No. 2 (The National Asphalt Company) playing the rôle of ventriloquist and manipulating the automatons representing the $3,000,000 loan fund and $3,000,000 investment fund, both stuffed with straw (and together known as the $6,000,000 "guarantee fund"). The automatons are made to appear to say that all goes well with the asphalt trust; that a man who steals $10,000,000 is a modern financier; and that a newspaper or periodical that exposes such a man is a yellow, sensational, scandal-mongering, friend-sacrificing sheet

The "protective" committees engaged the Audit Company of New York to examine and report on the books and papers of the Trust, and in March, 1902, issued a statement declaring substantially that the Trust never earned interest on its bonds, that it was over-stocked and bonded $40,000,000 and that complete bankruptcy was inevitable. Material substantiation of this came next month, April, when the Trust defaulted interest on the America bonds, and the "guarantee" fund of $6,000,000 in the hands of the Land Title and Trust Company, which had been generally supposed to be composed of cash, turned out to be made up of "cats and dogs," the popular name for relatively worthless securities. The fund may have originally been "gilt-edged." It is certain that two interest payments were made from it. But the officers of the Land Title and Trust Company, the trustee of the fund, appear to have admitted, when the crash came, that they had at some point in the transactions allowed the asphalt trust managers to change the securities composing the fund. Perhaps that is why at the time of the collapse of the $6,000,000 fund $3,000,000 was represented by demand notes given by some of the constituent companies and renewed at maturity. These notes represented sums loaned to the subordinate companies for the conduct of their business. Two-thirds of the other $3,000,000 of the fund consisted of shares, collateral certificates and gold coupon bonds of constituent companies! As a sample of the remarkable methods of blind-pools and "high finance," this $6,000,000 "guarantee" fund of the National Asphalt Company may take front rank.

Nor can the stock-watering exploit of that combination be regarded as far behind. The "protective" committee had asserted that the Trust had $40,000,000 too much stock and bonds. The Audit Company of New York set down these three items in its report of assets:

Cash	$798,737 00
Real Estate.....	5,838,783 00
Plant	3,712,582 00
Total	$10,350,102 00

There were a number of other items which, with the foregoing, footed approximately $61,000,000. But that these other items really represented $50,000,000 of nominal value—were in truth of such vapory and "unsubstantial things as dreams are made on"—was proved subsequently when the total assets of the National Asphalt Company and of the Asphalt Company of America sold under the auctioneer's hammer—that pricker of monopoly inflations and leveler of trust mountains—for $6,006,000!

But the sale of the double Trust's effects did not occur until May, 1903. Meanwhile the "protective" committee had been busy. In July, 1902, the committee published an extensive report based upon the findings of the Audit Company of New York. The report laid bare the stock-watering operations of the promoters and named, among others, Barber, George W. Elkins, and Greene, as having obtained a considerable part of the plunder. The public rejoiced over this exposure of the promoters and hailed the "protective" committee as a general benefactor.

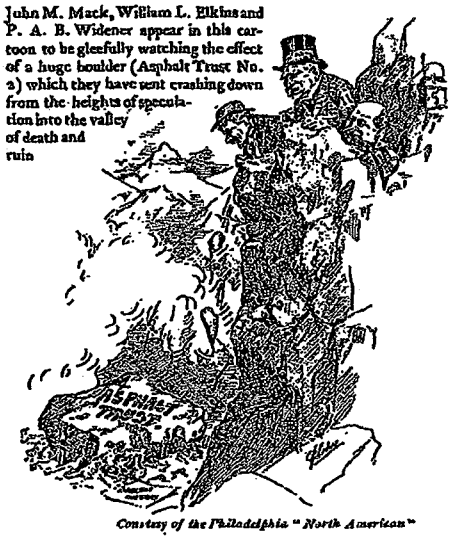
But the *North American* of Philadelphia, which was the first publication of any kind in the country to discover the stock and bond-watering nature of the asphalt trust and which denounced the promoters as "financial thimble-riggers," protested vehemently against various features of the "protective" committee's plan of reorganization.

The main feature of that plan was to form a new substitute company, with $14,000,000 of preferred stock, $17,000,000 of common stock, and no bonds. This was a $31,000,000 capitalization, as against $60,000,000 in stock and bonds for the Asphalt Company of America and $58,000,000 of stock and bonds for the National Asphalt Company. The $14,000,000 of preferred stock of the new Trust was to be given to the America bondholders in exchange for their $30,000,000 of bonds. The promoters were to "underwrite" $4,500,000 of the common stock at 50 per cent., that is, they were to buy that much stock, face value, for $2,250,000. They were to acquire other blocks of common stock for surrendering their National Asphalt bonds and preferred and common stock.

The promoters doubtless would have liked to take a majority of both kinds of stocks, but the mere suggestion of that might have roused the America bondholders and brought a storm of law suits of every size and variety. So, to avoid litigation and to tempt the America bondholders into the reorganization, the promoters had to arrange to give them the preferred stock, the promoters themselves taking the common, and in addition paying into the treasury of the new company for working capital two and a quarter million dollars in cash.

Superficially it might look as if, giving outsiders the preferred stock and themselves taking the common, the promoters would lose all financial interest in the reorganization. But in "high finance" where there is control there is always hope—for promoters, no matter how adverse circumstances might at first appear. The promoters proposed to take this control through the common stock. But, as if to make assurance doubly sure, the plan provided that all the stock, save enough to qualify the officers and directors, should be placed for ten years in the hands of five trustees, who only were to vote. The plan named the five: Rudolph Ellis, William F. Harrity, Alvin W. Krech, George R. Turnbull and Henry Tatnall. One of these men was receiver for the double Trust, three of them were on the "protective" committees of the two companies, and all five were obviously the friends of the promoters.

As soon as the plan was published a cry

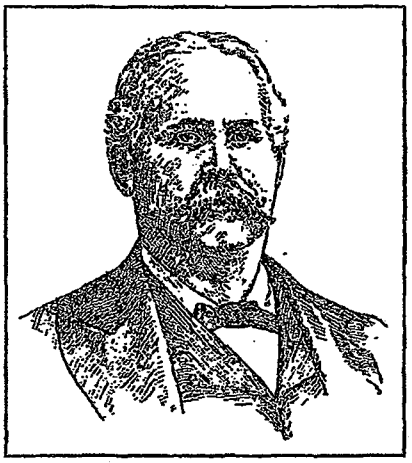


John M. Mack, William L. Elkins and P. A. B. Widener appear in this cartoon to be gleefully watching the effect of a huge boulder (Asphalt Trust No. 2) which they have sent crashing down from the heights of speculation into the valley of death and ruin

Courtesy of the Philadelphia "North American"

went up that it was a device for handing the asphalt organization back to the promoters; and later a secret understanding between the "protective" committee and the promoters was uncovered, which was to relieve the latter of the serious embarrassment of bondholders' suits. This secret agreement was to give to the promoters the old America bonds, when they should be surrendered to the new Trust in exchange for the latter's preferred stock. Of course the promoters, as bondholders, would not care to bring suits against themselves, as promoters, for recovery; and so the suits would be dropped.

This feature of the plan was not at



Judge Andrew Kirkpatrick of the United States circuit court, who appointed receivers for the National Asphalt Trust at the request of its promoters

once apparent. Yet it is clear that the America Company "protective" committee early invited America bondholders to place their bonds in the committee's hands, the latter announcing, but laying no stress on the matter, that such depositing should be construed to constitute an absolute and irrevocable assignment to the committee, for it to dispose of them as to it might seem wise. When outcry on the part of a few was raised against this feature, the "protective" committee said substantially: "Accept our plan of action and get what is to be got out of the wreck or go it alone and bring suits on your own accounts, thereby satisfying yourselves that you can get nothing." This argument, offered by men of unsullied business probity, in the end seemed conclusive to the unorganized bondholders, so that in the course of a number of months 97 per cent. of the bonds were confided to the "protective" committee, to do with as the latter willed.

In May, 1903, ten months after the publication of the plan of reorganization, the "protective" committee, helped in the friendliest manner possible by the old crowd of promoters, put through its plan and launched asphalt trust No. 3. An important step in the transaction was that the entire assets of the National and America companies were sold at auction by order of court. There was one bid—that of the promoters—for $6,006,000. By a trick of bookkeeping, the check given for that amount, while appearing to represent cash, really represented securities of asphalt trust No. 3, which securities were, by the "protective" committee's plan, to be exchanged for the National and America stocks and bonds. The exchange could have taken place just as well without the form of sale, but that would have left trusts No. 1 and No. 2 still legally in existence. The auction feature was used to make the exchange of securities and at the same time legally to extinguish the America and National companies.

Asphalt trust No. 3 was incorporated under the laws of New Jersey, with the title of "The General Asphalt Company." As if to prove to the public that the familiar crowd of promoters was in command, John M. Mack, who had been vice-president of the National, was elected president of the new trust.

As by program, all of the America bonds that had been confided to the "protective" committee, which was 97 per cent. of the whole amount of $30,000,000, were exchanged, through the form of the auction sale, by the said "protective" committee for something less than $14,000,000 of the General Asphalt Company's preferred stock, and this 97 per cent. of the America certificates, after finding their way into the treasury of the General Asphalt Company, were later thrown out as commercially valueless, and found their way into the private lock-boxes of the promoters. Any of the holders of the other 3 per cent. of these bonds might bring suit for recovery against the promoters, but Receiver Tatnall has been charged by enemies of

the promoters' operations with himself bringing "blocking" suits—suits that they declared were not intended to succeed against the promoters, and that would prevent other suits from succeeding. The receiver had early obtained authority to prosecute Barber, George W. Elkins, Greene and others to recover for stock and bond-waterings. But nothing effective has been done about it.

Barber, according to common report, had sold his stock and bonds at the height of the asphalt boom, and smiled complacently at the close-following disasters. Elkins was thought to have done fairly well, too; but Greene was believed to have held on in expectation of getting a better price, and, in consequence, to have been "caught with the goods on him." Although his share had been much smaller than that of either of the other men, it may have constituted the main part of his competence; and when the bottom fell out of the asphalt market financial embarrassment is said to have compelled him to sell some of his real estate. But he obtained the New York City Police Commissionership, and perhaps that saved exposure of impecuniosity.

As Police Commissioner, he was a strict disciplinarian, and he won public approbation by suspending police officers who were under charges, taking the ground that men who were appointed to enforce the law must be free of suspicion of breaking the law. But when asphalt scandals were laid at his door, and some of the New York newspapers asked him if, being under grave charges against his honor, he did not think he should resign his commissionership, the essence of the little he condescended to utter in reply was in these words: "When the Asphalt Company of America was formed I was guided by advice of the best counsel I could obtain. I shall take the same course now, and I shall not discuss the matter, except in court."

But he did not resign his police commissionership until the city election of last fall brought an administration adverse to him and his policy.

Nor is there any probability of his ever being taken into court to answer charges of crooked asphalt financing. Under the statute of limitations time has outlawed many possible suits against Greene and the other promoters, and asphalt sufferers believe that Receiver Tatnall has not only blocked the way for any independent legal action, but that he is himself proceeding with a deliberation that could not be slower if he really intended to have the statute of limitations cut off every kind of prosecution.

Thus three times the sheep, thinking they were going to pastures green, have gone forth to a shearing and a slaughtering. Some few of the men among the promoters who at no time had any evil intentions toward the public, and were carried along rather than were parties to the plan

Henry Tatnall, president of the Franklin National Bank of Philadelphia, one of the receivers of asphalt trusts Nos. 1 and 2

of operations, have, since the collapse, made such reparation as seemed to them practicable. Dr. Ludwig S. Filbert of Philadelphia, now deceased, was one of these men. He is said to have distributed half a million dollars among those of his friends who had invested in asphalt securities at his suggestion and who lost in the ensuing smash. But men like him are honorable exceptions to the rule. Toward the cry of anguish of a multitude of small investors and the sight of their ruin, most of the promoters turned deaf ears and glassy eyes. The thoughts of these Princes of Speculation were busy with their next conquest.

(*"The Shipbuilding Trust" will be the next subject taken up in this series.*)

PEARSON'S MAGAZINE

VOLUME XI.

JANUARY TO JUNE, 1904

THE PEARSON PUBLISHING COMPANY

NEW YORK CITY

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HARVARD ECONOMIC STUDIES

PUBLISHED UNDER THE DIRECTION OF
THE DEPARTMENT OF ECONOMICS

VOL. X

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CORPORATE PROMOTIONS AND REORGANIZATIONS

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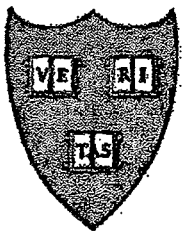

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TO MY FATHER

CHARLES H. DEWING

IN GRATITUDE

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Scharf Company retained. To obtain the necessary money with which to purchase the Warren-Scharf Company, Messers Barber, Greene and G. W. Elkins arranged a syndicate which acquired the stock.[1] The syndicate then sold the assets of the Warren Chemical and Manufacturing Company, the subsidiary of the Warren-Scharf Manufacturing Company which was engaged in the preparation of roofing asphaltum products, to the Barrett Manufacturing Company for $50,000 or more.[2] Thus the net cost to the syndicate of the Warren-Scharf Company was approximately $1,440,000. The syndicate transferred the Company to the Asphalt Company of America in exchange for $5,618.42 in money, and $2,278,320 in Collateral Trust Certificates, a price somewhat less than that offered originally to the stockholders of the Warren-Scharf Company. In the transaction the buyers and the sellers were to all intents and purposes the same men, — the managers of the syndicate on the one hand, and the promoters of the Asphalt Company of America on the other hand.[3]

The fourth concern in the Barber group, the United Asphalt Company, was promoted for the single purpose of selling it to

[1] The syndicate was participated in by the same eight men who represented the largest stockholders of the Barber and Trinidad Companies and in addition Wm. L. Elkins and Sydney F. Tyler. Receiver Tatnall's Report, filed July 6, 1903.

[2] The Biddle Committee Report, page 15, states that the syndicate received $240,000 in money from the Barrett Manufacturing Company for the assets of the Warren Chemical Company. From direct and reliable evidence from another source it appears that this was an exaggerated statement and that the actual price received was approximately $50,000. Certain other statements in regard to the Warren-Scharf Company, made in the Biddle Committee Report, do not seem to be reliable.

[3] PROFITS IN WARREN-SCHARF SYNDICATE

	Syndicate Contribution	Apportionment of Collateral Certificates	Nominal Profit in Collateral Certificates
A. L. Barber	$233,175	$334,426	$101,251
E. Burgess Warren	215,325	327,294	111,969
J. J. Albright	115,875	176,130	60,255
G. W. Elkins	250,000	380,000	130,000
G. D. Widener	49,800	75,696	25,896
F. V. Greene	50,550	76,836	26,286
Edmund Hayes	64,950	98,724	33,774
C. K. Robinson	20,325	30,894	10,569
	$1,000,000	$1,500,000	$500,000
Wm. L. Elkins	250,000	380,000	130,000
Sydney F. Tyler	250,000	380,000	130,000

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The Barrett Trail

The Story *of the*
Development *and* Growth *of*
The Barrett Company
1850 *to* 1921

By
CHRISTOPHER G. ATWATER
Assistant to Vice-President
Manager Agricultural Department
The Barrett Company

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The Barrett Trail

By CHRISTOPHER G. ATWATER

THE Barrett Company is engaged in the manufacture and distribution of coal tar products and derivatives, of ammonia in various forms, and of roofing materials made from both coal tar and asphalt. As might be expected from the nature of its raw materials, the beginnings of The Barrett Company were in several smaller organizations. Tar, when first produced in the process of making coal gas, possessed value mainly as a nuisance; that is to say, no particular purposes had been discovered for it in any quantity, and its unchangeable nature, its persistence in remaining TAR and leaving permanent traces on whatever it touched or was contained by, made it difficult to dispose of as a manufacturing waste. It polluted streams and ponds, ruined the soil for agriculture, and even its possibilities as a fuel, to say nothing of roofing, chemicals and dyes, were as yet unsuspected. It is one of the outstanding successes in the history of waste utilization and applied chemistry that such a structure as the great coal tar industry should have arisen from so unpromising a residual product.

Coal tar, though now obtained principally from by-product coke ovens, came originally from city gas works; therefore, those cities that had gas plants had also the problem of disposing of their coal tar.

To utilize it profitably local organizations sprang up and developed on more or less individual lines. Baltimore had coal gas in 1821, Boston in 1822, and New York a year or two later, but it is not until 1850 that we find the Mica Roofing Co. established in Brooklyn by Mr. W. H. H. Childs, whose son, Mr. Eversley Childs, and cousin, Mr. W. H. Childs, are now chairman and president, respectively, of

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The Barrett Company. The original company to bear the Barrett name, Barrett, Arnold & Powell, was organized in 1858 in Chicago by Major Samuel E. Barrett. The Warren brothers, Samuel M. and Cyrus M., already in the roofing business in Cincinnati in 1846, took up tar distillation in Buffalo a few years later, and, with their brother, Herbert M., incorporated the Warren Chemical & Manufacturing Co. in 1855. Another brother, Mr. E. Burgess Warren, started operations about the same time in Philadelphia and Washington, this organization becoming the Warren-Ehret Company in 1883, enlisting the interests of Messrs. George W. Elkins and George Widener. In 1860 Michael Ehret and Charles Volkner started a tar and gravel roofing business in Philadelphia under the name of Volkner & Ehret, and in 1864 Ehret's Slag Roofing was patented. George S. Page & Co., of Boston and New York, began operations in 1861, later on becoming Page, Kidder & Fletcher, of New York, bringing into the subsequent consolidation Mr. E. H. Kidder, now a director, and Mr. I. D. Fletcher, chairman of the board until his recent death. Through this connection the present Ammonia Department came in, this business having been started in 1878 under the direction of Mr. E. H. Wardwell, later secretary and director of the Barrett Manufacturing Company until his death in 1911. In New Orleans, the first large southern city to have a coal gas plant, the Page-Bradford Company started business in 1865, Mr. I. D. Fletcher, and later on his brother, Mr. George Fletcher, being active in its development. In Cleveland the Forest City Chemical Company started operations in 1873 under the guidance of Mr. A. T. Perry, formerly of the Warren Chemical & Manufacturing Company, and a director of The Barrett Company to the end of his life. In Pittsburgh a small gas and tar plant, operated in the '70's by a Mr. Clifford, developed later into the firm of Slocum, Lloyd & Orr. Dr. H. W. Jayne, later the H. W. Jayne Chemical Company, in which Messrs. Ehret, Elkins and Widener were also interested, began business in Frankford, Pa., in 1884, being the forerunner of the present Chemical Department. These may be fairly considered as the principal progenitors of the present Barrett Company.

In 1896 the Barrett Manufacturing Company was formed by the consolidation of the above-mentioned concerns, or their successors,

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and others of later origin, including some dry felt interests, the entrance of the Mica Roofing Company and the Warren Chemical & Manufacturing Company being delayed, however, until 1899. The progressive changes that took place in the various constituent companies before consolidation and those that affected the main organization subsequently are outlined on the diagram, page nine, insofar as the information is now available.

The early uses found for tars were, of course, of the cruder sort. Tar paints and water-proof coatings were among the most obvious ones. From these the roof coating was a natural step. The Warren Brothers, who in 1846 were laying roofs with squares of ship sheathing felt saturated with pine tar, later on conceived the idea of using coal tar to soften the pine pitch and saturate the paper, while experimenting in Cincinnati. Removing to Buffalo, N. Y., in 1857, they began the distillation of coal tar, the object being to bring it to the right constituency to use as a roofing cement. This they successfully substituted for the more expensive mixture of coal tar and pine tar pitch which they had been using. This was the first attempt, so far as we know, to manufacture anything from coal tar on a quantity basis in this country. The Warrens also used sand to make the felt lie down on the roof, and when this proved too light for the purpose sustituted gravel, which seems to have been the first appearance of the now familiar "tar and gravel" roof, more accurately known as pitch and gravel. The saturation was done presumably by dipping in a tank of the hot composition and passing through hand-operated rollers, as this was the method used in Chicago, New Orleans, and elsewhere, as late as 1870, though later on the Warrens appear to have used felt in the roll in place of single sheets. This may be contrasted with the present power driven high speed saturating and coating machinery.

The New Orleans plant, under the direction of Mr. George Fletcher, seems to have been among the first to recognize the value of definite specifications for roofing, and thousands of squares of the so-called "Fletcher Roof" were laid in the south. New Orleans may also lay claim to the first steps in the open tank treatment with creosote oil for wood preservation, in the early '70's. Paving blocks treated at that time and laid in the driveway of the New Orleans Gas Light Company's plant were examined in 1907 at a meeting of the American

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Wood Preservers Association and found to be in excellent condition after nearly forty years' service. Creosote oil was not only manufactured from tar produced in New Orleans, but it was imported from abroad and used in treating timber and piles for docks along the Gulf coast and even in Mexico and Colombia. These undertakings were doubtless due to the immediate need for protection from the teredo in tropical waters, and were the forerunners of the tremendous business field that now has developed in the treatment of railroad ties, telegraph poles, trestles, etc., as well as piles and dock timber.

The organization of the Barrett Manufacturing Company of West Virginia in 1896 (see diagram, page 00) brought together a number of the stronger coal tar plants of the East, South and Middle West, and foreshadowed the development that the advent of coke oven tar in quantity made inevitable. With the entrance of the Mica Roofing Company and the Warren Chemical & Manufacturing Company in 1899, the Barrett Manufacturing Company became the dominant concern in the business. The rapid increase in the tar output in the next few years made it necessary to extend facilities and to exploit new fields of possible consumption.

In 1903 the American Coal Products Company was organized to act as a holding company for the combination of the Barrett Manufacturing Company with the United Coke & Gas Company, at that time actively engaged in the design and construction of by-product coke ovens. This organization had the American rights for the Otto Hoffman oven, the principal type in use in Germany, and had built a number of plants which were in successful operation in the United States and Canada. It brought in as a subsidiary the Pittsburgh Gas & Coke Company, which owned and operated a plant of 120 by-product ovens at Glassport, Pa. The United Coke & Gas Company also had contracts with a number of plants completed and in process of erection that placed the disposal of the tar and ammonia recovered in their operation in the hands of the United Coke & Gas Company for a period of years, on a very favorable commission basis. These contracts had been demanded by the United Coke & Gas Company in lieu of royalties on the oven patents, system of construction and operating experience. They were, of course, taken over by the American Coal Products Company, and the ammonia contracts formed the

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nucleus of the present Ammonia Sales Agency Department. The development of other concerns in the field of oven construction made it advisable to dispose of this business to other interests, which was done in December, 1908, with the exception of the Pittsburgh Gas & Coke Company, in which The Barrett Company still holds about a 50 per cent interest.

Shortly after the organization of the American Coal Products Company the common and preferred stock was listed on the New York Stock Exchange and regularly dealt in. It became apparent, however, in course of time, that the public mind, well acquainted with the financial and business status of the Barrett Manufacturing Company through its wide and effective advertising, still failed, as a whole, to connect that organization with the American Coal Products Company. In addition, other interests incorporated a company in the same line under a somewhat similar name, and for these reasons it seemed best to change the company name to The Barrett Company (New Jersey), thus placing the entire business under one corporate title. This change took place February 1, 1916, by corporate amendment.

The transfer of the active organization from West Virginia to New Jersey was done in order to benefit by the more liberal laws of the latter state, The Barrett Company of West Virginia eventually becoming inactive.

In 1906 the extension of The Barrett Company's business into Canada was facilitated by the purchase of the stock of The Paterson Manufacturing Company and later that of the Carritte-Paterson Manufacturing Company. For corporate reasons these two companies were consolidated as The Barrett Company, Ltd., of Canada, in 1917.

On March 3, 1913, following a lengthy and exhaustive investigation of the company's affairs, the Government filed a suit in equity against the American Coal Products Company and its subsidiaries, charging violation of the Sherman Anti-Trust Act, and on the following day a decree was entered in the United States District Court, under which certain inactive subsidaries were ordered dissolved and other active subsidaries operated as departments, it being also required that the company dispose of 25 per cent of the stock of the

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H. F. Watson Company, in which it held 70 per cent, and also to slightly modify some business methods. These requirements were nominal in effect and were really complied with as being actually an indorsement of the existing methods and practices.

The Congoleum Company, which was a development of the original Buchanan-Foster Company and had been operated as the Congoleum Department, was sold in 1919 to the Congoleum Corporation, a substantial interest, amounting to $1,000,000 of the second preferred stock, being retained. This organization has worked out a process of making low-priced floor coverings of attractive design and excellent wearing qualities, using saturated felt as a base, which have been placed on the market with considerable success.

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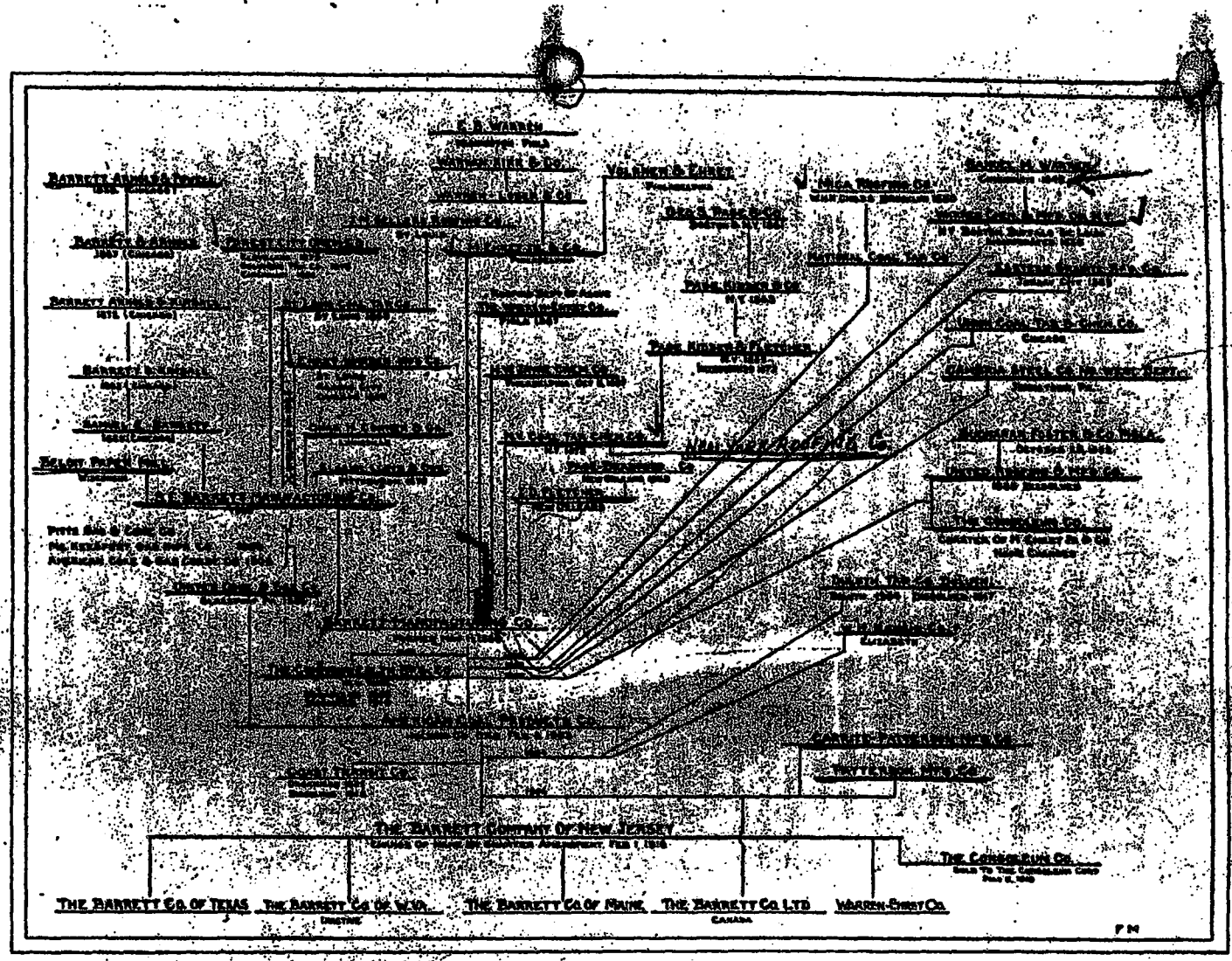

HISTORICAL CHART SHOWING *the* DEVELOPMENT *of* THE BARRETT COMPANY *from the* ORIGINAL CONCERNS

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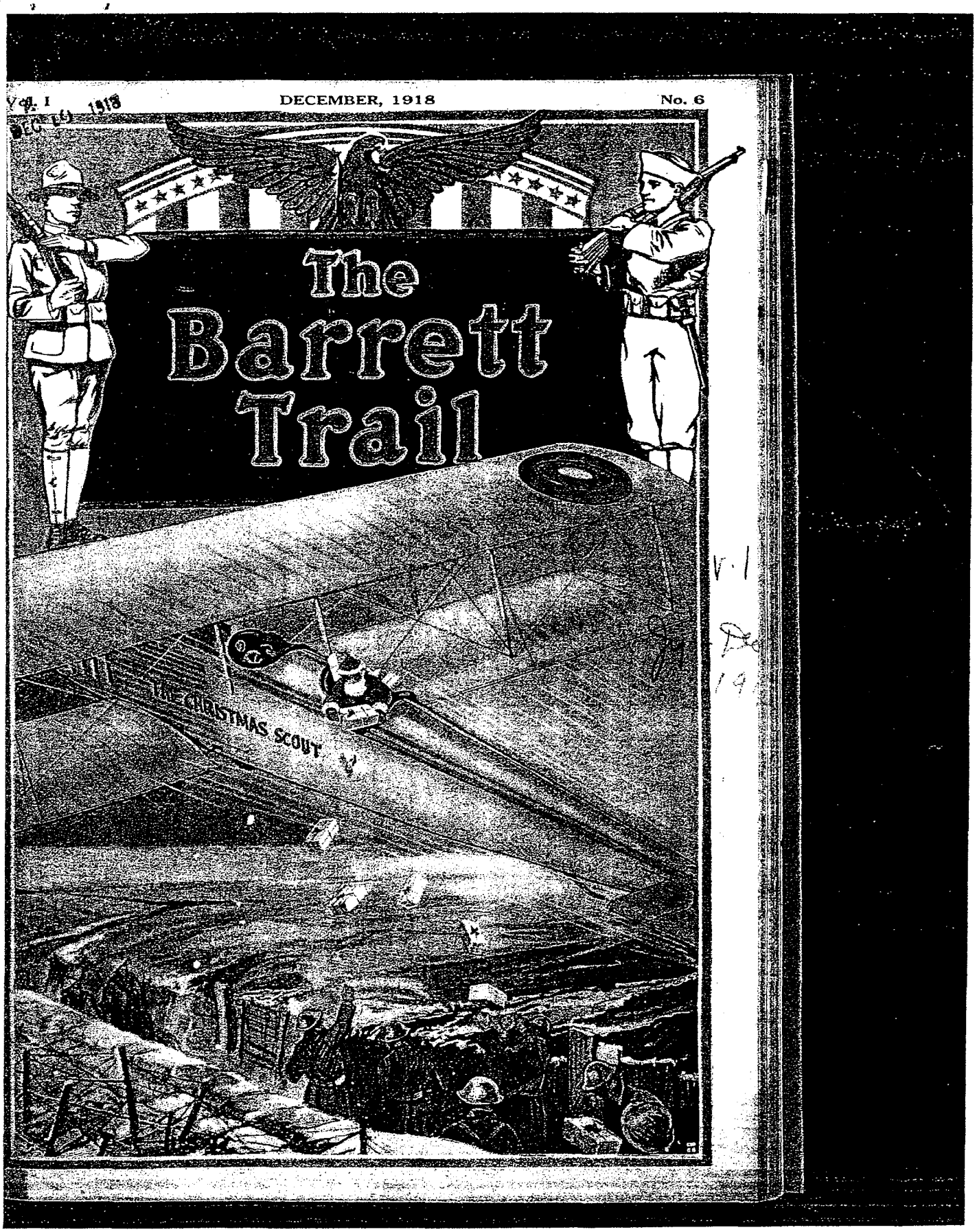

WINDSOR CASTLE.

Soldiers of the United States, the people of the British Isles welcome you on your way to take your stand beside the armies of many Nations now fighting in the Old World the great battle for human freedom.
The Allies will gain new heart & spirit in your company.
I wish that I could shake the hand of each one of you & bid you God speed on your mission.

George R.I.

April 1918.

Facsimile of a letter from King George V of Great Britain, copies of which are handed to our boys when they reach the other side

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Vol. 1 December, 1918 No. 6

Christmas 1918

By Treasurer E. J. Steer

Christmas of 1918 will fall in the most momentous year in the history of the world, since the birth of Christ.

Nearly two thousand years ago the angels sang their message to the simple shepherds on the Judean Hills, heralding that greatest Gift to the whole world, and proclaiming "Peace on Earth, Good Will to Men." Although the physical life of the Man of Nazareth covered a period of about thirty-three years, we know that his essential work, which was to shape the course of human events and mold the destinies of mankind, was comprehended in the last three tragic years of his earthly career. So, into the short period of time beginning in August 1914, and closing in the year of our Lord, November 11th, 1918, there have been crowded events, transcending in importance all other events in history since that first Christmas morning, but relating to it in a very real sense in that they have contributed more than anything else to the fulfillment of the message of the angels.

It was the writer's fortune to be in Belgium on that day when the treaty guaranteeing her neutrality and protection against invasion was torn into scraps by the rulers of a nation which had sworn to honor it. I rode to the French frontier on a troop train carrying those brave little men who were to give their lives in defense of their country's honor. A few days later, in England, it was my great privilege to witness the wonderful response of the people of Britain to the Macedonian call that sounded across the channel from Belgium and France.

Never shall I forget a wonderful summer morning which I spent in motoring through the picturesque Caledonian hills. For miles on either side of the highway the hillsides were covered with the glorious heather in full bloom, and as we

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came over the crest and began to wind down the valley, I heard the wild cry of the bagpipes skirling the Pibroch. As we swung into Inverness we saw a famous regiment of "Camerons" marching away from their historic barracks. They were following their pipers to the ships which were to take them to join their comrades from other parts of Scotland, England and Wales on the fields of France, who, together with them, made up the immortal "First Hundred Thousand." These were the men who later fought the picked troops of Prussia at Le Cateau and Loos, upholding the honor of Scotland and vindicating the best traditions of their ancient clan, and who, finally, left the greater part of their number under "the poppies that grow on Flanders' Fields."

Looking back over the four years which have passed so swiftly, and in view of all that has happened, I am convinced that never in the history of the world has the spirit of giving, in its truest and noblest sense, been so truly exemplified. In those critical days of last Spring it looked to some as though France, Belgium and possibly Britain were to be called to give their all, and to go down under an avalanche of wrong and oppression. Does *anyone* doubt that, if it had been necessary, this sacrifice would have been willingly made by the peoples of those brave countries in defense of that which they deemed dearer than national life itself?

When we sent our first few hundred thousand American boys to France, fresh and eager to lend a hand in the great struggle, they were gratefully received. Their enthusiasm put new life into the overworked and tired troops of France and England, and from then on the lines were strengthened. They pushed forward in their united strength until the resistance of the forces of the Central Powers was broken, until the final surrender came on that wonderful day which will ever shine in history and will be recognized by future generations of the Allied Nations as Victory Day and their gift to the world.

It will be some time before history will record, in their chronological order, the events of the Great World War, and years will pass before the final cost will be footed up, if ever it is accurately known.

The summary now appears to be about as follows:

Twenty-four nations and colonies were allies against Germany and the nations associated with her.

Thirty-five million of the men of the allied nations and the United States of America were under arms for the period of the war. Of this number nearly four and a half million were killed in action or died through causes brought about by the war, and over three million were disabled. The value of ships destroyed in action or at sea was more than a billion dollars, and the total cost of the war runs up to the stupendous sum of ninety-nine billions of dollars.

* * * * *

I cannot close this article without reference to our own "Barrett" boys. We recall with pride the eagerness with which they entered the period of preliminary training, and when the opportunity to give themselves came, 850 entered the service.

The sudden termination of hostilities will prevent many from going overseas who were eager to go and awaited patiently orders to embark. Twenty gold stars appear in the "Barrett" Service flag. And that the number of "Barrett"

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men who made the supreme sacrifice is so small, we are thankful, always remembering that the spirit of our boys was such that, had the war lasted and opportunity presented itself, every man would have stood true to his purpose and given his life willingly for the cause.

The employees of The Barret Company have made liberal response to all of the appeals for War Relief in the shape of contributions of money and service given to the various forms of war work. This work, however, is not ended, and the necessity for contribution to War Relief Funds will continue to perhaps even greater extent than before. The special features growing out of the war—the stirring posters picturing our brave boys going over the top, will be missing from the future campaigns. The "war" atmosphere, caused by actual hostilities and which appeals directly to our emotions, will be gone. Our thoughts will again turn into the channels they pursued before we entered the war, and it will be harder to retain the personal interest that we had in the days of the conflict. We should bear in mind, however, that our giving from now on will be not so much from a sense of duty as from a feeling of gratitude for the great thing that has come to us; and to all those who shall come after us, may it endure forever!

"He gives only the worthless gold,
Who gives from the sense of duty,
But he who gives but a slender mite,
And gives to that which is out of sight
That thread of the all-usustaining Beauty
Which runs through all and doth all unite—
The hand cannot clasp the whole of his alms,
The heart outstretches its eager palms;
For a God goes with it and makes it store
To the soul that was starving in darkness before."
—*Lowell.*

THE FLAG IS MARCHING ON

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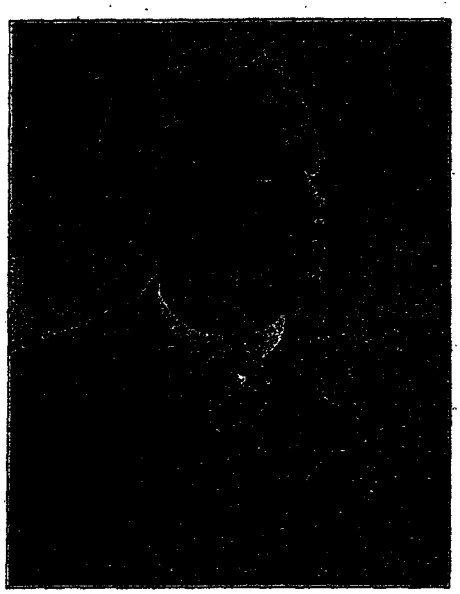
Allen T. Perry

1840-1918

THE RECOLLECTIONS OF HIS SON, D. T. PERRY, MANAGER OF THE BARRETT COMPANY, CLEVELAND, OHIO

Allen T. Perry, pioneer in the coal tar industry and late vice-president and director of The Barrett Company, died September 7th, 1918, in his 78th year.

Mr. Perry was born in the village of Dublin, New Hampshire, two days before Christmas, 1840. His boyhood was devoted to farming at his home, but he did manage to acquire a thorough education in the three "R's" despite the very limited advantages of that time. Throughout his life, Mr. Perry supplemented his early schooling by extended reading of standard English and American writers.



ALLEN T. PERRY
As he appeared about twenty-five years before his death

Early in 1862 he enlisted in a New Hampshire regiment and later saw service in the battles of the Second Bull Run, Ball's Bluff, South Mountain and Antietam, among others. Following a long period of exposure and fatigue, and after a year's illness in a Washington hospital, he received his honorable discharge from the Army.

A year later he made his first connection with the coal tar industry, entering the employ of the New England Felt Roofing Company of Boston. This concern was one of the pioneer roofing concerns in the promotion of the use of pitch, tarred felt and gravel for "built up" roofing. He remained with them for six years, most of which time he served as a salesman, covering not only New England but also Eastern Canada and our own Middle West.

He left the employ of the New England Company in 1870 to join the Warren Chemical and Manufacturing Company of New York, who were also distillers of coal tar. Among their products were tarred felt and other roofings and various asphalt materials, all made at their old plant at Hunter's Point, New York. At that time the New England Felt Roofing Company were agents for the Warren Company, so that Mr. Perry's work continued along much the same lines as before; his trips constantly taking him into Ohio and the adjacent territory.

Through his observations in this field, he was convinced that there was a good opening for the roofing line there, and,

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having organized a company for that purpose, he went to Cleveland in 1873 and located a site for a tar distilling plant—the site of the present Cleveland plant. An interesting fact in this connection is that the property selected was leased from the Standard Oil Company, and the original lease bears the signature of John D. Rockefeller.

This was the beginning of the Forest City Chemical Company, the name arising from the then commonly accepted "nom de plume" of the city of Cleveland. Mr. Perry was the president and general manager of the Company, his associates being Mr. J. E. Herman and Mr. S. E. Chandler, of Cambridge, Mass. The company obtained its tar from the Cleveland Gas Light Company and from The People's Gas Light Company of Ohio City, later the West Side of Cleveland. Mr. Perry brought with him from New York, Mr. Henry Bunning, who served in the capacity of factory superintendent for upwards of forty-three years. Although Mr. Bunning is now retired from active work, he continues to be keenly interested in the business of The Barrett Company and keeps closely in touch with the Cleveland organiaztion.

In its early years the scope of the Company's activities was naturally quite limited as compared with our present operations, and Mr. Perry shortly undertook to widen the field for the sale of coal tar products. He became particularly interested in the use of coal tar pitch for paving purposes, with the result that Ohio has ever since been the center of an industry promoting the use of a pitch filler for block pavements. Through the organization of The Columbus Paving Company, a great extension in the use of tar macadam pavements was effected, large areas being laid in Buffalo, Erie, Cleveland and Columbus. In order to take care of the last mentioned, Mr. Perry established a separate distilling plant at Columbus, which is still in existence. A few years later a Cincinnati plant was built, using the tar from the Cincinnati Gas Light Company and neighboring gas plants. Of course, these were the days of gas works tar only, as contrasted with the present supplies of coke oven tar.

In addition to the roofing and paving industries, Mr. Perry interested himself in the production of anthracine and furnished quantities of it to the Schoelkopf interests in Buffalo, up until the time when German activities put the American dye industry practically out of business. It was at Cleveland, also, that the present extensive carbon industry, with its use of great quantities of hard pitch had its origin, through the discoveries of Mr. Charles Brush, a brother-in-law of the late Major S. E. Barrett, whose name our Company now bears. Other large industries established in this territory by Mr. Perry were the tar paint business, which still centers in Ohio, and the use of pitch in the manufacture of targets for trap shooting. It is readily seen that the interesets of the Forest City Chemical Company extended considerably beyond the roofing field, which continued for some years to be the main development of most of the tar distilling companies.

The year 1889 was marked by the first important merger of concerns engaged in the coal tar industry, the combine being known as the S. E. Barrett Manufacturing Company, owing to the fact that Major S. E. Barrett, of Chicago, was largely responsible for its organization. The three plants of the Forest City Chemical Company were included in the merger and Mr. Perry became first vice-president of the new company, retaining general supervision of his three plants.

In 1896 the S. E. Barrett Manufacturing

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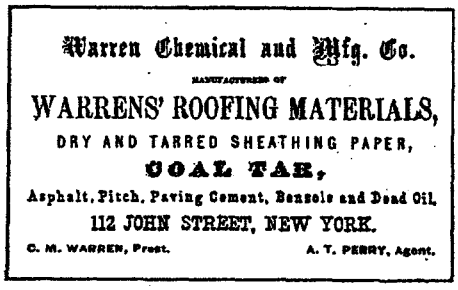
Company combined with several of the eastern coal tar distilling companies, among



ONE OF MR. PERRY'S FIRST "CALLING CARDS"

them being The New York Coal Tar & Chemical Company and M. Ehret, Jr. & Co., and dropped "S. E." from its name, being known simply as The Barrett Manufacturing Company. Further enlargements of the Company occurred in 1900, when The National Coal Tar Company and allied concerns were added. Mr. Perry continued as vice-president of the new organization up to the time of his death, though he ceased active participation in the details of the business, January 1, 1912.

Mr. Perry's connection with the coal tar industry covered a period of more than fifty years. During that time he saw the business develop from the very smallest beginnings to one of tremendous proportions and of almost endless ramifications. He was truly a pioneer in many of the lines which are today becoming of essential importance to the Company. His knowledge of the various phases of the subject was obtained from exhaustive study and experiment. The Cleveland plant was among the first of the distilling plants to establish a laboratory and Mr. Perry was one of the pioneer chemists in this line. His interest in the technical end of the business was just as thorough and comprehensive as it was in all the other departments. It is understood that he instituted the use of tank car transportation of coal tar and that he was among the first, if not the first, to interest tar producers in the sliding scale price basis. It was his constant endeavor to effect a close co-operation between the tar producer and the tar distiller.

Apart from his connection with the coal tar industry, Mr. Perry was interested in the development of Cleveland as a business center. At the time of his death he had connections with a number of manufacturing concerns in Cleveland and was director in several banks. But first, last and always, he was a "coal-tar" man and his greatest interest was in the development of the great possibilities which he saw in the future of the industry.

As the Army Sees It

By Cpl. Wm. G. Wedge

Is the war over—
Must we return
To fires of Homeland,
Where'er they burn?

Must we then forfeit
Free food and shows,
Having to earn again
All of our clothes?

Shall we be forced to
Think once again,
Without relying
On other men?

Is our vacation
On Uncle Sam
Cut short because of
Foch's final slam?

Must we relinquish
War's lazy lease,
All for the hazards
And hardships of Peace?

"Peace," say they gaining?
Lost have we more;
Gone with the winning
The comforts of War!

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The Barrett Trail

Our Share in the Fourth Liberty Loan

OVER $450,000 SUBSCRIBED

Subscribers to the number of 5284 out of a total number of 6120 employees and a combined subscription of $454,450 are the proud records of the Company in the Fourth Liberty Loan. These figures include only those subscriptions made by the employees through the Company and are therefore exclusive of all subscriptions made by the Company or by employees through other mediums.

If there should be a fifth loan, as it is expected there will be, we will probably exceed the record just made. For, as a glance at the following summary of our figures in the four loans will show, we have approached a point where further improvement, at least in so far as our percentage participation is concerned, would be almost impossible.

TABLE I

A composite glance at all four loans

	Total Employees	Number of Subscribers	Per cent. Subscribers	Total Subscription
1.	5,619	1,403	25	$145,850
2.	5,961	3,262	55	270,300
3.	5,897	4,036	68	307,400
4.	6,120	5,284	86	454,450
	23,597	13,985	59	$1,178,000

Two points which are brought out in this table are well worth noting: whereas our total number of subscribers has risen rapidly from 25 per cent to nearly 90 per cent, the average amount taken by individual subscribers has grown smaller from loan to loan. It is to be expected that participation would be increasingly general as more complete information regarding the needs for the money became available and improved methods of publicity were employed, but it is difficult to find adequate explanation for the proportionately decreasing amounts taken, unless it be the multiplicity of agencies among which the individual subscriber feels obliged to divide his total subscription. If we had subscribed to the Fourth Loan at the rate at which we went into the first, our total subscription would have been over $550,000.

The details of the Fourth Loan follow:

FOURTH LIBERTY LOAN

This summary includes only those subscriptions made by employees through the Barrett Company.

Office or Factory	Total Employees	No. of Subscribers	% of Employees Subscribing	Total subscription
Boston	281	214	76	15,350
Brooklyn	98	77	79	5,550
†Chemical	1,396	1,302	93	100,550
‡Chemical	69	69	100	7,250
Chicago	691	668	96	77,150
Cincinnati	49	49	100	5,200
Cleveland	314	294	94	33,950
Congoleum Co.	568	411	72	30,900
Detroit	85	77	91	6,600
Elizabeth	183	120	67	7,400
Fairfield	310	238	77	15,000
Kansas City	24	20	83	2,050
Latrobe	161	161	100	8,600
Minneapolis	30	30	100	1,750
New Orleans	38	22	58	1,300
New York	324	324	100	38,850
Peoria	224	135	58	10,100
*Philadelphia	561	372	66	29,000
*Pittsburgh	102	102	100	12,950
St. Louis	128	121	95	10,400
Salt Lake City	16	16	100	1,000
Seattle	10	10	100	1,150
Shadyside	403	403	100	28,400
Warren C. & M. Div.	55	49	88	4,000
	6,120	5,284	86	454,450

†Frankford. ‡New York. *Includes Warren Ehret Company.

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At the Sign of the Red Cross

NOTE:—This letter was received by Mr. H. V. Henne from Mrs. Eleanor Hayward, of the New York office. It contains a graphic picture of the work being done over there.—ED.

This morning brought me the good news regarding the John Wanamaker credit. I shall have my name transferred to the Paris office because when I want to avail myself of the The Barrett Company's kindness I shall want to do so at once; and having crossed the English Channel myself, I have no intention of trusting any of my precious parcels to that treacherous body of water. You can't imagine the delightful glow that letter gave me. One of the real sacrifices I made in coming "over here" was in depriving myself of the protective feeling provided by The Barrett Company, and it makes an exile feel pretty good to realize that the long arms of the Company can reach across the seas and uphold its various children who are struggling through strange experiences in a strange land

Doubtless you have had the details of my wild trip over. Not wild in the ordinary war sense, because the Germans never troubled us at all; but extraordinary in the weird distances we traversed to insure our protection; in the awful English puddings we consumed for thirteen days; in the fact that we took a tropical ship and traversed an arctic route; that our convoy was composed of ships all drawn from the Far East marine service and, in consequence, we looked like a stage scene from "Yellow Men and Gold" or "Treasure Island." One of the ship's camouflage was so weird as to give the appearance of a particularly dignified zebra. The rules and regulations for protection included the wearing of life preservers at all times, day and night. And if anyone's sense of humor is proof against a vision of one hundred and twenty-three Americans, tall and short, fat and lean, garbed in these atrocities, calmly eating their meals with a pouter-pigeon appearance, then that man is indeed lost to the pleasantries of life!

"PIES WHILE YOU FIGHT"

Paris is far from a lonely place for Americans these

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days. There are so many of us and of the English here that one hears quite as much English as French (which is fortunate when one considers the extraordinary quality of mine.) The streets are gay with the uniforms of many nations. The city herself is so beautiful as to be continually a joy to look upon. My hotel is so situated that the office can be reached in a fifteen-minute walk down the beautiful Champs Elysees, which is bordered with wonderful old horse-chestnut trees, now turning to beautiful shades of brown and gold for a French autumn. Of course, at night the streets are as black as Erebus, but last night witnessed a lessening of this gloom, for yesterday Ostend and Lille were recovered and the Place de la Concorde was illuminated with torches and bonfires, and flags flew everywhere. I attended "Mignon" at the Opera Comique and at the end of the play the manager requested the singing of the national anthem. I do wish everyone of you in America could have witnessed that audience at the finish of the Marseillaise! It was a forerunner of the joy that will fill France when the end shall come. It has been a long, hard, cold pull for France, but her spirit is still strong and the torch of her patriotism never wavers.

MRS. ELEANOR HAYWARD

When you come to make the next Red Cross contribution *I want you all to bear in mind just what it means to our boys.* The little time that I have been with the organization has implanted a great understanding of its wonderful usefulness to the soldiers. At my hotel are a number of its men workers. Night before last brought us one, a young doctor, straight from the American front. If you could have heard, as I did, his story of just what the boys are doing to "make the world safe for democracy" nothing could keep your money in your pockets. He himself looked harassed and dead tired. We have an open grate fire at the hotel and about ten of us sat around its friendly warmth and let that boy talk himself out. I sewed all his buttons on his blouse and told him all my most foolish stories and listened and encouraged him until his eyes began to laugh and his face lost some of its tired lines. And the other men made cigarettes and brewed tea and whacked him on the back and generally played "big brother." By today that youngster is himself again and is as full of pep as a new arrival. This just shows a touch of the spirit of the Red Cross. And it extends from the undramatic general offices far out to the edge of No Man's Land —from the littlest girl clerk to the bravest soldier—all sisters and brothers in the great work of mercy. You should see the zest with which is executed an order to make an allocation of ambulances to certain needy sections. Sometimes the ambulance doesn't seem to exist, but wires burn with messages, strings are pulled, men work and the machinery gets under way, with many a creak, to be sure, but in the end it means some wounded men are aided, and after all that is the main thing. Sometimes the aid is merely to some private on permission in Paris, who finds himself "busted" just when he should rejoin his regiment. Then the Red Cross gets him "out of hock" at his hotel, starts him in the right direction, cheers him up with its attention and saves one more court-martial to the overworked Army. The co-operation between the Army and the Red Cross is cordial and complete. And the liaison officers in its personnel are teaching the French Red Cross to work with equal efficiency.

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The Barrett Trail

This is surely a visitation of a letter! There is so much to tell that I write on without regard for my unfortunate correspondents. If you can make time to do it, please write me again because letters from home look like treasury notes to me over here. Thank the Barrett War Chest for its kindness to me and you might add that my very first purchase is going to be candy if candy can be had. And if it can't I shall buy something equally foolish, because living in France on an expense allowance leaves no surplus for squandering one's wealth on luxuries, so I shall use the Club money for that. But more than the luxury of candy or other foolishments is the luxury of knowledge to me that you all remembered me. I haven't words to express my appreciation for that. It is a mighty nice, comfortable feeling and it has made me feel more than ever that I am serving a cause and a country of "regular people."

"The Barrett Trail"

KENNETH D. MILLER,
Minneapolis Sales Office.

If you want to have the kind of a friend,
  Like the sort of a pal you like,
You needn't pack your kit or bag
  And start on a long, long hike,
He'll come to you straight always,
  Either by sea, or by rail,
And the pal I'm talking about, lad,
  Is found on "The Barrett Trail."

We have been where the fight is the fiercest,
  We have lived mid the roar and the din,
We have fought where the foe is the meanest,
  Where the sunshine of life ne'er comes in.
But there is one thing that always cheers us
  And tells us, we cannot fail.
I don't know what you call it,
  But to me it's "The Barrett Trail."

We have felt our pulses quicken,
  We have seen our pals lie still,
We have felt our own hearts sicken,
  We've been lonesome, hungry and ill.
But there is one thing that always revives us
  And it comes to us in the mail.
I don't know what you call it,
  But to me it's "The Barrett Trail."

He isn't mad over money, he isn't after gain,
  He isn't a social climber, he's very, very plain,
He isn't a brilliant thinker, he isn't after fame,
  He's square and white and a regular man,
And he's always just the same.
  There are lots of men like I speak about,
You can trust them, they never fail!
  They're the bunch of men that constitute
The grand old "Barrett Trail."

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NOTE:—The Woman's Department needs a name—a distinctive name and one that you don't see in every other magazine you pick up. Please send us your suggestions. To the person submitting the best one, we will give a twenty-five cent Thrift Stamp and to the girl offering the most appropriate and practical suggestion as to how and along what lines we may conduct this Department, we will give one dollar's worth of Thrift Stamps.—ED.

FRANKFORD GOES A-TRAMPING

By Evelyn Hamerton

The highways and byways of our city have so much of interest to attract the mind and so much of beauty to satisfy the eye that I can hardly be blamed, nor can any of my sisters at Frankford, for our interest in our brand-new walking club.

We *think* this is to be a fine club.

We *think* we are going to have many members.

We *think* we are going to have some mighty fine times.

We think we are going to despise you unless you are out on *each* and *every* walk. But, we won't, because you will have had a good reason for being absent and you will be coming to the next one—*surely*.

INDIAN ROCK

On October 27, under the leadership of Agnes Curley, we "took to the open road," following the winding, picturesque trails of upper Wissahickon to Indian Rock, and thence to Valley Green, where we had luncheon. Refreshed, we loitered along to Devil's Pool, which we left with reluctance, wending our way over the hills and across country to Woodward's Gardens. Here we boarded a trolley for home, filled with a new zest for our daily duties, by this renewal of our acquaintance with Mother Nature in her gayest autumnal mood.

THE CHARTER MEMBERS

We had such a good time that we "got together" and formed a real club with three officers capable of keeping us out of mischief. They are, President, Agnes Curley; Treasurer, Sara Bonnet; Secretary, Florence Boyd.

Our plans for the future include a hike to lower Wissahickon under the guidance of Sara Bonnet; a boat trip to Wilmington with Betty Veitengruber and a theatre party to see "Maytime," chaperoned by Mrs. Florence Groom.

We cordially invite our Barrett sisters to join us in our wayside adventures whenever they happen to visit our city.

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The Boston Girls Also "Walk Out" on Columbus Day

By One of Them

Ten of us, and a chaperon, started out Friday evening, October 11th, for a real "camping out." We had hired the camp for two days and we carried our provisions, cooked our food and did all the other work ourselves.

We extended a general invitation to the office force to spend Saturday in the woods with us and we served luncheon and supper to twenty-nine on Saturday. Our chaperon testified that every girl did her bit. The Sunday dinner (gotten under most primitive conditions) was simply great. There is no doubting that the office girls are good housekeepers and excellent cooks.

We have the following advice to give, however, to prospective chaperons of "fresh air" parties; do not allow your girls to sleep five on a double couch—crosswise—in order that all may sleep on the piazza. Our tallest girl dreamed that her head rested against the Rocky Mountains, while her feet dangled in the Atlantic Ocean.

The weather was warm and we overheard this remark at Reading Square—"Where is the butter?" Miss E.—"At the rate it's running now it will beat us to camp."

WAR FUND NOTES

Boston

The first meeting of our Whist Club this year was held on October 25. We had a large and enthusiastic gathering.

The factory carried off both of the men's prizes:

WINNERS

1st—Mr. Trease, Factory 1st—Miss O'Connor (a visitor)
2nd—Mr. Walsh, Factory 2d—Miss McLean (Bookkeeping)

CONSOLATION PRIZE

Mrs. L. Millan

The proceeds, $21.00, will be donated to the Red Cross during their December campaign.

We held our second meeting on November 11—a memorable day.

The amount realized, $20.00, has been contributed to the United War Campaign Fund. The winners were:

1st—Miss Newcomb (Sales) 1st—Mr. J. Day (Factory)
2d—Miss Sisson (Bookkeeping) 2d—Mr. W. Vance (Cost Dept.

CONSOLATION PRIZE

Mrs. Thompson (Bookkeeping)

The Barrett Company provided substantial prizes on both occasions in the shape of Thrift Stamps. You see we wanted to be 100% patriotic. This plan was highly approved of by our postman, who sold us the stamps. When we posted notice of the second party, he asked if we were going to give the same kind of prizes.

Elizabeth

We formed a War Savings Club early last Summer, and since then we have sold an average of $60 worth of Thrift Stamps weekly.

Cincinnati

Herbert Ketteler, in charge of our Thrift Stamp sales reports a thriving trade. He is selling $7.50 worth each week.

We have secured pledges totaling $229 for the 1919 War Chest Fund, and expect to report a 100% subscription.

Pittsburgh

We had twenty-five contributions in the United War Work Campaign, the amount of our gifts being $135.00.

Kansas City

Fifteen of our force contributed a total of $95.50 to the United War Work Campaign. This does not represent our total as we have not heard from several of our men.

New York

Our war fund activities during 1918 have covered quite an extensive field. From our War Chest, to which over $3,300 has been contributed by our employees to date, we have contributed something over $2,000, approximately as follows:

Red Cross Drive in May, 1918	$400
Women's Ambulance Fund	100
French Orphans' Fund	50
N. Y. Sun Tobacco Fund	40
United War Work Campaign	1,500

Previous to the organization of our War Chest, the sum of $400 was contributed by the New York employees to the Fund for Belgian Babies.

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From Our Boys on the Trail

From Another Girl A-Trailin'

From EDITH D. BARTON (*New York*), *Pvt. U. S. M. C., Washington, D. C.*

MY DEAR MR. BREWER:

I am going to ask you to send me "The Barret Trail" from now on, if you will, and any back copies since I left you all. I am most interested in what is going on back there.

Suppose you are wondering how I am getting on in the military life. First of all, in case you don't know, I am in the office of the Adjutant and Inspector, Marine Headquarters, Washington, D. C.

The work is very interesting, because one comes in constant communication with the one big vital thing in the world—the *war*. Daily occurrences are amusing and pathetic at the same time. Of course I am not at liberty to tell any information.

I am nearly a Marine. Can say "Yes, sir" and "No, sir" with a sober face and stand when an officer addresses me. The order of things are reversed here. My knees have stopped wobbling and I am becoming quite accustomed to colonels, etc.

Every afternoon we rush out to drill in the park. Can salute—real snappy, too. No giggling or talking tolerated at drill. We are Marines—not girls. Let your hair blow, it won't hurt you, but don't dare lift your hands from your sides when you are standing at attention. My chin itched most violently today and I know I must have been making terrible facial contortions, but I didn't scratch it. It's the queerest thing—when you know you must not move, you have the most overpowering desire to do so.

If I should marry an officer ever, I will be a most docile and obedient wife.

I will also be a good housekeeper, as police duty comes in our daily routine.

After we close our desks, we clean up. You should see me dragging around a huge burlap bag into which I empty the waste-paper baskets. Then someone sweeps. Then I clean the sink and dust. Oh, it is a great life.

Washington is simply crowded with war workers. You can do any old thing. At lunch we buy a piece of pie and a couple of bananas at a corner stand and go over in the park and eat it. Only have a half-hour, so can't stray too far away.

Just at present we are all reciting instructions how not to get influenza, or the "floo" as we call it. All the theaters, churches and places of amusement are closed up, so one doesn't have very much to do.

When I get all dolled up, will sure pay you all a visit.

Yours in the service and nearly a Marine—still struggling,

EDITH D. BARTON.

From SGT. F. S. FLECKENSTEIN (*New York*), *Co. K, 23rd Eng., A. E. F.*

MY DEAR MR. HUTCHINSON:

The July number of "The Barrett Trail" has come and is a big delight. When I heard that Johnnie Walker had sent his copy—his came first—to our "Top" (Mort. Beistle). I double-timed it in from the job without stopping to empty the No. 2 stone from my hob-nailed boots, because I knew that a real treat was in store. Johnnie must have been just as enthusiastic about the magazine, because he sent it to us from a point some ten dusty miles away.

"FLECK"

I like to think that the magazine was named particularly for the Barrett men in our own regiment—"The Highway Twenty-third"—since there are more Barrett fellows in the Twenty-third than in any other regiment of the United States Army, and more men from the Barrett Company are building the trails over here than from any other corporation in the States, I believe. And more of the magic stuff which "preserves roads and prevents dust" is being applied than any other; in fact, have seen nothing else used. You know what it is; so does Steve Mandell and Johnnie Walker and I, because we have a hand—and both feet, too—in the work.

FLECK.

The Barrett Trail

From W. E. Brophy (*New York*), *Captain Chem. Warfare Serv., San Francisco, Cal.*

Dear Mr. Jayne:

Yes, I have received both copies of "The Barret Trail," and was very glad to read them over and to learn what my fellow nephews of Uncle Barrett have been doing since I departed from the old homestead.

It is very amusing to me, Mr. Jayne, to note your suggestion that I forward a snapshot of myself in my official clothing, should such be available. Why, if I did, you would have to turn it over to Harry Cole for a bath in pyxol before publication, as I enjoy the very unsavory reputation of being the dirtiest-looking officer in the military service. When I finish a day's work which usually consists of twenty-six hours, I bear a closer resemblance to the still cleaners of the Frankford Naphthalin house than W. E. Brophy, formerly of the New York office. My work in brief is running chemical plants for Uncle Sam. My job is usually to design, install, organize and commence operations, and when the job begins to look as if it were half-way finished, I am kicked out unceremoniously to start in and do the same thing all over again.

W. E. Brophy.

From Capt. J. C. McGovern (*Accounting Dept.*), *Ft. William McKinley, Rezal, P. I.*

Dear Pop Keeler:

I don't think I can contribute any "dope" for "The Trail"—you want real live war stuff, and the best I can tell you about relates to the troubles of an ex-Irish cop trying to run a steam laundry with the help of 150 lazy, good-for-nuthin' natives.

It might interest you to know, however, that there is one spot in the world where one can buy juicy beefsteaks for 10 cents a pound—potatoes 2c per pound, sugar 5c, etc.—cigarettes ten for one cent. My Sunday chicken (today) cost me forty centavos, or twenty cents in our money, and even then I told the cook that it was "high like hell."

I live with a medico, and we have a combination cook and house boy for $5 a month.

The only thing high here is Johnnie Walker—$4 a bottle. There are no restrictions on service men drinking here; that is, except the price.

A native, like all orientals, doesn't know the words *worry* or *hurry*. What cares he (or she) about the high cost of living. He leans against a mango tree and down comes his breakfast. For dessert a good-natured brother (a monkey) in an adjoining tree tries to crown him on the bean with a cocoanut. For clothes, palm leaves are always in style.

An officer's boy is a guy of importance. The first thing he does is to get a pair of white trousers from his master. He starches them as stiff as a poker, folds them carefully, tucks 'em under his arm and goes courting. When he reaches the door of his sweetheart's nipa shack, he puts on his trousers—and, behold the king. He is a regular catch—the sole owner of a pair of pants and a monthly income of $3.

A lady told recently of having a new boy and

A LIBERTY LOAN PARADE IN REZAL, PHILIPPINE ISLANDS
(Captain Jack McGovern is just behind the band)

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instructing him to wash everything that came in the house with red hot water (to kill the germs). She happened to go into the kitchen one morning and found him scrubbing away for dear life with the floor brush at the daily supply of ice, which he had submerged in a tub of hot water. MAC.

From ROBERT M. GRAVES *(New York), Base Hospital No. 37, A. E. F., England*

DEAR MOTHER AND FATHER:

Since leaving Plymouth we have had various experiences. One night we spent in the home of a British nobleman—Lord Wilson. He only had six female servants, two butlers and one chauffeur, with three cars, none of which he was allowed to use. He had a swimming pool in back of the house, and there was also a lake and a motorboat on it. We all wanted a swim, but had to be on the road at 7 a. m., so had no time for it.

I know that everything is very high and that it costs a great deal to live, *but I thought it might be possible, from what little I am able to send you, to buy one of the new Liberty Bonds,* which you could put with those of the other issues you are keeping for me.

Your devoted son

ROBERT.

From KIRK MCFARLIN *(New York), U. S. Naval Air Station, Queenstown, Ireland*

MY DEAR MR. SNYDER:

I am resting quietly for a few days now, as the result of a minor accident incurred in a motorcycle mixup, which gives me some time for letter writing.

I remember your speaking of having been in Paris. One reads at home of raids and shelling, but it is pretty hard to realize what it is like. I had been a good student of the newspapers but I was surprised considerably when I experienced it. You may imagine yourself in my place, walking through the Tuileries Gardens on your first morning in the city, quite pleasantly stirred by the beauty of the place. Then you hear a muffled roar just behind you and turn quite indifferently when you see people running towards the spot. And about 200 feet behind you, in a spot you have just walked over, you see a shell crater big enough to hold about five horses. The 75-mile shells give no whistling sound to notify of their approach. At night (and it is practically every night now) it happened five nights in succession while I was there, sirens of unbelievable strength give notice or the *"Alerte"* of the approach of enemy bombing machines. Shortly the anti-aircraft barrage opens up with a roar from every part of the city and the sky is alive with little dots, like stars, marking the explosion of the shells far above. If the machines pass the barrage and come over the greater city, a hundred searchlights which throw a ray high into the heavens start combing the sky. Meantime the French have all descended to their *"abris"* and the street corners are crowded with Americans and British. The artillery fire drowns out the sound of the exploding bombs—in a lull the sounds of the motors may be heard far above. The city meantime is in complete darkness, though military trucks continue to operate regardless, through the raids. It was a very impressive sight and one not to be quickly forgotten.

KIRK MCFARLIN.

From PRIVATE PETER H. MCGINNITY, *Co. A, 23rd Engineers, A. E. F.*

MY DEAR MR. SMITH:

We have been too busy lately chasing Dutchmen to bother with mail; haven't even had time to write. Just finished a thirty-five-mile hike with full pack—rifle and everything—most of it over hills, and you can imagine how we feel. Did twenty miles one day, balance the next. Have been sleeping in pup tents for last three weeks and are d—n glad to lay down at all. We sleep any place now—in ditches, swamps—any place at all. Before our hike we put in three days and two nights in side-door Pullmans. We were then drilled for about two weeks and had sort of a rest, went swimming every afternoon in the most famous river in France. Where we are now is without a doubt the prettiest country I have seen in France, and the people are great—they can't do too much for the American boys. Quite a difference from where we were first. I am sitting in front of my tent writing this letter, and within a radius of fifty feet I can count over a dozen shell holes, some of them big enough to bury a Tarvia truck in.

PETER (at left)

We recently saw a Dutchman come over on a day when the clouds were low and shoot down in flames one of our observation balloons, and, not being satisfied with that, the dirty devil turned his machine gun on the observers, who had jumped in parachutes, but, thank God, he didn't get them. While we were watching him get away, another Dutchman flew out of another cloud and down goes another balloon; and the h—l of it is, both of them got away. So you see we have to look at some very displeasing sights too.

You don't need to worry about the draft being raised to fifty—there are enough here right

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YOU'D KNOW THEY'RE OUR BOYS
The officers of the 301st Engineers—Neil Cheshire at left flank

now—much less what's coming—to make the Kaiser wish he never sank the *Lusitania*. Just a little incident to show you what the Huns think of the U. S. boys: Some of our boys were recently working at a hospital and saw a German prisoner brought in. He wasn't wounded at all; just beaten to a pulp. He told our boys in broken English that Americans didn't fight fair. They asked him why, and he replied that we used our fists. It seems that the boy that captured him didn't have a gun or anything—According to German ethics, when you lose your gun and bayonet, you just naturally become a prisoner of war. You know what kind of a surprise is in store for them when they think Americans won't fight without a gun.

PETE.

From NEIL CHESHIRE (*New York*), *Second Lieutenant, 301st Eng., A. E. F., France*

DEAR MR. JOHNSTON:

You will no doubt think I don't have much else to do but write letters, but such is not the case. The real reason is I have received "The Barrett Trail."

Have been over here more than a month, and believe me when I say that I have been craving for mail from the good old U. S. A., and the first bit of mail that I received was the first number of the Trail. What a great thing it is going to be for the fellows in the service. I sat up half the night reading it over and over.

This morning we had to hike out about three miles and be "gassed" in our new masks; just tear gas, but strong enough to detect any leak in the mask. I took mine off a little too soon and I'm still crying.

I am enclosing a picture of the officers of my company. On the left is Puss, next Second Lieutenant J. M. Cunningham, Captain A. L. Shaw, First Lieutenant A. E. MacDonald, First Lieutenant A. G. Cherry, Second Lieutenant F. G. Tatnall.

Must go now, as there is a big game on between the Engineers and the 304th Infantry. Best regards as ever.

NEIL CHESHIRE.

From HAROLD FISHER, *Base Hospital No. 23 ("Blighty")*

DEAR ROY:

Really, old toppy, it is a shame and a disgrace that I haven't been able to write you before, but then this old "guerre" has been rather strenuous of late, and I had to go and get myself all shot up just when I was needed most.

Last time I wrote you was about July 12, I think, just before the Crown Prince put on his little farce. So I'll give you all the dope I can since then, although the newspapers have given you the story that now is history in more detail than I ever can.

You probably had guessed that we were east of Rheims on the Champagne front. Here was to be the path to Chalons for the armies of the "Clown" Prince. Never will I forget the bombardment of the night of the 14th. At midnight it started, just as we knew it was going to, and so had anticipated it by one hour by a fierce counter preparation by our batteries. We were several kilometers behind the lines at the time, but along the entire front and to a depth of over ten miles the fiercest sort of barrage continued all night. Our whole company was in an im-

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mense dugout, which, while secure against shell-fire, was almost impossible to stay in towards morning on account of the foulness of the air.

At 4 a. m. the Boche started across. Simultaneously everything we had cracked down on them. The French told us afterwards that the German losses were immense and all they succeeded in taking were the bare outpost positions which the French evacuated. That afternoon our company moved up and got heavily shelled during the operation. We had some casualties, but, all considered, were mighty lucky. We had several days of rather precarious existence up there, being under shell fire continuously; but no one cared—the Boche had been stopped in his tracks, and on top of it all came the congratulatory message from General Foch that, due to our magnificent resistance, the Allied drive north of Chateau Thierry had been made possible.

We moved back to camp very shortly and there I received the astounding news that I was slated to go back to the States as an instructor with recommendations for a First Lieutenant on arrival. The Colonel said I was supposed to leave on the 23rd (it was the 21st then), *but* the written order was delayed in coming down from Division H. Q., and before we knew it orders had come along setting us on the move. Then followed a quick succession of marches, train ride and motor lorries overland, and before we knew it we were in the thick of it helping push back the Boche from the salient.

Here was a new style of warfare—no trenches, dugouts or barbed wire. Nothing but rolling country, dotted heavily with woods. We moved, relieved a division that had been chasing Fritz for a spell, and got down to business.

Each man got out his entrenching tool and dug himself a little hole in the ground to lay down in, then camouflaged it with leaves so that the Boche wouldn't spot us from his aeroplane photos and shortly thereafter drop his steel messages among us. My P. C. was a bush, and a poncho on the ground was my bed.

For meals (whenever we had them) we had corned Bill, hard bread and water. And when you attacked—you didn't have 'em! One afternoon we attacked, Roy. Did you ever run through a rainstorm so heavy that it seemed like a sheet of water rather than so many individual drops? Well, that's the sort of machine-gun fire we ran into. We had two objectives, one an old farm where the Boche had a machine-gun nest, and then across the oat field to a strip of woods where he had "beaucoup" more.

Well, we went "over the top," except that there wasn't any "top," and cleaned out the farm, reassembled and started on. Boy, I lost some awfully good men. Fine, manly lads they were, and it damn near made me cry when I learned later who some of them were that dropped. Don't know how I got as far as I did (800 yards), when suddenly there was a jolt and funny little lights and stars began to dance around me. I'd stepped into a machine-gun bullet that caught me just under the right eye. Got out my first-aid bandage and put it on some way or other and then I can't remember much until about 8:30 that evening. I was still laying there, not much pain, not bleeding much, but weak and dizzy as a cat. I didn't know whether our lads had reached the woods or not, but I did know that I'd have to clear out of those parts, if I didn't want to get finished off by some Boche patrol out on their customary mission of "kultur."

Got my bearings from the compass on my field glasses, threw off all unnecessary equipment, and started to crawl. And then some unregenerate son-of-a-gun of a sniper shot me in the right arm. It was only a scratch, but he made me lie there for another hour till it got good and dark. This time I made it O. K., and after crawling what seemed a million miles, was halted on the farm by an Alabama machine gunner. Gee, how good that Southern drawl sounded to a man half dead from wounds and exposure.

That night they carried me in a shelter (the stretchers were all in use) to the first-aid station, and next morning "it" was dressed. By ambulance then to the evacuation hospital, which, by the way, the nurse told me had been bombed by Boche planes just that same week, and there they operated on my "mug" that night. Next morning came by hospital trains to this wonderful base hospital for treatment and convalescence. I tell you, George, the Red Cross and the Hospital Corps deserve the highest seats in the hereafter. Doctors, nurses, medical treatment, equipment, food, everything, is perfectly wonderful, and oh, gee, it does seem so good to be in a good clean bed with a real pair of pajamas on your shanks. Have been here about ten days and am feeling better every day.

The wound itself is not serious, although it is more than I thought it was at first. Luckily the eye is O. K.—the hole is about one and a half inches in diameter and perhaps one inch deep. Haven't seen it myself, but the orderly tells me they have cut the cheekbone off between the cheek and the nose—right where the wound is. Doc says it will leave a scar, of course, but not a repulsive one, for which I'm duly thankful.

Lieut. William Purcell. "I'm not asleep, nor am I putting on a full dress suit, though taking off that helmet feels very much like the latter operation. The coat is a good grade of leather and lightens one's purse to the extent of fifty good old iron men. They are very warm, though, and are worth the price."

"BILL PURCELL"

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The Bowling League

The Barrett "Mail Order" Bowling League has been launched and the first matches have already been played. We hope to have the co-operation of everybody in order that the League may be a winner. Men! make the members of your team hustle to keep their places. Girls! if you can't bowl, go down and cheer the men to victory—and serve them the various laps of a nice chicken dinner between games.

The plan, in brief, is as follows, teams representing the various offices and factories are bowling against each other, each week, according to a prearranged schedule. The difficulty of distances is being overcome by employing Mr. U. S. Mail to do all the traveling—while the teams stay at home and bowl.

Of course a few simple rules are necessary in order that the right and wrong of things may be clearly established, and we publish them here for the information of all interested:

1. Teams truly representative of the offices and plants of The Barrett Company are qualified for entrance and all employees are entitled to membership.

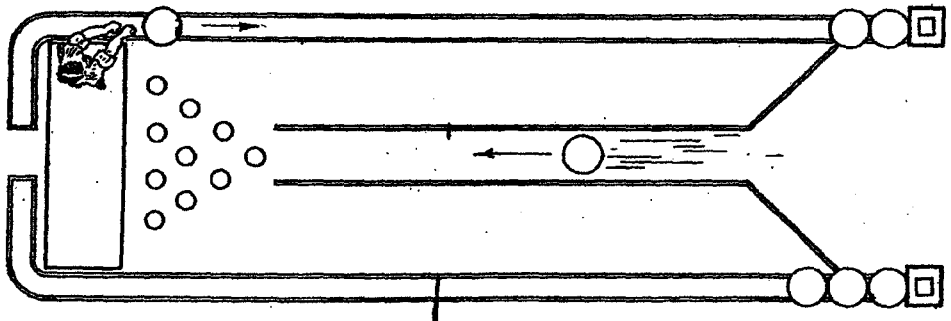
2. Each office and each plant is entitled to enter a team or, in case it is necessary, a combination team, representing the office and plant, may be entered.

3. Only those whose names have been entered at the office of THE BARRETT TRAIL for a period of at least one week shall be entitled to have their scores included in a match series.

4. The Eversley Childs Cup will be offered for permanent competition to be held by the team winning the highest percentage of its games during the season's play; other prizes will be offered for the highest team score, the highest team average, the three highest individual averages and the three highest individual scores.

5. Teams shall consist of five men, but competition for individual prizes will not be confined to members of the match teams.

6. Each match will consist of a series of three games—the first three rolled during the evening. Individual and team scores for each of the three games shall be forwarded to the office of the TRAIL immediately after completion of the match, together with the names of those who will compose the team in its next match. The scores and team makeup shall be signed by the team captain and the TRAIL correspondent.



DESIGN FOR IMPROVED BOWLING ALLEYS
W. H. Seebeck (General Office Club), Inventor. Patents Pending

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The Barrett Trail will welcome contributions on all subjects of interest to the employees of the Company, especially concerning matters connected with the various phases of our business, and with the promotion of our mutual interests. We also want suggestions and ideas for improvement in the office, factory and shop and on the road. It is earnestly hoped that everyone whose interest is first, last and always for the Company, will cooperate with us in making The Barrett Trail a worth-while means for the information, education and improvement of the members of our great family.

HERBERT C. BREWER.

Peace—Good Will?

The great war is over! Our enemy, once the most powerful force for destruction, has been humbled as he, himself, has been unable to humble anyone of the objects of his own conscienceless hate. Marshal Foch is carrying out measures preliminary to formal peace—measures which, though absolutely essential to the safeguarding of the peace of the world, must be as ashes in the mouth of Germany's former despot, now safely hidden in Holland.

Peace returns with a suddenness that finds the world almost unprepared. There are, undoubtedly, many who are dismayed by the sudden ending of the war just at the moment when it seemed that the Allied forces were to exact full retribution from the Hun for his four years of outrage and devastation in France and Belgium. In a recent address, made shortly after his return to this country, Lieutenant Coningsby Dawson said, "Why should we lay down our arms now, after those four bitter years of suffering and defeat—just because the Hun has had his first real beating and wants to quit? It is not that we want to kill for the sake of killing; month after month we have seen death on every side; life, just for the living of it, means nothing to us! But we want to push them back into Germany at the point of our bayonets. We feel that the German people who have supported the war from its very beginning should be made to feel something of what their armies have been doing in their territories we are rapidly reconquering from them. And we want to force the *supreme* fact that they are beaten—terribly beaten—into their minds, even though some more of us might have to die for it."

But, today, Peace is on Earth. It has come because Germany, rotten to the core, had not the moral stamina to withstand the shadow of disaster which loomed ahead. What is Peace going to mean for us? What will it mean for other nations of the globe?

Will it be possible for Belgium, violated and destroyed, to ever again regard Germans as friends? Can France re-establish relations of trust with a people whose desire has been to destroy her very soul? Can *we* admit the German to our circles of brotherhood, knowing the perverted uses he has made of our unsuspecting hospitality and the ends he has sought to accomplish through the exploitation of our blind confidence in human nature? And what of Italy, Serbia, Roumania, Russia? Can those nations forgive the treachery and brutality that overwhelmed and destroyed them?

"Peace on Earth! Good Will toward Men!" was the song of the Angels in Bethlehem one thousand, nine hundred and eighteen years ago! It is the song we sing at Christmastime and that our fathers sang before us. But—Good Will toward *this* enemy?

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Time will heal our wounds, but it rests with Germany herself, as to whether or not she shall ever return to the brotherhood of nations. It is possible, simply because it is not human to forever hate! Germany must suffer for generations for her sins of today. In every part of the world her name is anathema; for long years the German tongue will be as the gutterals of the barbarian in the ears of the nations; in every mart of trade her goods must encounter, not alone normal competition for business with the goods of other countries, but also the heritage of an unsleeping vigilance against her goods, her people, herself. As Germany has sown, so must she also reap! Germany has so treacherously behaved toward all the world that even now, though her body corporate be divided and subdivided, it is conceivable that her present extremity may be but a cloak for dark designs for the future. If this be true, it is surely beyond the range of human vision, for up from the ruins of the nations which Germany sought to destroy, are rising mightier forces—bulwarks of freedom—eternal guarantees of the safety and happiness of mankind.

Peace! We have it. Good will toward men? Yes, if we understand God's purposes aright, that, too, is ours. For the chiefest attributes of strength are the spirit of forbearance and the impulse to help. The forces of righteousness have forborne to take full vengeance for their wrongs. Just as surely they will, one day, extend a hand to a reborn Germany, to help her out of her slough to a day of brighter promise.

THE CHRISTMAS ROLL CALL

We are indebted to *The Red Cross Magazine* for the Christmas color pages that we publish in this issue. There is, perhaps, no organization in the field today which more truly carries out the purposes for which it exists, and none which more nearly approaches its ideals.

Mrs. Hayward's letter tells just a few little instances of their great work. The Red Cross wants everyone to renew membership in the great organization. Join! and help in their work—our work. Join! and have a share in all there is to do, now that the war is over. Join! and serve.

NOTICE

THE BARRETT TRAIL takes this opportunity to advise its readers that an effort is being made to collect information and data concerning the history and activities of The Barrett Company and of all the companies that preceded it or that subsequently affiliated themselves with it. We invite everyone to help us to the extent of contributing all information, data, pictures, documents, records, notices, etc., which may have any bearing whatsoever on this matter. We also desire to obtain photographs and information concerning the men who were connected with the earlier companies. Please help us. All contributions will be returned in good order, if identified.

THE FUTURE

It is, perhaps, unnecessary to say that THE TRAIL expects to continue its mission in the world, notwithstanding the fact that the character of its mission has been materially altered by the ending of the war.

For months, of course, there will be many of our boys over there whom we will endeavor to follow as best we can, and we are going to tell all we can find out about them.

We hope, however, to gradually take our place as a real meeting place for our fellow-workers where we can express our ideas, learn about our business and be mutually helpful. Please help us to start now!

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Painted for the Red Cross Magazine by John Frost

HOME FOR CHRISTMAS

CONFIDENTIAL

Painted for the Red Cross Magazine by L. A. Shafer

THE BOX FROM HOME

Painted for the Red Cross Magazine by R. M. Brinkerhoff

"WHAT'S THE FRENCH FOR 'MERRY CHRISTMAS', BILL?"

CONFIDENTIAL

James Frank Blaine

By Stanley Woodward

Assistant to the Vice-President

James Frank Blaine, Sales Manager of the St. Louis office, died in New York on October 30th, of pneumonia following an attack of Spanish influenza. His death is a keen personal loss to his many friends and creates a vacancy in the company most difficult to fill. Owing to the fact that my acquaintance with him covered a period of many years, I have been asked to write a brief outline of his career, with particular reference to his connection with the Company. It is with deep regret that I bear on this subject and yet my memory of him as a friend coupled with my knowledge of his achievements in the business word assuage somewhat the sadness of the task.

J. F. Blaine was born in Kentucky thirty-eight years ago and at an early age secured a position with Marshall Field & Company, of Chicago, as stock boy. From this modest beginning he rose to the position of salesman. When the Barber Asphalt Paving Company embarked in the roofing business he was engaged by them to travel the eastern and southeastern States and it was during this period that I met him frequently as a competitor.

This contact resulted in a close friendship, notwithstanding the fact that each of us was fighting for the other's business. I found Blaine a clean competitor and keen in every sense. In my opinion he well represented the new type of salesman, having those qualities so essential to good salesmanship: tact, courtesy, courage, optimism, initiative and personality.

In 1914 he approached Mr. W. B. Harris, our General Sales Manager, suggesting that The Barrett Company engage him for the purpose of developing their rubber roofing business with the large jobbing trade throughout the States. In his first connection with Barrett he made a splendid record. His success was particularly praiseworthy by reason of the fact that he had to approach the largest buyers, then strongly entrenched with our competitors, and on these initial calls to consummate contracts for substantial amounts. Those of us who have solicited the jobbers' business can fully appreciate the task that confronted him and that his success was well earned.

In 1915, on account of changed conditions in the roofing field, he was transferred to the Export Department, spending one year in South America and later six months in the New York office. His record in that department is unique in that it discloses a remarkably versatile business ability. While in Buenos Ayres he married Mrs. Evelyn Hunter Donaldson, prominent in New York and London society. Late in 1917 he was appointed sales manager of the St. Louis branch and occupied this position at the time of his death. Frank Blaine was peculiarly qualified to direct the sales of that office owing to his broad experience in the marketing of roofing and, due largely to his personal effort, the production at the new roofing plant at East St. Louis be-

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came a source of great gratification to the management.

Mr. H. B. Nichols, formerly manager of the St. Louis office, pays great tribute to Mr. Blaine's work and ascribes his success to untiring work, fidelity to business duties and a splendid brand of loyalty to The Barrett Company. His death was untimely and his memory will be cherished by all who have ever been associated with him. Our deepest sympathy goes out to Mrs. Blaine and to those connected with the St. Louis organization, to whom he was always a guide and inspiration.

The Watch on the Rhine

JOHN B. FOSTER

There's a new watch on the Rhine,
A lank, lean visaged man,
Well knit and straight
And brisk of gait—
Each inch American.

There's a new flag on the Rhine,
Red, white and blue with stars.
Without a smack
Of pirate black;
Just Freedom's glorious bars.

There's a new song on the Rhine,
"My country, 'tis of thee,"
A chorus grand
Enthrills the land,
Our hymn of Liberty.

There's a new flag on the Rhine,
White souled American—
"Come be ye free!"—
Wide flings his plea
To the brotherhood of man.

A Communication

NEW YORK WAR CAMP COMMUNITY SERVICE

November 12, 1918.

MY DEAR MR. CASEY:

I am in receipt of your schedule showing the days and hours which the Barrett boys will give to this Club during the next two weeks. I don't know how familiar you are with what your men have done for the War Camp Community Service in Coney Island and at this Club, but I think you ought to know so that you can appreciate the services they have rendered.

During last summer at Coney Island, the boys gave up their evenings, their spare time Saturday and Sunday, they sold over 50,000 tickets to the man in uniform, handled thousands of dollars, gave the boys information as to how to get the most out of their leisure time on the Island, where to sleep when they were on leave and performed many other services for them that helped the enlisted men have a good time. A large percentage of the soldiers and sailors who visited the Island were strangers, most of them coming to Coney Island for the first time, and they certainly appreciated all the kindness and courtesy shown them by the Barrett boys. In all, 150,000 men visited the Club and 45,000 meals were served.

At the new Club, here in Schermerhorn Street, the Barrett boys are doing the same kind of job, in a little different detail. They book the beds for the boys, give them information as to all entertainments in Brooklyn and New York; also train service.

If it were not for the volunteer services rendered by your men, the War Camp Community Service would find it necessary to hire someone to do this work, which, of course, would mean that they would have less money to spend on the actual entertainment of the enlisted men.

The Barrett boys' services are just as valuable in a financial way as a gift of money; but they mean more because of the spirit in which the services are rendered.

While the war, as far as actual fighting is concerned, may be over, there will still be a great deal to do for our soldiers and sailors, and I certainly hope that the Barrett boys will lend us their assistance until such time as all of our fighting men are safely home.

Very sincerely yours,
(Signed) ALEXANDER CLELAND,
Brooklyn & Staten Island Organizer.

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Trailings

Elizabeth

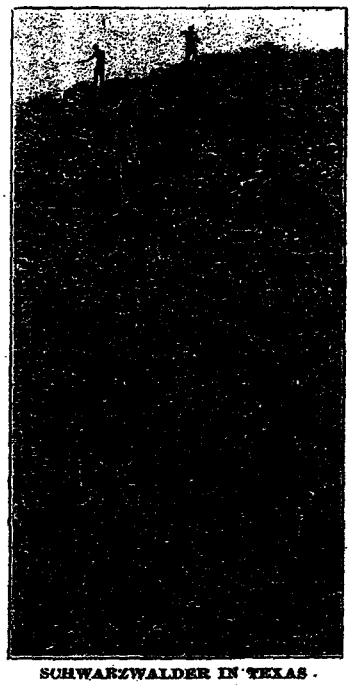
A. B. Love, Correspondent

After being down with the "Flu," Eric, Miss Pierron, Barney and "Yours Truly" are up again and feeling fine.

Lieut. Schwarzwalder is now in France with the 21st Machine Gun Battalion. We all send "Schwarzie" our best regards and hope that he comes home a general.

John Gilbertson, formerly assistant yard boss, is also in France with the 369th Machine Gun Battalion.

D. G. Hutchinson, who formerly worked in the office, is now stationed on the U. S. S. *Swallow*.



SCHWARZWALDER IN TEXAS.

Our bowling club is in full bloom now. We are having some fine times. We meet every Wednesday night and are waiting to hear from Brooklyn, Shadyside and the New York office for a friendly match game. We have also entered a team in the Barrett Bowling League.

New game, starting the boss' flivver.

Mrs. Welt, formerly Miss G. Rogers, is back with us again after going away and getting all married up.

John J. Driscoll, who is a major's orderly, dropped in to see us the other day and we were all glad to see him.

George Hoerrner is stationed at the Base Hospital, Camp Dix, N. J. He also was in to see us recently.

Detroit

S. A. O'Neill, Correspondent

A meeting of the office members was held on October 19, 1918, at which time "The Barrett Club" was formed and the following officers elected:

President, H. D. Baker; vice-president, Geo. McMinn; secretary, Miss Ruth Ross; treasurer, A. J. Huebner.
House committee—R. F. McKee, P. E. Manring, T. L. Henderson, O. C. Hovey, S. A. O'Neill.

The club has purchased a pool table, cozy corner chairs, etc. We feel sure the members are enthused and we have no doubt that the club will be a great success.

Some of the members of the Detroit branch have an idea that they are sailors, therefore, have purchased a sailboat. No doubt we will have to secure a patrol boat to watch over them or some day there will be vacancies in our Sales Department.

We are very grateful to Mr. Baker and the Company for the new dining room installed at this branch, as it is just what we needed to complete the little home we now have. It is sure a very great pleasure to know that the Company is looking after our interests at all times.

Peoria

Anne Anglesea, Correspondent

We have received word that Donald La Voise has arrived safely overseas.

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The Barrett Trail

E. G. WINDSOR

Miss Bess Mureen has joined our office force.

Thomas Ganley, of St. Louis, visited us recently, concerning felt shipments to St. Louis.

On October 1st, Mr. Jack entertained the members of the baseball tem at a banquet at the Creve Coeur Club, followed by a theatre party.

The team won twelve of the sixteen games played, winning all of its last twelve games with one exception. Baker led the team with a batting average of .410, Engelke being runner-up with .313.

PHILADELPHIA

J. C. Leonard, Correspondent

T. S. BROWN

Thomas Brown, Trail correspondent for the Warren-Ehret office, died October 30th, following an attack of influenza. We unite in offering our sympathy to Mr. Brown's bereaved family. He was a good friend and a loyal Barrett man.

News of the safe arrival in Siberia of Thomas J. Gill has reached Mr. Miller, of our Laboratory. Before entering the Service Mr. Gill was a chemist in the Laboratory.

The Misses O'Connor and Nathens were pleasantly surprised on October 25th by a party in honor of their sixteenth (?) birthday—twins they be. Recitations were rendered by Miss McKain, and later refreshments were served. Mr. Hodges made the presentations and wished the girls "many happy returns," etc.

Fred Martin, our Haddonfield bookkeeper, announces that there is another girl in his household besides his wife. SOME SURPRISE!

Thursday, November 21st, was the open night for this office at the West Branch Y. M. C. A. A full programme has been arranged in the gymnasium and natatorium. Mr. Gill, of the Traffic Department, who is a professor of music, accompanied the Physical Director in the calisthenic drill. He is now endeavoring to think up some good excuse to give Mrs. Gill in order to get out that night.

Malcolm T. Thomas, Sales Correspondent, left us recently to join the "Colors," and is now in the Motor Transport Service, and is at present located at Camp J. E. Johnston, Jacksonville, Fla. On the afternoon of his departure, Malcolm spent a very tense hour running around the office following a string, at the end of which was a very handsome wrist watch, presented to him by the Sales Department.

J. W. PEARL (Now at Great Lakes)

It is with regret that we announce our Sales Manager and Trail Correspondent, John C. Leonard, is laid up with illness at the present time, but we have hopes that he will be back with us again very shortly.

William H. Roberts, of the Cost Department, is now in the Service, and is located at the Carnegie Institute of Technology, Pittsburgh, Pa. Bill was the best model the girls ever had on which to try out sweaters, helmets, etc.

JOSEPH CUSTER

Edwin C. Moore, of the Manufacturing Department, has gone away to the Officers' Training Camp, Camp Gordon, Ga.

Mr. James B. Smith, Sales Manager at Minneapolis, and formerly of this office, dropped in to see us on a recent trip East, and was cordially welcomed by his old friends.

Real interest has been developed in the prospect of successful bowling teams respecting the office and factory. A large number have listed their names.

Congoleum Notes

Margaret V. Judge, Correspondent

Harry Rethoret, formerly in the Timekeeping Department at Marcus Hook, is now a lieutenant of Cavalry at Camp Lee, Va. He expects to be transferred to Texas if he is not sent home.

The girls of the Congoleum Company have formed a club, the "W. W's," or "War Workers."

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Flag Raising and Patriotic Services

by the

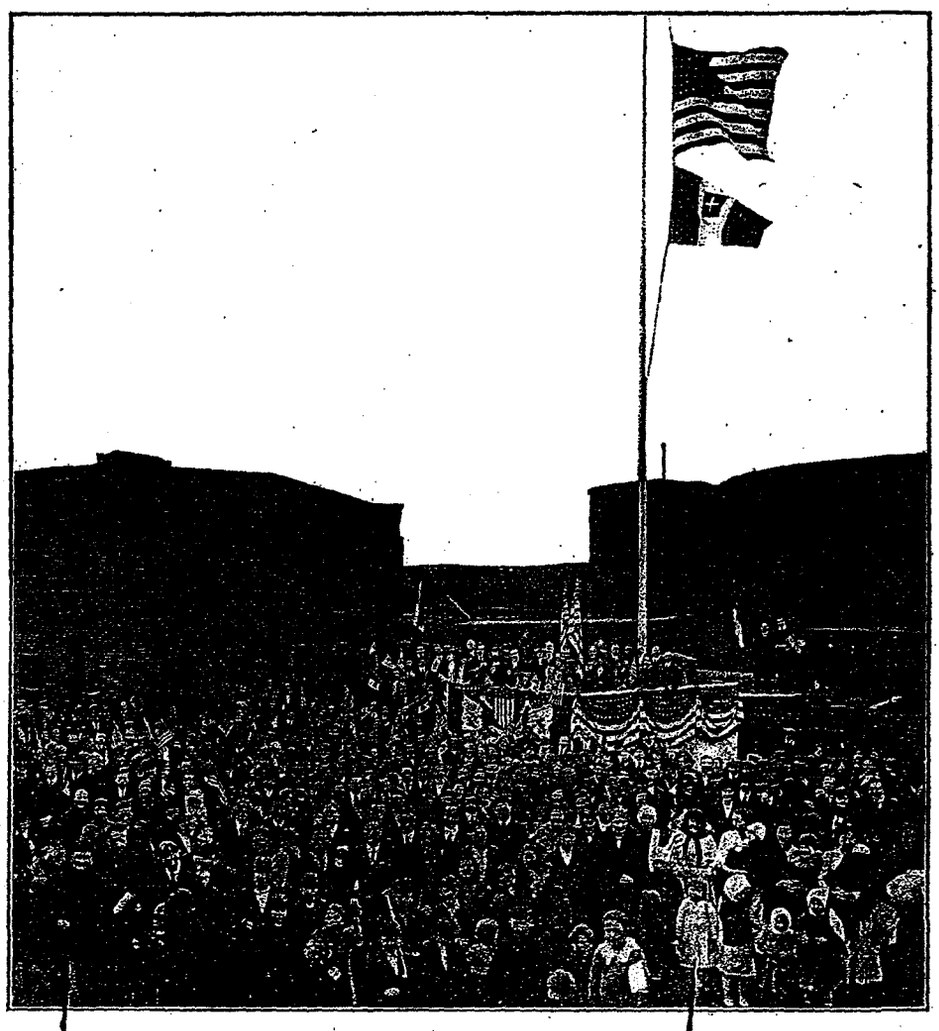
Italian Employees of

The Barrett Company

36th Street and Gray's Ferry Avenue, Philadelphia

The Italian employees at Gray's Ferry had a flag-raising, Saturday, November 16. The programme, which was inspiring and most interesting was as follows:

The Star Spangled Banner
The Royal Italian Band
Mr. Michele Imperiale, Leader
Opening Address....Hon. Joseph S. McLaughlin
Tenor Solo.....The Yankee Boys in Italy
Sig. F. A. Gianinni
Unfurling of Flag
Miss Lena Guzzardo
National Italian Hymn...The Royal Italian Band
Address.....Mr. John M. Di Silvestro
Song ..... Selected
Sig. F. A. Gianinni
Grand Chorus.....“Garibaldi Hymn”



CONFIDENTIAL

The Barrett Trail

So far we have done very good work. We have knitted two Afghans for the Red Cross and are knitting a third one to be given the Navy League.

Clifford Cartledge, of the Billing Department, enlisted and is now at Villanova, Pa., Student Army Training Corps. Villanova is about three stations beyond Ardmore.

Mr. Joseph M. Feaster is completing arrangements to join the Y. M. C. A., and expects to sail for Siberia the early part of December.

C. E. TURNER
(Formerly of Seattle)

Speaking of newly appointed corporals, according to latest news, David Broomfield has arrived over seas and may be addressed by this title. (Stenographers please take notice.) Likewise, Mr. Thorn of our selling force, is one, now stationed in Lakehurst, New Jersey.

Vera Ott, a cheerful little Congoleumite, joined the staff of Red Cross Nurses and is doing duty at the Misericordia Hospital, which was recently turned over to the Government for wounded soldiers and sailors. The girls arranged a "Shower" a few evenings before her appointment, and surprised her with a goodly sized purse made of contributions from the entire office force.

The day the armistice was signed and everybody joyful, there were two disappointed young men. Mr. von Zech (our famous tenor) and Mr. Bishop (cashier) received word not to report for actual service To say these "Almost Soldiers" were annoyed would be putting it mildly, but, however, we are glad to notice they wear their wrist watches every day. (Gift from the office, thus we observed the wearing.)

CORP. WM. H. TOWNSEND
A. E. F.

Everybody was glad to see Mr. Joyce return to the office again. He was quite ill with an attack of the "Flu," although it must have been surprising to Mr. George Ruch to hear of any one contracting this awful malady after eating one of the famous onion sandwiches he so incessantly prescribed.

Miss Calhoun and Miss Bergen are members of the Women's National League for War Service. It is quite evident their "natty uniforms" had good effect as Miss Dalmasse and Miss Hessian have also offered their "spare time" to this wonderful cause.

Frankford Notes

A. W. Denham, Correspondent

Corp. Joseph M. Hursh, Jr., son of Joe Hursh, one of our machinists, is in a base hospital recovering from wounds recently received. He trained for ten months with Company K, 315th, and left for France in July.

SGT. WILLARD M. MADDEN IN FRANCE

The Smoker, originally scheduled for sometime in October, but postponed on account of the "Flu," was finally held in the Roof Garden on Monday evening, November. 4.

Entertainment was provided almost exclusively by Barrett "Talent" and was well received.

During the evening, the "Childs Cup," the "Rianhard Cup," the "Jayne Cup" and the "Chevalier Cups" were shown for the benefit of the new members.

ALBERT J. CAMPBELL

Refreshments in the form of salmon salad, French fried potatoes and coffee followed, after which, by request, Il Trovatore was rendered by the stringed artists.

Kansas City

Shirley A. Stevens, Correspondent

We had so little warning of Mr. Duke's transfer to St. Louis that we had no opportunity to complete plans for a farewell gathering. Mr. Moye did succeed in arranging an eleventh hour dinner with Mr. Duke's friends among the gravel roofers of Kansas City.

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We were not at all pleased at losing Mr. Duke, and nothing but Mr. Moye's remaining as Sales Manager, in charge, reconciles us to his leaving Kansas City.

We received word Friday morning, the 15th, of the death of Mrs. W. T. Carver, wife of our shipping clerk. She was operated on Thursday morning and we had had word that she was getting along very nicely, so the word of her death was a shock to us all.

Mrs. Carver was with us on a number of picnics and other festivities last summer, and we had grown much attached to her, and feel a distinct sense of loss in her passing.

H. B. Phillips, Correspondent

Archie Clarity, formerly of the Minneapolis Railroad Sales Department, is now undergoing treatment at the R. & C. Hospital, 341 East 42nd Street, New York City, where he arrived on October 31st, from Coco Solo, Canal Zone. Archie is having a little foot trouble, but we anticipate he will find some way of getting around New York and visiting No. 17 Battery Place.

Note:—That Archie is able to get about, we can testify, having had the pleasure of a long chat with him at the aforesaid 17 Battery place.—Ed.

The epidemic of influenza, prevalent around the country, did not exact any serious toll from the Minneapolis branch. Several of our employees have been laid up for a few days with slight attacks, but they are all back at their desks with the exception of Mr. M. B. Starr, of our Paving Department.

In each of the two preceding numbers of the TRAIL, we were able to report a birth in some family associated with this branch. We had hoped to keep up this record for at least twelve months, but through some oversight on the part of Dr. Stork we are unable to report any new arrival this past month. However, watch Minneapolis grow.

The news of the sudden death of Mr. James B. Blaine, Sales Manager at St. Louis, came as a very sad surprise to many of his friends in Minneapolis. Mr. Blaine formerly made frequent trips to Minneapolis and numbered among his friends the large buyers of roofings in the Northwest, all of whom are very much grieved at his sudden death.

ONE OF THE BOYS SENDS US HIS PICTURE TAKEN IN A SALVATION ARMY HUT

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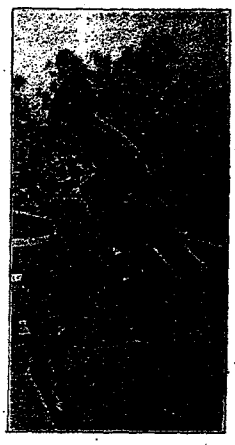
Boston

W. B. Alexander, H. W. Trease, Correspondents

Mr. James J. Burns, Purchasing Agent of the Boston branch, and Miss Anna Boone, of Everett, Mass., were married October 23rd, 1918. Congratulations and best wishes.

When Mr. Burns stepped into his office on October 21st (the last day he was with us, as per above announcement), he found unexpected decorations. Hung behind his chair were white crêpe paper curtains, tied with pink bows, and pink and white bows were in evidence on chairs, stools and telephones. Before he was given a chance to recover from this surprise he was showered with confetti by the waiting crowd, who were in hiding in the room across the way.

We haven't been fortunate to greet Mrs. Burns as yet, but knowing Mr. Burns' excellent ability as a purchasing agent, we have no misgivings.



HERBERT HOPPS—
"Some Hop"

In a recent letter received from C. L. Lockwood, he was regretting the fact that he was no longer a military policeman, thus losing his chance of asking "some swell Red Cross dame for her credentials with all her family history written thereon."

Chester Lovering says a Ford car should be called a "churn." The longer he rides in his "butter" it goes, and he feels "butter" and "bitter."

W. B. Bell, Head Shipper, was called under the November draft, but was disappointed because his military career was cut short by the downfall of the German arms. He returned to his desk after celebrating Victory Day in approved manner.

We have just heard that our old friend, J. H. Gillis, is with the Record Section of the camp personnel office at Camp Jackson, S. C., where he finds the work exceedingly interesting.

The only thing Jack doesn't like about his Government job is the fact that he gets no drill or exercise.

To those who knew Jack in the old days no explanation of his worry is necessary.

Seventy-five members of the office force had a good time Hallowe'en, when we had a cake containing the usual favors for the occasion.

Favors were drawn as follows:

Engagement ring, Miss Jordan.
Wedding ring, Miss Kelley.
Thimble, Mr. Blood.
Button, Mr. Jenkins.
(The two above-mentioned gentlemen are both married.)
Rooster, Miss Schell.
Cat, Miss Middleton.
Owl, Miss Lane.
Full money bag, Mr. Armington.
Empty money bag, Mr. Grunwald.
Heart key, Miss Jones.
Old shoe, Mr. Gilfoy.
Baby doll, Mr. Abbott.
Clock, Mrs. Thompson.
Boat, Miss Ring.
Dimes, Miss Kowinski, Mr. Barnard, Mr. 'Rice, Mr. Cheney, Miss Howes.

LT. A. W. QUINN AND AN AIR BOMB

Montreal

D. P. Hatch, Correspondent

Since the last issue of THE BARRETT TRAIL we have lost one of our most promising men, Karl A. Emerson, who ided of pneumonia, October 20th, after an illness of ten days.

Mr. Emerson was a graduate of the University of Vermont and came with the Montreal organization in July, 1916. Previous to that time he was engaged for several years after graduation, in high school work in Vermont. He was successful with the Company from the start and it was soon recognized that his abilities were unusual and above the average. For the past two years he has been assistant to the Manager of the Montreal office.

KARL A. EMERSON

To but few men comes the peculiar popularity which was Mr. Emerson's. With a quiet, dignified make-up, tempered by a personal atmosphere of honest, undemonstrative friendship for everyone, he soon forced absolute confidence and admiration from all with whom he came in contact; absolutely clean in thought and motive, his character was an inspiration to his friends

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and acquaintances. Nothing but the best could possibly come from such a make-up. A deep thinker, a great reader and an enthusiastic worker, he attained, in a remarkably short time, a very unusual grasp of the many problems of the business.

He was recently married to Miss Helen A. Slapp, of Hardwick, Vt., a former classmate in high school days.

It is difficult to express to Mrs. Emerson and to the parents, the real sympathy of Mr. Emerson's many friends.

We have had a letter from Sgt. Roland Day, who came to us from the Boston office. He was employed in our Sales and Tarvia Departments. He immediately enlisted when the United States entered the war, and is now serving in France.

A skating and hockey rink is being constructed on the site of the old tennis court, and we anticipate all kinds of fun there during the winter.

COL. GEORGE J. PIERCEY

Col. G. J. Piercey of St. John, N. B., was in the war from the very start and is now, so far as we know, Barrett's ranking Army officer.

We are very glad to welcome Mr. Conrad A. Birch, of the Manufacturing Department, back to us, after his long sojourn at the Boston plant. We now expect that Mr. Dixon, with his corps of able assistants, will make the Tar fly during the winter months.

An Iron Cross is soon to be presented to Desmond, our newest office boy. He recently acquired the distinction of having obtained two three-quarter-inch nails and the loan of a hammer from Mr. Cairns without a requisition.

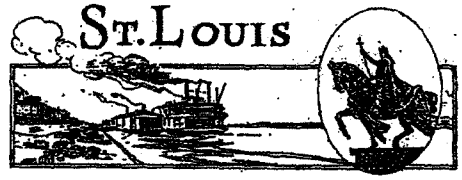
WEBBER—Say, Fred, how about that 1,500 roll carload of Three Ply Everlastic for Barrett-Vancouver?

FRED—She's being loaded.

WEBBER—Good work, Fred. How many rolls have you got in her now?

FRED—Seven.

ST. LOUIS



MISS S. A. BARR

We have been called on to give up another, this time its foremost and best, not for earthly service, but by the Ruler of *all* Good to go into the Great Beyond. Mr. James F. Blaine passed away Oct. 30, 1918, at New York, where he had gone on business connected with the St. Louis branch. He seemed to have taken this office into his very heart and life, and worked untiringly for the betterment and advancement of every department. Mr. Nichols and he had gotten it to a standard never attained by this branch before. His energy, enthusiasm and perseverance infused new life into all associated with him, and his words of encouragement were an incentive to all to do and give of their best. His going is a hard blow to the St. Louis office, for he was a friend as well as a leader among us. Outsiders who came in contact with him, say of him he was a "gentleman" in the truest sense of the word, and as some one has said this is the highest honor that can be paid to a man.

In expressing our sorrow, we do not forget Mrs. Blaine, his wife, to whom he was so devoted, and to whom his going means so much. Words seem inadequate to express the heartfelt sympathy we all feel for her in her bereavement, and we pray that He who gave and taketh away will be her comforter and guide.

Late in October we received a postal card from J. E. Smith, Jr., formerly one of our salesmen, written just before embarking for France. He was delighted with the prospect of going over and getting into the fray. He has realized his desire in getting there, but we hope too late to get into the "game," as no doubt he will have learned ere this that the Kaiser's goose has been cooked and we have prospects of a real Thanksgiving.

JAMES B. SMITH

We feel we owe a vote of thanks to the officials in New York for sending Mr. V. M. Duke to us to take charge of the St. Louis branch as Manager. He was formerly Manager of the Kansas City branch, and we can readily understand why his former associates hold him in such high regard, both as their leader and

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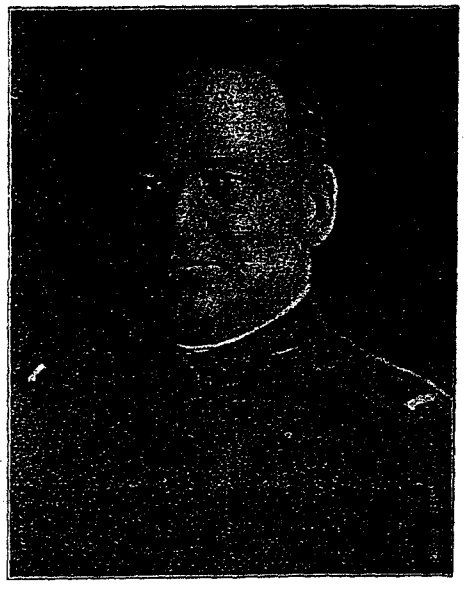

1st LIEUT. C. A. MARQUIS
Our Former Manager, Now in France

friend. They say first impressions are always best, and we are pleased to state those of the St. Louis branch are most favorable toward Mr. Duke.

Mr. E. J. Dodd, our Superintendent, has been called to New York for a consultation and expects to be gone for a week or ten days, stopping at his home in West Virginia. In the meantime Mr. H. W. Streuli is acting in the capacity of Superintendent and doing good work.

RALPH D. LOGAN

The East St. Louis plant turned out 75,000 squares of Rubber Roofing during the month of October, practically 85 per cent. of this being Government contract work.

This tribute was paid to Corp. Wm. H. Murphy, of the HeadquartersCompany, 128th Field Artillery, in a letter sent to his parents by his commanding officer, Major Geo. F. Schenk:

"My dear Mr. and Mrs. Murphy:

"Please accept my sincere and heartfelt sympathy in your hour of great sorrow. To me, William was a brother and I grieve for him as such, but God has called upon him to give his life in defense of the flag and of Christianity, and he made the supreme sacrifice unhesitatingly and unafraid. He died on the field of honor as a true soldier, and his memory will be preserved forever in the hearts of his many comrades. All the boys of our company join me in extending to you our deepest regrets and heartfelt sympathy."

CORP. W. H. MURPHY
KILLED IN ACTION
OCT. 1

His associates of the St. Louis branch will always remember him as faithful and conscientious in the performance of his duties, ever ready and willing to help others when called on to do so, and was well liked by all.

Latrobe

J. J. Murphy, Correspondent

Now that the war is over it should be a very happy Christmas, not only for the Barrett family, but the whole country, in fact, the whole world. We are very glad that so far as we can learn all the men from this plant who were drafted came through safe and sound with one exception. Blair Smith was killed in action in one of our men's first battles. This, of course, will not have a tendency to make his family any happier the coming Christmas, but there will be some consolation for them in knowing that the great cause for *which* he gave his life was in part successful due to his action. It is the sincere wish of the Latrobe branch that the Christmas number of the TRAIL finds the entire Barrett family enjoying prosperity and happiness of the season to the fullest.

F. E. Snell, Correspondent

Nothing has been heard from George P. Eveslage since he went to sea. Since he is a good swimmer we know he has not been "spurlos versenkt."

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Frank W. Price, one of our general line salesmen, enlisted in the Navy several months ago and has just been called into service.

J. Robert Kelley is now in Company C, Gunner's Mate School, Main Station, Great Lakes, Ill. We have just heard that he expects to receive his rating as gunner's mate shortly.

Fred J. Moser, Salesman, is again on duty after an attack of influenza, followed by pneumonia. Fred is a true son of "Kaintuck." They are a hard bunch to put down and out.

A meeting of the Cincinnati salesmen was held on October 22nd and 23rd. Messrs. Holder and Robinson of the General Office attended.

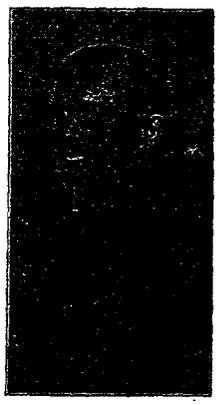
A complete demonstration of the application of the Barrett Specification Roof was made, followed by a "quiz," conducted by Mr. Holder.

The meeting closed with a banquet at the Gibson Hotel.

CHICAGO

A. B. Cowper, James Klecka, Correspondents

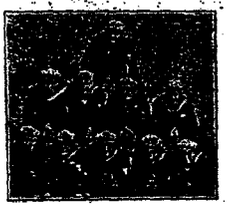
Evidently the 108th Engineers saw some action before the war ended, as Arthur Dinstel writes, "When we see the big shells coming we make for the first shell hole we can find. Some of them are from one to twenty feet deep and from ten to thirty feet across. It is an odd feeling not knowing when you are going to land, nor whether you will find company when you arrive."



E. P. CUTTER

E. P. Cutter, of the Tarvia Department, is a private in Company L, 23rd Engineers, France. He has been under shellfire for two months while working on the roads, some of which are so close up they have to be worked at night only. He writes that Sergt. F. S. Fleckenstein, New York, and Corp. Beistel, Cleveland, both in Company K, are still away back, while Sergt. M. M. Anderson, Philadelphia, is located within five miles of his post.

The accompanying snapshot shows part of Class No. 20, U. S. Navy, Steam Engineer School, H. M. Rotrock is indicated by the arrow. That all the boys are smiling is probably accounted for by the fact that quarantine has been lifted and they have just received the announcement that they will be given liberty on November 2nd.



Mr. Rotrock says when going to school to Uncle Sam it does not pay to play "hooky." Nine of his classmates took "French leave" the other day and are now working as coal passers on battleships. He writes, under date of October 30th:

"I received the Bulletin to-day and after reading all of it I began to crave for more Barrett news. So I'm looking forward to the next issue of the TRAIL. It can't come too soon."

As a sort of a reminder of Thanksgiving we have mailed to each of our boys in foreign service a United States money order for $5, and to each man in the service of the States a box containing:

12 packages Lucky Strike cigarettes,
1 lb. hard candy,
1 lb. Sunshine Sugar Wafers,
1 large bar Wool Soap,
1 stick shaving soap,
5 packages chewing gum.

The following is an extract taken from Private M. O. Miller's letter, dated September 25, 1918, addressed to Mr. Esau:

"Last night I chanced to look across the road as I stood in mess line and saw Charlie Marquis, the very first man I've met in France that I knew back in the golden days before the war. Had quite a chat with him and talked about the Company. He is an officer, First Lieutenant, and was very busy hauling ammunition up to the lines. Looks very good—and quite heavy and all out of luck for mail—says he hasn't had any for months and wants some. He looks just about like the rest of us—more or less dirty, and the first night he struck this particular place—about 3:00 A. M.—saw our kitchen light and asked for a handout—got it and then went to sleep in one of our cook bunks, so you see he's just the same old Marquis. Said his brother Porter is over here and was fortunate enough to meet him at the port he arrived at and spent three days with him. We both laughed a bit about Lucas' letter in respect to the shell hitting close, etc. Went over to see him again today, but he had pulled up stakes and left, so maybe our paths will cross again some day—but it's mighty good to see some one you knew back home."

MAURY MILLER

It looks to us as though H. R. Boyd picked out a good summer job when he got himself attached to the Balloon School at Ft. Omaha,

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The Barrett Trail

Neb. He writes, under date of October 27th, that when the balloons land after a flight they are all covered with ice. What must they look like in the winter time?

Alex Nielsen submits this picture of the belongings of a U. S. Marine, laid out for inspection. This outfit is known to them as their "Heavy Marching Order." There is a place for everything and everything must be in its place—otherwise kitchen police.

Lieut. R. H. Candlish passed through Chicago recently on his way to Fond du Lac, Wis., for a short visit with his parents.

BOB CANDLISH

Bob enlisted in the Aviation Corps on January 6, 1918, and although he stated his instructors were so deliberate it was very trying to one's patience, he now admits that they turn out very competent aviators. He was commissioned as a second lieutenant the latter part of September; will retain this commission for six months, at which time he will be advanced to the rank of first lieutenant.

Private J. McCarthy is still stationed at Camp Funston, Kansas, with the 41st Infantry Supply Company, and is holding down the job of mule skinner. (We are all wondering where he learned the butcher and leather trade.) Mac paid us a visit September 9th and again on November 8th. When asked why he was so anxious to return to Chicago so soon after his other visit he replied that old Dan Cupid got him and got him good, tying him and his lady fair into a knot for life during his visit in September.

Congratulations, old boy!

J. McCARTHY

In memoriam of our good friend, Bernard Skytte, foreman of our Distillation Department, and in the Company's service for the last three and one-half years, during which time he fulfilled his duties faithfully.

Born January 1, 1884; died October 28, 1918, leaving a wife and two children, to whom we extend our heartfelt sympathy in their great bereavement.

Mr. George W. Birney was formerly a salesman. He was called to the colors and left for Camp Taylor, Ky., September 20, 1917. In eight weeks he was made a sergeant; in six months a second lieutenant, and is now a first lieutenant in foreign service, or, in less than one year, a change from $30 a month to $183.33.

G. W. BIRNEY

"France is a great grape country and a few days ago I tried to eat all of this year's crop, but will know better next time."

Joe Radomski is now stationed at Chicago and comes in to see us quite often. His company has been detailed to act as guard for the Quartermaster's Department, who have extensive warehouses here.

JOSEPH RADOMSKI

2225

JULY 11, 1944

CONFIDENTIAL

THE BARRETT DIVISION

CHRONOLOGICAL HISTORY

THE BARRETT DIVISION OF ALLIED CHEMICAL & DYE CORPORATION RESULTED PRIMARILY FROM THE CONSOLIDATION OR ACQUISITION OF A NUMBER OF SMALL CONCERNS ENGAGED IN TAR DISTILLATION AND ROOFING MANUFACTURE ONWARD FROM ABOUT 1850. THE HISTORY OF THESE DEVELOPMENTS ARE SHOWN CHRONOLOGICALLY AS FOLLOWS:

1850 MICA ROOFING COMPANY ESTABLISHED A PLANT FOR MANUFACTURING ROOFING MATERIALS AT BROOKLYN, NEW YORK. THIS COMPANY SOON ENGAGED IN TAR DISTILLATION AND LATER BECAME THE NATIONAL COAL TAR COMPANY.

1854 S. E. BARRETT AND ROBERT ARNOLD ENTERED INTO A PARTNERSHIP AS BARRETT & ARNOLD TO DISTILL COAL TAR FROM ADJACENT GAS WORKS AT CHICAGO, ILLINOIS, AND TO MANUFACTURE COAL-TAR SATURATED ROOFING FELTS.

1857 WARREN CHEMICAL & MFG. CO. STARTED DISTILLATION OF COAL TAR AT BUFFALO, NEW YORK TO IMPROVE THE QUALITY OF ROOFING CEMENT. THIS COMPANY WAS THE FIRST TO UTILIZE COAL TAR IN ANY CONSIDERABLE QUANTITY IN THIS COUNTRY, AND AS EARLY AS 1862 WAS OFFERING COAL-TAR PITCH FOR EXPORT.

1860 ST. LOUIS COAL TAR COMPANY BEGAN DISTILLATION OF LOCAL GAS-WORKS TAR AT ST. LOUIS, MISSOURI.

EHRET-WARREN MFG. COMPANY ALSO HAD A ROOFING PLANT AT ST. LOUIS AND SOON BECAME ASSOCIATED WITH THE FORMER.

1861 Geo. S. Page & Co. (later Page, Kidder & Fletcher) engaged in the coal-tar business in Boston, Massachusetts. They also built a tar distillation and chemical plant at Edgewater, New Jersey, in 1878 and later became the New York Coal Tar Chemical Company.

1865 Page-Bradford Co., formed in New Orleans, La., to distill tar from local gas works. This firm was soon succeeded by I. D. Fletcher. It was the first to recognize the value of definite specifications for roofing. Creosote oil was also marketed for wood preservation and this plant originated the treatment of wood by the open tank process. Wood blocks were treated and used for paving in New Orleans.

1866 Michael Ehret, Jr., who had patented a slag roofing (presumably tar and slag) in 1864, began the distillation of local gas-works tar at Philadelphia, Pennsylvania, and subsequently formed M. Ehret, Jr. & Co., and also Warren-Ehret Co.

1870 H. A. Clifford began tar distillation at Pittsburgh, Pennsylvania. About 1888 the plant was purchased by Slocum, Lloyd and Orr and operated as Pittsburgh Tar Chemical Works. They manufactured two- and three-ply Black Diamond prepared roofing which was the only prepared roofing on the market at that time. Also produced considerable quantities of paving pitch. Reputed to be the first plant to distill tar from byproduct coke ovens.

1873 W. H. Rankin Co. established a plant for distillation of coal tar at Elizabeth, New Jersey, and later constructed a plant for the manufacture of rag felt.

1873 Forest City Chemical Co. began tar distillation at Cleveland, Ohio, and was the forerunner of the large bituminous paint business now centered in that city. It was associated with the development of the large carbon electrode business in that locality. It also produced anthracene for use in the dyestuff industry.

1884 H. W. Jayne established H. W. Jayne Chemical Laboratory in Philadelphia, Pennsylvania, to manufacture fine chemical products. This resulted in the formation of the H. W. Jayne Chemical Co. in 1887 to enter the tar distillation field and was the foundation of Barrett's present chemical department. Coal-tar light oils, naphthalene, creosote oil, and some tar acids were produced.

1889 S. E. Barrett Mfg. Co. was formed by merger of the following:

S. E. Barrett Co. (successor to Barrett & Arnold)

St. Louis Coal Tar Co.

Ehret-Warren Mfg. Co.

Slocum, Lloyd & Orr, of Pittsburgh, Pa.

Forest City Chemical Co.

Beloit Paper Mill, of Beloit, Wisc. (had operated for several years, initially as producer of straw board and subsequently as manufacturer of rag felt)

Chas. H. Conner & Co., of Louisville, Ky.

1896 Barrett Mfg. Co. was formed by merger of the following:

S. E. Barrett Mfg. Co.

N. Y. Coal Tar Chemical Co.

I. L. Fletcher

M. Ehret Jr. & Co.

The Warren-Ehret Co. of Philadelphia

H. W. Jayne Chemical Co.

THIS CONSOLIDATION INTEGRATED TAR DISTILLATION PLANTS IN THE EAST, SOUTH, AND MIDDLE WEST, AND FORESHADOWED DEVELOPMENTS THAT THE ADVENT OF COKE-OVEN TAR IN QUANTITY MADE INEVITABLE FOR THE PRODUCTION OF CREOSOTE OIL, CHEMICALS AND VARIOUS GRADES OF COAL-TAR PITCH.

1898 BARRETT MFG. CO. ACQUIRED NATIONAL COAL TAR CO., AND WARREN CHEMICAL & MFG. CO.

1899 A NEW PLANT WAS BUILT AT EVERETT, MASSACHUSETTS, TO MANUFACTURE TAR PRODUCTS FROM LOCAL COKE OVENS.

1903 BARRETT BEGAN THE SALE OF COAL TAR AS A HIGHWAY MATERIAL WHICH WAS FOLLOWED BY CONTINUOUS DEVELOPMENT AND STANDARDIZATION OF A COMPLETE LINE OF PRODUCTS FOR BOTH SURFACE TREATMENT AND CONSTRUCTION. THE TRADE NAME TARVIA WAS ADOPTED IN 1906.

CREONOID, AN INSECTICIDE, WAS INTRODUCED.

1904 BARRETT MFG. CO. ACQUIRED W. H. RANKIN CO. WITH ITS FELT MILL AT ELIZABETH, NEW JERSEY.

1906 BARRETT MFG. CO. EXTENDED ITS ACTIVITIES INTO CANADA BY PURCHASE OF CARRITE-PATTERSON MFG. CO. AND PATTERSON MFG. CO.

1908 NEW FELT MILL WAS BUILT AT PEORIA, ILLINOIS, TO MEET INCREASED DEMANDS OF SATURATING AND ROOFING PLANTS.

1910 BARRETT WITH GENERAL CHEMICAL CO. AND SEMET-SOLVAY CO. ORGANIZED BENZOL PRODUCTS CO., WITH PLANT AT MARCUS HOOK, PENNSYLVANIA, FOR THE PRODUCTION OF NITROBENZENE AND ANILINE.

1911 CENTRAL RESEARCH DEPARTMENT WAS ESTABLISHED AT EDGEWATER, NEW JERSEY.

A LARGE MODERN PLANT WAS BUILT AT CHICAGO FOR THE DISTILLATION OF TAR, MANUFACTURE OF SATURATED FELT, AND PRODUCTION OF PREPARED ROOFING.

CARBOSOTA WAS INTRODUCED FOR BRUSH AND SPRAY TREATMENT OF TIMBER.

BARRETT WAS PRODUCING DISINFECTANTS AND REFINED BENZOL, TOLUOL, XYLOL, PHENOLS AND CRESOLS.

1912 A LARGE NEW PLANT WAS BUILT AT COREY, ALABAMA (NOW FAIRFIELD) TO HANDLE THE LARGE VOLUME OF COKE-OVEN TAR THAT WAS BECOMING AVAILABLE DUE TO THE EXPANSION OF THE STEEL INDUSTRY IN THAT LOCALITY. THIS PLANT WAS THE FIRST TO USE PIPE STILLS FOR THE CONTINUOUS DISTILLATION OF TAR, AND WAS WELL IN ADVANCE OF THEIR USE IN THE PETROLEUM INDUSTRY.

1915 SYNTHETIC PHENOL PRODUCED AT FRANKFORD.

1916 THE CORPORATE TITLE WAS CHANGED TO THE BARRETT COMPANY.

DISTILLATION PLANTS WERE BUILT AT TOLEDO AND YOUNGSTOWN, OHIO.

REFINED PARACOUMARONE-INDENE RESINS WERE PRODUCED, TO WHICH THE TRADEMARK CUMAR WAS APPLIED IN 1919.

SPECIAL FLOTATION OILS WERE INTRODUCED.

THE PRODUCTION OF ORTHO-CRESOL WAS INITIATED

PRODUCTION OF RESORCINOL INITIATED.

1917 A-NAPHTHYLAMINE, ANTHRACENE, CARBAZOLE AND PHENANTHRENE WERE PRODUCED AT FRANKFORD AND SPECIAL PRODUCTS DIVISION ALSO PRODUCED PHENOLPHTHALEIN AND PHENYLGLYCINE.

BARRETT BEGAN THE DEVELOPMENT AND SALE OF A LINE OF COAL-TAR PRODUCTS FOR USE IN RUBBER COMPOUNDING, AND INTRODUCED BRH, BRC, AND BRV.

NEW TAR DISTILLATION PLANT WAS BUILT AT DETROIT, MICHIGAN, TO HANDLE TAR FROM ADJACENT SEMET-SOLVAY COKE OVENS.

1918 PRODUCTION OF P-AMINOPHENOL AND SYNTHETIC ANTHRAQUINONE.

NEW TAR DISTILLATION PLANT WAS BUILT AT SYRACUSE, NEW YORK.

1919 PHTHALIC ANHYDRIDE PRODUCED COMMERCIALLY BY CATALYTIC OXIDATION OF NAPHTHALENE.

BARRETAN, A SYNTHETIC TANNING AGENT, WAS INTRODUCED.

1920 THE BARRETT COMPANY MERGED WITH GENERAL CHEMICAL CO., SEMET-SOLVAY CO., SOLVAY PROCESS CO., AND NATIONAL ANILINE & CHEMICAL CO., TO FORM THE ALLIED CHEMICAL & DYE CORPORATION.

MALEIC, MALIC, SUCCINIC AND FUMARIC ACIDS ADDED TO LINE OF CATALYTIC OXIDATION PRODUCTS.

THE DISTILLATION OF TAR BY AIR RECIRCULATION FOR INCREASED PRODUCTION OF CREOSOTE OIL WAS BEGUN AT FAIRFIELD, ALABAMA.

1922 BARRETT BEGAN THE PRODUCTION OF FIXED CARBON FUEL, AN EXCEPTIONALLY PURE METALLURGICAL COKE, BY THE COKING OF PITCH IN BEEHIVE OVENS AT VIRGINIA MINES, ALABAMA.

1922 CARBONEX WAS INTRODUCED TO THE RUBBER INDUSTRY.

1926 BARRETT INTRODUCED THE DIRECT RECOVERY SYSTEM OF TAR DISTILLATION AT THE PLANT OF THE IRONTON BYPRODUCTS COKE CO. THIS WAS BASED ON THE RAPID DISTILLATION OF TAR BY THE HOT GASES FROM THE COKE OVEN WITH GREATLY INCREASED YIELDS OF CREOSOTE OIL AND THE PRODUCTION OF HARD PITCH. THE PROCESS WAS SOON EXTENDED TO A NUMBER OF OTHER COKE-OVEN PLANTS.

1927 BARRETT ENTERED THE STONE-MIXED PAVING FIELD BY CONSTRUCTION OF PLANT AT JAMESVILLE, NEW YORK, FOR THE PRODUCTION OF TARVIA-LITHIC. THESE OPERATIONS WERE EXPANDED LATER BY THE CONSTRUCTION OF ADDITIONAL PLANTS IN THE EAST, SOUTH, AND MIDDLE WEST.

1929 BARRETT BEGAN THE LARGE-SCALE PRODUCTION OF NEW AND IMPROVED PRODUCTS FOR PIPELINE PROTECTION.

BARDOL AND SRO WERE INTRODUCED TO THE RUBBER INDUSTRY.

1930 BARDEX WAS INTRODUCED TO THE RUBBER INDUSTRY.

1931 COMMERCIAL PRODUCTION OF THIOPHENE-FREE BENZOL AND ALPHA-PICOLINE.

1932 COMMERCIAL PRODUCTION OF PARACHLOROMETACRESOL.

1933 COMMERCIAL PRODUCTION OF QUINOLINE AND CHLOROXYLENOL.

1934 BARRETT INTRODUCED A NEW COAL-TAR STEEP ROOFING PITCH FOR BUILT-UP ROOFING CONSTRUCTIONS ON INCLINES TO WHICH ASPHALT ONLY HAD BEEN PREVIOUSLY PRACTICAL TO USE.

1935 Commercial production of 1,3,5-xylenol and special xylenol fractions.

1936 Commercial production of paracresol.

A complete new distillation plant was built at Malden, Massachusetts.

1937 New plant for the large-scale production of phthalic anhydride was built at Frankford, (Philadelphia).

Commercial production of metacresol.

1939 Barrett engaged in the production of hydrogenated coal-tar products.

New plant for the production of synthetic phenol was built at Frankford, (Philadelphia).

1941 The Barrett Company became The Barrett Division of Allied Chemical & Dye Corporation.

Commercial production of monomeric styrene.

1942 Commercial production of dibutyl phthalate and nicotinic acid.

PLASTENDER was introduced to the rubber industry.

1943 Commercial production of dicapryl and diamyl phthalates and quinaldine.

CONFIDENTIAL

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION

40 RECTOR STREET, NEW YORK 6, N. Y.

OFFICE OF THE PRESIDENT

TO ALL BARRETT EMPLOYEES

THE FIRST HUNDRED YEARS

Attached is a resume of Barrett's history from the date our Company was founded, one hundred years ago, to the present time.

This resume was prepared by Mr. A. G. Husen, our Advertising Manager, after considerable painstaking research, and I feel sure that you will find it both interesting and valuable.

CONFIDENTIAL

The First Hundred Years

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THE FIRST HUNDRED YEARS

A curious thing about history, a historian once observed, is that while it was happening nobody really understood its meaning. So it was with the small, localized and barely recorded beginnings which grew into the impressive national enterprise known now as the Barrett Division, Allied Chemical & Dye Corporation.

Barrett's history really began when Samuel E. Barrett, a resident of Keene, New Hampshire, where he was born in 1833, decided to follow in the footsteps of many another business pioneer. He left "overcrowded" New England to seek his fortune in the little-known West. Barrett was just 20 years old when he began his journey which carried him by overland stage-coach, canal barge, and a lake-sailing vessel to the rapidly growing town of Chicago -- population 30,000.

"THE SIDEWALKS OF CHICAGO"

It was 1853. "Deal Gently with the Motherless" vied with "Wait for the Wagon" as the most popular melody of the day, and Horace Greeley was lecturing at Tremont Hall, billed as "the fearless champion of the masses", when Samuel E. Barrett first trod the sidewalks of Chicago. "Sidewalks" may be a generous term, if one is to take literally the stories in the local daily of the period, which proclaimed that the streets of "The Queen City" were "little more than swamps, beloved by hogs and dogs but the terror of horses and pedestrians".

But though the streets were, as the Daily Commercial Advertiser termed them, "a noisome quagmire", the air above was electric with hustle and bustle that must have convinced young Barrett that his long and arduous journey was a move in the right direction. Young Barrett never regretted taking Greeley's advice, "Go West, young man, Go West!"

Barrett went to work in a sugar factory shortly after reaching his destination, but after three months accepted an offer from a relative, Benjamin F. Barrett, who conducted a roofing business, and whose exact relationship has not been established. It seems most likely that he was an older brother. Barrett began his career in the roofing business as a salesman. His job was to sell the new coal-tar pitch roofing which was rapidly replacing pine tar and paper roofing.

POWELL'S PART OF THE PICTURE

A few years previously -- 1850 -- B.F. Barrett had taken into his organization a young man by the name of M.W. Powell. He was employed as a roofing mechanic and soon became foreman. As no roofing work was done during the winter in those days, he would work during cold weather months as a mate on a Mississippi steamboat. Powell became, eventually, superintendent and general manager. More of him later.

THE EARLY FACILITIES

The first Barrett plant — that is, B. F. Barrett's business — was located at the corner of Monroe and Franklin Streets, an ideal location for that period, as most of the materials came by canal and were shipped out by canal — and the canal was at Barrett's back door. The plant consisted of an old two-story frame house which had once sheltered a pioneer family at the time the city was called Fort Dearborn. Adjacent to the house was an open frame shed and a primitive still in the shape of an open kettle fired by wood fuel.

It was the year 1854 when Samuel E. Barrett launched his own business — founded the organization which became the Barrett Division. Benjamin Barrett was evidently not too happy with what was then a seasonal enterprise, so in April, 1854, he turned his business over to Samuel and went into the general merchandising field. Samuel could see no reason why the roofing business should not be developed into an all-year-round operation, and was soon to see his ideas along that line carried out.

Samuel took as a partner William C. Dow, who, in the Chicago City Directory of 1853, was listed as a slate roofing contractor. The firm name of the new company was Barrett, Dow & Company, and the offices of the firm were over the Post Office at 83 Dearborn Street.

William C. Dow left the organization in 1857 to return to the slate application business which he preferred to manufacturing. Barrett, at this point, took as a partner another contemporary roofer by the name of Thomas Arnold, who specialized in slate roofing. The firm name was again changed, this time to Barrett & Arnold. In this same year, M. W. Powell, whom we have mentioned previously as being in the employ of B. F. Barrett, and who had remained with Samuel Barrett when the firm of B. F. Barrett was dissolved, now left Barrett to form a roofing application company under the name of Powell & Mansfield, which became a customer of Barrett & Arnold and published an occasional advertisement, more than one of which included the following: "We furnish the roofing known as 'Barrett's Roofing'".

PRIMITIVE METHODS

In the beginning small sheets of roofing paper, just long enough and wide enough to be dropped into the saturating tank, were used, the excess tar being scraped off with a hand scraper. Then a hand wringer which had done duty in a laundry was added. The wringer later suggested the use of continuous saturation of rolls of felt.

Samuel Barrett made arrangements with a small paper mill on the Fox River, about 20 miles from Chicago, to supply felt 26 inches wide in rolls weighing 25 to 30 pounds each. This was considered something of a miracle in mass production as the plant, thus equipped, was able to produce 3000 pounds of saturated felt each day, a figure which doubled when a second saturator was built.

Distilling was a simple process. There was just one separation -- the light oil from the heavy oil -- the light being used for saturation and the heavy for cementing the felt to roof decks. A tar storage tank of 2000-gallon capacity was used. The tar required was pumped out by hand. The tank -- a wooden, barrel-like affair -- was the largest tank of its kind in the country at that time.

Pitch was tested by chewing it. Said one old-timer, "A good still-man had to have a big mouth and a fine set of teeth". In the beginning the surfacing material used was lake sand, and its principal function was to "hold the felt on the roof". Gravel and slag came later.

While B. F. Barrett had been purchasing his roofing materials from the pioneer Warren Chemical Manufacturing Co., Samuel ended this arrangement by taking over from the local gas company its entire supply of coal-tar, an ever-increasing and embarrassing accumulation of residue from coking of coal.

The gas company, which had been having its troubles with municipal officials in the nature of complaints concerning the fouling of sewers and rivers with coal-tar, had been employing haulers to dump the material. Now they were glad to pay Samuel E. Barrett to dispose of that annoying problem. And thus Barrett had acquired for his company a steady and adequate supply of vital roofing raw material.

THE CIVIL WAR INTERLUDE

As far as is known, the firm of Barrett & Arnold was flourishing when the Civil War broke out in 1861. Barrett, desiring to join the Union forces, arranged a consolidation of his firm with that of Powell & Mansfield. The new company was called Barrett, Powell & Company. An advertisement in the 1863 Chicago City Directory, published by Barrett, Powell & Co., states: "Samples of our work and material may be seen on the 'New Sherman House', 'Briggs House', 'Tremont House' and, in fact, on all first class buildings in our city". Apparently, nearly a hundred years ago "Barrett Roofs Topped 'em All!" Offices of the company at that period were at 8 Masonic Temple.

Barrett served throughout the four years of the war, taking part in the Battle of Fredericksburg. He was promoted to Captain in 1862 -- then to Major in 1864. He returned to Chicago in 1865, at which time Mansfield left the firm, the name of which was once again changed, this time to Barrett, Arnold & Powell. Still another change took place when the firm -- this was in 1869 -- became Barrett & Arnold, with address 124 LaSalle Street.

In 1871 Barrett acquired still another partner in the person of Edward A. Kimball, who had been associated with J. K. Botsford & Sons, a Chicago fire insurance company. The firm name at this point became Barrett, Arnold & Kimball. The 1873 address of this firm was 230 East Monroe. Kimball retired in 1888, at which time the company, for the first time, bore the name of one man -- Samuel E. Barrett Company.

DISASTER HITS CHICAGO

The fire that started in Patrick O'Leary's cowbarn on DeKoven Street, October 8, 1871, destroyed 17,400 Chicago buildings, among which was the Barrett plant. A new plant was soon constructed, however, and was kept operating at peak capacity in an effort to accomodate the tremendous market for roofing materials created by the post-fire rebuilding program. The fire, a sad and calamitous blow to the city, also provided opportunity for Chicago's building industry. A new city had literally to be built overnight, and because it meant economy in materials and labor, most of the new buildings -- both residential and commercial -- were flat-roofed.

Makeshift tanks were assembled to distill tar, and all sorts of roofing papers were used. By the end of the year Barrett's company was not only back on its feet, but had recorded the largest volume in its history. The impetus given Barrett's business as a result of this catastrophe helped carry the company to greater achievement and expansion.

THE MAN BARRETT

Though company records of the early years of its history are practically non-existent -- the historian having to rely upon contemporary city directories, old Chicago historical volumes and an occasional circular from library archives -- there has been preserved more than one colorful anecdote to contribute to an understanding of the character of the bewhiskered gentleman who was the founder of Barrett.

For example, there was the epidemic of 1872, the year following the great fire. All the city's horses, the only mode of transport, were stricken suddenly with a mysterious disease which killed them off in a matter of hours. With 350,000 inhabitants at the time, the transportation of food and other necessities of life was seriously jeopardized. All Barrett's horses died and were interred in the prairie adjacent to the plant. But there was no interruption in the supply of gas to the city, and Barrett's contract with the Peoples Gas Company was to haul 50 barrels of coal-tar daily from the gas plant three miles away.

Acting with his customary ingenuity, Barrett hired two express wagons -- much lighter vehicles than the roofing wagons -- and harnessed a dozen men to each. The men made the round trip daily for three weeks until three yokes of oxen were procured. The epidemic lasted six weeks and normal business was resumed when horses were brought into the city. But in the meantime Barrett had carried out to the letter the terms of his contract.

In 1876 business was poor. The demand for tar had almost disappeared. Barrett had tar, as the saying goes, "coming out of his ears".

Barrett, ever resourceful, visited the governors of four states -- Iowa, Kansas, Minnesota and Missouri -- with a novel solution to a plague of grasshoppers which was ravaging crops and threatening farmers with bankruptcy. He proposed that sheet iron be placed in the path of the great grasshopper invasion, the sheets to be covered with coal-tar. The grasshoppers swarmed into the tar, which was set afire. The crops were saved, and Barrett made a tidy profit on the sale of 7000 barrels of tar.

Another story is told by one of Major Barrett's associates. The firm had an order for pitch and felt that was to be applied to the roof of an old Chicago warehouse. Major Barrett heard indirectly that the order was to be cancelled and another type of roof substituted.

That night he had all the necessary materials delivered to the job and a crew of men set to work. Before daylight the pitch and felt roof was completed. A message received that morning from the owners of the warehouse, cancelling the order, brought this reply from Barrett; "Your roof is already on -- it will last as long as your building."

THE PERIOD OF EXPANSION BEGINS – 1899

In 1889 Major Barrett organized the S. E. Barrett Manufacturing Company and brought into his firm a group of five other roofing manufacturers. These included the Forest City Chemical Company (with plants in Cleveland, Cincinnati and Columbus); the St. Louis Coal Tar Co.; the Ehret-Warren Manufacturing Co., with plants in St. Louis and Kansas City, Mo.; Chas. H. Conner & Co. of Louisville, Ky.; Slocum, Lloyd & Orr of Pittsburgh; and the Beloit Paper Mill of Beloit, Wis., manufacturers of strawboard and rag felt. Among the products of the consolidated group were saturated felt, roofing and other pitches, creosote oil and refined tars.

Seven years later, in 1896, Major Barrett expanded to the Eastern and Southern states, and under the name of the Barrett Manufacturing Company, brought together five more companies -- M. Ehret, Jr. & Co., Warren-Ehret Co. of Philadelphia (the latter at that time being the major Eastern manufacturer and applicator of roofing), the I. D. Fletcher Company, the New York Coal Tar Chemical Co., and H. W. Jayne Chemical Company.

This consolidation integrated the tar distillation plants in the East, South and Middlewest. Subsequently the availability of coke oven tar recovered from by-product ovens made possible the production by Barrett of creosote oil, chemicals and various grades of coal-tar pitch at a number of locations East of the Mississippi.

The acquisition of the Jayne Chemical Co. is of particular interest for it was the only firm in this second consolidation which was not engaged in some phase of the roofing business, and it was to become Barrett's Frankford Chemical plant.

The Jayne organization was founded in 1884. Shortly thereafter it entered the field of tar distillation, operating in conjunction with M. Ehret, Jr. & Co. Its principal function was the economical disposal of certain by-products of tar distillation operations in which the Ehret concern was engaged, and it was one of the country's early producers of coal-tar acids, naphthalene, moth balls (which were made by hand), water white distillates and other coal-tar chemicals.

In contrast to present Frankford production, it is interesting to note that, in 1899, approximately three months were required to produce ten gallons of synthetic phenol; and it took almost as long to turn out a tank car of benzol.

Between 1896 and 1905 a number of roofing material companies were added to the Barrett organization, including The Mica Roofing Company, the National Coal Tar Company, New York, the Warren Chemical & Manufacturing Co., the Eastern Granite Roofing Co., and the W. H. Rankin Co. The plant of the last-mentioned concern is the present Barrett Elizabeth plant, which is the oldest continuously operated plant in Elizabeth, N.J.

BARRETT INVADES CANADA – 1906

To facilitate the distribution of Barrett products in Canada, in the year 1906 the interests of the two foremost roofing manufacturers in Canada were purchased -- The Paterson Manufacturing Co. of Toronto and Montreal, and the Carritte-Paterson Manufacturing Co. of St. John, New Brunswick. The business continued to operate under these names until 1917, in the case of Paterson, and 1918 in the case of Carritte, when the name, The Barrett Company, Ltd., was adopted.

As Canada grew and expanded westward, so did Barrett. A plant was established in Winnipeg in 1909, followed shortly by one in Vancouver. Barrett's Canadian felt mill in Joliette was acquired in 1926 from Alex. McArthur & Company. The most recent acquisition, in 1953, was the plant of the Louiseville Pulp and Wallboard Mfg. Ltd. Here Barrett produces insulating board products. The establishment of a shingle plant in Vancouver is another recent development in Barrett's Canadian operations.

THE EARLY DAYS OF THE 20TH CENTURY

Further expansion in the early years of the Twentieth Century included the building of a felt mill in Peoria, the establishment of a Research Laboratory at Edgewater, N.J., the building of a modern roofing plant in Chicago, and tar distillation plants in Birmingham, Toledo, Youngstown and Detroit.

Undoubtedly America's most dramatic and conspicuous development in the early 1900's was the advent of the automobile. Its impact upon the daily lives of millions of Americans was like a burst of lightning and devastating in its destruction of accepted standards of transportation and, more than incidentally, the accepted standards of highway construction.

The automobile's popularity was jeopardized by the fact that it literally had "no place to go", and the familiar and rather contemptuous cry, "Get a horse!" was heard across the land. The progress of the automobile was bogged in the mud roads and clouds of dust which made automobiling, beyond city streets, irritating, uncomfortable, hazardous and generally speaking, a dirty business.

"TARVIA" – GOOD ROADS AT LOW COST

And that is where Barrett "Tarvia" road tar came in, literally taking the automobile out of the mud and contributing immensely to the early progress of the automobile industry.

Barrett's advertising campaigns on "Tarvia" road material in national magazines were in reality intended to arouse the public to the need and benefits of paved highways. This campaign was one of America's earliest public education programs –– the enlistment of the public in a crusade for better roads. Barrett's "Better Roads at Low Cost" program not only did a conspicuously fine job in creating favorable public opinion towards the aims of the campaign, but made "Tarvia" a household word. The sale of coal-tar for highway paving began in 1903. The trademark "Tarvia" was adopted in 1906.

"THE GREATEST NAME IN ROOFING"

Probably the outstanding contribution made by Barrett to the building industry has been the Barrett "Specification" Roof. The origin of the "Specification" trade name is interesting.

In 1906 Barrett commissioned Alfred W. Erickson, then a young advertising man and the founder of the advertising firm of McCann-Erickson, Inc., to make a survey of the roofing materials field to determine if the new science of advertising could discover a remedy for an unhealthy condition in the built-up roofing application business which was endangering the reputation of the industry.

A comparatively few irresponsible operators, by using less material than essential for a good job, and application methods somewhat questionable, were affecting derogatorily the prestige of the larger group of reputable roofers. While conducting this survey Erickson was stricken with malaria. His doctor prescribed a standard remedy, advising his patient that the medical profession termed this remedy a "specific", for the reason that it was specifically designed to cure malaria.

The thought occurred to Erickson –– pondering the lack of uniformity of methods used by roofing applicators –– why not develop a "specific" method for the application of roofs, thereby standardizing procedures which had proved themselves to be sound?

THE BARRETT "SPECIFICATION" ROOF IS BORN

Specifications were drawn up, embodying the best combination of existing practices. These specifications prescribed the number of plies of felt, the amount and type of pitch to be used, the spacing of the layers of felt -- in short, they covered the entire construction of the roof. Thus was born the famous Barrett "Specification" Roof.

Another forward step insured that these specifications would be followed. Barrett began to select applicators of proved ability, and to them entrusted the responsibility of carrying out the specifications. This resulted in an organization of "Approved Roofers" which is unique in the building industry. Architects know that by including a "Barrett Specification Roof" in their "specs", the quantity and quality of materials and the methods used in their application are definitely established.

Another "first" for Barrett was the system of bonding roofs, which Barrett inaugurated in June 1916. Barrett "Specification" Roofs are bonded against repair and maintenance expense for periods up to 20 years.

We have seen how Barrett's roofing operations grew into a vast national organization from a small beginning -- and this growth has in reality never been inert -- changes, improvements, new facilities and new plants studding the passing years as milestones in Barrett's progress. In the past year, Barrett's building materials manufacturing facilities have broadened with the addition of one of the most modern shingle plants in the country which Barrett built in Birmingham, Alabama, giving Barrett extensive roofing operations at three strategic locations -- Chicago, serving the West, Philadelphia, serving the East, and Birmingham, serving the South.

Also in 1953 Barrett purchased the plant of the Maizewood Insulation Co. at Dubuque, Iowa, and now produces fibre board for insulation and roofing purposes.

Today -- even as in little old Chicago almost a hundred years ago -- Barrett roofs dominate the skylines of most cities in the country, while Barrett's prepared roofing products in the form of asphalt shingles and roll roofings, protective paints and cements, damp-proofing and waterproofing products, sheathings and building papers, are justly famous among builders, building supply dealers, roofers and building owners.

IN THE FIELD OF WOOD PRESERVATION

Although crude tar was used on the wooden hulls of ships hundreds of years ago, it is believed that coal-tar creosote or "dead oil of coal-tar", as it was originally called, was first used successfully as a wood preservative about the year 1836. What with abundant forests, however, and a widespread failure to appreciate the economies that could be effected by treating timber, creosote was not used extensively in this country until comparatively recent years, despite this early start.

The New Orleans Company of the Fletcher Brothers, which became part of the Barrett organization in 1896, was the first concern south of the Mason-Dixon Line to operate a tar still, and George Fletcher recognized the preservative qualities and possibilities of creosote. In 1872 he adopted the system of boiling wooden paving blocks in coal-tar creosote. So successful was this treatment that these blocks were still in good condition 30 years later.

Today Barrett ships millions of gallons of creosote oil to all parts of America for use in preserving railroad ties, telephone and telegraph poles, fence posts, poles for pole-barns, dock and bulkhead timbers, and for numerous other purposes. Methods of application vary, but one of the most common and most successful methods of treatment is the forcing of coal-tar creosote into the wood under pressure. Barrett is probably the country's largest producer of coal-tar creosote, for which no really popular and proved substitute has been discovered.

PROTECTIVE COATINGS

Barrett's Protective Coatings Department was organized in 1930, though Barrett protective materials, such as waterproofing pitch, tarred felt and paints were used years previously for much the same purpose. In 1926, for example, Barrett's first sizable order for steel pipe protection was secured by the Kansas City office, the sale consisting of approximately $200,000 worth of materials for the protection of natural gas lines in Kansas and Oklahoma.

Today Barrett, truly a pioneer in this field, provides pipeline enamels and water works enamel for thousands of miles of gas, oil and water lines in almost every section of the country and Canada. The famous "Big Inch", bringing oil 1400 miles from Texas to the Eastern Seaboard, is protected with Barrett pipeline enamel, as are scores of other great transportation pipelines, including the longest and biggest of all — the 30" Transcontinental Pipeline carrying gas 1700 miles from Texas to the East.

THE CHEMICAL AGE

Barrett's entry into the chemical field really began in earnest, as has been noted, with the purchase of the Jayne Chemical Co. at Frankford. The present huge plant at that location, of course, bears little resemblance to the original modest operation. The range of chemical products has been tremendously broadened and the methods of production advanced in pace with industrial requirements and technical progress.

Perhaps this Age of Chemicals, as it is often called, would be more frequently termed "the Age of Miracles" but for the fact that the wonders which spout from the chemical laboratory with the regularity of Old Faithful have grown commonplace. We the people expect miracles from our chemical researchers and more often than not get them. "What will they do next?" we ask over bacon and eggs, and turn to the sporting page. We have become calloused to chemical magic, which is probably as it should be because the chemical researcher himself would be the last to ascribe anything occult to his discoveries and his development work.

But chemical research has transformed the world in which we live, and has brought into prominence scores of great manufacturing concerns operating in a highly diversified field. Barrett's place in chemistry, is, of course, mainly as a distiller and refiner of coal-tar chemicals. Barrett, in fact, is the largest manufacturer of coal-tar chemicals in America, perhaps in the world.

ALLIED CHEMICAL IS FORMED

In 1920 Barrett was merged with General Chemical Co., Semet-Solvay Co., The Solvay Process Co., and National Aniline & Chemical Co. to form the Allied Chemical & Dye Corporation. The merger was described by the New York Herald in these somewhat prophetic words: "The need for a strong, self-sustaining chemical industry in peace time and an instrument ready for immediate conversion to defensive purposes in war, has been achieved by the consolidation. We hail it as a victory . . ."

Thereafter a myriad of new products was developed and they flowed in ever-increasing volume from Barrett's plants, to serve industry, the country's vital war needs, and the everyday requirements of Americans in all walks of life. New equipment, new processes, new plants and new production and research facilities created throughout the last quarter century doubled, redoubled, and doubled again Barrett's capacity to serve an ever-widening field.

Barrett chemicals go into many end products and are used by a multitude of different industries in the manufacture of pharmaceuticals, plastics, paints and varnishes, rubber products, disinfectants, soaps, dyestuffs, printing inks, adhesives, floor tile, waterproofing materials, leather goods, paper, insecticides, animal and poultry feeds, etc. One product alone, phthalic anhydride, is used for a wide range of purposes, such as alkyd finishes for automobiles, refrigerators and other household appliances, for artificial leather and for the manufacture of plasticizers for various synthetic resins and plastics.

In recent years Barrett's expansion has included, for example, new phthalic anhydride plants at Ironton, Ohio, Calumet (Chicago), and Frankford, Pa., making Barrett far and away the country's largest producer of this important and versatile chemical. Barrett has recently greatly expanded its distillation facilities to increase chemical recovery at its plants in Chicago, Ironton and Detroit. It has rebuilt and modernized its distillation plant at Youngstown, expanded its phthalate ester and nicotinic acid facilities at Frankford.

Recently Barrett has completed a plant at Frankford for the manufacture, by a new process, of Phenol using Cumene as a raw material. The finished product has an exceptional purity. The plant has a capacity of 25 million pounds of Phenol and 15 million pounds of Acetone yearly.

Barrett purchased last year the plant of the Synvar Southern Corporation at Greensboro, N. C., where Barrett manufactures urea-formaldehyde resins, used principally in the furniture and textile industries.

Probably Barrett's most important acquisition of recent years (1953) was the Plaskon Division of Libbey-Owens-Ford Glass Co. located at Toledo, where two fine plants produce resin products under the trade name "Plaskon". Among these are alkyd molding compounds, used in making electrical parts; urea and melamine formaldehyde molding compounds — for refrigerators, housewares, buttons, radio cabinets, tableware, toilet seats, etc.; coating resins — for finishes for automobiles, machinery, kitchen equipment, toys, etc.; resin glues — for bonding plywood, furniture manufacture, boats, etc.; foundry resins; and polyester resins — for furniture, boats, automotive parts, helmets, chests, lamp shades, etc.

New research laboratories, involving the investment of millions of dollars in building and equipment, have been established at Edgewater, N. J. and Glenolden, Pa., during the past two years.

IN CONCLUSION

This article is necessarily somewhat sketchy and probably omits a vast amount of pertinent information, corporate details, and other material. No attempt has been made to make the story inclusive.

However, the high spots mentioned should give the reader a fair, overall view of the company's beginnings, its development, its present-day importance to the economy of the country, and, last but not least, its philosophy which might be described briefly as the determination to produce only quality products; to place product integrity ahead of all other business considerations.

Few will deny that a concern which has survived the numerous hills and valleys of prosperity and recession over a full century, to emerge stronger with each passing decade, must have something fundamentally sound about its policies, its general make-up and its management. But to these essential ingredients for success might be added still another that is clearly noticeable to anyone who has studied Barrett's history . . .

. . and that is a certain restless quality — a youthful impatience with the status quo — which seems to have possessed its founder and all those who followed him in administering the fortunes of the company. Expanding steadily and surely with each passing year, Barrett has never lost its vigor since young Samuel E. Barrett opened for business over the little old Chicago post office at 83 Dearborn Street. So today it can fairly be said, in this its anniversary year, that Barrett is one hundred years YOUNG!

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Barrett Division Chronology

1854	S.E. Barrett and Robert Arnold entered a partnership as Barrett and Arnold to distill coal tar from adjacent gas works at Chicago, Illinois and to manufacture coal tar saturated roofing felts.
1888?	S.E. Barrett Manufacturing Co. was formed by a merger of S.E. Barrett Co. (successor to Barrett & Arnold); St. Louis Coal Tar Co.; Ehrst-Warren Manufacturing Co.; Slooum, Lloyd & Orr; Forest City Chemical Co.; Beloit Paper Mill and Chas. M. Conner & Co.
1896	Barrett Manufacturing Co. was formed by merger of S.E. Barrett Manufacturing Co.; New York Coal Tar Chemical Co.; I.D. Fletcher; M. Ehret, Jr. & Co.; The Warren-Ehrst Co. of Philadelphia and H.W. Jayne Chemical Co.
1899	Barrett acquired National Coal Tar Co. and Warren Chemical & Manufacturing Co.
1900	Barrett acquired Eastern Granite Roofing Co.
1904	Barrett acquired W.H. Rankin Co.
1906	Barrett purchased Carrite-Paterson Manufacturing Co.
1910	Barrett, General Chemical and Semet-Solvay organized Benzol Products Co.
1916	The corporate title was changed to The Barrett Company.
1917	The name of the company in Canada changed to The Barrett Co., Ltd. of Canada.
1919	Barrett acquired Alex McArthur & Co., Ltd.
1920	The Barrett Company merged with General Chemical Co., Semet-Solvay Co., The Solvay Process Co. and National Aniline & Chemical Co. to form the Allied Chemical & Dye Corporation.
1941	Barrett became the Barrett Division of Allied Chemical & Dye Corporation.
1956	Newark Plaster Company was acquired and became part of the Barrett Division.

1958	The Barrett Division was divided into two divisions; one continuing the name Barrett Division that manufactured the products. The other called Plastics and Coal Chemicals Division that handled marketing of those product lines.
1966	The Barrett Division was enlarged and became the Fabricated Products Division.
1967	Allied sold its Barrett building materials business to the Jim Walter Corporation, a major company in that field. The Agricultural Division assumed responsibility for Barrett paving materials.

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A BRIEF HISTORY AND DESCRIPTION

OF

ALLIED CHEMICAL CORPORATION

(1920-1968)

Allied Chemical Corporation • 61 Broadway • New York, N.Y. 10006

ALLIED CHEMICAL CORPORATION

Origin

Soon after World War I, American industrial leaders sought ways to end the foreign domination of the chemical industry. This monopoly had resulted in drastic wartime shortages of dyes, pharmaceuticals and other necessities which had long been supplied, for the most part, by German manufacturers. Motivated by the idea that a pooling of effort might give the United States a significant start toward strengthening domestic production, a group of men heading five chemical enterprises decided to set up a business of allied chemicals.

Thus, in December 1920, Allied Chemical & Dye Corporation was formed by the consolidation of The Barrett Company, supplying coal-tar chemicals and roofing; General Chemical Company, specializing in industrial acids; National Aniline & Chemical Company, a leading dye concern; Semet-Solvay Company, manufacturing coke and its by-products; and Solvay Process Company, a producer of alkalies and nitrogen materials. These five subsidiary companies, whose origins dated back to the founders of the American chemical industry, subsequently became operating divisions of Allied Chemical & Dye Corporation - Barrett and National Aniline Divisions, in 1925; and General Chemical, Semet-Solvay, and Solvay Process Divisions, in 1947. The change-over to "Divisions" was designed to strengthen corporate unity.

Growth Over the Years

Traditionally a leading manufacturer of basic chemicals for industry, Allied Chemical's research and expansion programs have not only strengthened its position as a basic supplier, but also have created a wealth of upgraded chemicals as well as some products that are available directly to retail purchasers.

In 1958, the Company's name was shortened to Allied Chemical Corporation. From time to time, its divisional structure has been realigned to meet the needs of growing, more complex operations. Currently, manufacturing is carried on by eight Divisions: Agricultural, Fabricated Products, Fibers, Industrial Chemicals, Plastics, Semet-Solvay, Specialty Chemicals, and Union Texas Petroleum. Allied Chemical Canada, Ltd., manages all Canadian business from its headquarters in Montreal. Allied Chemical International directs export sales and manufacturing interests outside the United States and Canada.

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Quantities of raw materials are derived from Company-owned mines, wells and quarries. Overall activities, across the United States and in many other nations, are staffed by some 36,000 employees.

Corporate and Divisional Headquarters

Since its formation the Company has maintained its executive offices at 61 Broadway, New York City. Nearby, at 40 Rector Street, the Allied Chemical Building houses various corporate and divisional offices.

Following are the locations of divisional headquarters:

Agricultural Division Fabricated Products Division Semet-Solvay Division Allied Chemical International	--	40 Rector Street, New York City
Fibers Division	--	Allied Chemical Tower 1 Times Square, New York City
Industrial Chemicals Division Plastics Division Specialty Chemicals Division	--	Morris Township, New Jersey
Union Texas Petroleum Division	--	Houston, Texas

The Allied Chemical Building at 40 Rector Street, an 18-story structure extending from Washington Street to West Street, stands on land purchased by The Barrett Company in the summer of 1920. Barrett, which joined Allied Chemical upon its formation in December of that year, completed the building two years later.

The Allied Chemical Tower, formerly known as the Times Tower, was originally built in 1904. The reconstructed white marble building, completed in 1965, provides a showcase for the Company's products and scientific exhibits open to the public. The new tower retains the traditions of its predecessor--the moving illuminated news sign, and the annual New Year's Eve celebration featuring the lowering of a lighted ball to mark the arrival of the New Year.

At Morris Township, New Jersey, the Corporate Chemical Research Laboratory was constructed, in 1948, on a large estate that had been purchased six years earlier. Divisional laboratories have since been added to the site and, in 1962, a large administration building for corporate and divisional staffs was completed. In 1968, the Company announced plans to transfer most of its New York activities to the Morris Township area, this move to be effected gradually over a two-year period.

Origins and Current Activities of
Divisions and Foreign Operating Units

The Agricultural Division was formerly known as the Nitrogen Division--renamed in 1967 to reflect the Company's broadened scope of farm products, which were consolidated in a single operating unit. The Division was initiated in 1952, as it took over from the former Solvay Process and Barrett Division [redacted] materials.

At Syracuse, New York, in 1921, Allied Chemical had been the first in the United States to develop commercially the synthetic ammonia process for the fixation of atmospheric nitrogen. This operation was moved to Hopewell, Virginia, where a very sizeable plant was completed in 1928, making America for the first time independent of imported nitrate deposits.

Additional facilities for ammonia and nitrogen fertilizers were later established at South Point, Ohio, and Omaha, Nebraska. The Company's chemical/fertilizer complex at Geismar, Louisiana, now provides a large new production center for the Agricultural Division's plant foods.

As the leading domestic producer of ammonia, urea, and a broad line of solid and liquid nitrogen fertilizers, the Agricultural Division is important to the farm economy. Other major products are phosphatic fertilizers, pesticides, and liquid protein supplements for animal nutrition. The Division also markets potassic fertilizers and micronutrients.

Allied Chemical's nitrogen solutions have long been used in fertilizer manufacturing and in direct application to the soil. A more recent development is the commercialization of Poly-N, the first successful fertilizer solution containing phosphate as well as nitrogen. The entire line of farming aids is sold under the Arcadian "Red Banner" trademark. A network of distribution stations in farming regions assures rapid delivery of products to local dealers--enabling them to formulate solutions of nitrogen, phosphate, potash, micronutrients and pesticides, in ratios prescribed for crop needs.

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The Fabricated Products Division, established in 1967, manufactures and markets product lines strongly oriented to the end-user. It utilizes to a great extent raw materials and technology developed within the Company. Currently the Division operates six separate businesses. Four are departments: Plastic Film, Plastic Dinnerware, Unicast Products, and Paving Materials. Two are wholly owned Allied Chemical subsidiaries: Nodaway

Valley Foods, Inc., acquired in 1964; and the Jim Robbins Seat Belt Company, Inc., acquired in 1966 and 1967.

Plastic films--Capran (nylon), Aclar (fluorocarbon) and PVC (polyvinyl chloride)--made at Pottsville, Pennsylvania, are used principally in the packaging of foods, pharmaceuticals, and industrial and military items.

Melamine dinnerware is manufactured in designer-styled patterns, offering a combination of beauty and durability. The plant is at Port Gibson, Mississippi.

Unicast nylon fuel tanks, and other hollow vessels for specific customer needs, are made by a unique rotational casting technique at the Whippany, New Jersey, plant.

Paving materials for highway construction, parking areas and other paving requirements are produced at a score of locations in the East and Midwest. Products include bituminous concrete, road tar and asphalt, pavement sealers, and stone, sand and gravel aggregates.

Nodaway Valley Foods, of Corning, Iowa, produces convenience foods such as puddings, pie fillings, sour cream, dressings and cheese sauce. Nodaway's aseptic canning process gives products extended shelf life, and improves their appearance, texture and taste.

The Jim Robbins Seat Belt Company, of Mt. Clemens, Michigan, is a leading maker of seat belts and harnesses for the automotive industry. Principal plants are at Mt. Clemens, and Knoxville, Tennessee.

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The Fibers Division, formed in 1963, specializes in production and marketing of the Company's Caprolan nylon, which had been initiated by the former National Aniline Division after almost a decade of corporate research and pilot-plant study. Probably the best known of Allied Chemical's consumer-oriented products, Caprolan is, in chemical terms, a nylon-6 polyamide fiber made from caprolactam monomer. Allied was the first to produce caprolactam and nylon-6 in America, in 1955, building its monomer plant at Hopewell, Virginia, and spinning facilities nearby in Chesterfield County.

The caprolactam plant, now operated by the Plastics Division, supplies the Fibers Division with raw material for its heavy- and medium-denier

yarns made at the Chesterfield plant, and for its fine-denier plant near Columbia, South Carolina, which began production in 1962.

Exceptionally dyeable and adaptable to varied fabric applications, Caprolan's acceptance among textile makers has prompted several plant expansions at both Chesterfield and Columbia. The heavy deniers go into tire cord, carpeting, upholstery, seat belts, cordage, conveyor belts and similar hard-wearing industrial products where unusual strength is required. Hosiery, lingerie, colorful gowns and many types of apparel, including outerwear, are made from the fine-denier yarns.

Divisional research has created a bicomstituent fiber which combines the most desirable properties of polyamide and polyester polymers. In 1968, this fiber was introduced to the home furnishings market under the trademark "Source," with luxury carpeting as its principal use. Already in commercial production at the Chesterfield site, the new fiber is being developed for other applications as well.

Staple fibers will soon be added to the Division's output upon completion of a plant adjacent to the Columbia fine-denier nylon facilities.

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The Industrial Chemicals Division was established in 1966, consolidating the former National Aniline, Solvay Process, and General Chemical Divisions--three of the Company's original components. Their predecessor firms were prominent in the early days of American chemical manufacture.

The oldest and largest of National Aniline's predecessors was the Schoellkopf Aniline and Chemical Company, pioneer dye manufacturer, which had its start in 1879 at Buffalo, New York. National Aniline itself was formed in 1917 by the merger of Schoellkopf with two other dye firms. The Solvay Process Company, responsible for the first commercial soda ash plant in the United States, was founded in 1881 on the outskirts of Syracuse, New York, near the regional abundance of salt and limestone. The General Chemical Company, organized in 1899 through the merger of a dozen basic chemical firms, was the first in America to develop the "contact" process for large-scale production of sulfuric acid.

As a major producer of basic chemicals, the Industrial Chemicals Division leads in supplying sulfuric acid, a large-tonnage material required by most industries including the chemical industry itself. Captive production of this commodity is essential for the Division's manufacture of such

other chemicals as nitric and hydrofluoric acids, and aluminum sulfate.

Soda ash, the leading alkali, together with caustic soda and chlorine, form the nucleus of another principal product group required by industry. Among other key chemicals related to this group are calcium chloride, bicarbonate of soda, and hydrogen peroxide.

The Division's chromium chemicals, for pigments, plating and tanning, are known by the "Mutual" trademark--stemming from the Mutual Chemical Company of America, acquired by Allied Chemical in 1954. Mutual began mining chromite ore near Baltimore, Maryland, in 1827, later becoming the largest domestic producer of chromium chemicals.

Certain other lines, previously manufactured by Industrial Chemicals, were assigned in 1968 to a new unit, Specialty Chemicals Division, to provide a more effective organization of product and market responsibility.

Still the largest of the divisions, Industrial Chemicals' principal plants are located in Baton Rouge, Louisiana; Brunswick, Georgia; Chicago, Illinois; Claymont, Delaware; East St. Louis, Illinois; El Segundo, California; Green River, Wyoming; Moundsville, West Virginia; Port Chicago, California; and Syracuse, New York. From many other plants throughout the country, the Division supplies sulfuric acid and other basic chemicals for various industrial needs; and aluminum sulfate, important for water purification systems and paper manufacture.

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The Plastics Division, once part of the former Barrett Division's* operations, was made a separate unit in 1958 for the purpose of intensifying research, customer-service and market development in the plastics field. The Division's initial title, Plastics and Coal Chemicals, was shortened to Plastics in 1960.

Always a supplier of basic chemicals for plastics, Allied Chemical had acquired, in 1953, the Libbey-Owens-Ford-Glass Company's Plaskon

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*One of Allied's original member-firms, The Barrett Company started in Chicago, in 1854, with the first coal-tar still in America and the production of roofing for early western settlers. As a unit of Allied Chemical, Barrett was prominent in building and paving materials--as well as the coal-tar chemicals and plastics assigned to the Plastics Division. In 1967, Allied sold its building materials business. The paving materials business, which originated with Barrett's "Tarvia" at the turn of the century, is now handled by the Fabricated Products Division.

Division, of Toledo, Ohio, marking an important expansion into specialty resins and molding compounds. Allied further broadened its position in this area, in 1964, by acquiring the Mesa Plastics Company of Los Angeles, California.

A comprehensive group of specialty products is manufactured by the Plastics Division, ranging from nylon molding compounds for fishing lines to fluorine-based resins for rocket cones. Among the thermosetting materials are urea, melamine, alkyd, epoxy, and diallyl phthalate molding compounds. High- and low-density polyethylenes and polyvinyl chloride resins comprise the large-volume thermoplastics.

As the leading domestic producer of phthalic anhydride and phenol, the Plastics Division manufactures these and other tonnage materials for the plastics industry at its Philadelphia complex.

In Hopewell, Virginia, this Division manufactures caprolactam, which it uses for its nylon molding compounds and supplies to other divisions for Allied's nylon fibers and nylon packaging films. It is also prominent as a supplier of vinyl chloride monomer, methanol, formaldehyde, adipic acid, acetone, plasticizers, melamine, industrial urea and tar products.

Other principal plant locations are Baton Rouge, Louisiana; Chicago, Illinois; Painesville, Ohio; and Whippany, New Jersey.

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The Semet-Solvay Division's predecessor company, one of the five concerns to form Allied Chemical in 1920, originated in 1895. Louis Semet, a relative of Ernest and Alfred Solvay of Brussels, Belgium, had developed with the Solvays a coke oven designed to recover valuable materials formerly wasted in the coking process. At Syracuse, New York, in 1892, the Solvay Process Company was the first to construct the new by-product ovens in America, and three years later formed the Semet-Solvay Company to build and operate them.

As today's largest merchant producer of furnace and foundry coke, Semet-Solvay Division continues to expand its facilities to meet increasing requirements of the iron and steel industries. Its coke plants are located in Ashland, Kentucky; Buffalo, New York; Detroit, Michigan; and Ironton, Ohio.

This Division operates its own mines in West Virginia for a substantial portion of its coal supply, a great part of which is transported by its own fleet of barges.

By-products from coking--principally gas, tars, ammonia and light oils--are used as starting materials for the Company's dyes and chemical intermediates. They are also sold to customers.

Wilputte Coke Oven Division, a part of Semet-Solvay, evolved from the Wilputte Coke Oven Corporation, which was acquired by Allied in 1940. For many years a leader in its specialized field, Wilputte designs, engineers and constructs integrated facilities for by-product carbonization of coal, coal chemicals, sulfonation, phenol, acid gas treating, and other organic and inorganic chemical plants. These services are performed for the Company and for customers in the United States and overseas.

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The Specialty Chemicals Division was created in 1968, by transfer of certain product groups from the Industrial Chemicals Division, to provide a better opportunity to develop the diverse marketing techniques required by these groups. Prominent in the manufacture of dyes, dye intermediates, food colors and detergents, the new Division manufactures these and other organic chemicals at its plant in Buffalo, New York. Its organic pigments are made in Haledon, New Jersey, at the Harmon Colors plant acquired from the B. F. Goodrich Company in 1959.

Isocyanates--the principal chemical ingredients of urethane plastics--as well as aniline, chloromethanes and food acidulants are produced at Moundsville, West Virginia.

Years of research in fluorine chemistry have established Allied Chemical's leadership in supplying fluorine and fluorine-based compounds--now a part of Specialty Chemicals' operations. One of the major products in this area is uranium hexafluoride (UF_6), a vital nuclear material for the enriched uranium fuel elements used in power generation. The Division is doubling the capacity of its UF_6 plant in Metropolis, Illinois, to serve the growing nuclear power industry. It has also developed improved methods to reprocess spent fuel and plans to construct a sizeable fuel recovery plant in the Southeast.

Genetron aerosol propellants, refrigerants and solvents, manufactured at several locations, are major fluorine-based products, as well as specialty resins and fluorinated acetones and ketones.

Laboratory reagents, fine chemicals and electronic chemicals form another specialized product group, made at Marcus Hook, Pennsylvania.

and marketed under the B&A label. This trademark originated with the Baker & Adamson Company, acquired by the General Chemical Company some sixty years ago.

Baton Rouge, Louisiana, Danville, Illinois, and Elizabeth, New Jersey, are other producing locations for the Division.

* * * * * * * *

The Union Texas Petroleum Division was established in 1962, upon the merger of the Union Texas Natural Gas Corporation into Allied Chemical. The Union Texas organization dates back to 1891, when the well-known industrialist, Herman Frasch, formed the Union Sulphur Company in southern Louisiana, and developed his own mining process that was to revolutionize the sulphur industry. Union Sulphur subsequently became the Union Oil and Gas Corporation of Louisiana, which merged, in 1960, with the Texas Natural Gasoline Corporation to form the Union Texas Natural Gas Corporation.

Of significant long-range benefit to Allied Chemical, the Union Texas Petroleum Division provides a readily available supply of hydrocarbon starting materials for many of the Company's products.

Engaged in exploration and production of natural gas and crude oil, extraction of natural gas liquids, refining of condensate, and manufacture of olefins, Union Texas Petroleum operates a network of oil and gas wells, plants and pipelines. It distributes and markets Texgas liquefied petroleum gases (LPG's), natural gas, motor gasoline, propylene and ethylene.

As a leader in the nation's liquefied petroleum gas industry, this Division has pioneered the agricultural use of propane for weed control, tractor and irrigation engine fuel, and residential heating. Its ethane and propane are valuable petrochemical feedstocks for the Company.

The Division carries on its operations at a score of localities--principally in Louisiana and Texas.

* * * * * * * *

The Corporation's Geismar Complex is a new chemical and fertilizer production center located on a 3,300-acre site bordering the Mississippi River at Geismar, Lousiana, about 20 miles south of Baton Rouge. The Company announced plans to construct the complex in 1965. The first group of plants to be completed includes large-scale facilities for ammonia

and urea, as well as nitric, sulfuric and phosphoric acids, ammonium nitrate, diammonium phosphate, and a variety of the Agricultural Division's Arcadian fertilizer solutions. The plant-food products are transported by barge and railway directly to the Company's distribution points.

From Union Texas Petroleum Division's reserves, natural gas fuel and hydrocarbon feedstocks are carried by Company-owned pipeline to the new complex--thus integrating oil and gas operations with chemical and fertilizer production.

Facilities have also been completed at the site for ethylene, an important plastics intermediate, as well as for aluminum fluoride, used in the manufacture of aluminum, and for hydrofluoric acid, which is essential in making aluminum fluoride and other chemicals.

The Company envisions the Geismar Complex as one of its largest and most diversified centers which, in time, will manufacture a number of other products.

* * * * * * * *

Allied Chemical International, headquartered at 40 Rector Street, was formed in 1967 to consolidate two units: the International Division and the corporate International Development Department. The International Division had been organized in 1954 to centralize and coordinate the exports of various divisions which, over the years, had found markets in many foreign lands. In fact, upon the Company's formation in 1920, a few products of the member firms were already being exported--notably, National Aniline's dyestuffs, which had worldwide markets.

The former International Development Department was created in 1966 to manage several foreign manufacturing enterprises that had been initiated by the operating divisions, and to develop other projects overseas.

With branch offices in Belgium, Iran, Malaysia, Hong Kong, Australia, Brazil, Venezuela and Mexico, Allied Chemical International and its distributors market products outside the United States and Canada, among customers in 80 nations. This unit also seeks new manufacturing activities with foreign affiliates and brings suitable projects to fruition, working with divisional staffs on technical matters and coordinating those projects involving products of two or more divisions.

Through more than a dozen joint ventures in other nations, the Company

CONFIDENTIAL

holds substantial interests in the production of basic and specialty chemicals, fertilizers and plastics, at plants in Europe, Latin America and the Far East.

A large new Iranian fertilizer complex, jointly owned with the Government of Iran, will soon be operating on the Persian Gulf--introducing Allied Chemical as a major manufacturer in the Middle East.

* * * * * * * *

Allied Chemical Canada, Ltd. originated in 1950 with the consolidation of five wholly owned Canadian subsidiaries--The Barrett Company, Limited; Brunner Mond Canada, Ltd.; National Aniline & Chemical Company, Limited; The Nichols Chemical Company, Limited; and Semet-Solvay, Ltd. With the exception of Semet-Solvay, Ltd., formed in 1947, all of these firms had been subsidiaries of Allied Chemical's predecessor companies from the early days of Canadian chemical manufacture.

With headquarters in Montreal, Allied Chemical Canada's plants serve the principal industrial areas of that country. Products include soda ash, calcium chloride, sulfuric acid, hydrofluoric acid, aluminum sulfate, Genetron aerosols and refrigerants, chromic acid, toluene diisocyanate, fine chemicals, and CP acids. In addition, Allied Chemical Canada distributes a number of other products made by its parent company in the United States.

* * * * * * * *

CONFIDENTIAL

Chief Executive Officers

Orlando F. Weber	1920-1934
Henry F. Atherton	1934-1946
Fred J. Emmerich	1946-1957
Glen B. Miller	1957-1959
Kerby H. Fisk	1959-1962
Chester M. Brown	1962-1968
John T. Connor	1968-

Registered trademarks of products mentioned: Aclar, Arcadian, B&A, Capran, Caprolan, Genetron, Harmon, Mutual, Plaskon, Poly N, Tenges and Wilputte. Source and Unicast are Allied Chemical trademarks.

CONFIDENTIAL

Since publication of the attached brief history, in 1968, further changes have been made in the company's divisional structure. Fabricated Products Division has been discontinued as a separate unit following the sale of certain product lines and the transfer of plastic films to Fibers Division, and paving materials to Industrial Chemicals Division. Plastics Division has become a part of Specialty Chemicals Division; and in 1970 a new division, Automotive Products, was established to handle production of seat belts and other automotive safety devices.

Allied Chemical Corp.
Morristown, NJ

March 1977

ANDERSON RUSSELL KILL & OLICK, P.C.
666 Third Avenue
New York, New York 10017
(212) 850-0796

LOWENSTEIN, SANDLER, KOHL, FISHER
& BOYLAN
65 Livingston Avenue
Roseland, New Jersey 07068
(201) 997-8700

Attorneys for Plaintiffs
Allied-Signal Inc. and
U.O.P. Inc.

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: MORRIS COUNTY
DOCKET NO. MRS L-226-88
Civil Action

ALLIED-SIGNAL INC., et al.,
Plaintiffs,

vs.

ABEILLE-PAIX REASSURANCES, et al.,
Defendants.

AFFIDAVIT OF THOMAS D. KENT

THOMAS D. KENT, being duly sworn, deposes and says:

1. I am a Staff Vice President and Associate General Counsel for Allied-Signal Inc. ("Allied").

2. I make this affidavit based on my personal knowledge and upon my review of corporate records and discussions with Allied personnel under my direction.

3. In 1920, the Allied Chemical and Dye Corporation was formed through a business combination of five

Exhibit B Exhibit C

of the major chemical companies in the United States at that time:

The Solvay Process Company;
General Chemical Company;
National Aniline & Chemical Company;
Semet-Solvay Company; and
The Barrett Company

4. General Chemical Company was organized in 1899 through the combination of 12 chemical companies at least five of which were New Jersey companiesin the Nineteenth Century. Those five companies were as follows:

Martin Kalbfleish Company
Bayonne, New Jersey

Dundee Chemical Company
Dundee, New Jersey

Passaic Chemical Company
Passaic, New Jersey

Lodi Chemical Company
Lodi, New Jersey

Jas. L. Morgan and Company
Shadyside, New Jersey

5. The Barrett Company was incorporated in New Jersey in 1903. The Barrett Company's original name was American Coal Products Company, until 1916.

6. The Solvay Process Company, General Chemical Company, National Aniline and Chemical Company, Semet-Solvay Company and The Barrett Company operated as separate subsidiaries until the 1940s when they were merged into and became operating divisions of Allied Chemical & Dye Corporation.

Exhibit B Exhibit C

7. In 1954, Allied Chemical & Dye Corporation acquired Mutual Chemical Company of America ("Mutual Chemical").

8. Mutual Chemical was dissolved in 1955 and its assets were transferred to Allied.

9. Mutual Chemical was formed as a New Jersey corporation with its principal place of business in Jersey City in 1908 as a result of the merger of three chromium companies. One of those companies, Mutual Chemical Company of Jersey City was incorporated in New Jersey before 1900.

10. In 1958, Allied Chemical & Dye Corporation changed its name to Allied Chemical Corporation.

11. In 1979, Allied Chemical Corporation acquired Eltra Corporation.

12. Eltra Corporation had been formed in 1963 as a result of the merger of Electric Auto-Lite Company with Mergenthaler Linotype Company. Prior to 1963, Electric Auto-Lite company had acquired Marshalltown Manufacturing Company, Inc. and C&D Battery Corporation.

13. In 1981, Allied Chemical Corporation changed its name to Allied Corporation.

14. In 1981, Allied Corporation acquired Bunker Ramo Corporation and Fisher Scientific Company.

15. In 1983, Allied Corporation acquired Instrumentation Laboratory Inc. and the Bendix Corporation.

Exhibit B Exhibit C

16. Bunker Ramo Corporation and Eltra Corporation merged in 1982 to form Bunker Ramo-Eltra Corporation ("BRE").

17. BRE was merged into Allied Corporation in 1986.

18. The Bendix Corporation operated as a wholly-owned subsidiary of Allied Corporation between 1983 and 1985. In 1985, it was merged into Allied Corporation.

19. In 1984, Allied Corporation acquired Baron-Blakeslee, Inc. Baron-Blakeslee, Inc. was merged into Allied-Signal Inc. in 1987.

20. In 1985, Allied Corporation combined with The Signal Companies, Inc. ("Signal") to form Allied-Signal Inc. Before 1968, Signal was known as Signal Oil and Gas Company.

21. Allied Corporation and Signal remained wholly-owned subsidiaries of Allied-Signal Inc. until merged into Allied-Signal Inc. in 1987.

22. Signal had acquired Garrett Corporation in 1964. Garrett was a wholly-owned subsidiary of Signal until Garrett was merged into Allied-Signal Inc. in 1987.

23. In 1975, Signal had acquired fifty-one percent of the stock of Universal Oil Products Company ("UOP"). Signal acquired the remaining forty-nine percent of

Exhibit B Exhibit C

UOP's stock in 1978. When Signal merged with Allied Corporation in 1985, UOP became a wholly-owned subsidiary of Allied-Signal Inc.

Thomas D. Kent

Sworn to before me this
5th day of August, 1988.

Notary Public

TRUDY LISSY
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES MAY 3, 1992

Exhibit B

Exhibit C

CONFIDENTIAL

Lorraine

For your binder

Organization Sheet

The Barrett Company (8043)@
United States

Former Name: S.E. Barrett Manufacturing Co. (Organized in 1889)
on 01/01/1896 changed to American Coal Products Company
on 01/01/1916 changed to The Barrett Company

Incorporated State: New Jersey
Incorporated Date: 02/06/1903
Reason for Termination: Dissolved
Date of Termination: 12/01/1941

Date Updated: Information taken from a binder entitled "Dissolved Allied Subsidiaries." Author and accuracy unknown.

Entity Transferred To: Assets to Allied

History: In 1920, General Chemical Company, Semet-Solvay Company, The Solvay Process Company, The Barrettt Company and National Aniline & Chemical Company, Inc. were consolidated by stock ownership through Allied Chemical & Dye Corporation.

THE FOLLOWING IS TAKEN FROM A DRAFT (DATE AND AUTHOR UNKNOWN) ENTITLED HISTORY OF THE BARRETT DIVISION, ALLIED CHEMICAL & DYE CORPORATION (FROM 1916 TO 1941 KNOWN AS THE BARRETT COMPANY) (also incomplete)

Long before the end of the nineteenth century the name Barrett was synonymous with coal tar products. Barrett had taken the waste products obtained from producing coke and gas and had transformed them to roofing, pitch and road tar, naphthalene, phenol, ammonia and other chemical products so necessary for use in industry for the needs of mankind. Barrett can truly be called a basic industry built up on what was once waste material.

Origin and Growth of Barrett

Similar to oaks which grow from little acorns, Barrett originated and grew from several small businesses, all of which started many years ago.

Barrett's business really divides itself into three separate sections all interlocked with each other. Taking these three sections separately, we can start with - COAL TAR

Barrett owes its start to Samuel E. Barrett of Chicago who in 1854 first distilled some tar and made some water-proof roof covering. Between this time and 1875 there were many other small plants started around various sections of the country for the same purpose. In 1889 Samuel Barrett organized the S.E. Barrett Manufacturing Company which brought together several of the small related operations in the Middle West. Seven years later the Barrett Manufacturing Company was formed by the merger of the western companies with several other small companies in the East. This gave Barrett Manufacturing facilities both in the Middle Western and Eastern part of the country. The company made steady progress up to the outbreak of the

Organization Sheet

first World War when there was such a substantial increase in the production of by-product tar. As this by-product coke oven tar became available, Barrett introduced large volume continuous distillation methods near source of supply, thereby obtaining the advantages of low cost and other benefits commonly associated with continuous operations. Tar distillation operations are now being conducted at 10 plants throughout the U.S., and four plants in Canada. The "topped" tar and creosote oil are utilized for painting and building materials. Lower boiling distillates are shipped by tank car to Barrett's Frankford plant for processing to numerous coal tar chemicals. Barrett's research activities have at the same time grown and occupy an important role in Barrett's operations. In sharp contrast to early testing methods, illustrated by the example of testing roofing pitch by cooling a sample and chewing it to see if it had attained proper consistency, Barrett chemists have established complete specifications and standard testing methods for tar, pitch and other products.

These are now in general use in company oeprations and in the trade, insuring the maintenance of necessary uniformity and standards of quality. So, at this time you see Barrett supplying huge quantities of roofing and shingles for millions of homes; thousands of miles of road made with Tarvia and road oils, large quantities of the timber preserved with creosote oil, water-proof pitch for buildings and pipe coverings, and many other uses of this valuable product once lost entirely to mankind.

Then we come to CHEMICALS

In 1884 H.W. Jayne Chemical Company was established to manufacture fine chemicals in Philadelphia on the site of Barrett's present Frankford plant. Shortly after Barrett acquired this company and it became the nucleus and part of Barrett's tremendous growth.

For some years after its association with Barrett, the Jayne Chemical plant conducted chemical research, but by 1911 additional facilities became necessary and a Research Department was established in New York and a laboratory set up at Edgewater, NJ. In 1915-1916, new research buildings were constructed at Edgewater and at Frankford (Philadelphia), and the former were augmented again in 1920. For some time, in order to assist in resolving some of the many problems of the rubber industry, Barrett has maintained a special rubber research laboratory at Edgewater, NJ.

In both World War I and World War II the chemical industry in this country was forced to move ahead at a tremendous pace. Barrett kept step with this pace and from a small chemical plant at Frankford, has developed a huge chemical plant at the same location. More recently has developed chemical units at Chicago, IL and Ironton, OH

THE FOLLOWING IS TAKEN FROM A DOCUMENT ENTITLED "SYNOPSIS OF HISTORY OF BARRETT" (DATE AND AUTHOR UNKNOWN)

1. Samuel E. Barrett was born in 1835 - died 1912. He was the first in this country to develop commercial use of coal tar.

Organization Sheet

2. He started a roofing material business in Chicago in 1854, and when he died had become the largest processor of coal tar in the country.

3. Barrett went to Chicago from the East in 1853, at which time Chicago had less than 100,000 population.

4. He began as a manufacturer of roofing felts and muslins, using tar from the local gas works. His equipment consisted of two 30 barrel stills and two hand-driven saturating machines. Stills were used to bring the tar to proper consistency for use as roofing pitch. Testing the melting point was done by chewing it. A good day's output was 3000 lbs. of felt.

5. The Civil War interrupted Barrett's career. He became a Major in the Army.

6. The Chicago fire of 1871 completely destroyed Barrett's plant, but provided a tremendous market for roofing.

7. At the same time that Major Barrett was starting out in Chicago, similar businesses were started in Philadelphia, Pittsburgh, New York, New Orleans, Cleveland, Buffalo and other large cities.

8. In New Orleans, shortly after the Civil War, I.D. Fletcher and his brother, George Fletcher, took over the management of a small roofing manufacture and application company. At that time shells or sand were spread on the surface. The roof was composed of 4 plies of felt and pitch, with "roofing gum" (tar) spread on the surface. This company was one of the earliest sellers of creosote oil in the country.

9. Crude tar had for years been used as wood preservative, especially for protecting ship's hulls - but it wasn't until 1836 that "dead oil" of coal tar, as it was called then, was used as a wood preservative. The first wood preserving plant was constructed in Lowell, Mass. in 1848.

10. In 1872 George Fletcher boiled wooden road-paving blocks in creosote oil, which were laid in New Orleans. Because of the abundance of timber resources, in the United States, the use of creosote as a wood preservative was not common here, though its use had been fairly common in Europe where timber supplies were declining.

11. Another company growing in the roofing material industry was Samuel M. Warren, who used squares of ship sheathing felt saturated with pine tar. Warren's first use of coal tar was merely to soften the pine tar saturant. Warren used gravel to make the pitch and felt roofs lie flat, after finding sand too light in weight.

12. In the East other pioneers began the use of the pitch and felt combination for roofing. In Philadelphia, Michael Ehret, Jr. started a gravel roofing business in 1860, and in 1864 patented "Ehret's Slag Roofing."

13. In 1866 Ehret began distilling coal tar as the demand for heavy tars and pitches grew. Expanded operations required more space, so in 1888 Ehret moved the distillation and storage parts of his business to the site of Barrett's present Gray's Ferry plant in Philadephia.

Organization Sheet

14. In 1896, M. Ehret Jr. & Co. and the Warrens combined operations, contracting for the application of roofing materials.

15. As the dominant roofing material manufacturer in the East, Ehret was the principal competitor of Major Barrett for supremacy in the roofing field.

16. In Pittsburgh the processing of tar from the gas works was started in 1870 by the firm of Slocum, Lloyd & Orr. This firm joined with Barrett in 1899. At this time the main products of Barrett were paving pitch, refined tars, "dead" and light oils, single-ply tarred felt and 2 and 3-play prepared roofing, sold under the trade name, "Black Diamond."

17. In 1896 the organization which today we know as Barrett consisted largely of about a dozen small companies engaged in the production of roofing materials, creosote oil and refined tar.

18. In 1889 Major Barrett organized the S.E. Barrett Manufacturing Co., consolidating a group of 5 other Western producers, including Slocum, Lloyd & Orr. Seven years later - in 1896 - by a further consolidation, and under the name "Barrett Manufacturing Company," he brought together five more companies including the two Ehret concerns in Philadelphia, Fletchers' New Orleans Company, a New York manufacturer or roofing materials and the H.W. Jayne Company, of Philadephia.

19. Dr. H.W. Jayne began manufacture of fine chemicals in 1884 and shortly entered the field of tar distillation. This plant's principal function was the economic disposal of by-products of the manufacture of paving and roofing materials. Some tar acids, crude napthhalene, naphthalene balls (made by hand) and light oil were among the products at the time of the consolidation with Barrett.

20. During the next 14 years a number of other roofing companies were added to the Barrett organization. The oldest of these were the Mica Roofing Company, of Brooklyn, founded in 1850 (with a handwritten question mark), and Warren Chemical Company, founded in 1855. Another was the W.H. Rankin Company, whose plant, built in 1873, was at the site of Barrett's present Elizabeth plant.

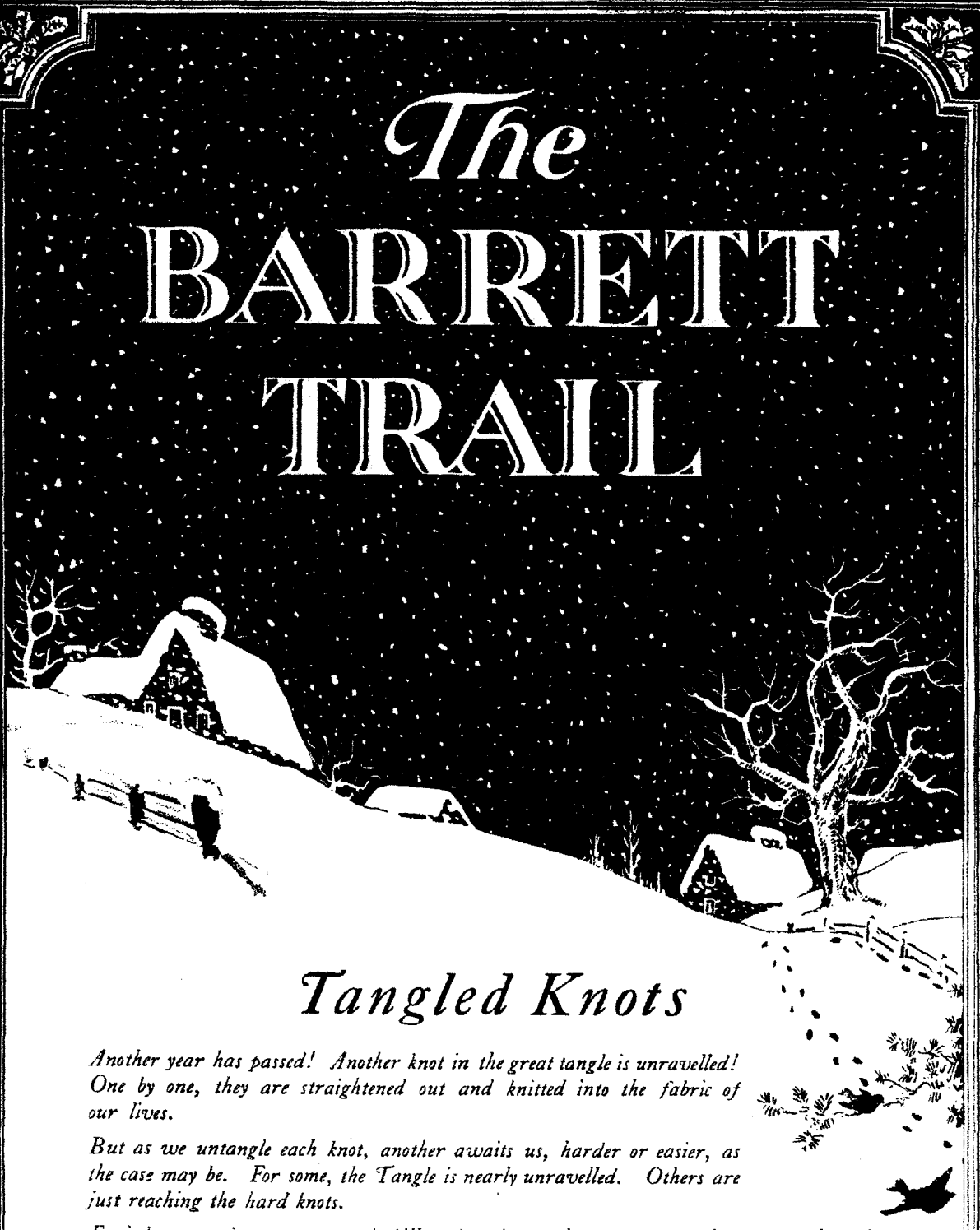
21. Thus, with the opening of the century, Barrett, now a large and extensive organization, was manufacturing an expanding line of products - chemicals, paving materials, pipe line enamels and many others.

22. Barrett changed its name in 1916 to The Barrett Company.

23. In 1921 Barrett became part of Allied Chemical & Dye Corporation.

24. The rest is more or less modern history.

The BARRETT TRAIL



Tangled Knots

Another year has passed! Another knot in the great tangle is unravelled! One by one, they are straightened out and knitted into the fabric of our lives.

But as we untangle each knot, another awaits us, harder or easier, as the case may be. For some, the Tangle is nearly unravelled. Others are just reaching the hard knots.

Each knot requires courage and skill and patience, the new one, perhaps more than the old. Its kinks and snarls demand our best.

Therefore! Give it your best! Know that in mastering it, you make it part of your very self!

JANUARY, 1921
VOL. IV NO. 1

Early Days of the Coal Tar Industry

By W. D. Nelson

Former Superintendent, The Barrett Company, Chicago. Part II—1883-1904

In 1883 we added a saturating machine, giving us five in all. That year, in addition to the tar made in the city, we bought fifteen thousand barrels in the country, which came from fifty-eight towns located in seven different states. This tar was all received in barrels, and, with but few exceptions, we had to furnish the empty barrels, shipping them from Chicago. The fifty thousand barrels of tar produced in the city was also handled in barrels and hauled by teams, two of the gas works being located five miles from the plant. This method of handling tar was pretty expensive as compared with present methods. During this year we bought between two and three million pounds of pitch from the Baltimore Coal Tar Company.

In 1884 we put in our fifth two thousand gallon still, and bought ten thousand barrels of tar in the country.

The year following, we built a storage shed for tarred felt, which had a capacity of 500,000 pounds. This shed was some distance from the saturating room, and the felt was moved by hand trucks.

In 1887 we bought five second-hand tank cars, the first we had used, and found them to be a great saving over barrels for handling tar. That year we received about one hundred and seventy cars of dry felt from James Peters and Company. The sales of tarred felt and board for the year amounted to nearly twenty million pounds.

During the next year we sold for wood block paving nearly two million gallons of paving cement. It was at just about the time, also, that Oil Tar made its first appearance on the market.

In 1889 we received a good many barrels of oil tar, all of which contained a large percentage of water. Not having any tank storage for it, we obtained permission from the Chicago, Milwaukee and St. Paul Railway Company to pile it on some vacant property that they owned near us, with the understanding that we would remove it on short notice any time they needed the room.

Our supplies of oil tar began to accumulate so fast that in 1890 it was found necessary to provide more storage, and during the summer a contract was made with Riter and Conly of Pittsburgh for two iron tanks, one of which had a capacity of seventeen thousand barrels, the other being about twice its size. The latter we used for oil tar. When the present plant was built in 1910-1911, these tanks were cut down and re-erected, and are still in service. Another small still was added that year.

We still found ourselves unable to handle our oil tar which was accumulating at a great rate, so in 1891, six stills, each of ten thousand gallons capacity, were added. Our storage tanks were full and there were several thousand barrels piled on the prairie. This tar contained from 25 to 40 per cent. water, and distilling was naturally a slow operation. During this year we also added a one-story brick building for the storage of tarred felt. Its capacity was about a million and a half pounds and provided the first good storage for felt we had up to that time.

The next year, 1892, was a very good one for our business. The Columbian Exposition buildings and grounds were under construction and we supplied a large proportion of the roofing and paving mate-

rials. The sales of tarred felt and straw board for the year were over twenty-four million pounds, and the pitch sales, I think, were the largest we had had up to that time.

This was also the year of the Joe Leiter-Armour wheat "corner." On a certain Friday evening in May, we were notified by the C. M. & S. P. R. R. Company that the Armour Grain Company intended to erect a three million bushel elevator on the railroad company's property and would have two hundred men at work there the following Monday morning. We had several thousand barrels of oil tar piled up on the area in question and just two days in which to move it. Therefore, instead of starting up the plant Saturday morning, we put every man and team on the job, and by working almost continuously, every barrel was removed and the ground clear.

At seven o'clock Monday morning, Mr. Philip D. Armour arrived with two or three hundred men and the dirt began to fly. In just one week the foundation was in and from then on, twenty-two hundred men, working in two shifts of eleven hundred each, finished the job in record time. In four weeks from the time the first shovelful of earth was taken up, the elevator was finished and receiving wheat. I learned afterward that the rapidity with which this elevator was constructed had much to do with the breaking of the wheat corner which cost Mr. L. Z. Leiter (Joe's father) several millions of dollars.

Shortly afterward, our first 2- and 3-ply machine was installed.

On May 11, 1896, occurred the consolidation which brought together, under the name of The Barrett Manufacturing Company, most of the principal coal tar concerns of the United States. The western companies previously had been consolidated in 1889, under the firm name of the S. E. Barrett Manufacturing Company, which included the Samuel E. Barrett Company of Chicago, The Forest City Chemical Company, with branches in Cleveland, Columbus and Cincinnati; The St. Louis Coal Tar Company, The Ehret-Warren Manufacturing Company, located in St. Louis, Kansas City and Chicago; Charles H. Conner and Company of Louisville; Slocum, Lloyd and Orr, of Pittsburgh, and The Beloit Paper Mill. Of these, the first named was the oldest. Samuel E. Barrett entered a partnership with Messrs. Arnold and Powell in 1858, so that the business was thirty-one years old at the time it entered the new organization in 1889. Of the others, the Forest City Chemical Company was probably the most important. Mr. A. T. Perry, who came out of the East to build up a large and profitable business in the eastern central states, located his first plant in Cleveland and later placed others in Columbus and Cincinnati.

The St. Louis Coal Tar and Ehret-Warren Companies were combined in 1887 to form the St. Louis branch of The S. E. Barrett Manufacturing Company with Porter S. Marquis, who had been actively interested in their affairs, as manager. Mr. Marquis continued in that capacity until his death in 1912. Slocum, Lloyd and Orr began business in Pittsburgh about 1870 and laid the foundation from which has grown the present Pittsburgh office of the Company.

The eastern companies comprised, among others, M. Ehret, Jr., and Co., The Warren Ehret Co., and the H. W. Jayne Company, all of Philadelphia; the New York Coal Tar Chemical Company of New York and the I. D. Fletcher Company of New Orleans. The oldest among these was M. Ehret, Jr., and Co., which was founded by Messrs. George Elkins, George Weidner and Michael Ehret, Jr. The Company, at various times had branches in New York,

Buffalo, Baltimore, Scranton, Reading, Pittsburgh, Charlotte, Columbus, O., Chicago, St. Louis and Cincinnati. The New York Coal Tar Chemical Company had its beginning in a concern which started in 1861 with offices in Boston and New York, George S. Page and Company. In 1863, Mr. E. H. Kidder, who at present is one of our directors, joined the firm, and two years later Mr. I. D. Fletcher, late Chairman of the Board of Directors, entered into the partnership. The H. W. Jayne Chemical Company, which grew from the business started by H. W. Jayne in Frankford in 1884, now forms the Chemical Department of the Company.

It was on May 17th of this year, I believe, that our trade-mark, the "Black Diamond," was adopted, and in the nineteen years which have elapsed, it has become one of the best known in the country.

In 1899, the Mica Roofing Company, with offices in Chicago, Indianapolis and Brooklyn, entered the organization. This marked the entrance into the affairs of the Company of two men, Messrs. Eversley and William Hamlin Childs, who, ever since, have exercised a dominant influence upon the entire industry. The Mica Roofing Company grew from the business started by Mr. W. H. H. Childs, father of the retired Chairman of our Board of Directors, in Connecticut.

In about the year 1900, the Union Coal Tar and Chemical Company was organized by The Peoples Gas Light and Coke Company, with whom we had previously had our most important contract. This was due to the fact that for some reason our Company failed to renew the contract, and it became necessary for the Gas Company to provide means for disposing of their tar. They built a plant near to their works and ran the business for about two years, but were unable to produce goods of the quality to which the roofers and jobbers had been accustomed. On January 1, 1902, therefore, we took over their plant and entered into a new contract for their tar.

During the winter months of 1902-'03 we built a scow of ten thousand gallons capacity, for moving tar from the different stations of the Peoples Gas Light and Coke Company to our plant via the Chicago river. It proved to be much more economical than tank cars, and was more satisfactory in every way. This scow is still in service although a new and larger one was built in the summer of 1918. The same tug we used at that time is also still in service. It was often used as an excursion boat on Sundays and holidays as it was equipped with awnings and seats and could carry quite a number of passengers very comfortably.

One Sunday, during the summer of 1903, I chartered the boat and took many of the men and their families for an excursion down the Drainage Canal going as far as Lockport, a distance of about twenty-five operating miles, where a short time was pleasantly spent visiting the machinery of the canal. We took our luncheon and had a regular picnic in the woods. Everyone seemed to enjoy the outing, especially the children, some of whom had never been in the country before. I never spent money for anything that gave me more pleasure, and two years later it was repeated, this time going down the canal as far as Willow Springs. The Desplaines River at this point is quite near the canal, and is a beautiful stream with fine woods on either side. This trip was also greatly enjoyed.

(To be concluded)

The Barrett Company

(New Jersey)

ANNUAL REPORT

December 31, 1918

April 7th, 1919.

TO THE STOCKHOLDERS OF

THE BARRETT COMPANY (N. J.):

The Directors of The Barrett Company, (N. J.), herewith submit, for the information of the Stockholders, the following financial statements covering the fiscal year ended December 31, 1918.

The increase in the costs of materials and labor, referred to in our circular letter of April 1, 1918, continued during 1918; and, in common with other industries, the Company suffered a diminution of sales and earnings during the last two months of the year. Notwithstanding these handicaps, however, the net earnings of the Company, before reserves were set up to cover adjustments of inventories and of income and excess profit taxes, were the largest in the history of the Company. After providing sufficient reserves to cover depreciation, amortization, and for the increased amount of Income and Excess Profit Taxes, the net result shows $20.82 per share upon the Common Capital Stock outstanding on January 1, 1919, which result we trust will be considered by our stockholders to be a satisfactory one.

The Barrett Company and all of its subsidiaries and departments have continued the policy adopted at the beginning of the war of complete co-operation with the Federal Government to the fullest extent, and have continued this policy by the offer of re-employment to all of the 700 men who entered the Service.

In December, 1918, the Directors declared an extra dividend on the Common Stock of one per cent., making the rate of the dividend for the year 1918 eight per cent. In March of this year they declared a quarterly dividend of two per cent., which rate they expect to be able to continue under normal conditions.

The present financial condition of The Barrett Company and of all its subsidiary companies and departments is an eminently satisfactory one, and the business outlook for the future is as promising as can be expected in view of the general unsettled state of the country.

WILLIAM HAMLIN CHILDS,
President.

DIRECTORS

Eversley Childs,	New York	Isaac B. Johnson,	New York
Wm. Hamlin Childs,	New York	Edward H. Kidder,	New York
H. W. Croft,	Pittsburgh	W. N. McIlravy,	New York
Ralph Esau,	Chicago	R. P. Perry,	Montclair, N. J.
A. W. Erickson,	New York	D. T. Perry,	Cleveland
F. B Foster,	Philadelphia	T. M. Rianhard,	New York
J. H. Fulton,	New York	J. C. Runkle,	Boston
Wm. S. Gray,	New York	Powell Stackhouse,	Philadelphia
H. H. S. Handy,	Syracuse	Hamilton Stewart,	Pittsburgh
Alex. C. Humphreys,	Morristown, N J.	J. Henry Staats,	New York
		H. D. Walbridge,	New York

OFFICERS

Eversley Childs,	Chairman
William Hamlin Childs,	President
T. M. Rianhard,	Vice-President
W. N. McIlravy,	Vice-President
John C. Runkle,	Vice-President
Ray P. Perry,	Vice-President
E. J. Steer,	Secretary and Treasurer
F. M. Stearns,	Asst. Sec. & Asst. Treas.

The Barrett Company (N. J.) and Subsidiary Companies

CONSOLIDATED INCOME ACCOUNT

For Year Ended December 31, 1918.

		*Increase †Decrease
NET SALES TO CUSTOMERS	$41,339,664.83	*$7,042,294.19
Cost of Goods Sold	32,211,839.03	* 5,038,748.51
GROSS PROFIT FROM SALES	9,127,825.80	* 2,003,545.68
Other Income	2,022,475.56	† 89,115.24
GROSS INCOME FROM ALL SOURCES.	11,150,301.36	* 1,914,430.44
EXPENSES AND LOSSES:		
Administrative, General and Selling Expenses	4,647,234.58	† 158,194.05
Miscellaneous Charges and Losses	713,505.68	* 376,307.46
Reserved for Federal Taxes	2,000,000.00	* 1,580,000.00
TOTAL EXPENSES AND LOSSES	7,360,740.26	* 1,798,113.41
NET INCOME FROM ALL SOURCES	3,789,561.10	* 116,317.03
Deduct: Bond Interest	132,500.00	† 900.00
Other Interest	42,807.63	† 35,647.96
Total Interest	175,307.63	† 36,547.96
NET NORMAL PROFIT	3,614,253.47	* 152,864.99
Adjustment of Security Valuations	335,726.24	* 67,671.24
NET FINAL PROFIT	3,949,979.71	* 220,536.23
Proportion Applicable to Minority Interests	2,196.17	* 1,054.40
NET FINAL PROFIT APPLICABLE TO THE BARRETT COMPANY	3,947,783.54	* 219,481.83
Dividends on Preferred Stock 7%	545,122.10	* 119,856.66
APPLICABLE TO COMMON STOCK	3,402,661.44	* 99,625.17
Dividends on Common Stock, 8%	1,306,912.00	* 272,369.75
BALANCE TO SURPLUS	$ 2,095,749.44	†$ 172,744.58

The Barrett Company (N. J.) and Subsidiary Companies

COMPARATIVE, CONSOLIDATED BALANCE SHEETS

As at December 31, 1918 and December 31, 1917

ASSETS

	Dec. 31, 1918	Dec. 31, 1917	*Increase †Decrease
CURRENT ASSETS:			
Cash and Cash Items	$2,878,325.65	$1,647,032.80	*$1,231,292.85
Marketable Securities	2,669,173.52	1,150,991.64	* 1,518,181.88
Notes and Accounts Receivable	13,618,873.71	11,959,363.08	* 1,659,510.63
Inventories	10,348,782.02	6,629,126.94	* 3,719,655.08
TOTAL CURRENT ASSETS.	29,515,154.90	21,386,514.46	* 8,128,640.44
INVESTMENTS IN OTHER COMPANIES	3,140,476.83	2,895,101.01	* 245,375.82
PLANTS AND EQUIPMENT	18,155,923.89	16,864,028.26	* 1,291,895.63
FURNITURE AND FIXTURES	288,317.78	235,330.15	* 52,987.63
CONTRACTS AND GOODWILL	3,416,013.81	3,416,013.81	.....
PREPAID CHARGES	185,071.18	105,585.37	* 79,485.81
DEFERRED CHARGES	145,946.97	73,812.28	* 72,134.69
	$54,846,905.36	$44,976,385.34	*$9,870,520.02

LIABILITIES

	Dec. 31, 1918	Dec. 31, 1917	*Increase †Decrease
CURRENT LIABILITIES:			
Notes Payable	$1,590,000.00	$154,504.00	*$1,435,496.00
Accounts Payable	9,862,442.69	7,286,735.71	* 2,575,706.98
Accrued Dividends	563,192.92	389,202.32	* 173,990.60
Miscellaneous Reserves	861,020.93	269,632.99	* 591,387.94
Reserve for Estimated Federal Taxes, 1918	2,000,000.00	420,000.00	* 1,580,000.00
TOTAL CURRENT LIABILITIES	14,876,656.54	8,520,075.02	* 6,356,581.52
RESERVES FOR DEPRECIATION, ETC.	4,207,470.98	2,846,363.86	* 1,461,107.12
BONDS OF SUBSIDIARY COMPANIES	2,610,000.00	2,625,000.00	† 15,000.00
MINORITY INTERESTS	7,836.97	9,370.80	† 1,533.83
CAPITAL STOCK:			
Preferred (Auth. $12,500,000)	7,811,400.00	7,811,400.00	.....
Common (Auth. $25,000,000)	16,343,100.00	16,343,100.00	.....
DEFERRED INCOME	.....	26,384.23	† 26,384.23
SURPLUS	8,890,440.87	6,794,691.43	* 2,095,749.44
	$54,846,905.36	$44,976,385.34	*$9,870,520.02

PRINCIPAL BARRETT PRODUCTS

ROOFING

Barrett Specification Roofs—For flat roofs on permanent buildings.

Tarred Felt and Coal Tar Pitch—For gravel or slag roofs.

Everlastic "Rubber" Roofing; Everlastic Slate Surfaced Roofing; Everlastic Slate Surfaced Shingles—For buildings of almost every description.

Everlastic Fiber-Coating—For coating prepared roofing.

Elastigum—For repairing roofs, flashings, etc.

Roof Outlets and Roof Flashings.

ROADS AND PAVEMENTS

Tarvia—For construction, repair and maintenance.

Tarvia Mastic Filler; Pitch Filler—For filling joints and waterproofing all types of block pavements.

WOOD PRESERVATION

Creosote Oil—For treating lumber in cylinders, under pressure.

Carbosota Liquid Creosote Oil—For brush, spraying, dipping and all non-pressure treatments.

FLOOR COVERINGS

Congoleum—Felt Base Printed Floor Covering in Art Rugs, Art Carpets and by the yard.

COAL TAR PITCH

For Roofing, Waterproofing, Paving, Fiber Conduits, Insulating Compounds, Electrodes, Foundry Cores and Facings, Clay Pigeons, Briquets and Pulverized Fuel.

PRINCIPAL BARRETT PRODUCTS—Cont.

MISCELLANEOUS PRODUCTS

Flotation Oils—For recovery of copper and other metals.

Lamp Black Oil—For making lamp black.

Everjet Paint (Black)—For general utility purposes.

Eternium Paint (Black)—For structural steel and for resisting acids and alkalis.

Pitch Coke—For special metallurgical uses.

Creonoid—Cow spray and lice destroyer.

CHEMICAL DEPARTMENT PRODUCTS

For DYESTUFF MANUFACTURERS

Benzol, Toluol, Xylol, Naphthalin, Phenol, Anthracin, Carbazol, Alpha—Naphthylamin

For MANUFACTURING CHEMISTS

Carbolic Acid, Cresylic Acid, Resorcin

For PAINT and RUBBER SPECIALTY MANUFACTURERS

Benzols, Toluols, Coal Tar Naphthas, Crude Carbolic Acids

MISCELLANEOUS

Motor Benzol, Disinfectants, Paracumarone Resins, Shingle Stain Oils, Pyridin, Phenanthrin, Nitro Naphthalin

SALES AGENTS FOR BY-PRODUCT COKE OVEN PRODUCTS

Commercial Sulphate of Ammonia—The principal source of nitrogen in commercial fertilizers.

Arcadian Sulphate of Ammonia—For top dressing and garden use.

Benzol, Toluol, Xylol and Solvent Naphthas.

SALES OFFICES

Atlanta	Cleveland	Minneapolis	Richmond
Bangor	Columbus	Nashville	St. Louis
Birmingham	Dallas	New Orleans	Salt Lake City
Boston	Detroit	New York	Seattle
Buffalo	Duluth	Philadelphia	Toledo
Chicago	Kansas City	Pittsburgh	Washington
Cincinnati	Milwaukee	Peoria	Youngstown

MANUFACTURING POINTS

Bethlehem	Columbus	Latrobe	Peoria
Birmingham	Detroit	Lebanon	St. Louis
Boston	Duluth	Marcus Hook	Salt Lake City
Brooklyn	East St. Louis	Milwaukee	Seattle
Chicago	Edgewater	Minneapolis	Toledo
Cincinnati	Elizabeth	New Orleans	Washington
Cleveland	Frankford	Philadelphia	Youngstown
	Johnstown	Pittsburgh	

THE BARRETT CO. LIMITED

Montreal	Toronto	Winnipeg	Vancouver
St. John	Halifax	Sydney	

The Barrett Company

(New Jersey)

ANNUAL REPORT

December 31, 1919

March 8th, 1920.

TO THE STOCKHOLDERS OF

THE BARRETT COMPANY (N. J.):

The Directors of The Barrett Company herewith submit for the information of the stockholders the following financial statement covering the fiscal year ending December 31st, 1919.

The winter and spring of 1919 were exceptionally dull and disappointing seasons owing to the general readjustment of the business from a war to a peace basis, as stated to you in my letter of July 22nd, 1919. The first six months of the year, instead of showing a normal profit, showed a slight loss, so that the net profit made for the year 1919 was all made between July 1st and December 31st.

Under these circumstances the stockholders are to be congratulated that the total earnings of the year show a net final profit available for dividends of $2,232,012.82, or the equivalent of 7% on the preferred stock issued and 10.25 per cent. upon the common stock.

The earnings for January, 1920, were the largest of any January in the history of the Company, and together with a large number of unfilled orders on our books and innumerable inquiries for our goods, indicate an earning for the year 1920 that will be very satisfactory.

During the year 1919 the Directors declared dividends on the common stock at the rate of 2% per quarter, and in March, 1920, were warranted in continuing this rate upon the common stock.

Owing to the impossibility of securing sufficient office space in the next few years, this Company, in conjunction with one or two others, has decided to build a sixteen-story office building on the corner of Rector and West Streets, N. Y. City. We do not anticipate that this building will require any large amount of cash capital to be taken from the assets of the Company and the amount necessary will be provided for through the sale of investment securities now in our Treasury. This arrangement will net the Company a very material saving over a term of ten years, and it will also give the necessary and proper quarters for a company of its standing.

WILLIAM HAMLIN CHILDS,
President.

DIRECTORS

Eversley Childs,	New York	Edward H. Kidder,	New York
Wm. Hamlin Childs,	New York	Wm. N. McIlravy,	New York
H. W. Croft,	Pittsburgh	Ray P. Perry,	Montclair, N. J.
Ralph Esau,	Chicago	D. T. Perry,	Cleveland
A. W. Erickson.	New York	Thos. M. Rianhard,	New York
J. H. Fulton,	New York	John C. Runkle,	Boston
Wm. S. Gray,	New York	Powell Stackhouse,	Philadelphia
H. H. S. Handy,	Syracuse	Hamilton Stewart,	Pittsburgh
Alex. C. Humphreys,	Morristown, N. J.	J. Henry Staats,	New York
		H. D. Walbridge,	New York
Isaac B. Johnson,	New York	H. S. Wilkinson,	Syracuse

OFFICERS

Eversley Childs,	Chairman
William Hamlin Childs,	President
Thos. M. Rianhard,	Vice-President
Wm. N. McIlravy,	Vice-President
John C. Runkle,	Vice-President
Ray P. Perry,	Vice-President
E. J. Steer,	Secretary and Treasurer
F. M. Stearns,	Asst. Sec. & Asst. Treas.
Clark McKercher,	General Counsel

The Barrett Company (N. J.) and Subsidiary Companies

CONSOLIDATED INCOME ACCOUNT

For Year Ended December 31, 1919

		*Increase †Decrease
NET SALES TO CUSTOMERS	$32,235,947.20	†$9,103,717.63
Cost of Goods Sold	27,058,981.11	† 5,152,857.92
GROSS PROFIT FROM SALES	5,176,966.09	† 3,950,859.71
Other Income	2,353,814.16	* 331,338.60
GROSS INCOME FROM ALL SOURCES	7,530,780.25	† 3,619,521.11
EXPENSES AND LOSSES:		
Administrative, General and Selling Expenses	4,837,114.12	* 189,879.64
Miscellaneous Charges and Losses	312,972.19	† 400,533.49
Reserved for Federal Taxes	157,908.59	† 1,842,091.41
TOTAL EXPENSES AND LOSSES	5,307,994.90	† 2,052,745.36
NET INCOME FROM ALL SOURCES	2,222,785.35	† 1,566,775.75
Deduct: Bond Interest	123,154.64	† 9,345.36
Other Interest	98,878.91	* 56,071.28
Total Interest	222,033.55	* 46,725.92
NET NORMAL PROFIT FOR PERIOD	2,000,751.80	† 1,613,501.67
Adjustment of Security Valuations	152,222.62	† 183,503.62
NET FINAL PROFIT FOR PERIOD	2,152,974.42	† 1,797,005.29
Items applicable to Former Period and Other Surplus Adjustments	80,013.97	* 80,013.97
NET SURPLUS FOR PERIOD	2,232,988.39	† 1,716,991.32
Proportion Applicable to Minority Interests	975.57	† 1,220.60
NET SURPLUS APPLICABLE TO THE BARRETT COMPANY	2,232,012.82	† 1,715,770.72
Dividends:		
Preferred Stock....7% $ 546,655.37		
Common Stock.....8% 1,309,164.00	1,855,819.37	* 3,785.27
BALANCE TO SURPLUS	$ 376,193.45	†$1,719,555.99

The Barrett Company (N. J.) and Subsidiary Companies

COMPARATIVE, CONSOLIDATED BALANCE SHEETS

As at December 31, 1919 and December 31, 1918

ASSETS

	Dec. 31, 1919	Dec. 31, 1918	*Increase †Decrease
CURRENT ASSETS:			
Cash and Cash Items	$2,234,677.06	$2,878,325.65	†$ 643,648.59
Marketable Securities	3,226,183.77	2,669,173.52	* 557,010.25
Notes and Accounts Receivable	8,961,735.47	13,618,873.71	† 4,657,138.24
Inventories	7,295,841.33	10,348,782.02	† 3,052,940.69
TOTAL CURRENT ASSETS	21,718,437.63	29,515,154.90	† 7,796,717.27
INVESTMENTS IN OTHER COMPANIES	4,243,673.83	3,140,476.83	* 1,103,197.00
PLANTS AND EQUIPMENT	17,822,186.48	18,155,923.89	† 333,737.41
FURNITURE AND FIXTURES	300,365.71	288,317.78	* 12,047.93
CONTRACTS AND GOODWILL	3,415,150.19	3,416,013.81	† 863.62
PREPAID CHARGES	129,514.67	185,071.18	† 55,556.51
DEFERRED CHARGES	97,708.09	145,946.97	† 48,238.88
	$47,727,036.60	$54,846,905.36	†$7,119,868.76

LIABILITIES

	Dec. 31, 1919	Dec. 31, 1918	*Increase †Decrease
CURRENT LIABILITIES:			
Notes Payable	$ 400,000.00	$1,590,000.00	†$1,190,000.00
Accounts Payable	6,213,053.57	9,862,442.69	† 3,649,389.12
Accrued Dividends	113,888.54	563,192.92	† 449,304.38
Miscellaneous Reserves	759,806.71	861,020.93	† 101,214.22
Reserve for Estimated Federal Taxes	157,908.59	2,000,000.00	† 1,842,091.41
TOTAL CURRENT LIABILITIES	7,644,657.41	14,876,656.54	† 7,231,999.13
RESERVES FOR DEPRECIATION	4,706,640.92	4,307,470.98	* 399,169.94
BONDS OF SUBSIDIARY COMPANIES	2,595,000.00	2,610,000.00	† 15,000.00
Less: Bonds in Treasury	749,000.00	.....	* 749,000.00
TOTAL BONDS OUTSTANDING	1,846,000.00	2,610,000.00	† 764,000.00
MINORITY INTERESTS	8,603.95	7,836.97	* 766.98
CAPITAL STOCK:			
Preferred (Auth. $12,500,000.00)	7,811,400.00	7,811,400.00	.....
Common (Auth. $25,000,000.00)	16,443,100.00	16,343,100.00	* 100,000.00
SURPLUS	9,266,634.32	8,890,440.87	* 376,193.45
	$47,727,036.60	$54,846,905.36	†$7,119,868.76

PRINCIPAL BARRETT PRODUCTS

ROOFING

Barrett Specification Roofs—For flat roofs on permanent buildings.

Tarred Felt and Coal Tar Pitch—For gravel or slag roofs.

Everlastic "Rubber" Roofing; Everlastic Slate Surfaced Roofing; Everlastic Slate Surfaced Shingles—For buildings of almost every description.

Everlastic Fiber-Coating—For coating prepared roofing.

Elastigum—For repairing roofs, flashings, etc.

Roof Outlets and Roof Flashings.

ROADS AND PAVEMENTS

Tarvia—For construction, repair and maintenance.

Tarvia Mastic Filler; Pitch Filler—For filling joints and waterproofing all types of block pavements.

WOOD PRESERVATION

Creosote Oil—For treating lumber in cylinders, under pressure.

Carbosota Liquid Creosote Oil—For brush, spraying, dipping and all non-pressure treatments.

COAL TAR PITCH

For Roofing, Waterproofing, Paving, Fiber Conduits, Insulating Compounds, Electrodes, Foundry Cores and Facings, Clay Pigeons, Briquets and Pulverized Fuel.

PRINCIPAL BARRETT PRODUCTS—Cont.

MISCELLANEOUS PRODUCTS

Flotation Oils—For recovery of copper and other metals.

Lamp Black Oil—For making lamp black.

Everjet Paint (Black)—For general utility purposes.

Eternium Paint (Black)—For structural steel and for resisting acids and alkalis.

Pitch Coke—For special metallurgical uses.

Creonoid—Cow spray and lice destroyer.

CHEMICAL DEPARTMENT PRODUCTS

For DYESTUFF MANUFACTURERS

Benzol, Toluol, Xylol, Naphthalene, Phenol, Anthracene, Carbazole, Alpha—Naphthylamine.

For MANUFACTURING CHEMISTS

Carbolic Acid, Cresylic Acid.

For PAINT and RUBBER SPECIALTY MANUFACTURERS

Benbols, Toluols, Coal Tar Naphthas, Crude Carbolic Acids

MISCELLANEOUS

Motor Benzol, Disinfectants, Paracoumarone Resins, Shingle Stain Oils, Pyridine, Phenanthrene, Nitro Naphthalene

SALES AGENTS FOR BY-PRODUCT COKE OVEN PRODUCTS

Commercial Sulphate of Ammonia—The principal source of nitrogen in commercial fertilizers.

Arcadian Sulphate of Ammonia—For top dressing and garden use.

Benzol, Toluol, Xylol and Solvent Naphthas.

[redacted]

SALES OFFICES

Atlanta	Cleveland	Minneapolis	Richmond
Bangor	Columbus	Nashville	St. Louis
Birmingham	Dallas	New Orleans	Salt Lake City
Boston	Detroit	New York	Seattle
Buffalo	Duluth	Philadelphia	Syracuse
Chicago	Houston	Pittsburgh	Toledo
Cincinnati	Kansas City	Peoria	Washington
	Milwaukee		Youngstown

MANUFACTURING POINTS

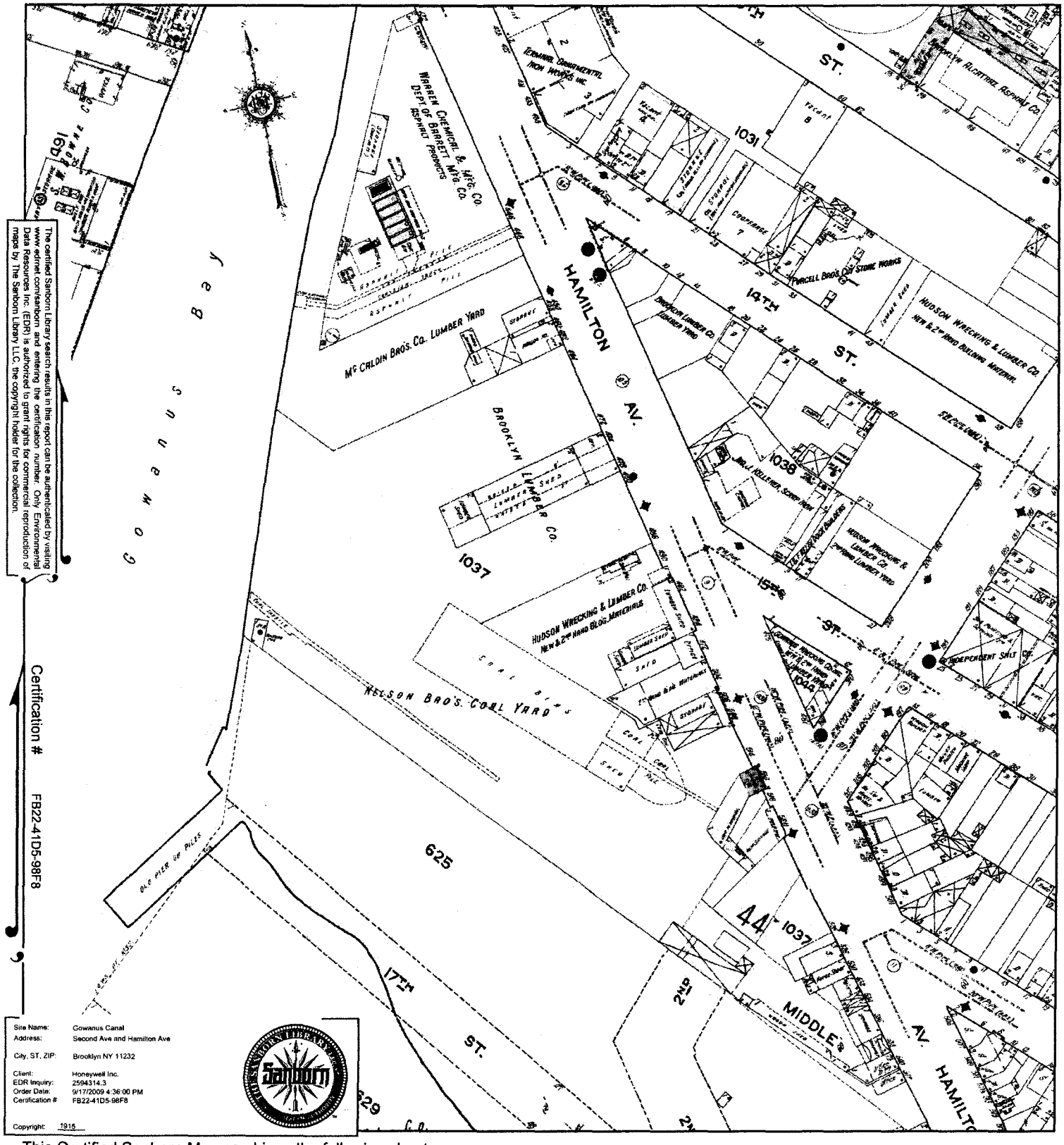
Bethlehem	Columbus	Latrobe	Peoria
Birmingham	Detroit	Lebanon	St. Louis
Boston	Duluth	Milwaukee	Salt Lake City
Brooklyn	East St. Louis	Minneapolis	Seattle
Chicago	Edgewater	New Orleans	Toledo
Cincinnati	Elizabeth	Philadelphia	Washington
Cleveland	Frankford	Pittsburgh	Youngstown
	Johnstown		

THE BARRETT CO. LIMITED

Montreal	Toronto	Winnipeg	Vancouver
St. John	Halifax	Sydney	

Adobe InDesign Tab
INNER
MARGIN

1915 Certified Sanborn Map



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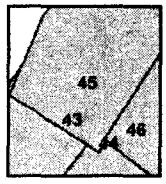
Certification # FB22-41D5-98F8

Site Name:	Gowanus Canal
Address:	Second Ave and Hamilton Ave
City, ST, ZIP:	Brooklyn NY 11232
Client:	Honeywell Inc.
EDR Inquiry:	2594314.3
Order Date:	9/17/2009 4:36:00 PM
Certification #	FB22-41D5-98F8
Copyright:	1915

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



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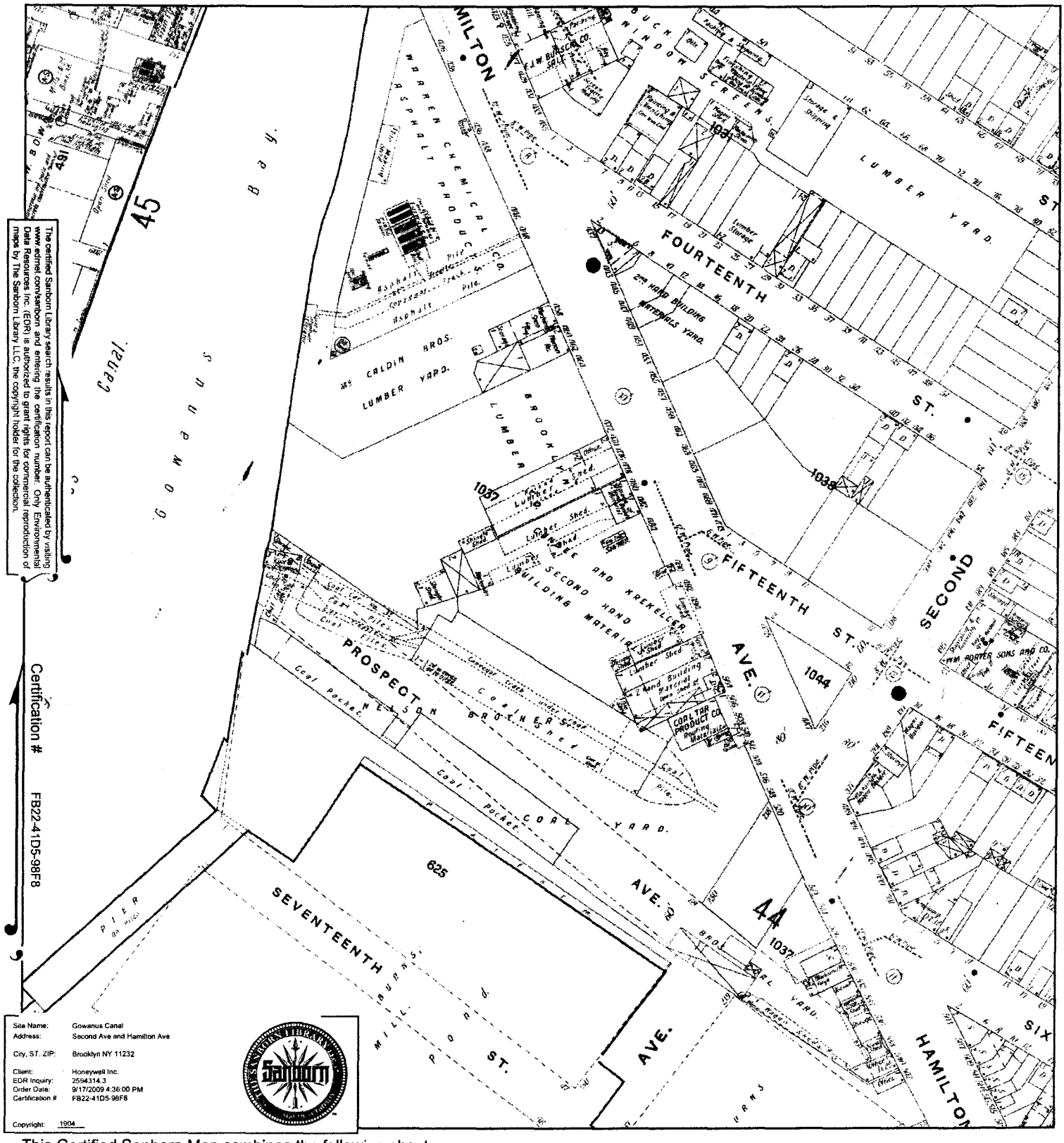
Volume 1, Sheet 44
Volume 1, Sheet 45
Volume 1, Sheet 46

0 Feet 150 300 600

N

1904 Certified Sanborn Map



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Certification # FB22-41D5-98F8

Site Name: Gowanus Canal
Address: Second Ave and Hamilton Ave
City, ST, ZIP: Brooklyn NY 11232

Client: Honeywell Inc.
EDR Inquiry: 2594314.3
Order Date: 9/17/2009 4:36:00 PM
Certification #: FB22-41D5-98F8

Copyright: 1904

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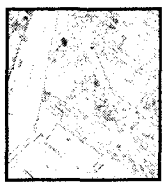
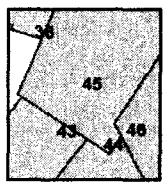


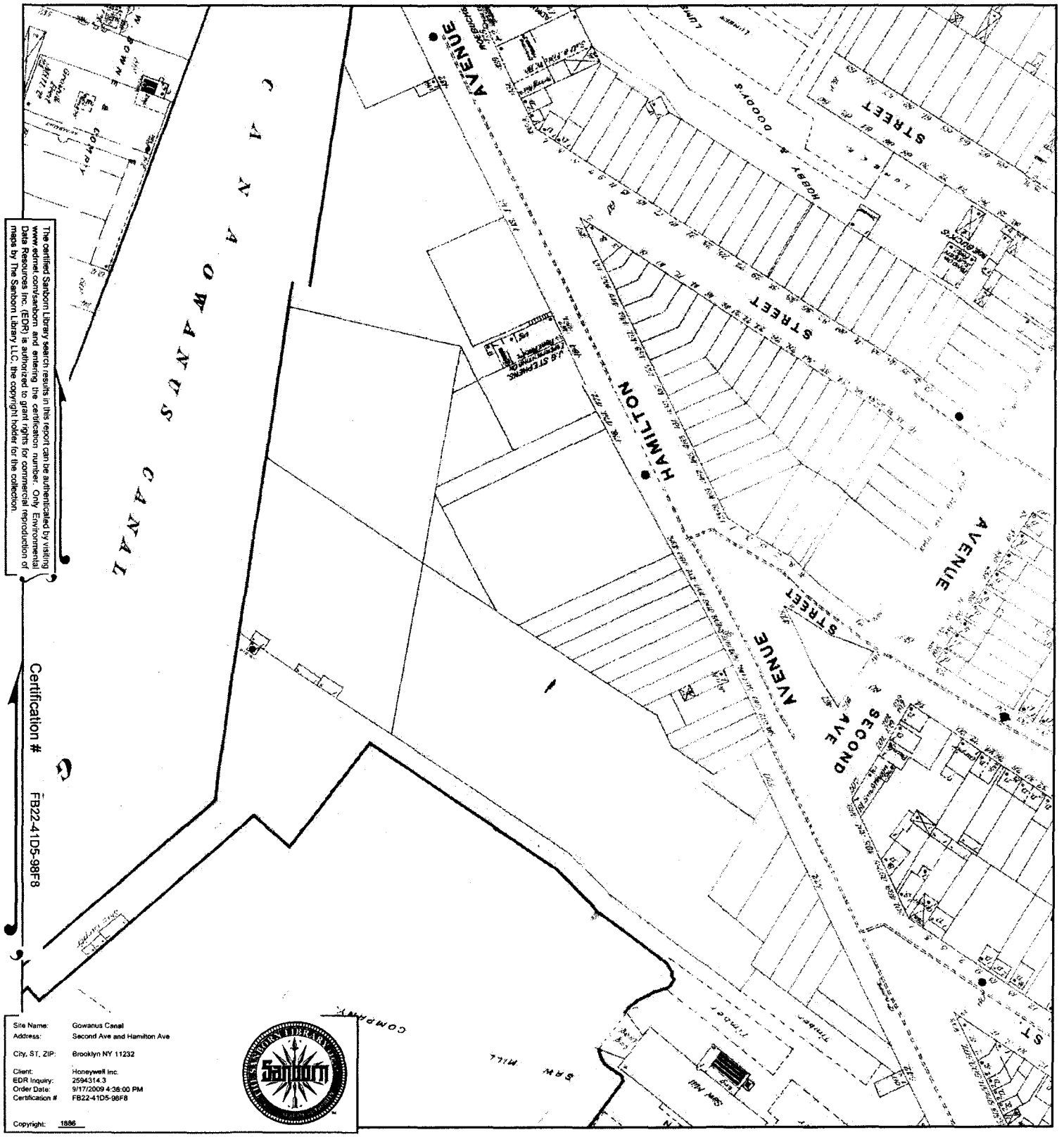


Volume 1, Sheet 36
Volume 1, Sheet 43
Volume 1, Sheet 44
Volume 1, Sheet 45
Volume 1, Sheet 46

0 Feet 150 300 600

N

1886 Certified Sanborn Map



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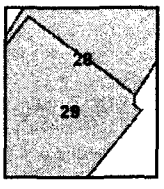
Certification # FB22-41D5-98F8

Site Name: Gowanus Canal
Address: Second Ave and Hamilton Ave
City, ST, ZIP: Brooklyn NY 11232

Client: Honeywell Inc.
EDR Inquiry: 2594314.3
Order Date: 9/17/2009 4:36:00 PM
Certification #: FB22-41D5-98F8

Copyright: 1886

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

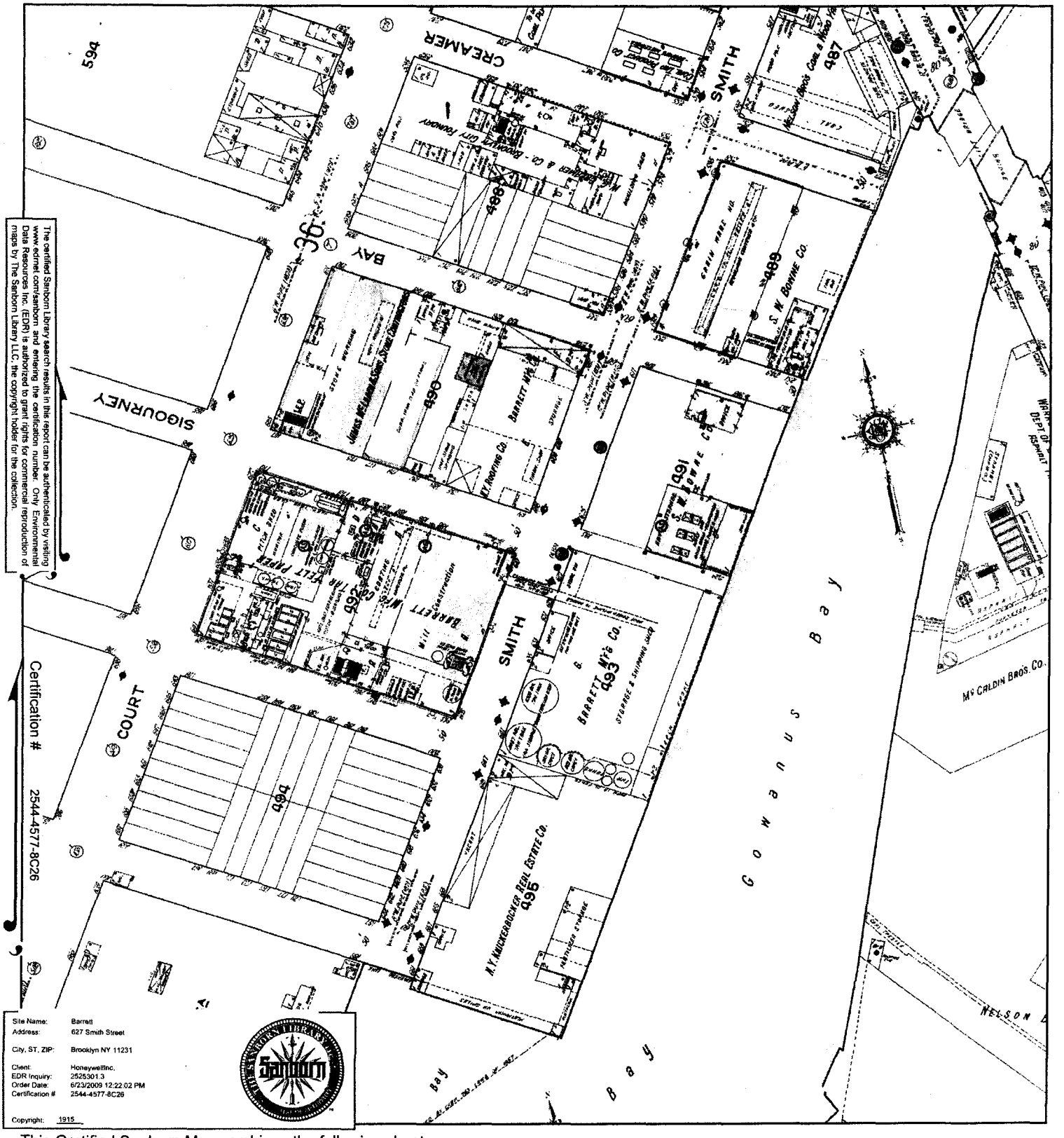


Volume 1, Sheet 28
Volume 1, Sheet 29

0 Feet 150 300 600

N

1915 Certified Sanborn Map



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Site Name:	Barrett
Address:	627 Smith Street
City, ST, ZIP:	Brooklyn NY 11231
Client:	Honeywellinc.
EDR Inquiry:	2525301.3
Order Date:	6/23/2009 12:22:02 PM
Certification #	2544-4577-8C26
Copyright:	1915

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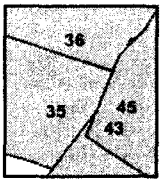

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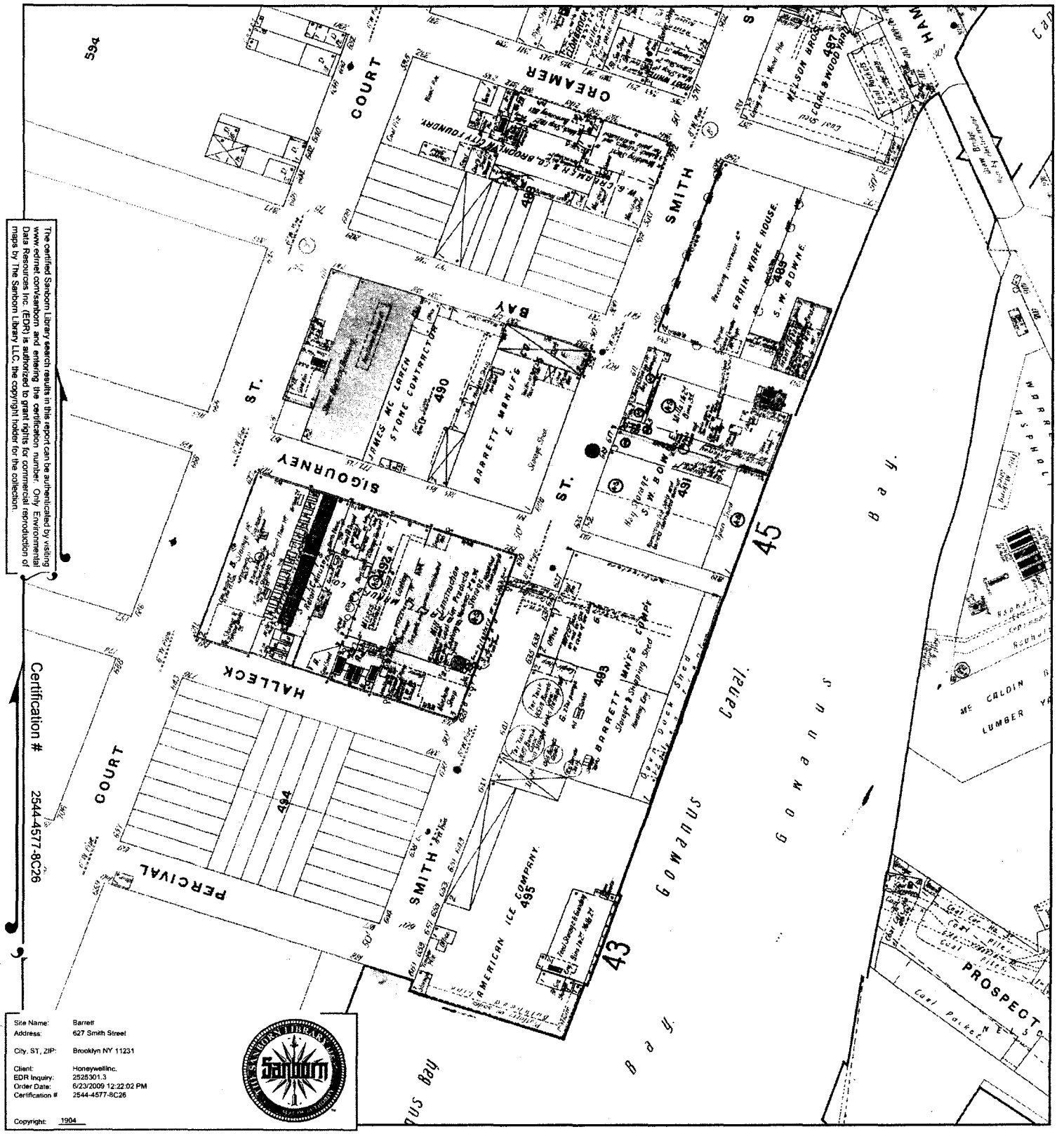
1904 Certified Sanborn Map



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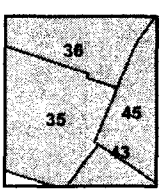

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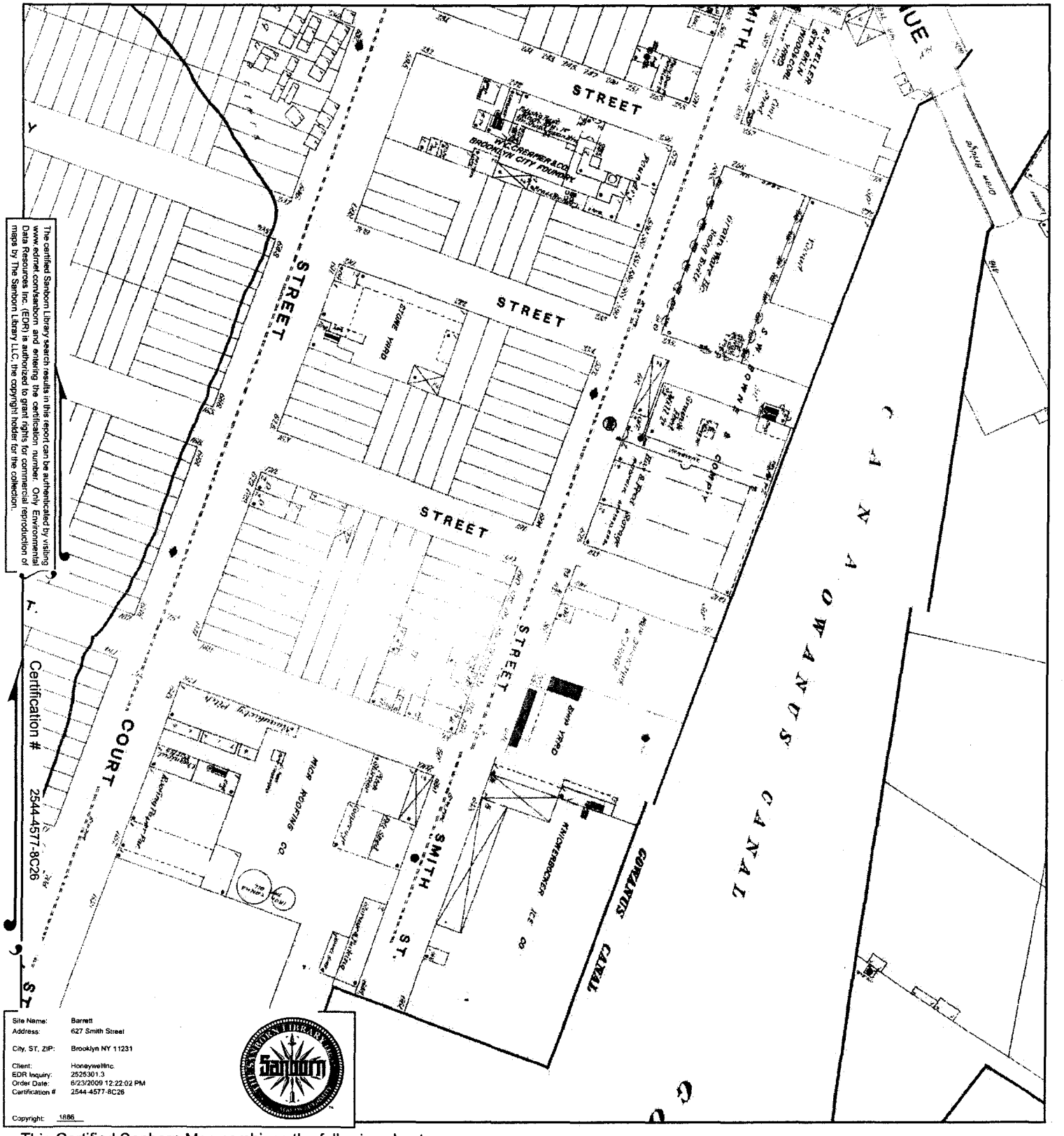
1886 Certified Sanborn Map



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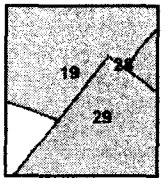

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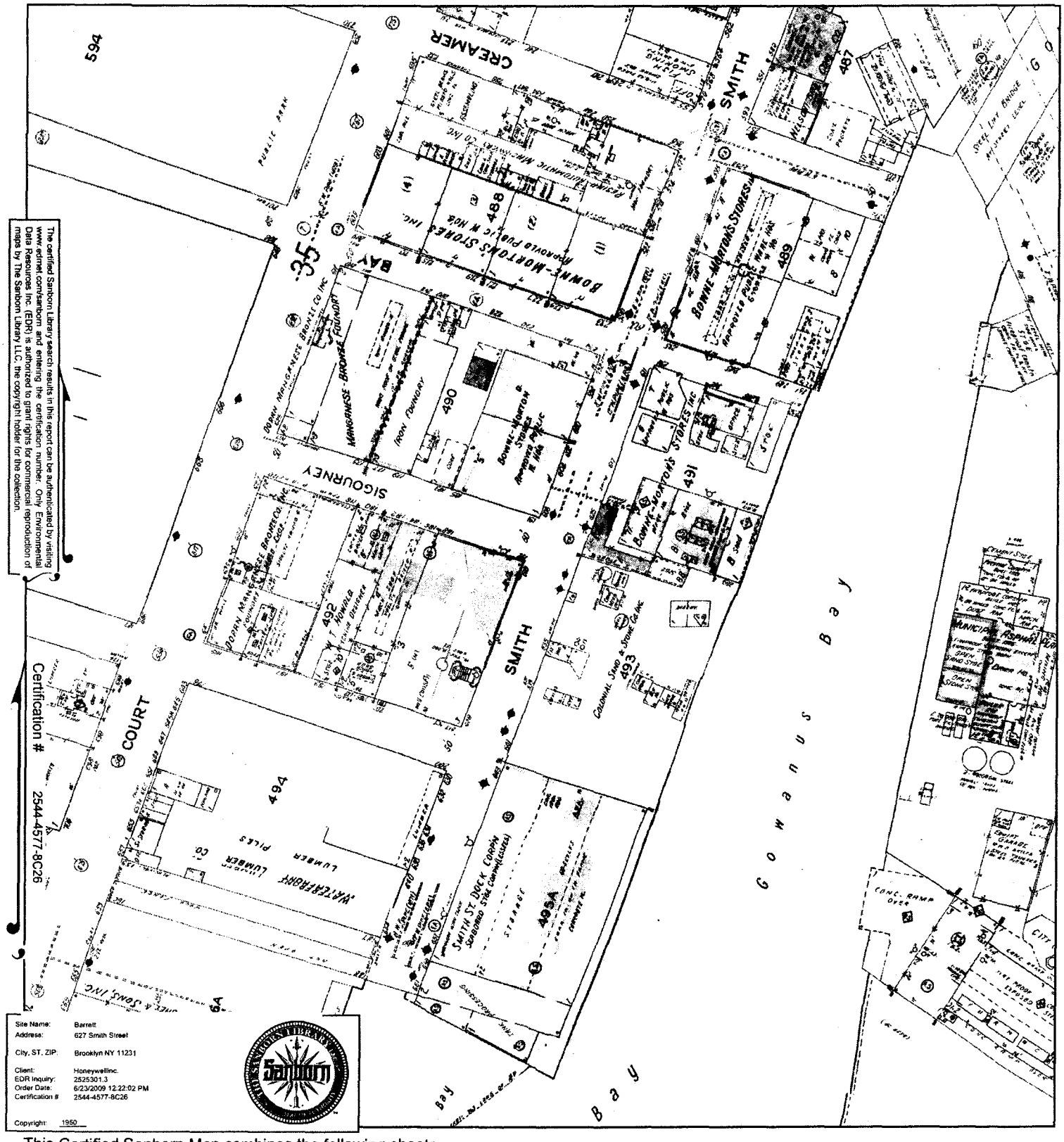
1950 Certified Sanborn Map



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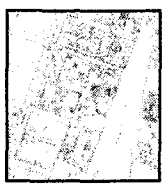

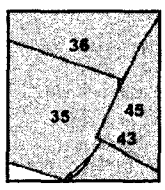

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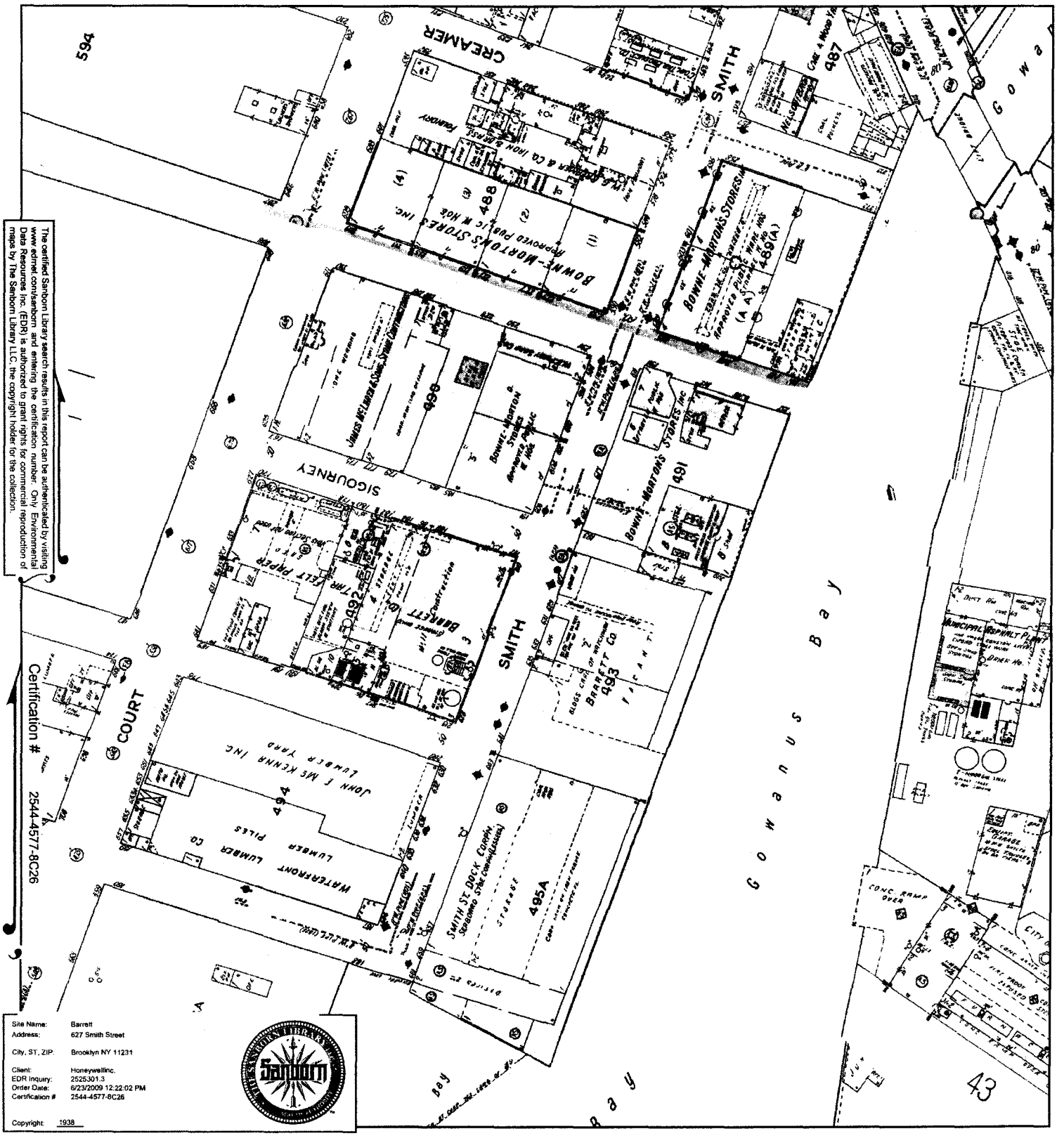
1938 Certified Sanborn Map



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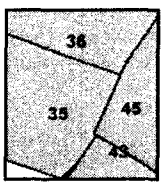

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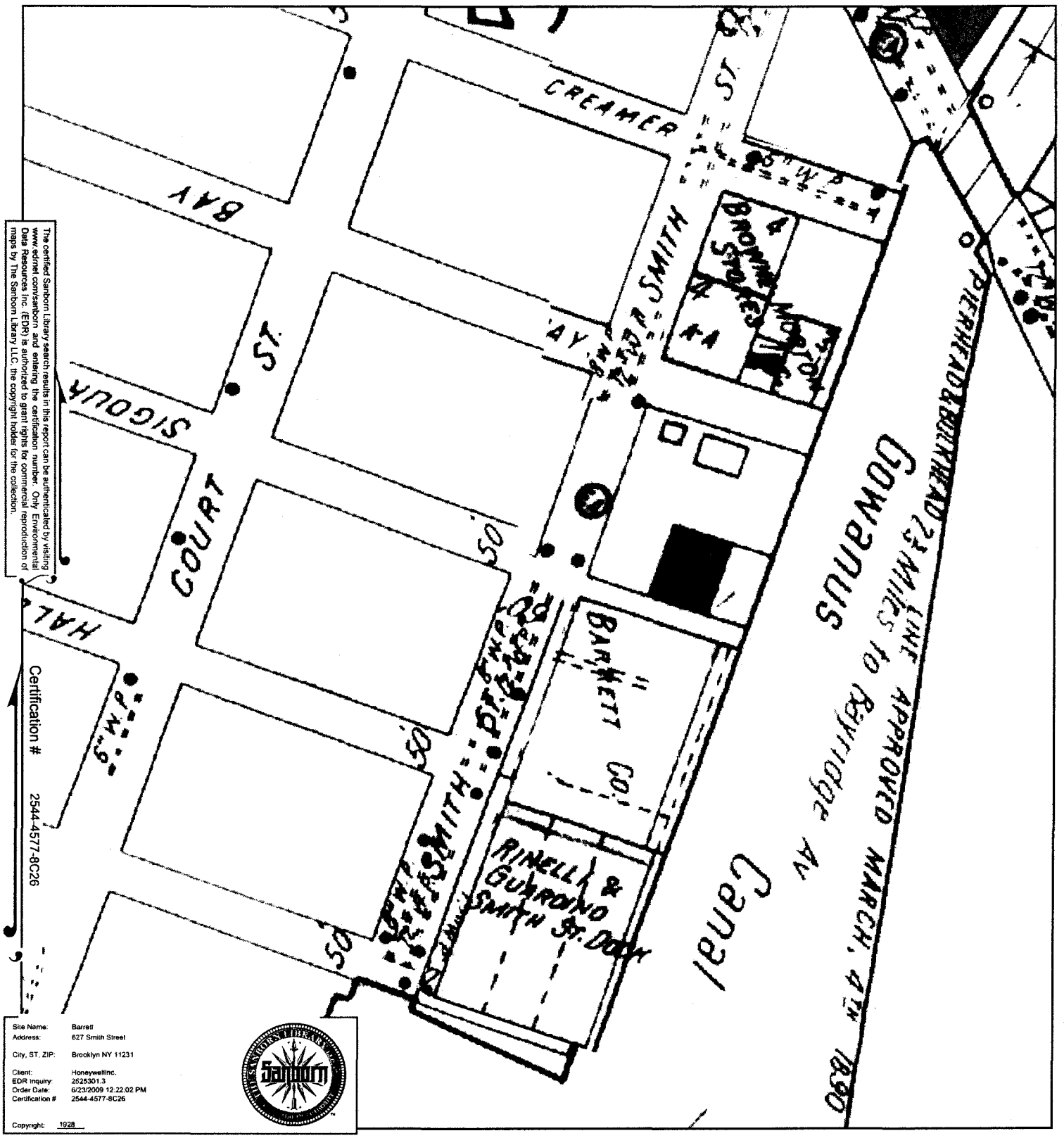
1928 Certified Sanborn Map



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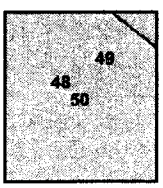

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Volume Pier_Maps, Sheet 49
Volume Pier_Maps, Sheet 50

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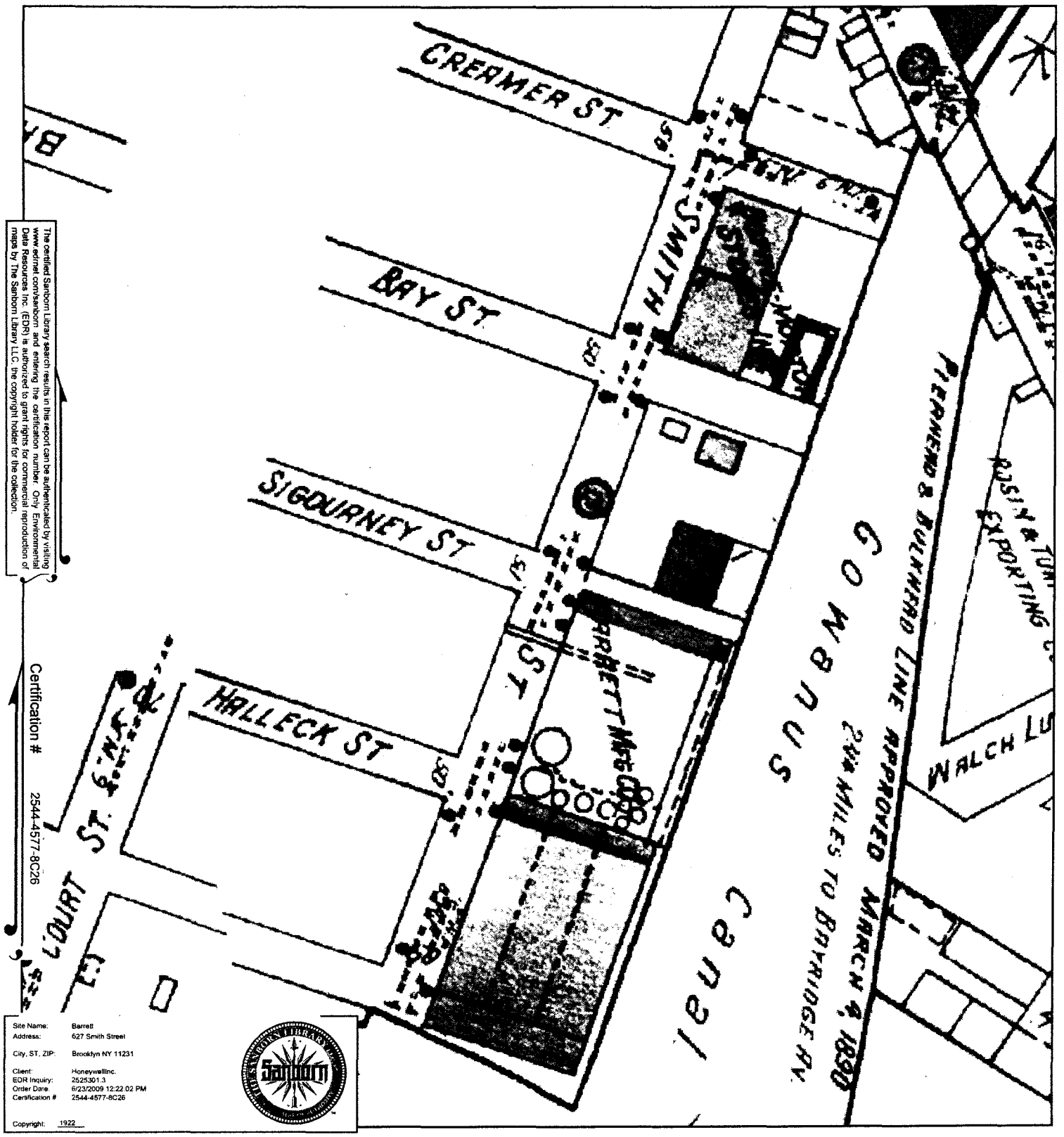
1922 Certified Sanborn Map



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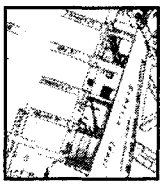

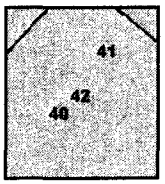

Volume Pier_Maps, Sheet 40
Volume Pier_Maps, Sheet 41
Volume Pier_Maps, Sheet 42

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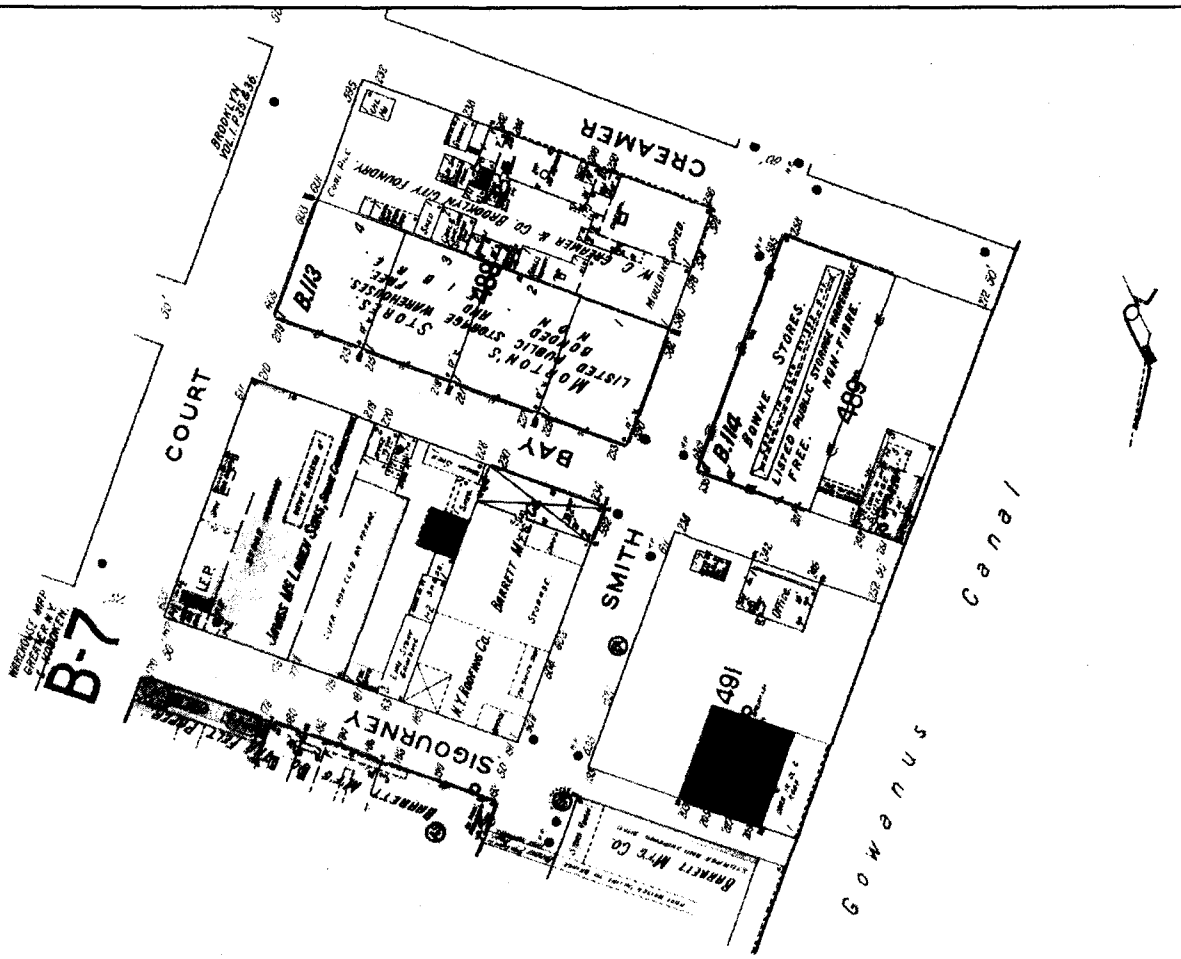
1921 Certified Sanborn Map



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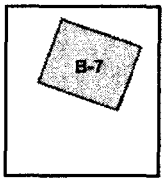

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Volume Atlas Maps, Sheet B-7

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The BARRETT TRAIL

In this number–

Coal Tar Products from the Layman's View Point

By Ralph Esau, Manager, The Barrett Company, Chicago

How I Won The Croix de Guerre . *E. G. Reasoner (Salt Lake City)*
My Hardest Sale . . . . *R. O. Aleshire (Chicago)*
Along the Home Trail
Growing Wings; 4. Cross Country Flying . *C. F. Smith*
"Perfume Made from Coal Tar"
What We Owe the Company . *B. J. McGrath (St. Louis)*

Vol. II **JULY, 1919** **No. 7**

Perfume Made From Coal Tar

Only One of 200 Products, Including Many Drugs

COUSIN TO LUBRICATING OIL

Valuable Chart of Derivatives Given Natural History Museum

NOTE.—These headlines, and the following article appeared in the *New York Evening Sun*, June 18, 1919.

Ammonia, aspirin, carbolic acid, indigo, oil of wintergreen, saccharin, toilet water. This isn't a druggist's catalogue. It's just the first names of a few of the members of the coal family.

The chemical department of Barrett & Co. of this city has just presented to the American Museum of Natural History a chart showing this family tree. More than 200 direct descendants of Old King Coal are indicated on the chart, and, each in its proper place, the descendants are represented by typical specimens.

In looking over the chart one is forcibly reminded of the tremendous chain of consequences which Adam and Eve evoked when they begat Cain. If Barrett & Co. were to paraphrase Genesis, the chronicle would read something like this:

"Coal begat gas, gas liquor, tar and coke.

"Tar begat light oil, middle oil and heavy oil.

"Heavy oil begat crude carbolic acid (which begat phenol, cresols and disinfectant), lamp black and anthracin oil.

"Anthracin oil begat crude anthracin and anthracin lubricating grease.

"Crude anthracin begat anthracin, which begat anthraquinon, which begat quinazarin, which begat alezarin astrol."

At about this point, apparently, Barrett & Co. found their chart developing unmanageable dimensions and intricacies, both of arrangement and orthography, and discreetly stopped.

Of course these relationships might be more lucidly expressed in modern fashion. We too often hear: "Your father was my father's cousin, and their uncle married your father's sister-in-law's mother." So on the whole, it may be less confusing to say simply of a branch of the coal family: "Aniline black descended from hydrochlorid, which came from aniline, which came from nitro-benzol, which came from pure benzol, which came from crude benzol, which came from light oil, which came from tar, which came from coal."

To the average observer, however, the exact sequence of relationship is less important than the surprising inequality of attainment exhibited by the members of the coal family. There is the plain and unpretentious side of the house, which is represented by such sober, if useful, members as paint, pipe coating, paving and roofing, insulation and waterproofing. Arrived at a higher place than these are Prussian blue, ammonia, indigo and aniline dyes. And holding so enviable a position socially that the uninitiated do not guess their lowly origin, are fragrant toilet waters and perfumes.

Differences in temperament, too, run the whole gamut from the slow pitch to the volatile naphtha, from the dull but diligent graphite to the brilliant orange and almost as brilliant but also "fast" red dye.

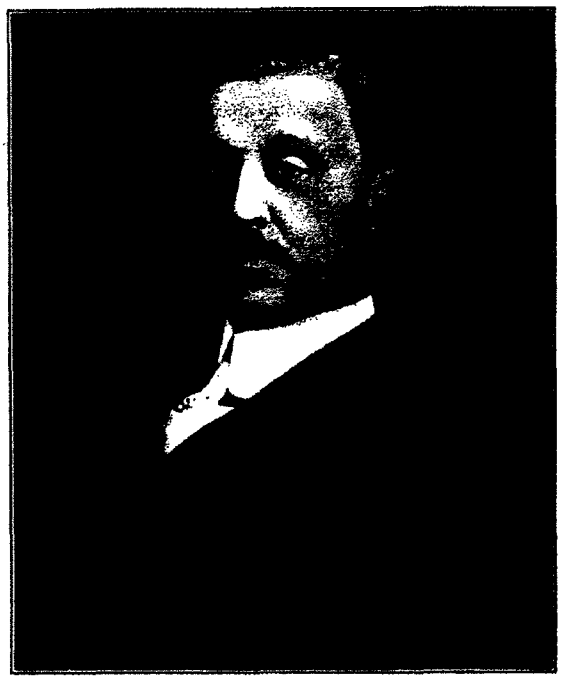
But of course in so large a family marked individual differences are to be expected. Evolution performs its marvels here as elsewhere, working through such agencies as distillation, combination, precipitation and condensation. And liquid, powder, crystal or solid, from tar to perfume, these all have equally legitimate claims to one royal lineage.

It's an interesting family, and the American Museum of Natural History has made it accessible to the public.

Coal Tar Products from the Layman's Viewpoint

By RALPH ESAU, Manager, The Barrett Co., Chicago

The layman sees a black viscid liquid and pronounces it tar or "tarry stuff." There are many kinds of tar—Coal Tar, Water Gas Tar, Hard Wood Tar, Pine Tar, Petroleum Tar, etc. They look pretty much alike to the layman, but all have odors characteristic of their origin. We are concerned at this time with the Coal Tars. There are two main sources of supply—gas works where bituminous coal is carbonized, either in horizontal, inclined or vertical retorts, where the main product is gas, and the coke, ammonia and tar are by-products; and by-product coke ovens, where the main product is coke and the gas, ammonia and tar are by-products. In both cases heat is applied externally to the retorts and the best layman's description of the carbonizing is to call it a roasting.



RALPH ESAU
Manager, The Barrett Company, Chicago

The retorts or ovens are sealed and the application of heat expels the volatile matter from the coal in the form of a dense smoky cloud—this is drawn off through pipes of large diameter, thence through an elaborate condensing, scrubbing and purifying process by which the gas, the tar and the ammonia are separated and led off into their respective storage.

In gas works generally no great effort is made to secure the benzol fraction which is carried off in the gas. Benzol gives illuminating value to the gas. In the case of coke ovens, however, a number of years ago they began to strip the benzol from the coke oven gas in a few operations. This was done for three reasons—in the first place, the tar distillers were unable to produce quite enough benzol to meet the domestic demand, secondly, high illuminating value was not always necessary, and lastly, it looked like good business. With the breaking out of the war in Europe there came such a tremendous demand for toluol and benzol that it was not long before every by-product coke oven plant had a stripping plant in operation and the output of benzol fraction multiplied many times. When this country joined the Allies the demand increased still more and the illuminating gas field was also invaded and candle power standards temporarily forgotten.

To come back to coal tar—roughly, about two-thirds of the present coal tar supplies come from by-product coke ovens and this supply bids fair to be constantly increased. In fact, the increase in pro-

duction of by-product coke oven tar during the past five years has been tremendous, but the tar distiller has not felt this increase appreciably because at the same time the steel companies felt a most urgent need of this most highly efficient fuel to speed up their production. As most by-product coke ovens are adjuncts to steel plants, the needs of the latter were in many cases placed ahead of the tar distiller. It is estimated that coal tar ranges from 7 to 14% higher fuel value than the average fuel oil, and the use of this highly efficient fuel had the effect of increasing the production without any appreciable investment in further plant equipment. While ordinarily the burning of coal tar as a fuel is an economic crime, the exigencies of the war's demands made it not only necessary but desirable.

To the layman, tar is tar—some may be a little thicker or some may be more fluid, but as in many other lines, there are many variations that are of interest to the tar distiller. Tar will vary as the coal varies from which it is carbonized, it will vary as to the temperature of carbonization, and again as to the length of the period of carbonization. The type of oven or retort, the size of the charge, as well as the air-tightness of the installation also affect the quality. In the so-called "good old days" the average tar distiller usually had only a few sources of supplies tributary to any one plant and perforce he had to do the best he could, and he was apt to be very resentful towards technical specifications. Nowadays, however, the industry has broadened out to such an extent that every tar distilling plant, no matter how small, has its chemist and at some of the larger plants the laboratory is never closed, several shifts of chemists being on duty days, nights, Sundays and holidays. Bearing in mind what I said about the many variations in coal tar, it will readily be understood that the organizations handling the greatest varieties are in position to come nearest to furnishing the best for the various purposes—for it is a fact that no one grade of tar has yet been found that was the best for every possible use.

From the tar storage tanks at the gas works or coke ovens, as the case may be, the tar is pumped into tank cars averaging about 10,000 gallons capacity each. In New York, Chicago, Pittsburgh, and one or two other points tank boats are used for transporting the crude tar, and in a few cases where the distilling is close enough to the plant producing the crude tar, a short pipe line is used. On arrival at the distilling plant each shipment is sampled and analyzed, the usual records made, and then pumped into the storage tank carrying that particular grade.

The distilling department fill their tar stills from these storage tanks, drawing as much from as many tanks as previous experience shows is necessary for the particular products that the planning department has ordered made. In this country most of the stills are horizontal cylinders about 9 feet in diameter and about 20 feet long, bricked in and fitted with furnace and combustion chamber and stack. The still is equipped with sampling cocks, fittings for inserting a thermometer, and a large vapor pipe at the top sometimes called a goose neck, through which the distillates in vapor form are conducted through suitable pipes through a worm condenser and then to various preliminary gathering tanks, thence to storage tanks. At first the firing is conducted slowly on account of the violent ebullition due to the water entrained in the tar. This water is commonly called ammoniacal liquor, and with one or possibly two exceptions is not recovered at the tar distilling plants in this

country, as usually as much of this liquor as possible is recovered at either the gas works or the by-product coke ovens and worked up into sulphate of ammonia or anhydrous ammonia, and what remains in the tar is too dilute and too small in quantity to warrant a recovery plant.

While ammonia is thus closely connected with the coal tar business, it is not considered in our discussion at this time as a coal tar product, and we shall therefore dismiss it as lack of time prevents any further reference to it.

As the firing continues, sometimes accompanied by agitation with air, the water and light oils vaporize and are drawn off through the condensing system, separation is made by gravity, then follow successively the heavier distillates, being cuts made according to the product that is to be made and according to the orders of the planning department. These cuts are, roughly, the light oils, the carbolic oils, and the creosote or heavy oils. Distillation may be stopped at any point and the material left in the still becomes harder the farther the distillation is carried. Indeed, it may be carried on until there is nothing left but coke. This is rarely done as coking is very hard on the stills, and stills are very expensive to build and maintain. Fire box steel never was very cheap, and during war times was almost unobtainable at any price.

Your product in the still may be anything from refined tar (that is, crude tar after the water and the light oil carried over mechanically with the water is taken off) through the various Tarvia grades, waterproofing pitch, paving pitch, roofing pitch, briquette pitch, to the hardest grade of pitch with a melting point of about 300° F. The more oil left in the tar or pitch, the more liquid or soft it is, and conversely the more oil taken off, or the more distillates taken off, the harder the residue. In most distilling plants the residue in the still is blown by steam to suitable containers called coolers from which after proper cooling, the refined tar, tarvia, or pitches are barrelled or pumped into tank cars as the case may be. Of course, in all modern plants every step in the operation is checked by chemists. It is a business that lends itself peculiarly to laboratory control. A modern superintendent should not only be a good chemist but a physicist as well. Most stills have a capacity of about 10,000 gallons each. There have been a few built of larger capacity and some of smaller capacities for special products. Vertical stills are used to a very small extent. The manner of handling is the same in all cases. Continuous stills have been used successfully for a number of years in plants handling large quantities of tar, the tar being pumped continuously through a heating system to the desired temperature and the pitch and oils being produced continuously.

The first distillate to come off is light oil, so-called because it is lighter in gravity than water and floats on top of the ammoniacal liquor in the tanks. In former years coal tar contained several per cent of light oil, but now it is a negligible quantity. Most of the constituents of the former light oil, such as benzol, toluol, xylol, solvent naphtha and heavy naphtha are separated from the gas in a separate operation as a crude light oil, and are no longer condensed in the tar; but I will make some comments on them here because they are associated in the minds of laymen with tar although practically none are now produced at tar distilling works. The fractionation and purifying of these products is far from being a simple proposition. It is so technical that it is usually conducted at a plant specializing in this sort of work. Benzol was at one time used as a gas en-

riching agent during the days when high candle power gas was called for by the consumer. During the war benzol was largely used as a base for making picric acid—first phenol or carbolic acid was made synthetically from benzol, as not enough of the regular phenol was produced in this country to supply the demand; this then was nitrated and trinitro-phenol or picric acid produced. Picric acid forms pale yellow crystals and is poisonous. It is in the class of high explosives. The military explosives, melinite, lyddite, and shimosite consist chiefly of picric acid. Benzol is an excellent solvent for various gums, greases, rubber, etc. The rubber tire industry consumes very large quantities. It is ideal for making rubber cement. Benzol is also used in the varnish industry and in the manufacture of enamels, as well as wood stains. Benzol is one of the principal ingredients in varnish remover. It is also largely used in the imitation leather industry. From the beginning of the European war the growth of the aniline dye industry attracted large quantities of benzol into that highly specialized field. With the advent of peace and a lowering of the price, benzol should be of importance as a motor fuel in mixtures with gasoline. Motorists will, no doubt, greatly relish the additional "pep."

Various photographic chemicals, drugs and medicines call for further use of benzol. There is usually about three or four times as much benzol produced as toluol—hence, while toluol forms the base for many very interesting dyes and colors, the need for military purposes was so pronounced that the dye industry temporarily had to forego its advantage. Everyone has read a great deal of T. N. T. These initials stand for trinitrotoluol, made by nitrating toluol. It is usually a pale yellow powder —when it is pure it is white and has no odor. Toluol is also a good solvent and is used to a considerable extent in the varnish industry. When the price gets low enough it will make an interesting addition to benzol for the motor spirit line. Its very low freezing point makes it also desirable for use in the dynamite industry.

Solvent naphtha, as its name indicates, is used largely as a solvent. It is somewhat slower drying than benzol and in some lines that is an advantage. Solvent naphtha is also largely used in the manufacture of anti-fouling and ship-bottom paints.

Heavy naphtha is used to thin down tar and pitch paints.

Xylol is produced in very small quantities. It is a fine solvent, used to a small extent in the artificial leather business as a solvent for the coating and in the manufacture of rubber cement and color stains. Its evaporating time is longer than that of benzol and toluol but shorter than that of solvent naphtha.

The Carbolic Cut

Some of the heavier products found in light oil will be found in the lighter portion of this cut. There is no sharp line of demarcation. This cut contains naphthalene, carbolic acid, the cresylic acids and middle oil, sometimes called carbolic oil or neutral oil, and if the cut has been a long one will also contain considerable amount of creosote oil.

Naphthalene, when pure, forms in white crystals—you are familiar with it as flake naphthalene when you lay away your wife's winter furs and your overcoat. It is also compressed into balls and lozenges and marketed in that form. It is used as a base for explosives and is also the source of a great many dyes produced through various intermediate products.

Carbolic Acid or Phenol

As I mentioned before, phenol may be,

in fact, is made in large quantities synthetically from benzol. Carbolic acid is well known as a disinfectant but has other important uses. Combined with other chemicals, carbolic and cresylic acids are used to make artificial resin such as bakelite, condensite, redmanol, etc. Salicylic acid, aspirin, phenacitin and a number of other drugs and medicines have phenol as a base. You are already aware that phenol is the base for picric acid. Cresylic acid, one fraction, is to some extent used as a military explosive. Pure cresol is used medicinally—the crude grades of cresylic acid are used in the manufacture of sheep dips, cattle sprays, insecticides and disinfectants. After all these products are extracted there remains the neutral oil which is used for thinning, for slow drying paints, as a vehicle for shingle stains, and when of proper gravity and strength, is largely used as a flotation agent in the extraction of non-ferrous ores. This oil is also used for burning in the manufacture of a superior grade of lamp black.

Creosote or Heavy Oil

The crude creosote finds its largest market in the wood preserving industry, especially in the so-called pressure treating plants for the preservation of railroad ties, dock timbers and timber for use in salt water and for treatment of wood blocks for creosote block pavements for our city streets. Like many other industries touched upon here such as the dye, the explosives and other industries, the wood preserving industry is deserving of a special article instead of the few touches I am able to give in this sketchy resume. Crude creosote (in former days known as dead oil, perhaps because of its odor) is a very complex material. I don't believe anyone in this country has endeavored to minutely untangle its many ramifications. However, the demand even before the war was so great that considerably over one-half of the amount consumed in this country was imported from abroad. So the producer always had a market waiting to take the material off his hands. It is true the buyers were particular, and almost every railroad and large buyer had their own particular specifications they insisted must be lived up to. When the war broke out the European supply failed and the demand in this country increased, and this increased demand could not be met, especially when the steel companies began to use tar for fuel that normally was going to the tar distillers. So we all had another reason to darn the Kaiser; a ready market willing to pay famine prices and a decreased output. Certainly war is what Sherman said it was.

For a number of years there has been an awakening on the part of many wide-awake concerns—that conservation of wood was not merely "conversation"; there was something in it and that something interesting to all business men was —profit. The telegraph and telephone companies were probably the first to recognize the situation. Unfortunately, pressure treatment, while no doubt by far the most efficient, was far too expensive on account of the location of the treating plants, the pole supply and the distribution of the poles. Open tank treatment, so-called, was resurrected and the quality of the oil modified to meet the new conditions. The butts only were treated and cross-arms as well. Later the demand for a dependable standardized uniform liquid wood preserver was evolved that could be applied with a brush or as a spray. While this is not quite as efficient as open tank treatment, or alternately hot and cold dipping, and the latter method is not quite as efficient as the pressure treatment, still it was profitable to

the user. These treatments lengthened the life of the timber, and the user saved the cost of labor of replacement and cost of new timber.

The Forest Products Laboratories at Madison, Wisconsin, belonging to the Department of Agriculture, has made so many experiments, and research work covering such a long period of years that very little guess work is left. Generally for the average industry or the farm or the home, wherever wood will decay before it is worn out, you should use a good standardized wood preserver so as to get the benefit of the full mechanical life of that wood. On account of its odor when freshly applied, I would hardly recommend it for the drain board on the kitchen sink.

Creosote is also used for lamp black purposes and in the flotation of ores.

If the distillation of pitch has been carried on far enough, there is a small yield of oil known as anthracene fraction—this cut is separated and the crystals chilled out and drained from the oil. By a centrifugal revolving at high speed the crystals are further dried, the resultant product is known as crude crystals—these, after a very careful refining, yield anthracene. There is about ½ of 1% of anthracene in the tar, but you cannot get it unless you distill the tar to that cut. I mention this because when I first learned the wonderful story of coal tar I was anxiously inquiring why every one was not cashing in on all of the products mentioned in this formidable list, and I found that in a great measure it was a case of working low-grade ore. You have to turn over an awful pile of the crude to get a handful or a thimbleful of some of the more highly refined products.

Anthracene forms the base for a wonderful group of fast dyes, known as Alizarine colors, by way of anthra-quinine as an intermediate.

Having hastily sketched the "high spots" in connection with the distillates, we will go back to our still where the light oil was running off and the refined tar bubbling inside so merrily.

The refined tar is used largely as a roof paint, also for painting all kinds of iron work, smoke stacks, etc.

As mentioned before, the consistency of the residue in the still varies with the amount of oil that has been distilled over, or, as your cook would say—"the amount that has been boiled off."

Your refined tar will vary from a comparatively thin fluid, gradually becoming thicker and thicker, until it has reached a point where one may truly call it a very thick tar, or a very soft pitch. There is no really sharp line of demarcation.

The refined tars yield also our well-known road surfacing and road binder materials called "Tarvia," of various grades. Tarvia "A" is used for surface coating, Tarvia "X," which is more viscous than "A," is largely used as a binder in bituminous roads, and also, to a considerable extent, for the repair of cracks and crevices in concrete roads. Tarvia "X" is always used hot.

Another grade, known as "K. P.," is used for cold patch. It is thinned down with a suitable solvent which, upon evaporation, leaves a bitumen in the mineral aggregate in such form that it does its best work.

The softer pitches are used for waterproofing work below ground level—on subcellars, subways, underground railways, tunnels, etc., and also, to a considerable extent, for overhead track elevation work where the railroad right-of-way runs over streets that are depressed.

As a filler for granite block pavement a softer pitch is used than in the case of a filler for brick pavements, and that in turn is a little softer pitch than we usually use

as a filler in creosoted wood block pavements.

In this country the use of pitch for composition roofing purposes has been developed far beyond anything to be found abroad—and so satisfactory has the built-up type of pitch, gravel and tarred felt roof been found to be that hundreds of roofing contractors scattered all over the country specialize in this class of work alone.

Pitch is also used for seal in dry batteries, for the manufacture of clay pigeons for the trap shooter, electric light carbons and carbons for electrolytic reduction purposes. It is a base in the manufacture of core compound for the building up of cores for foundries, and also for the facing compound used in the faces of moulds in foundries, and for the manufacture of coal briquets.

The briquetting industry in this country is still very much of an infant industry, compared with the tremendous volume existing in the European industrial countries. As the economic advantages of the use of coal briquets become more recognized the industry will naturally expand.

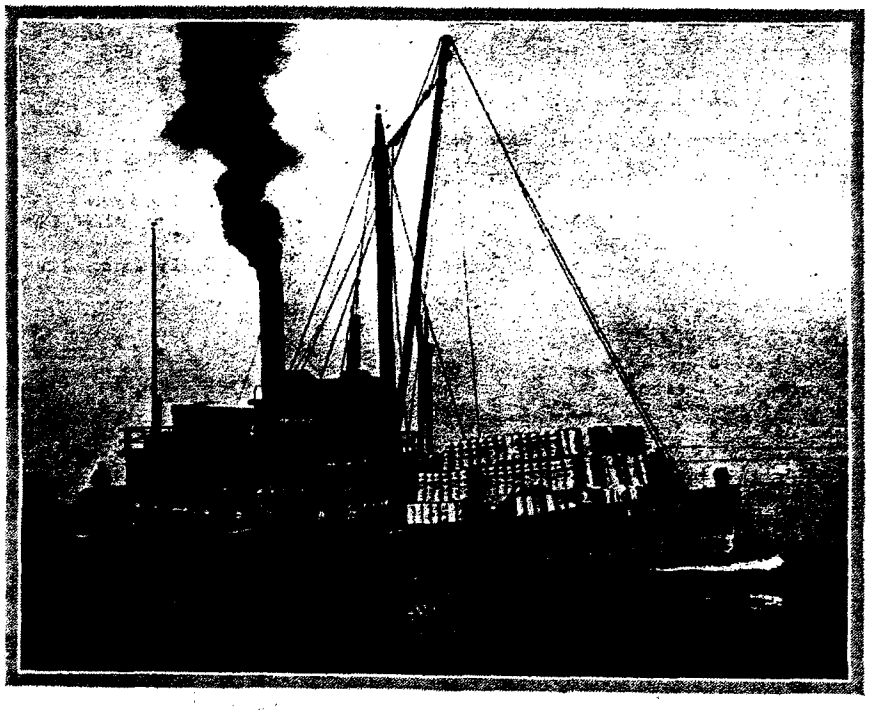
Owing to the resistance of coal tar pitch to attacks from acids and alkalies, it is used either in the form of pitch applied hot or dissolved in a suitable solvent as a coating for tanks and vessels, in plating works, photo engraving plants, chemical factories of various kinds, galvanizing plants, etc. The tonnage used in these plants, however, is very small as compared with the amount used for roofing and paving.

Pitch possesses considerable dielectric qualities. It also presents considerable resistance to the passage of heat, and is, therefore, used to some extent as an insulator in both the electric industries and in cold storage work. To a small extent pitch is used for filling seams that have been calked in large wooden vessels, scows, barges, etc.

Pitch is also excellently adapted as a high grade fuel, especially in competition with fuel oil in the metallurgical industries, and as the recognition of the economic error in using coal tar for fuel becomes better known, the use of pitch for fuel purposes will become more pronounced. It is not to be expected that pitch can hope to compete with coal from the point of view of cost where coal can be used direct.

I cannot refrain in closing this brief narrative of the wonders of coal tar without summarizing briefly a few points. This ill-smelling black viscid fluid which at one time was very much of a nuisance has been forced to yield up all sorts of colors, many flavors, a number of perfumes, and a long list of drugs and medicines, and touches every industry and every farm and fireside. The battlefields of Europe were far from being exempted in the all-embracing blessing that sprang out of an evil that at one time worried the gas producers, health authorities, and others.

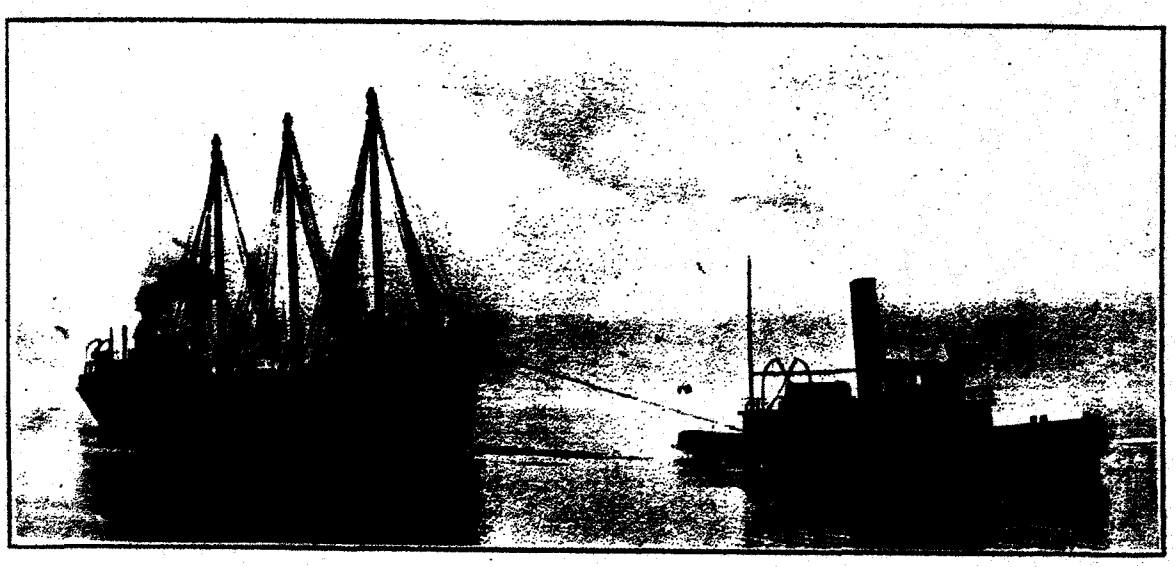
The BARRETT TRAIL



The Steam Lighter "EVERSLEY CHILDS" loaded with rolls ot roofing paper, Black Diamond pitch and drums ot ammonia. The "EVERSLEY CHILDS" was one of the boats that comprised the Company's first New York harbor fleet.

The
Evolution of
Tar Transportation

FEBRUARY
1921



THE TUG "W. H. CHILDS" TOWING THE "I. D. FLETCHER." THE "FLETCHER" CARRIES OIL IN BULK, CREOSOTE OILS AND TAR

The Evolution of Tar Transportation

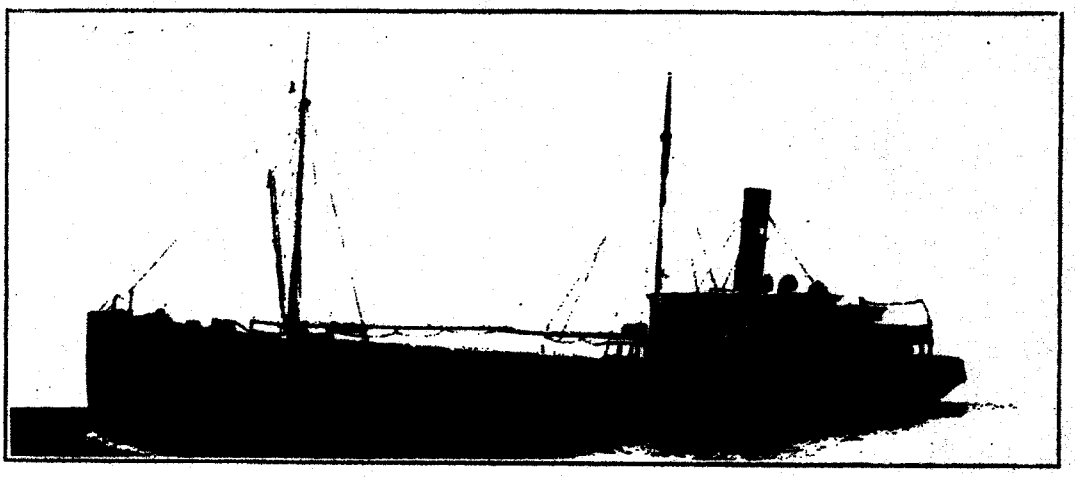
A Story of One Phase of the Development of Our Business

OUR business has to do, fundamentally, with coal tar. Everybody knows that. In order to do business with coal tar, however, one must first get the tar. Presumably everybody knows that, too. But one must get the tar with or in something—and thereby hangs a tale, details of which were supplied by Messrs. Ralph Esau, R. H. Whitney, H. E. Gerhardt, and W. W. Christie among others.

In the early days, running pretty well back to the 1850's and '60's, most of the tar in this country was produced at gas plants, and, of course, there was not very much of it, compared to the quantities handled at the present time. With the exception of the tidewater plants in New York and Philadelphia, the tar was transported from the gas works in barrels, which were furnished either by the gas works, at a price, or by the tar distiller. Very early in the game, however, considerable quantities of tar were moved in the New York district by lighters, among the earliest of which were the C. L. Marchal, built in 1883, the Reliance and the Eversley Childs. Following these, the tug, W. A. Forman, the tank boats Willie, Jamie, Black Diamond, Relief and Dan, and the sail lighters Kate Bernard and Comet, were at one time or another added to the New York harbor fleet. It is interesting to note that none of these boats belongs to the Company at the present time.

Water transportation was not limited to New York, however, for about the year 1900 Pittsburgh acquired a barge for moving tar in bulk. Large quantities of tar were brought from Nova Scotia in the steam tanker Major Barrett for delivery in cargo lots to our plants in Boston, New York and Philadelphia. The Major Barrett also carried creosote oil to Norfolk, Va., and to the gulf ports. She was destroyed by fire in 1903 or 1904, which burned her to the water's edge off the coast of North Carolina, every member of her crew being rescued.

At about the same period the Company owned a whaleback barge, "No. 101," which had been brought from the



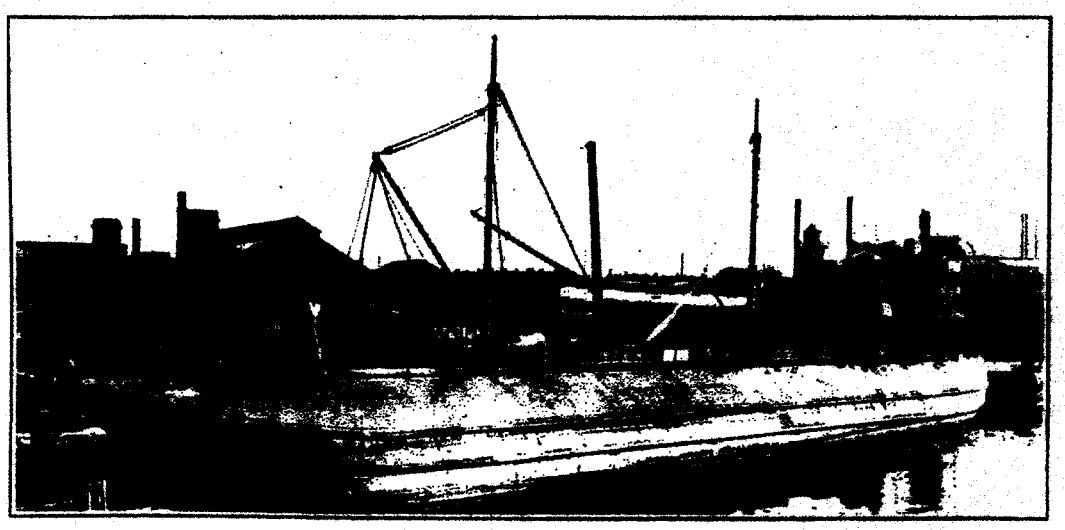
THE STEAM TANKER "MAJOR BARRETT"

Great Lakes. This vessel, too, was unfortunate, as she was caught in a nor'easter and foundered off Nova Scotia and went down with all on board.

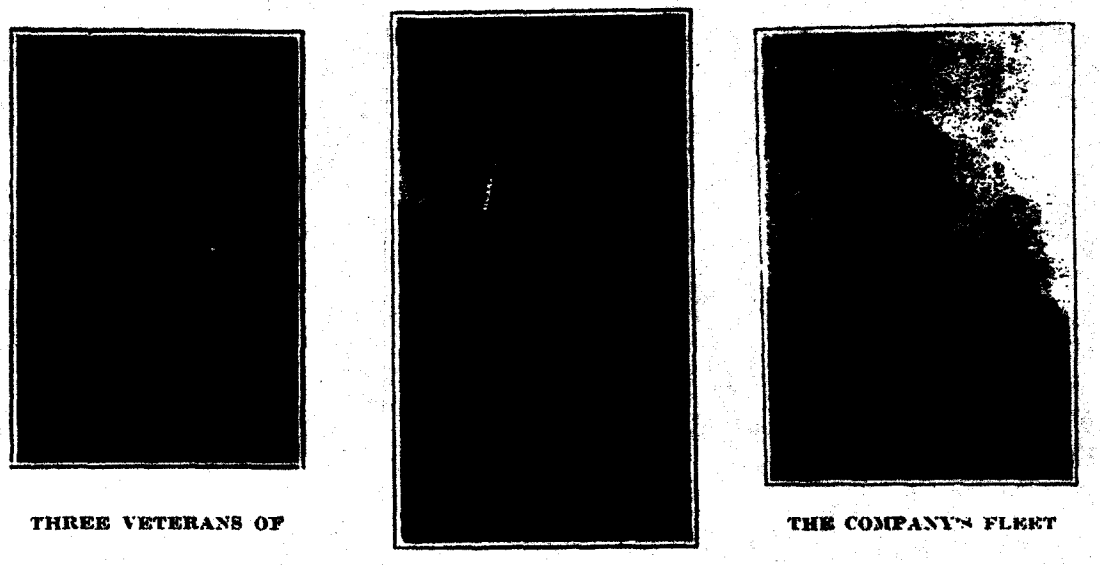
In the early 1900's the increased production of tar and oils, particularly at the Astoria Heat, Light and Power Company's plant on Long Island, began to overtax the capacity of the fleet. Thus in 1906-07 these boats were disposed of and those that comprise the present New York fleet were either built or purchased.

There are five tank boats, "Coast Transit" Nos. 1, 2, 3, 4 and 5. Coast Transit No. 6 is a coal boat, and No. 7 is a covered barge used to move dry felt between the Brooklyn, Elizabeth and Shadyside plants. The tank boat Tarvia and the tug W. H. Childs are among the latest additions to the fleet.

It is interesting to compare the old fleet with the new on the basis of capacity and horsepower. The six older boats had a total capacity of 190,000 gal-



"WHALEBACK No. 101" TAKING ON CREOSOTE OIL AT GRAYS FERRY, ORIGINALLY BUILT TO CARRY MOLASSES ON THE GREAT LAKES



THREE VETERANS OF THE COMPANY'S FLEET

Hans Neilson (center) was born in Denmark in 1857. He came to America in 1881 and joined the Company in 1889 as a deckhand on the steam lighter "C. M. Marchal." He is captain of the barge "Tarvia," is married and has seven children. William Schoenberger (right) was a deckhand on the "Marchal" when it was purchased in 1883. Since then he has captained the "Marchal," "Black Diamond," "Relief," "Comet," "Kate Bernard," "Reliance" and "Eversley Childs." During the war he was a runner and stevedore handling naphthalene and phenol. He is captain of the Coast Transit No. 5. Richard Kristiansen (left) was the first chief engineer to take out the steam tanker "I. D. Fletcher." He entered the employ of the Company in 1909, and, at the present time, is carpenter for the Coast Transit Division.

lons as contrasted to the combined capacity of the six present ones of 630,000 gallons. The tug, W. A. Forman, 39 gross tons, developed 175 horsepower and was quite unable to handle the large boats of the new fleet. The W. H. Childs, 98 gross tons, develops 325 horsepower and readily handles our largest vessel.

DECK VIEW OF THE "COAST TRANSIT No. 5"

The whaleback No. 101, mentioned above, was replaced by a steel barge of 300,000 gallons capacity, which was christened the I. D. Fletcher. This vessel is under charter to The Texas Company at present. The fleet is operated by the Coast Transit Division, which was formed for that purpose in 1906. In the year 1919 the harbor fleet made 456 round trips and moved nearly 40,000,000 gallons of materials, among which were included coal tar, oil

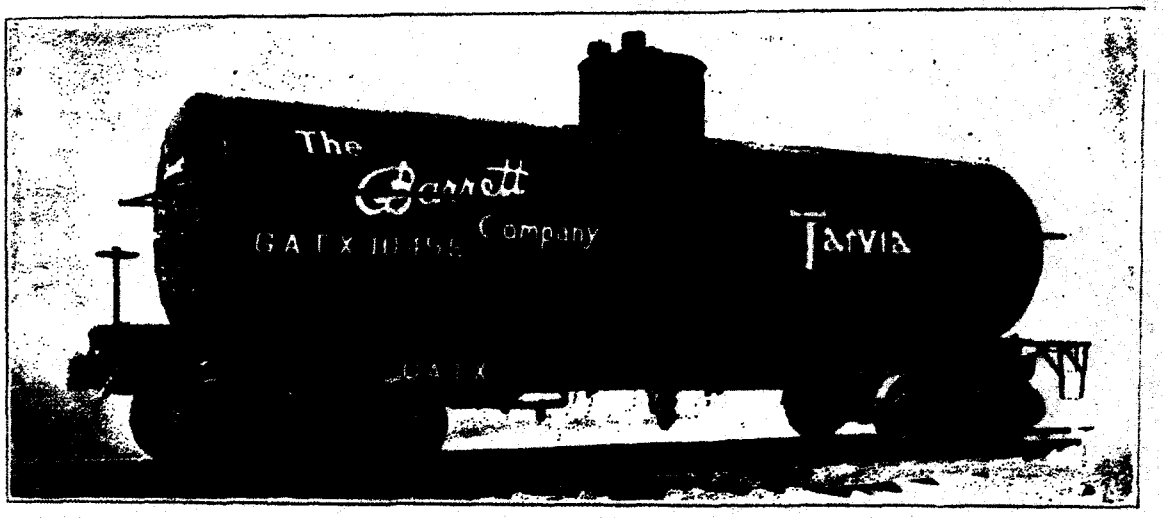
tar, ammonia liquor, drip oil, toluol, solvent naphtha, heavy oil, tarvia, creosote oil, fuel oil and carbolic oil.

Apparently there is no authentic information as to when tank cars were first used to move tar. Certain it is that comparatively few were in existence in 1890. The first tank cars operated by The Barrett Company consisted of a few leased from the Columbia Tank Line. Subsequently others of 3,500 gallons capacity were leased from the Pennsylvania Railroad "Green" Line and some of 5,000 gallons capacity from the Union Tank Line, a subsidiary of the Standard Oil Company. As the supply of tar obtained from gas works diminished in proportion to that from the by-product coke ovens, the tank car became a necessity in the industry. More cars were leased, usually on a basis that provided the cars should become the property of the lessee after a certain period. Other cars were purchased outright. The problem of routing and tracing cars naturally assumed constantly greater proportions, and in 1905, Messrs. F. M. Stearns and R. H. Whitney devised the first system we had for maintaining control of tank car shipment. In 1916 the Tank Car Department was formed and with the Coast Transit Division was placed under the supervision of Mr. C. C. Hahl. At that time we were operating 563 cars. At the present time the Company is moving tar in nearly 1,800 tank cars, mostly of 10,000 gallons capacity. If formed in a solid train they would extend over ten miles of track.

Some of our plants, i. e., Everett, Fairfield, Duluth, Detroit and Toledo, are located so close to by-product coke plants that the tar is pumped directly to them through pipe lines. This, of course, is the most economical and efficient system in use, but unfortunately it is practicable in only a very few instances.

Thus we have six systems of transporting crude tar to our plants, i. e.:

1.—Barrels. This is the oldest method and is practically obsolete. We probably receive tar in barrels from less than one dozen gas plants. The wear and tear on the barrels, freight on empties as well as on the tar and of the barrel returning filled, the excessive cost of handling



ONE OF OUR MODERN TANK CARS

when emptying, etc., make this method much too expensive.

2.—Tank wagons. This method is also practically obsolete, being used now only in emergency cases.

3.—Scows, barges and lighters on inland waters.

4.—Sea-going tank barges for coastwise shipment.

5.—Pipe lines for direct pumping from by-product coke plant to tar distilling plant.

6.—Tank cars. The bulk of the tar today is moved by this method.

James G. Smith

It is with deep regret that we announce the death of Mr. James G. Smith, who died very suddenly Christmas night from an attack of heart disease. Mr. and Mrs. Smith and their young son were spending Christmas with Mrs. Smith's brother just outside of Chicago.

JAMES G. SMITH

As they were going in to have tea Christmas evening, Mr. Smith dropped dead just as he passed the threshold of the dining room. Funeral services were held Tuesday, December 28th, at St. Andrew's Episcopal Church, Chicago, and were attended by quite a number of the Chicago organization.

In the death of Mr. Smith the Chicago organization loses one of its oldest and most loyal members. "J. G.," as he was known to all of us, entered the employ of the Company as a very young man just out of school on December 26, 1881.

In the early days his duties were many and varied, but he gradually took hold of the sales end and gave this most of his attention until the Peoria mill was erected. At Peoria he had charge of the purchasing of rag stock and continued at this work until about the first of 1917, when he was transferred to the Sales Department in the Peoria territory.

All those who knew Mr. Smith will deeply mourn his passing, and we extend our sincere sympathy to his widow and young son.

A Correction

In connection with the article in our last issue relating the history of the Solvay Process Company, there was published a photograph of Mr. Rowland Hazard, Vice-President of the company in its earlier days. It was stated that Mr. Hazard had recently been elected a director of the "Allied" Corporation, whereas it is Mr. Hazard's grandson who is a member of the Board. The error occurred through the identity of names.

At the 6th Annual Convention of the Insecticide and Disinfectant Manufacturers' Association, December 13, H. W. Cole, of our Chemical Department, was re-elected President.

U.S. Environmental Protection Agency
Request for Information Pursuant to Section 104(e) of CERCLA

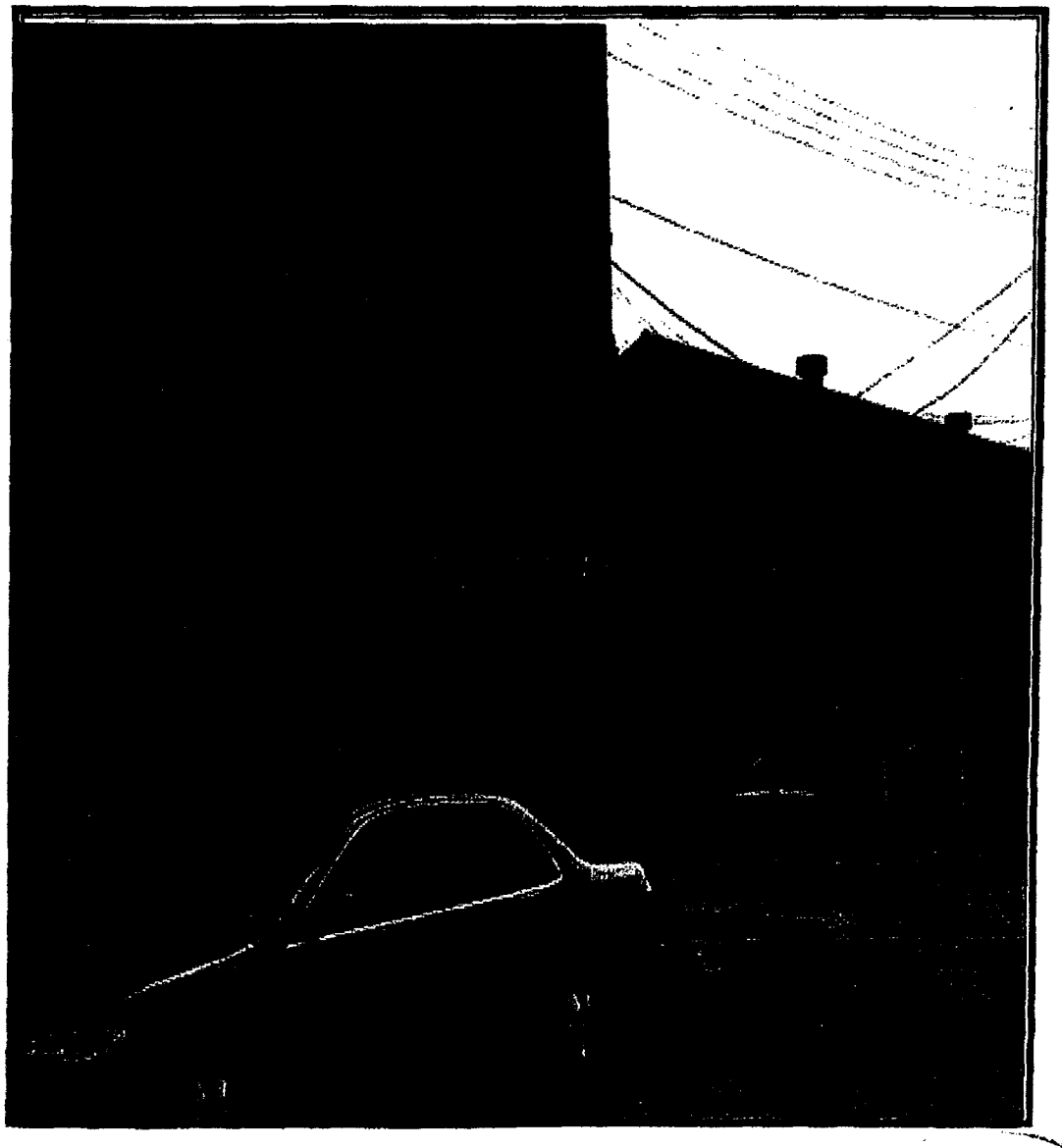
Gowanus Canal Site

Response of

Honeywell International Inc.

Exhibits Volume II
(Exhibits 23 to 25)

PHASE I
ENVIRONMENTAL SITE ASSESSMENT



595-661 SMITH STREET
BROOKLYN, NY 11231
Spill number 05-00510

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
AAI & ASTM E1527-05

PROPERTY ADDRESS: 595-661 SMITH STREET
BROOKLYN, NY 11231
BLOCKS: 489, 491, 493 AND 495 LOTS: 1
(WAREHOUSES WITH PARKING LOTS)

PREPARED FOR: MR. RICHARD CHERA
WEST 57 TOV LLC
362 FIFTH AVENUE
NEW YORK, NY 10001

PREPARED BY: DON CARLO ENVIRONMENTAL SERVICES, INC
1225 ATLANTIC AVENUE
BROOKLYN, NY 11216

DATE: JANUARY 10, 2007

SCOPE OF THIS
PHASE I ENVIRONMENTAL SURVEY

To thoroughly inspect all accessible areas and facilities in and around the lot located at ***595-661 Smith Street, Brooklyn, NY 11231*** and to assess the environmental status of the subject property. The tasks were conducted via a visual inspection of the site, review of available historical records documenting usage of the property along with persons knowledgeable about the subject property.

This survey assessed any ongoing or former operations, whether current or former operators/leasees used or stored chemicals on the premises, if any waste materials arising from operations have been dumped on the premises or if any landfill operations have taken place.

Visual inspection of the immediate vicinity around the premises were also conducted, wherever possible or reasonable, in order to determine whether any sites adjoining the premises are used for heavy manufacturing or the generation, storage, shipping or disposal of hazardous waste, chemical materials or fuel supplies; if there are any underground or suspended transformer, capacitors, etc. containing PCB's on the subject property or if there are any underground storage tanks.

As part of this environmental survey, inquiry was made with the U.S. Environmental Protection Agency and appropriate State and Local Agencies in order to ascertain the location of any potential, alleged or known hazardous waste sites within a one half mile radius of subject property. The CERCLIS (Comprehensive Emergency Response, Compensation and Liability Information System) is the U.S. EPA's compilation of such alleged, potential or known hazardous waste sites brought to the attention of the U.S. EPA Office of Emergency and Remedial Response, which has been, will be or are currently under investigation for suspected or known environmentally hazardous activities. The National Priorities List (NPL) is the U.S. EPAs listing of known contaminated sites, which have been targeted for clean-up due to the immediate threat posed to human health, and/or the environmental integrity of that property as well as its marketability.

If appropriate inquiry was also made with the US Environmental Protection Agency and appropriate State and Local agencies regarding their acknowledgment that the presence and/or disposal of hazardous or toxic chemicals, if any, are within their guidelines and compliance.

Recommendations, wherever appropriate, have been given as to the action, if any, which should be taken to confirm with the most current guidelines and rules for compliance as set forth by these agencies.

The Phase I Environmental Survey is limited in budget and scope. No sampling, testing or laboratory analysis is conducted unless so noted and the assessment is based on the professional opinion of the Environmental Consultant. The Phase I Environmental Survey is not and should not be considered a warranty or guarantee about the presence or absence of environmental contaminants which might affect the subject property.

The owner is responsible for investigating environmental liens on the subject property. This report was prepared in accordance with AAI & ASTM E-1527-05 protocols for Phase I Environmental Site Assessments.

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EXECUTIVE SUMMARY

SITE DESCRIPTION

- The subject property is known as 595-661 Smith Street, Borough of Brooklyn, New York. Based on NYCDOB, the subject property is listed in Blocks: 489, 491, 493 and 495, Lots: 1. The subject property's occupancy code with the NYCDOF is listed as E9-Warehouse in zoning district M3-1 (General Manufacturing District).
- The parcels are irregular shaped which is approximately 184,933 square feet in size combined, and is bounded to the east and south by the Gowanus Canal and to the west by Smith Street. A chain-link fence borders the subject property on the west along Smith Street.
- The subject property was developed prior to 1904 and utilized mainly as warehouse/storage.
- The subject property is situated in a mixed neighborhood with mostly industrial and commercial properties.
- During our site reconnaissance, the subject property was not accessible.

ASBESTOS

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
	Block 489		
Entire	*N/A*	*N/A*	*No access gained into the buildings on the subject lot.*

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
	Block 491		
Entire	*N/A*	*N/A*	*No access gained into the buildings on the subject lot.*

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
	Block 493		
Entire	*N/A*	*N/A*	*Limited access gained into the buildings on the subject lot.*

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
	Block 495		
Entire	*N/A*	*N/A*	*Visually no Presumed Asbestos Containing Materials (PACM) were identified.*

Please note: NO core samples were taken during this inspection unless noted, in the event of change in present status, e.g., demolition, alteration, modification, all suspect materials should be tested and verified free of any ACM by a certified asbestos investigator.

LEAD PAINT

- During our site reconnaissance, no presumed lead based was noted on the exterior of the buildings. ***In the event of change in present status, e.g., demolition, alteration, modification, all suspect materials should be tested and verified free of Lead by a certified inspector.***

EXECUTIVE SUMMARY

FUEL OIL AND GASOLINE STORAGE TANK

- During our site reconnaissance, visual no fuel oil or gasoline fill and/or vent lines were noted on the exterior or within the accessible areas of the buildings.
- Historic Sanborn maps identified Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (UST) possible gasoline on Block 493.

PCB's

- During our site reconnaissance, no transformers and/or possible containments of PCBs were identified.

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

- During our site reconnaissance, no chemical or hazardous waste storage was identified.

SURROUNDING AREAS

NORTH	SMITH STREET FOLLOWED BY COMMERCIAL PROPERTIES
SOUTH	GOWANUS CANAL FOLLOWED BY COMMERCIAL/INDUSTRIAL PROPERTIES
WEST	GOWANUS CANAL
EAST	COMMERCIAL PROPERTIES

SITE HISTORY

- In reviewing the history of the site, a Sanborn Map Search was conducted and it was determined that **Blocks 489, 491, 493 and 495** were developed prior to the early 1900's.

  Block 489, Lot 1 was developed and utilized as Graik Warehousing and part of S.W. Bowne Company from the early 1900's to the late 1910's; from 1930's to 1950's the lot was utilized as Bowne-Morton's Stores and approved public warehouses; from 1950's to 1970's Marra Brothers, Inc. utilized the lot. From 1970's to the early 1980's, the lot was utilized as part of Pittson Stevedoring and from the mid 1980's to the 1990's part of Bridgeston).

  Block 491, Lot 1 was developed and utilized as hay storage/sheds and part of S.W. Bowne Company from the early 1900's to the 1910's; from 1930's to 1950's Bowne-Morton's Stores Inc utilized the site as storage and offices. Black Diamond Cargo Line occupied the lot as part of their storage and offices from the 1950's to 1970. From 1970's to 1980's Pittston Stevedoring Cargo Storage utilized the lot. From 1980's to 1990's the lot was part of Bridgeston.

  Block 493, Lot 1 was developed and utilized as part of Barrett Manufacturing for storage and shipping and open dock shed with offices. Barrett utilized approximately nine (9) Aboveground Storage Tanks (AST) and two (2) Underground Storage Tanks on the lot. Colonial Sand and Storage Company utilized the lot in the 1950's. From 1950's to 1960's Black Diamond Cargo Line utilized the lot. From 1970's to 1980's Pittston Stevedoring Cargo Storage utilized the lot. The lot was then utilized by Bridgeston from the 1980's to 1990's.

EXECUTIVE SUMMARY

Block 495, Lot 1 was developed and utilized as part of American Ice Company in the early 1900's. N.Y. Knickerbocker Real Estate Company occupied the lot in the 1910's, Smith St. Dock Corporation utilized the lot as a storage facility from the 1930's to the 1950's, Mara Bros, Inc. utilized the lot from the 1950's to 1960's as storage, from the 1970's to 1980's Pittston Stevedoring occupied the lot and was utilized as cargo storage. The lot was then utilized by Bridgeston from the 1980's to 1990's.

EDR (ENVIRONMENTAL DATE RESOURCES) DATABASE SUMMARY

DATABASE	SEARCH DISTANCE	SITES LISTED
CERCLIS	½ MILE	1
CERC-NFRAP	½ MILE	2
CORRACTS	1 MILE	2
RCRA TSD	½ MILE	1
RCRA LG. QUAN. GENERATOR	¼ MILE	3
RCRA SM. QUAN. GENERATOR	¼ MILE	23
FUDS	1 MILE	1
DEL SHWS	1 MILE	1
STATE LANDFILL	½ MILE	10
SWRCY	½ MILE	2
LTANKS	½ MILE	51
HIST LTANKS	½ MILE	41
UST	¼ MILE	17
CBS UST	¼ MILE	1
MOSF UST	½ MILE	2
HIST UST	¼ MILE	18
AST	¼ MILE	6
CBS AST	¼ MILE	1
MOSF AST	½ MILE	2
MANIFEST	¼ MILE	22
NY SPILLS	1/8 MILE	21
NY HIST SPILLS	1/8 MILE	17
MANUFACTURED GAS PLANTS	1 MILE	5
TRIBAL – INDIAN RESERVE	1 MILE	0
TRIBAL – INDIAN LUST	½ MILE	0
TRIBAL – UST	¼ MILE	0

Due to poor or inadequate address information, approximately 43 sites were not mapped.

NOTES:
AQUIFLOW – see EDR Physical Setting Source Addendum
TP = Target Property
NR = Not Requested as this Search Distance

EXECUTIVE SUMMARY

PREVIOUS SITE ASSESSMENTS

- Singer Environmental Group, Ltd. (SEGL) conducted a Phase-I Environmental Site Assessment (ESA) for the subject property in February 2005. Several Recognized Environmental Conditions (RECs) were identified in SEGL's Phase-I:
  - Suspected Asbestos Containing Materials (ACM) non-friable floor tiles
  - Suspected Aboveground and Underground Storage Tanks
  - Onsite storage/warehousing of tar
  - Subsurface soil and groundwater contamination

- Fleming Lee Shue, Inc. (FLSI) conducted a Phase-II Environmental Investigation on the four (4) lots at the subject property in April 2005. FLSI identified Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) in the soil and groundwater samples collected and analyzed. With the exceeding VOCs and SVOCs, FLS notified the NYSDEC Spills Unit and **Spill number 05-00510** was generated on April 12, 2005.

- Don Carlo Environmental Services, Inc. (DCES) conducted a supplemental subsurface investigation on the four (4) lots in order to confirm FLS's laboratory data and conduct extended analysis. DCES's laboratory data identified VOC, SVOCs and some Heavy Metals in the soil and groundwater at the facility. It was concluded by DCES that Blocks 489 and 491 had levels of contamination which could be removed and disposed offsite legally under the supervision of the NYSDEC Spills Unit. Blocks 493 and 495 had levels of contamination which exceeded the regulations of the NYSDEC Spills Unit and should be addressed under the NYSDEC Brownfield's Unit.

CONCLUSIONS AND RECOMMENDATIONS

Based on review of pertinent records and previous site investigations, DCES recommends the development of a Remedial Action Plan (RAP) and Health and Safety Plan (HASP) for the subject property.

- The RAP and HASP should be prepared and presented to the respective departments of the NYSDEC for review prior to the remediation of the four (4) lots.
- An Asbestos inspection should be conducted on the entire property to determine the presence of Asbestos and its conditions. Based on findings of Asbestos and its condition; all ACM identified should be removed prior any disturbances (e.g. demolition/renovation).
- Open spill number with the NYS DEC, *Spill #: 05-00510* should be closed as per the state's protocols.

Prepared by:

Dhanraj Singh, CEI

Reviewed by:

Theodore Yen, P.E.

INTRODUCTION

GENERAL

The general purpose of this Phase-I Environmental Site Assessment is to determine whether or not the property is subject to certain Recognized Environmental Conditions *(RECs)* that may affect property use or increase the risk of liability exposure associated with the property. Recognized Environmental Conditions include the presence or possible presence of hazardous substances or petroleum related products that indicate an existing release, past release, or a significant threat of a release into structures on the property, into the ground, groundwater or surface water. Recognized Environmental Conditions can include past uses, disposal practices, spills, off-site contamination, and regulatory compliance.

This Environmental Site Assessments report includes a description of the subject property and surrounding areas, review of records and contains information gathered during site reconnaissance and interviews. Don Carlo Environmental Services (DCES) Phase-I Environmental Site Assessments are prepared by environmental professionals, supervised by Professional Engineers.

LIMITING CONDITIONS & METHODOLOGY UTILIZED

The limiting conditions and methodology used in preparing this Phase-I Environmental Site Assessments report are those contained in AAI rule and ASTM Standard E1527-05. This practice does not address requirements of any state or local laws or any federal laws other than the appropriate inquiry provisions of *CERCLA's "Innocent Landowner Defense"*. Users are cautioned that federal, state and local laws may impose environmental assessments obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on property that are not addressed in this practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

The report is not, and should not be construed as, a guaranty, warranty, or certification of the presence or absence of any toxic substances, (which can be made only with testing), and contains no formal plans or recommendations to rectify or remediate the presence of any toxic substances, (which may be subject to regulatory approval). No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice under AAI and ASTM Standards is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property.

Except for acts and omissions by DCES, or its employees which are shown to be grossly negligent and which represent intentional misconduct, the client has agreed, to the maximum extent permitted by law, to hold harmless and indemnify DCES from and against any and all claims and liabilities arising in respect to the Environmental Site Assessment performed by DCES on behalf of the client. All liability on the part of DCES shall be limited solely to the cost of this report. DCES shall have no liability for any other damages, whether consequential, compensatory, punitive, or special arising out of, incidental to, or as a result of this report. DCES assumes no liability for the use of this report by any person of entity other than the client for whom the report was prepared.

SURVEY FINDINGS

The Phase-I Environmental Site Assessment (ESA) survey was conducted on the property located at 595-661 SMITH STREET, BROOKLYN, NEW YORK beginning with a visual inspection of the lots and surrounding properties by an Environmental Professional (EP) to determine if hazardous or potentially toxic materials or substances might be present. A Phase-I Environmental Site Assessment does not involve any sampling, testing or laboratory analysis of on-site soil or groundwater, unless so noted and cannot confirm the nature of subsurface soil or groundwater quality on the subject property.

SITE INFORMATION

Location and Legal Description

The subject property is located at the address known as 595-661 Smith Street, City of Brooklyn, County of Kings in the state of New York. The lots are listed with NYCDOF occupancy code as E9-Warehouse and zoned in a general manufacturing district (M3-1).

Site and Vicinity Characteristics

The property site and vicinity characteristics listed below were analyzed utilizing a current USGS 7.5 Minute Topographic Map. This information is useful in determining the grade and topography of the subject property. It was determined that the property is primarily flat and there were no slopes, depressions or rolling hills observed on the subject property. The target property's elevation is approximately twelve feet (12') above sea level. The estimated direction of groundwater flow beneath the subject property is generally to the southeast, towards the Gowanus Canal as obtained from the groundwater contour maps developed by the United States Geologic Survey (USGS Groundwater Flow and USGS Contour Map).

Current Uses of the Subject Property

The subject property consists of the following:

Block 489 – (1) four-story warehouse utilized as a tire warehouse

Block 491 – (1) two-story plus cellar and (2) one-story buildings containing offices, a warehouse and a DEA storage

Block 493 – (1) one-story building warehouse utilized as a tire warehouse and sales office

Block 495 – (1) one-story building utilized as a tire warehouse and sales warehouse

Historical Usage of the Subject Property

A review of all reasonably ascertainable standard historical sources from the early 1900's to present was conducted in order to identify any prior use of the subject property or adjoining properties that could lead to the presence of Recognized Environmental Conditions (*RECs*) that may adversely affect the subject property. A review of the New York City Department of Assessment files, New York City Department of Buildings property profile overview and available Sanborn Fire Insurance Maps indicated that the subject lot was developed prior to 1900's and utilized as industrial properties.

A Sanborn site history "mapping and geographic" search was conducted for approximately 100 year span and 10 maps were provided with a gap from the mapped years 1904-1996 (see documentation).

YEAR	BLOCK: 489	BLOCK: 491	BLOCK: 493	BLOCK: 495
1904	Warehouse/Storage	Hay Storage	Barrett Manuf. Storage/Shipping	Amer. Ice Co.
1915	Warehouse/Storage	Hay Storage/Shed	Barrett Manuf. Storage/Shipping	NY Knickerbocker
1938	Warehouse/Storage	Hay Storage/Shed	Colonial Sand Co.	Dock Corp.
1950	Warehouse/Storage	Warehouse/Office	Cargo Storage	Dock Corp.
1969	Warehouse/Storage	Warehouse/Office	Cargo Storage	Cargo Storage
1977	Warehouse/Storage	Warehouse/Office	Cargo Storage	Cargo Storage
1979	Warehouse/Storage	Warehouse/Storage	Cargo Storage	Cargo Storage
1980	Warehouse/Storage	Warehouse/Storage	Cargo Storage	Cargo Storage
1988	Warehouse/Storage	Warehouse/Storage	Cargo Storage	Cargo Storage
1996	Warehouse/Storage	Warehouse/Storage	Warehouse/Storage	Warehouse/Storage

Current and Past Uses of the Surrounding Properties

The past and current use of the adjoining properties is mostly industrial and commercial. The property borders are as follows:

SURROUNDING AREAS	
NORTH	SMITH STREET FOLLOWED BY COMMERCIAL PROPERTIES
SOUTH	GOWANUS CANAL FOLLOWED BY COMMERCIAL/INDUSTRIAL PROPERTIES
WEST	GOWANUS CANAL
EAST	COMMERCIAL PROPERTIES

ENVIRONMENTAL SITE ASSESSMENT

Mr. Dhanraj Singh and Theodore Yen conducted a visual inspection of the subject property and surrounding areas on January 4, 2007.

GENERAL DESCRIPTION OF STRUCTURE

Improvements

The subject property is located at 595-661 Smith Street, Brooklyn, NY. The four lots are approximately 4.2 acres (approximately 185,000 square feet) in size combined and are currently developed one, two and four-story structures.

Streets

The subject property is situated northwest of the Gowanus Canal and southeast of Smith Street in Brooklyn.

Potable Water Supply

Potable water supply for the area is by the municipal water supply system within the vicinity.

Sewage Disposal

Sewage disposal for the area is connected to the municipal sewer system.

Heating and Cooling System

There are no heating and cooling system throughout the buildings.

RECORD REVIEW

FEDERAL ASTM STANDARD

CERCLIS

A review of the CERCLIS list, as provided and dated 08/09/2006 has revealed that there is one (1) CERCLIS site within approximately 0.5 miles of the target property.

CERCLIS-NFRAP

A review of the CERC-NFRAP list, as provided and dated 10/10/2006 has revealed that there are two (2) CERC-NFRAP sites within approximately 0.5 miles of the target property.

CORRACTS

A review of the CORRACTS list, as provided and dated 09/27/2006 has revealed that there are two (2) CORRACTS sites within approximately 1 mile of the target property.

RCRA-TSDF

A review of the RCRA-TSDF list, as provided and dated 06/13/2006 has revealed that there is one (1) RCRA-TSDF sites within approximately 0.5 miles of the target property.

RCRA LARGE QUANTITY GENERATOR

A review of the RCRA-LQG list, as provided and dated 06/13/2006 has revealed that there are three (3) RCRA-LQG sites within approximately 0.25 miles of the target property.

RCRA SMALL QUANTITY GENERATOR

A review of the RCRA-SQG list, as provided and dated 06/13/2006 has revealed that there are twenty-three (23) RCRA-SQG sites within approximately 0.25 miles of the target property.

FUDS

A review of the FUDS list, as provided and dated 12/31/2005 has revealed that there is one (1) FUDS site within approximately 1 mile of the target property.

STATE ASTM STANDARD

STATE HAZARDOUS WASTE DISPOSAL SITES

A review of the HSWDS list, as provided and dated 01/01/2003 has revealed that there is one (1) HSWDS site within approximately 0.5 miles of the target property.

DEL SHWS

A review of the DEL SHWS list, as provided and dated 08/04/2006 has revealed that there is one (1) DEL SHWS site within approximately 1 mile of the target property.

SWRCY

A review of the SWRCY list, as provided and dated 10/31/2006 has revealed that there are two (2) SWRCY sites within approximately 0.5 miles of the target property.

LEAKING TANKS

A review of the LTANKS list, as provided and dated 09/14/2006 has revealed that there are fifty-one (51) LTANKS sites within approximately 0.5 miles of the target property.

HISTORIC LEAKING TANKS

A review of the HIST LTANKS list, as provided and dated 01/01/2002 has revealed that there are forty-one (41) HIST LTANKS sites within approximately 0.5 miles of the target property.

UST

A review of the UST list, as provided and dated 09/14/2006 has revealed that there are seventeen (17) UST sites within approximately 0.25 miles of the target property.

CBS UST

A review of the CBS UST list, as provided and dated 01/01/2002 has revealed that there is one (1) CBS UST sites within approximately 0.25 miles of the target property.

MOSF UST

A review of the MOSF UST list, as provided and dated 01/01/2002 has revealed that there are two (2) MOSF UST sites within approximately 0.5 miles of the target property.

HIST UST

A review of the HIST UST list, as provided and dated 01/01/2002 has revealed that there are eighteen (18) HIST UST sites within approximately 0.25 miles of the target property.

AST

A review of the AST list, as provided and dated 09/14/2006 has revealed that there are six (6) AST sites within approximately 0.25 miles of the target property.

CBS AST

A review of the CBS AST list, as provided and dated 01/01/2002 has revealed that there is one (1) CBS AST site within approximately 0.25 miles of the target property.

MOSF AST

A review of the MOSF AST list, as provided and dated 01/01/2002 has revealed that there are two (2) MOSF AST sites within approximately 0.5 miles of the target property.

NY MANIFEST

A review of the NY MANIFEST list, as provided and dated 10/26/2006 has revealed that there are twenty-two (22) NY MANIFEST sites within approximately 0.25 miles of the target property.

NEW YORK SPILLS

A review of the NY SPILLS list, as provided and dated 09/14/2006 has revealed that there are twenty-one (21) NY SPILLS sites within approximately 0.125 miles of the target property.

NEW YORK HISTORIC SPILLS

A review of the NY HIST SPILLS list, as provided and dated 01/01/2002 has revealed that there are seventeen (17) NY HIST SPILLS sites within approximately 0.125 miles of the target property.

PROPRIETARY RECORDS

MANUFACTURED GAS PLANTS (MGP)

A review of the MGP list, as provided has revealed that there are five (5) MGP sites within approximately 1 mile of the target property.

TRIBAL RECORDS

TRIBAL DATABASE

A review of the TRIBAL DATABASE list, as provided has revealed that there is NO site within approximately 1 mile of the target property.

FINDINGS AND RECOMMENDATIONS

The following are recommendations based on the Phase I Environmental Survey conducted at the property located at 595-661 SMITH STREET, BROOKLYN, NEW YORK.

On January 4, 2007, a Phase I Environmental Site Assessment of the above-mentioned property was conducted in accordance with the generally accepted assessment protocol. The Phase I Environmental Site Assessment relied primarily on visual observations made during inspection and review of available historical documents as they relate to current and past usages of the subject property. Additionally, the immediate vicinity of the subject property was inspected in order to ascertain the likelihood of toxic or hazardous substances or other agents to be present at surrounding locations, which might adversely affect the subject site.

THE FOLLOWING ARE FINDINGS AND RECOMMENDATIONS MADE BY A DON CARLO ENVIRONMENTAL CONSULTANT:

In reviewing the history of the subject property, a Sanborn Map Search was conducted and it was determined that **595-661 Smith Street, Brooklyn, NY,** consisted of a club house prior to 1981 and then became a vacant lot.

Asbestos Containing Materials (ACM)

Asbestos is the generic name for a group of naturally occurring hydrated mineral silicates that are characterized by fibers or bundles of fine single crystal fibers. The New York City Department of Environmental Protection defines asbestos containing materials as "any material which contains more than one percent asbestos by weight." Asbestos materials were used for many years in a variety of ways in building construction due to its excellent acoustic insulating and thermal barrier properties. The durability of asbestos fibers and their small size and fibrous shape make asbestos an unusual environmental contaminant. Water infiltration, contact during routine maintenance and age are major factors breaking down asbestos containing materials and creating exposure problems. According to the Environmental Protection Agency and included in the publication #EPA 560/5-85-024 "Guidance for Controlling Asbestos Containing Materials (ACM) in Buildings "asbestos containing materials are found in three forms: (1) Sprayed or troweled on ceilings and walls and structural steel; (2) in insulation around hot and cold piping, ducts, boilers and tanks; and (3) in a non-friable state in products such as ceilings/ floor tiles, wallboards and outside materials such as shingles and roofing materials in general, ACM in the first two categories is of greatest concern, especially if it is friable, causing the materials to release fibers into the air.

Presumed Asbestos Containing Material (PACM)

No presumed asbestos containing materials were noted.

In the event of change in present status, e.g., demolition, alteration, modification, all suspect materials should analyzed and verify free of any ACM by a certified asbestos investigator.

Chemical or Hazardous Material/Waste Storage

At the time of our site reconnaissance, no storage of chemical or hazardous waste were identified.

Lead Paint

Paint samples were **NOT** taken for lead content, the subject property is vacant lots. However, in older buildings it is likely that lead based paint was used within the multi-layered painted surfaces. (Lead base paint was banned in 1978). Lead paint can be hazardous if digested, especially by small children.

In the event of change in present status, e.g., demolition, alteration, modification, all suspect materials should analyzed and verify free of Lead by a certified inspector.

Presence of PCB's in Transformers and Other Electrical Equipment

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyls). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The U.S. Environmental Protection Agency, Regulations 40 CFR Part 761, regulates the level of PCB content in such transformers and electrical equipment. Upon visual inspection, an out of service hydraulic lift was identified within the southwest portion of the lot. NO suspended transformers power supply sources were identified on the exterior of the subject property.

Fuel Oil and Gasoline Storage Tanks

The New York State Department of Environmental Conservation regulates the storage and handling of petroleum storage facilities. Aboveground and Underground storage tanks storing petroleum can, if not properly installed and maintained, because serious environmental problems include contamination of a water supply. In an effort to prevent leaks and spills, the Petroleum Bulk Storage Law (Article 17, Title 10 of the Environmental Conservation Law) requires the DEC to develop and enforce a State Code for the storage and handling of petroleum. The resulting regulations are Parts 612, 613 and 614. Any facility with a stationary tank combined capacity exceeding 1,100 gallons must be registered with the New York State Department of Environmental Conservation.

Visually no indications of fuel oil or gasoline tanks were noted, however, historic Sanborn maps identified aboveground storage tanks and possible underground gasoline storage tanks.

Radon

While radon has not been identified by the New York State Health Department as a major problem in Queens County, the problem is site-specific and the potential health risk should be assessed.

PUBLIC RECORDS REVIEW FROM SITE RECONNAISSANCE

Fire Department

A request was submitted to the NYC Fire Department (Brooklyn County) regarding any spills, PBS (Petroleum Bulk Storage etc.). To date, NO response has been received. Upon receipt, an addendum will follow.

Fire Department Violations, if any, should show up on the Title Report.

N.Y.S. D.E.C.

A request was submitted to the N.Y.S. Department of Environmental Conservation regarding any spills, PBS (Petroleum Bulk Storage etc.). To date, NO response has been received. Upon receipt, an addendum will follow.

Department Of Health

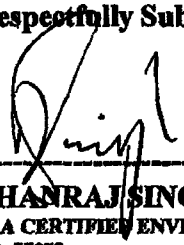
A request was submitted to the Department of Health regarding any violations, etc. To date, NO response has been received. Upon receipt, an addendum will follow.

REQUESTS MAY BE FORWARD AFTER CLOSING DATE.

Don Carlo Environmental Services, Inc. has conducted this Phase I Environmental Survey as an aid in determining the presence of potentially toxic or hazardous chemicals or substances as of the date of inspection. Observations are made herein and conclusions drawn are not to be considered as a warranty or guarantee, and are based solely upon those areas directly visible and observable, without the removal or alterations of any item or structure and reflect conditions as on the day of inspection.

Don Carlo Environmental Services, Inc. their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made not guarantees of the premises, expressed or implied in connection with this report, any liability, which each may have, shall be limited to the fee for the inspection of the property.

Respectfully Submitted by:



DHANRAJ SINGH
EAA CERTIFIED ENVIRONMENTAL INSPECTOR
NO. 77373
NEW YORK STATE ASBESTOS INSPECTOR
NO. 05-04256

Preliminary Budget:

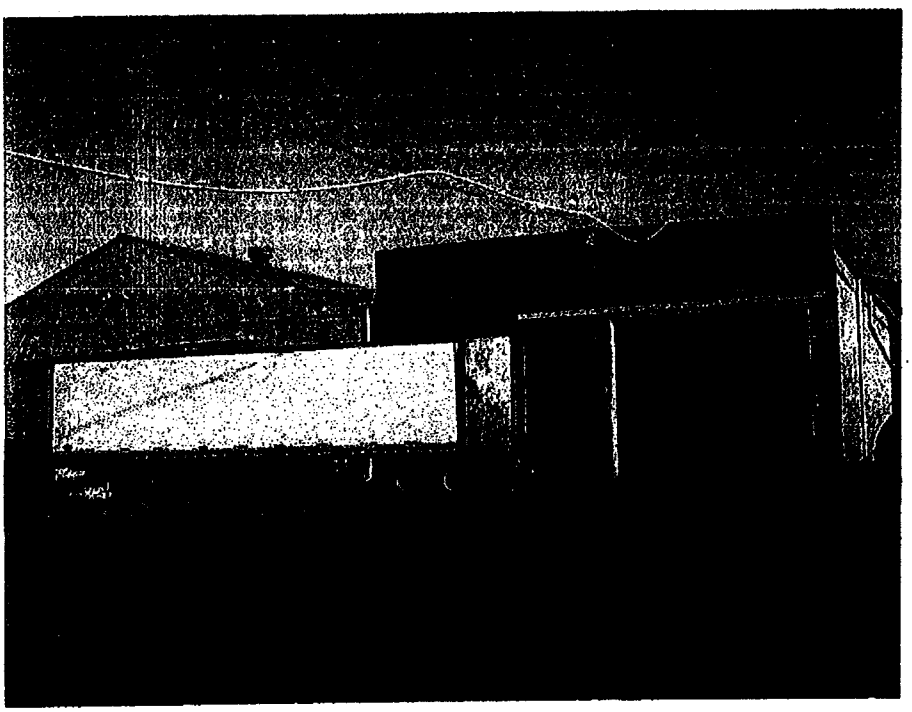
Item	Estimated Cost
Subsurface Remediation for Blocks: 489 & 491	**$1,980,000.00**
Subsurface Remediation and Monitoring for Blocks: 493 & 495	**$1,850,000.00**

SITE & SURROUNDING PROPERTIES PHOTOS

Smith Street Project

PHOTO LOCATION: Depicts south of the subject property

PHOTO LOCATION: Depicts north of the subject property



Smith Street Project

PHOTO LOCATION: Depicts north alongside the subject property

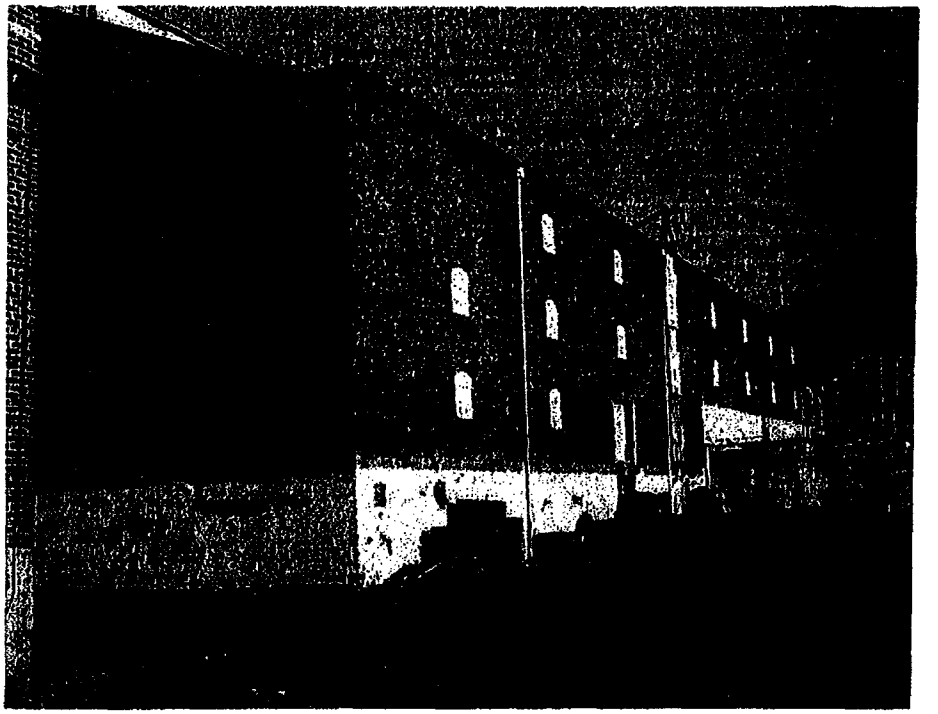
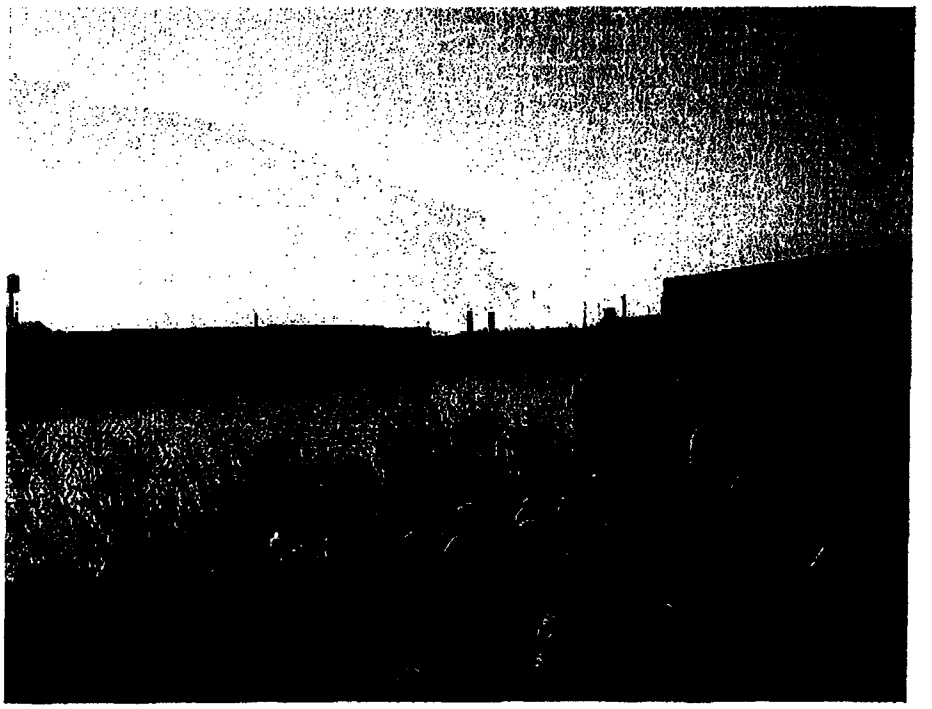


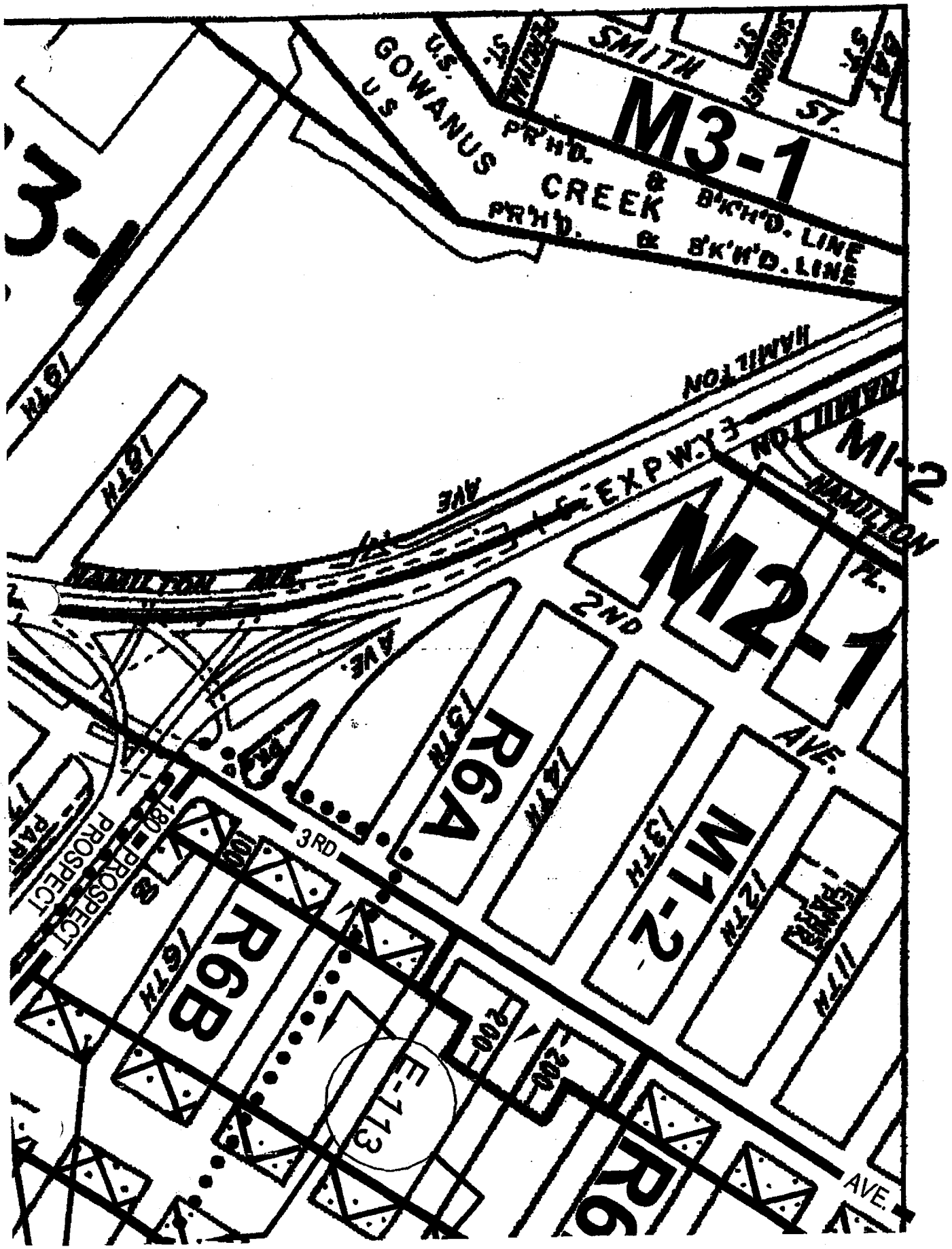
PHOTO LOCATION: Depicts south of the subject property



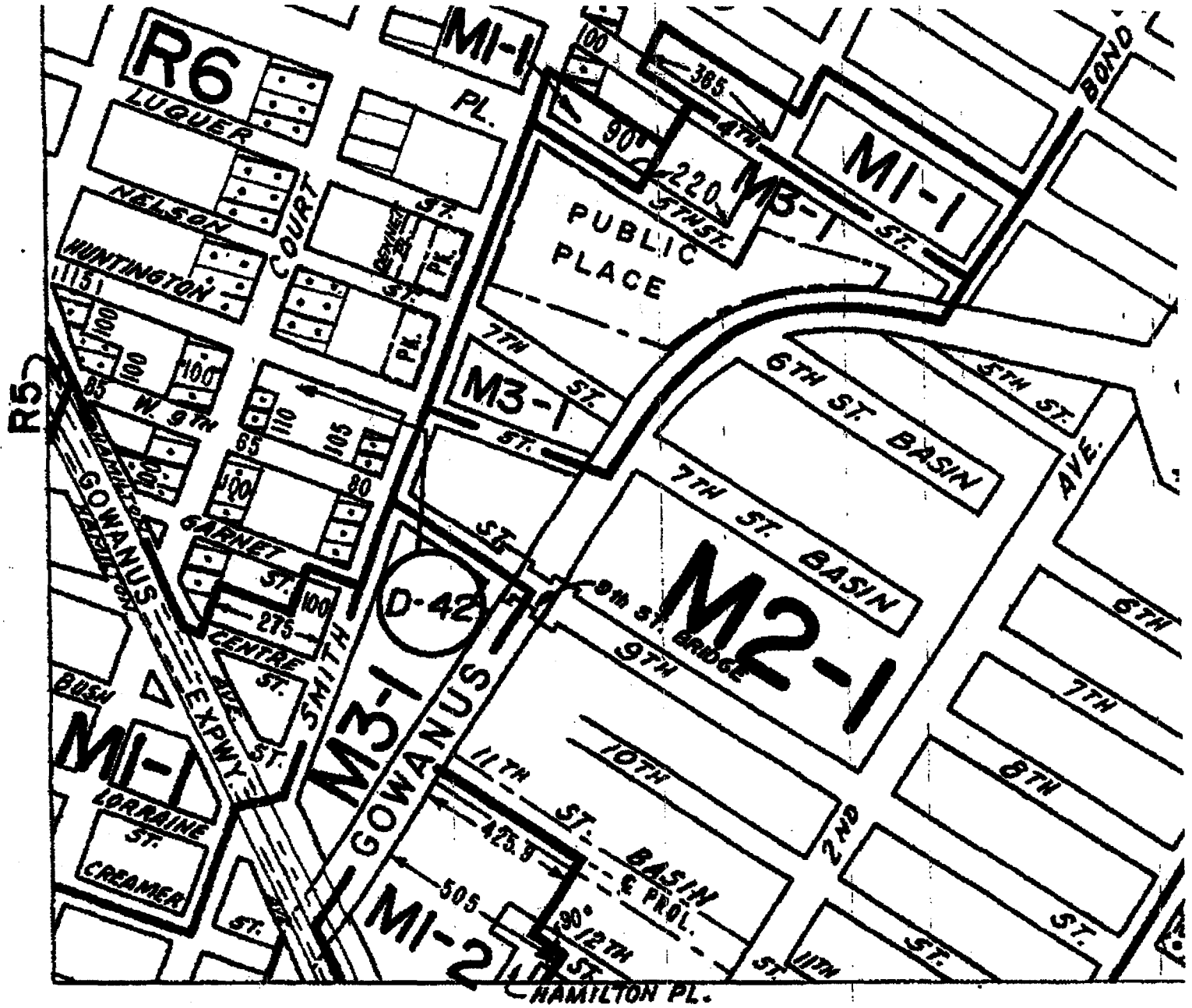
APPENDICES

The following sources were utilized in order to determine the physical setting of the subject site, current and past usage of the site and are researched in order to evaluate and Recognized Environmental Conditions that might have an adverse effect on the subject property.

- Zoning/Land Use Records
- Department of Assessment Records
- Building Department Records
- Sanborn Fire Insurance Maps
- Radius Map with GeoCheck



SMITH ST.
U.S. GOWANUS CREEK
M3-1
P'R'H'D. & B'K'H'D. LINE
P'R'H'D. & B'K'H'D. LINE
HAMILTON
EXPWY.
M1-2
HAMILTON AVE.
M2-1
2ND AVE.
R6A
15TH
14TH
13TH
12TH
11TH
M1-2
3RD AVE.
R6B
16TH
PROSPECT
180
200
E-113



600 0 600 1200 1800 FEET

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Property Profile Overview

595 SMITH STREET		**BROOKLYN 11231**		**BIN# 3336391**	
SMITH STREET	595 - 601	**Health Area**	: 4100	**Tax Block**	: 489
CREAMER STREET	258 - 258	**Census Tract**	: 55	**Tax Lot**	: 1
		Community Board	: 306	**Condo**	: NO
		Buildings on Lot	: 3	**Vacant**	: NO

View All Addresses... Browse Block View Certificates of Occup

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**DOB District:**	IBZ - INDUSTRIAL BUSINESS Z
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:		**Historic Lots:**	
Additional BINs for Building:	NONE		

Department of Finance Occupancy Code: E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as th the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB	0	0
Jobs/Filings	0	
PRA / ARA Jobs	0	
Total Jobs	0	
Total Actions	0	

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Property Profile Overview

611 SMITH STREET		**BROOKLYN 11231**		**BIN# 3336404**	
SMITH STREET	611 - 625	**Health Area**	: 4100	**Tax Block**	: 491
BAY STREET	236 - 236	**Census Tract**	: 55	**Tax Lot**	: 1
		Community Board	: 306	**Condo**	: NO
		Buildings on Lot	: 3	**Vacant**	: NO

View All Addresses... Browse Block View Certificates of Occup

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**DOB District:**	IBZ - INDUSTRIAL BUSINESS Z
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:		**Historic Lots:**	
Additional BINs for Building:	NONE		

Department of Finance Occupancy Code: E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as th the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	8	8
Violations-ECB	0	0
Jobs/Filings	0	
PRA / ARA Jobs	0	
Total Jobs	0	
Actions	2	

OR Enter Action Type:
OR Select from List:
Select...
AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information

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NYC Department of Buildings

Property Profile Overview

627 SMITH STREET — **BROOKLYN 11231** — **BIN# 3008216**

SMITH STREET 627 - 641

Health Area	: 4100	Tax Block	: 493
Census Tract	: 55	Tax Lot	: 1
Community Board	: 306	Condo	: NO
Buildings on Lot	: 1	Vacant	: NO

View All Addresses... Browse Block View Certificates of Occup

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		Special Status:	N/A
Local Law:	NO	Loft Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO	DOB District:	IBZ - INDUSTRIAL BUSINESS Z
Little 'E' Restricted:	N/A	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Historic Block:	493	Historic Lots:	1
Additional BINs for Building:	NONE		

Department of Finance Occupancy Code: E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as th the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB	0	0
Jobs/Filings	0	
PRA / ARA Jobs	0	
Total Jobs	0	
Actions	1	

OR Enter Action Type:
OR Select from List:
Select...
AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

NYC BUILDINGS

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

659 SMITH STREET		**BROOKLYN 11231**		**BIN# 3008217**	
SMITH STREET	643 - 661	**Health Area**	: 4100	**Tax Block**	: 495
		Census Tract	: 55	**Tax Lot**	: 1
		Community Board	: 306	**Condo**	: NO
		Buildings on Lot	: 1	**Vacant**	: NO

View All Addresses... Browse Block View Certificates of Occup

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**DOB District:**	IBZ - INDUSTRIAL BUSINESS Z
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:	495	**Historic Lots:**	1
Additional BINs for Building:	NONE		

Department of Finance Occupancy Code: E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as t the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB	0	0
Jobs/Filings	0	
PRA / ARA Jobs	0	
Total Jobs	0	
Total Actions	0	

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
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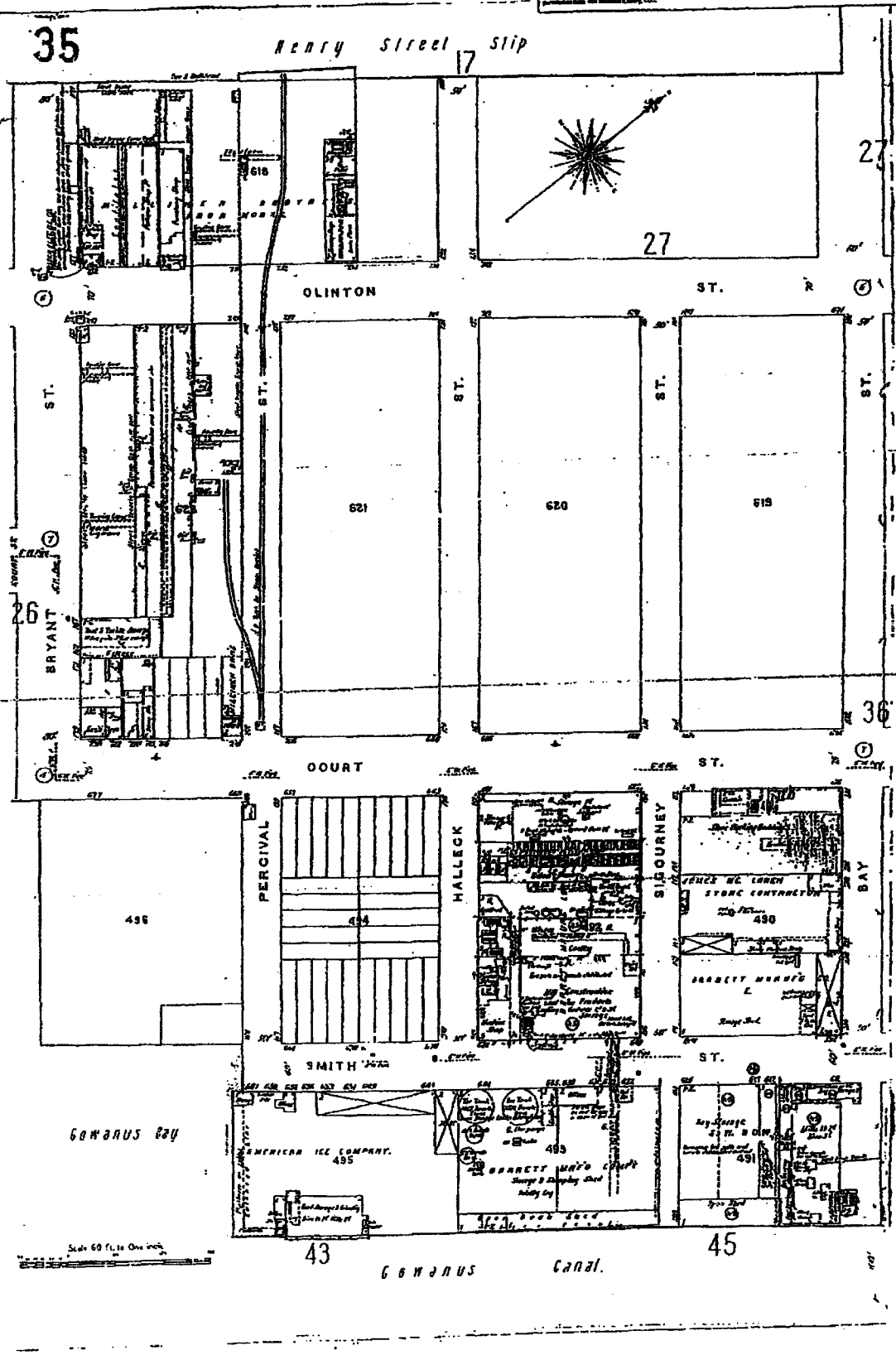

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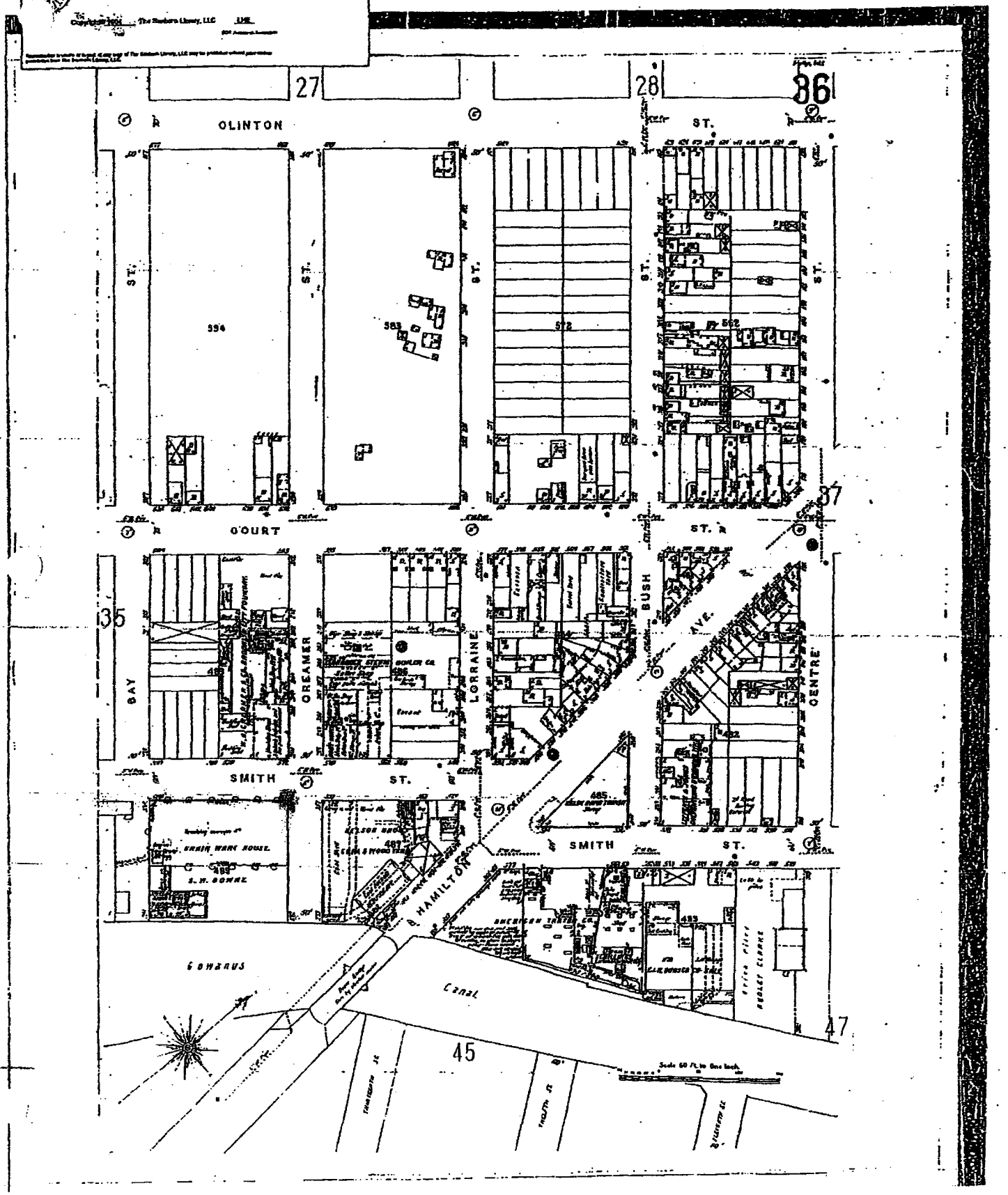

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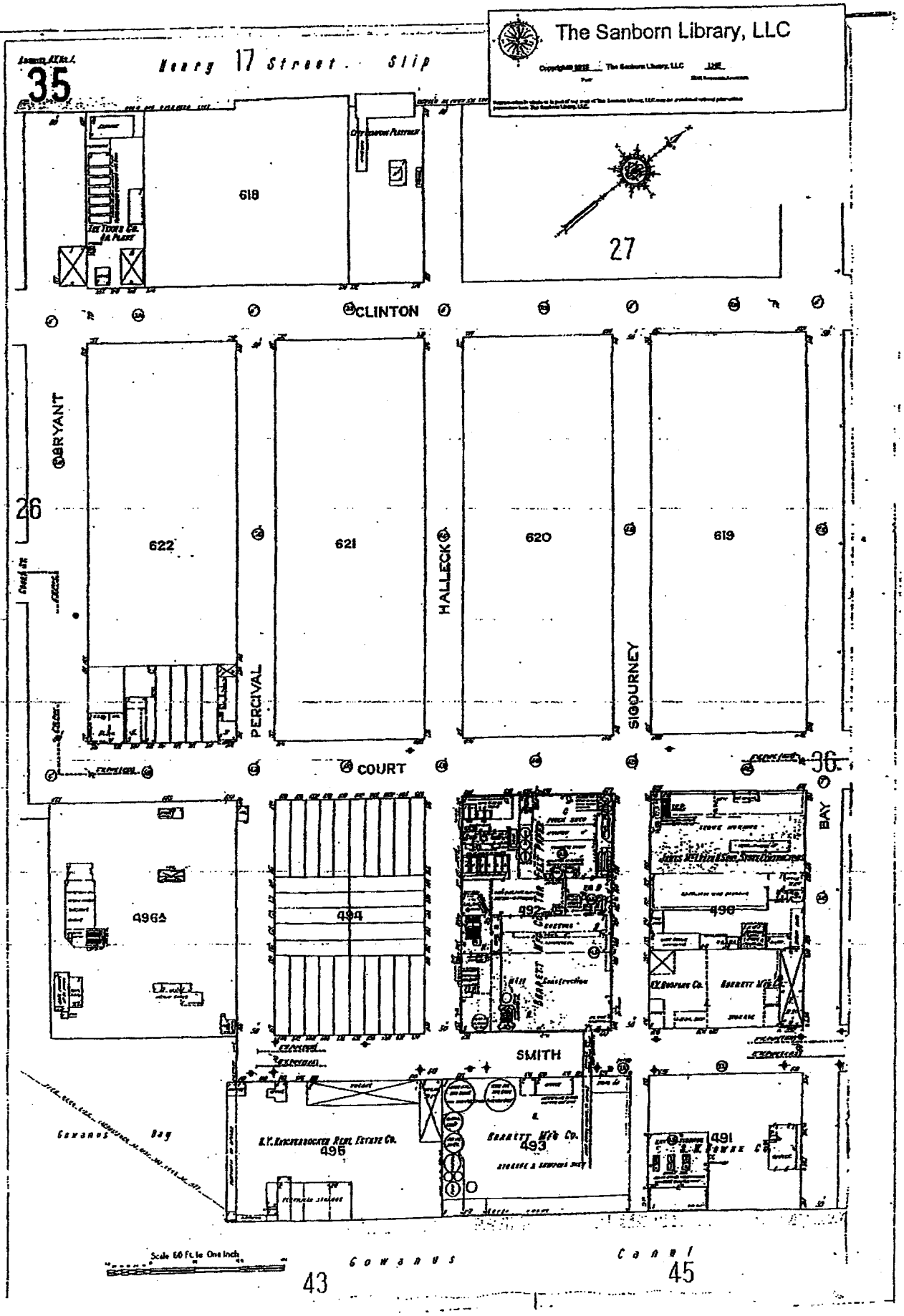

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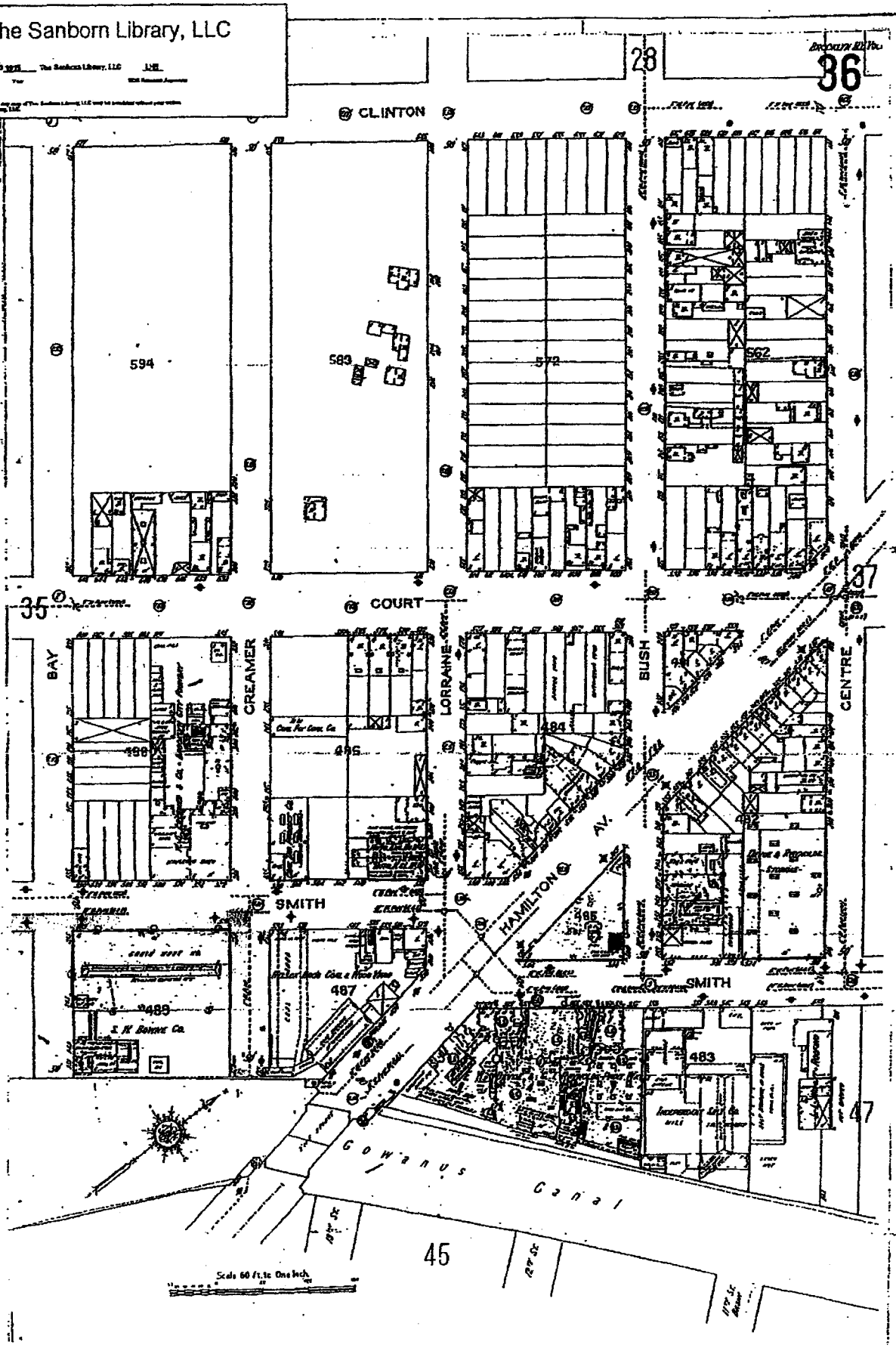

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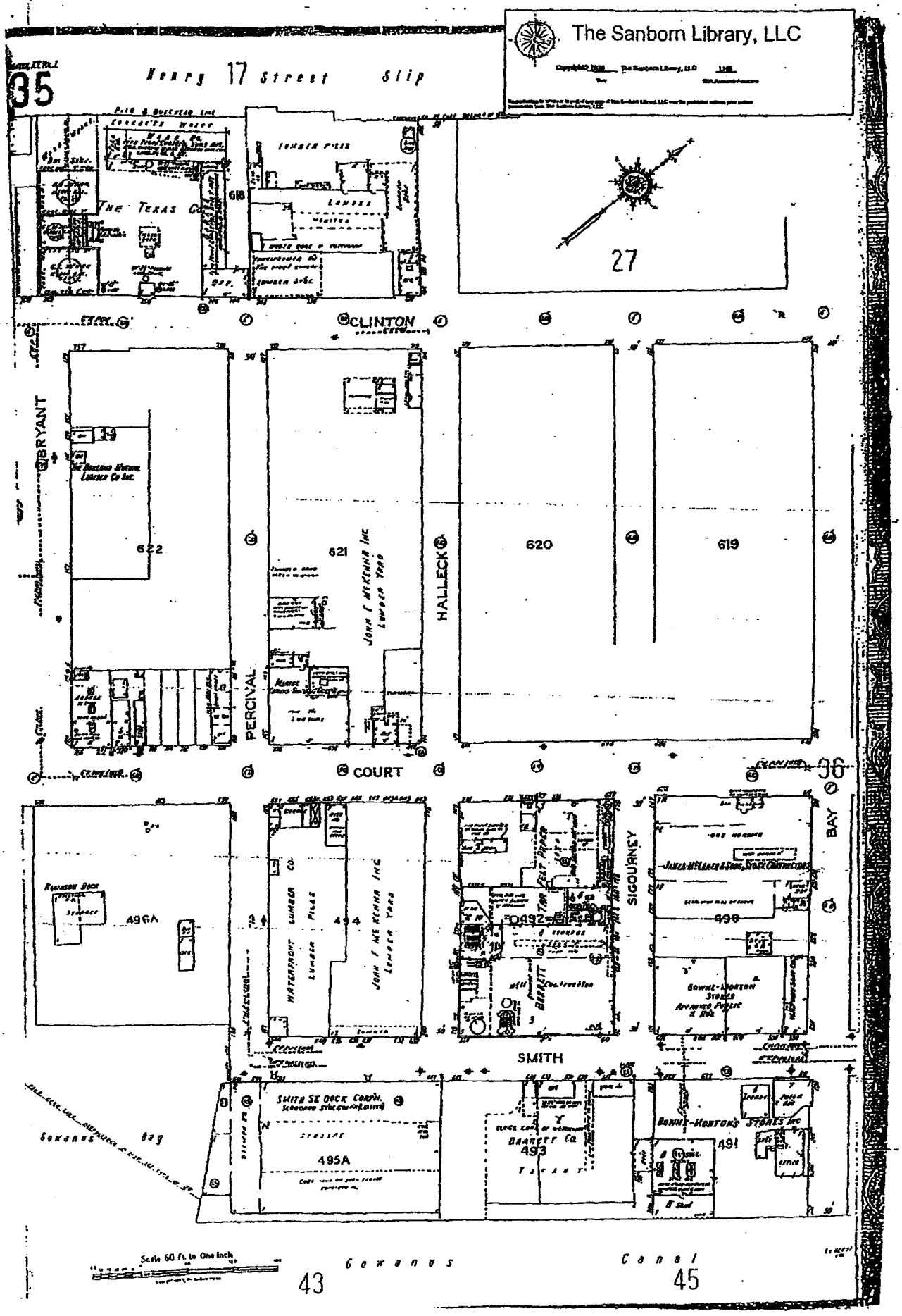

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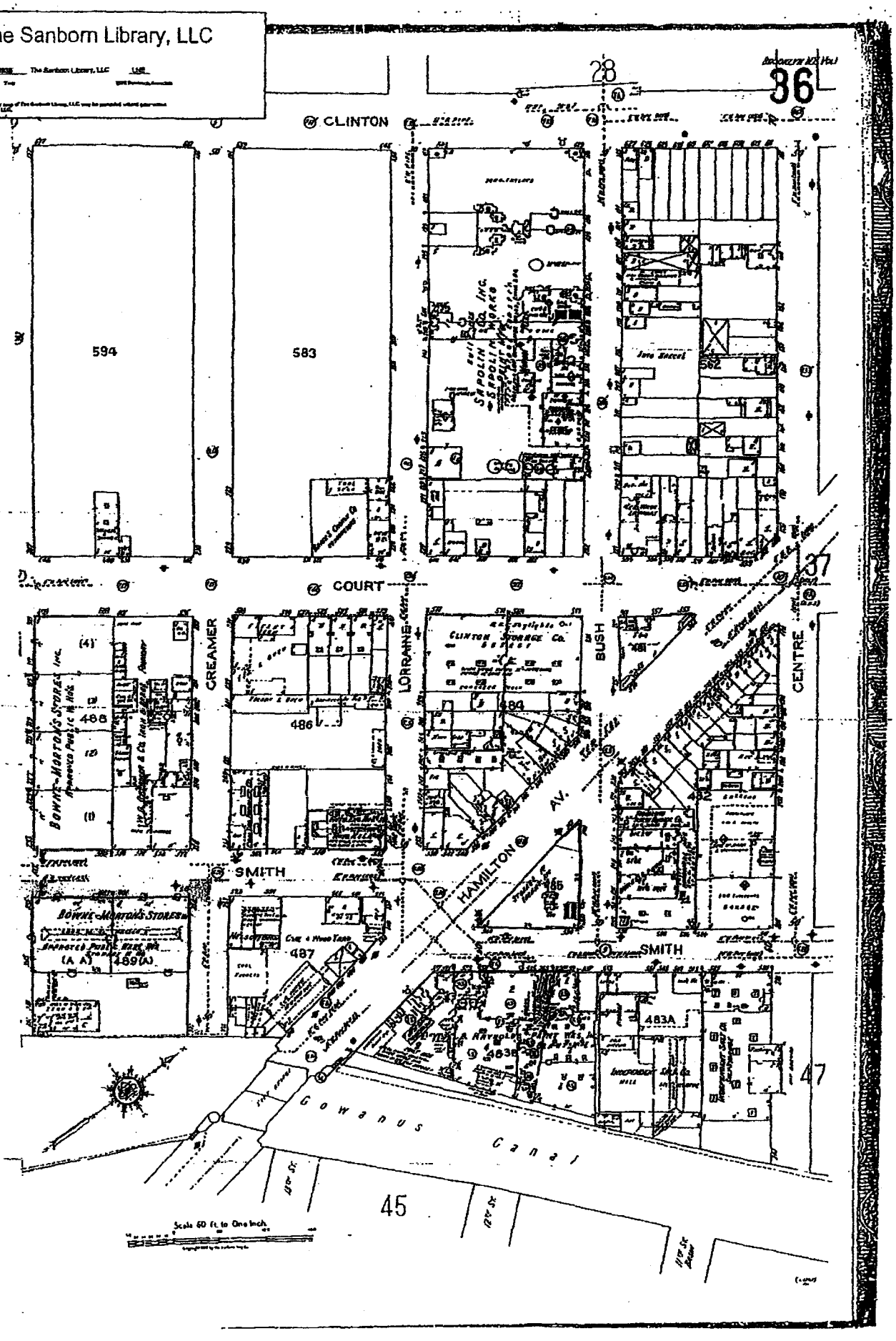

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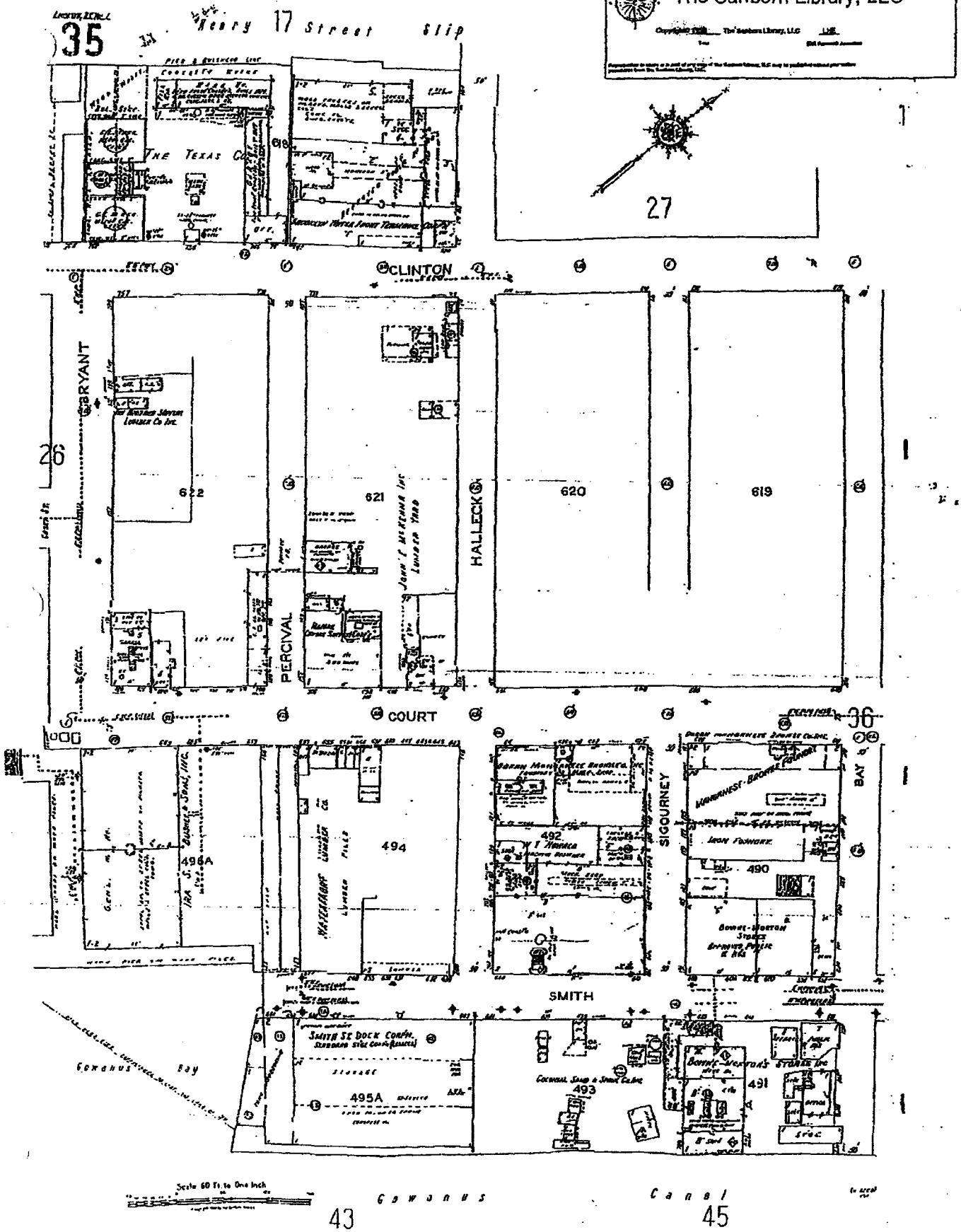

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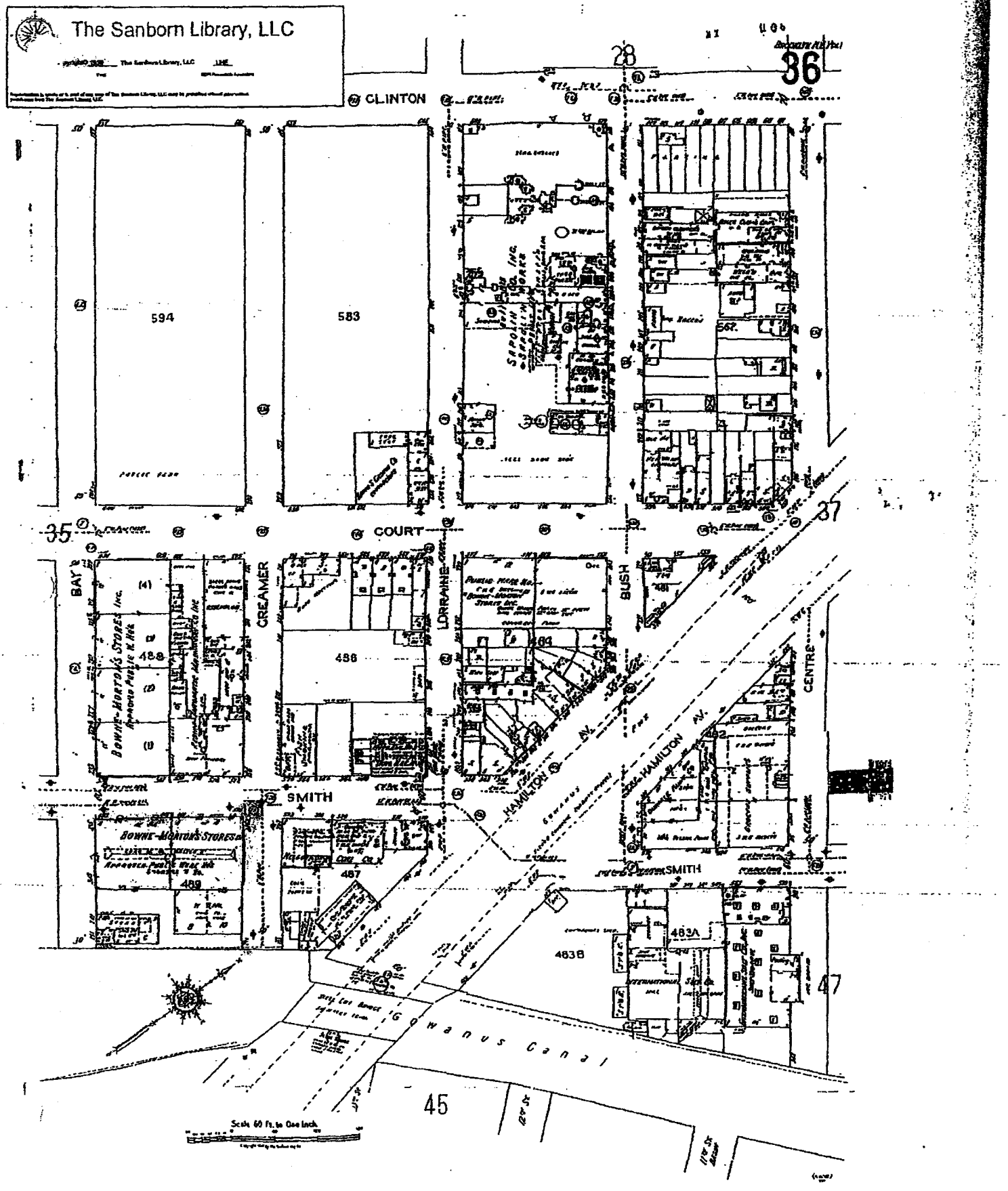

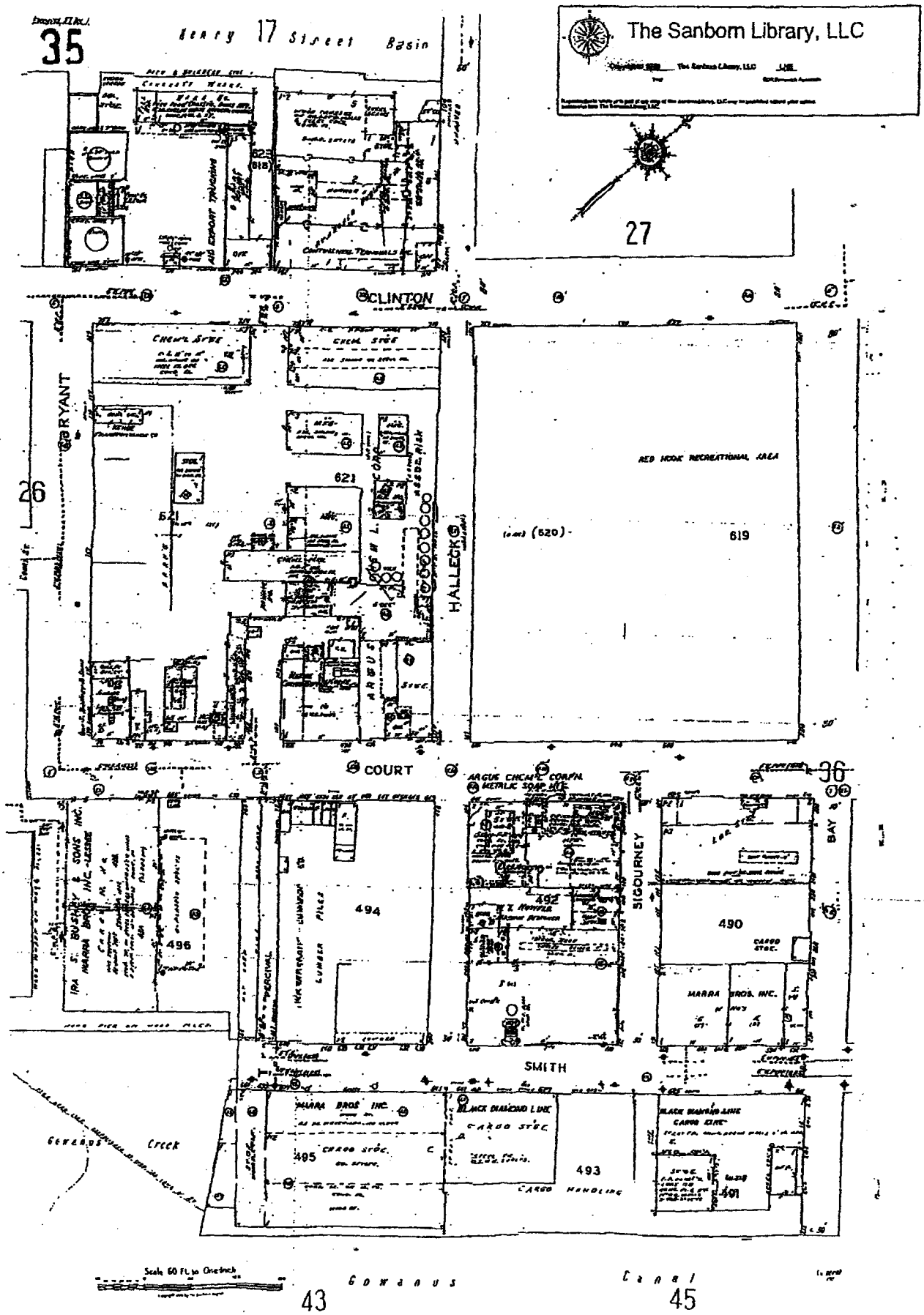
35
Henry 17 Street Basin
The Sanborn Library, LLC
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CLINTON
BRYANT
HALLECK
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619
RED HOOK RECREATIONAL AREA
(620)
COURT
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SIGOURNEY
SMITH
BAY
Gowanus Creek
Scale 60 Ft. to One Inch
Gowanus Canal
43
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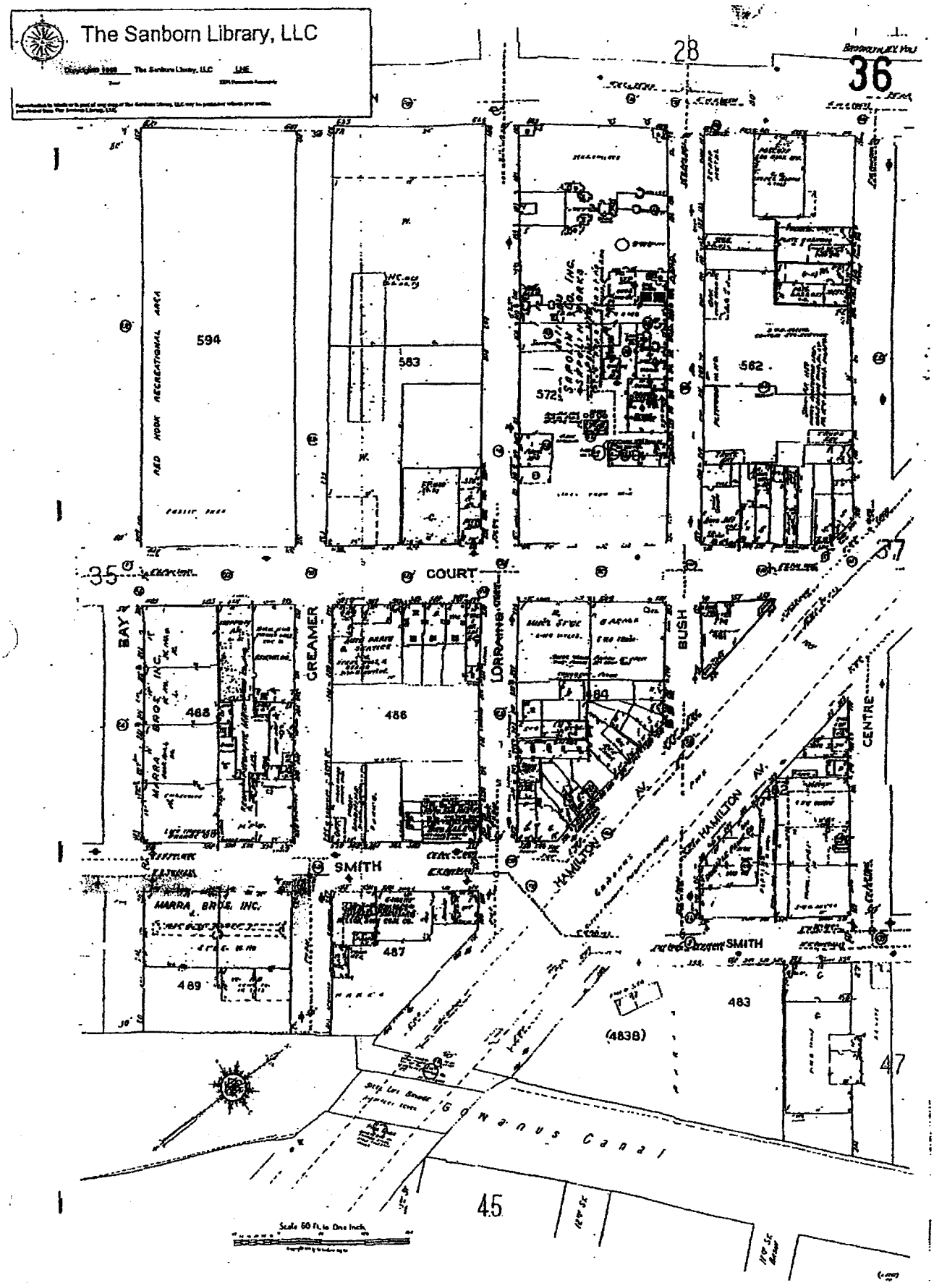
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COURT
BAY
CREAMER
LORRAINE
BUSH
CENTRE
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SMITH
MARRA BROS. INC.
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(483B)
HAMILTON AV.
Gowanus Canal
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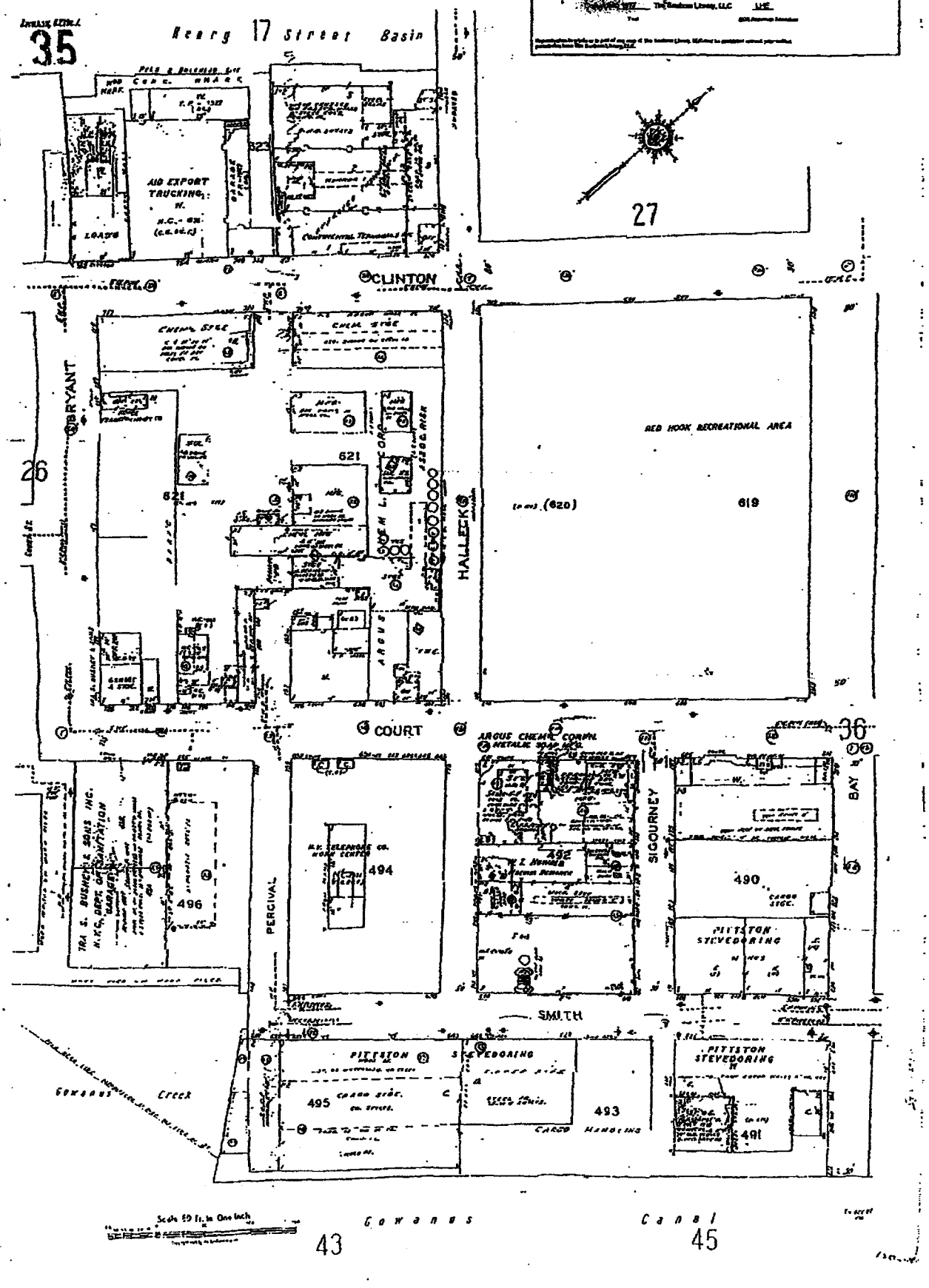
Scale 50 Ft. to One Inch

The Sanborn Library, LLC



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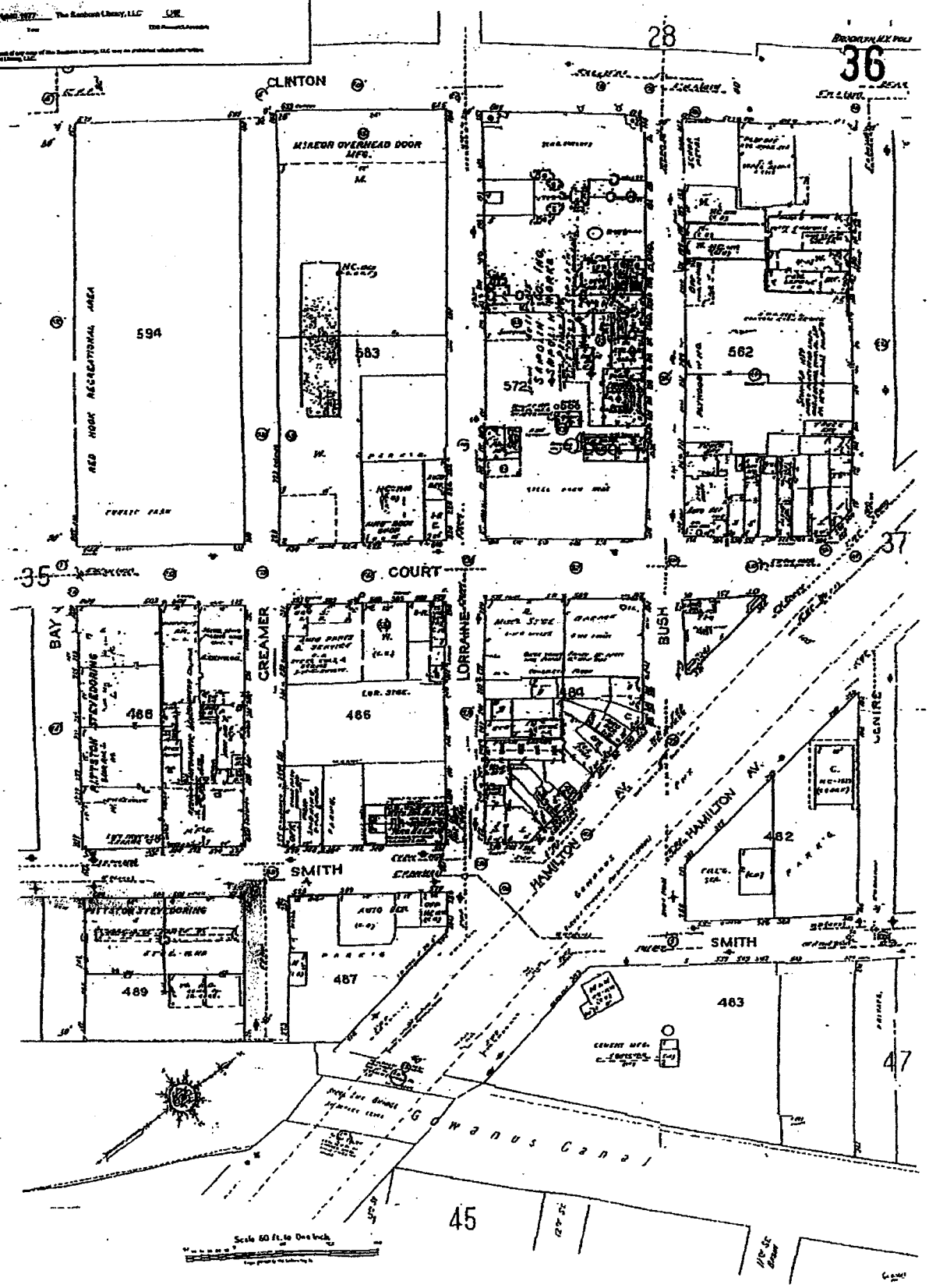

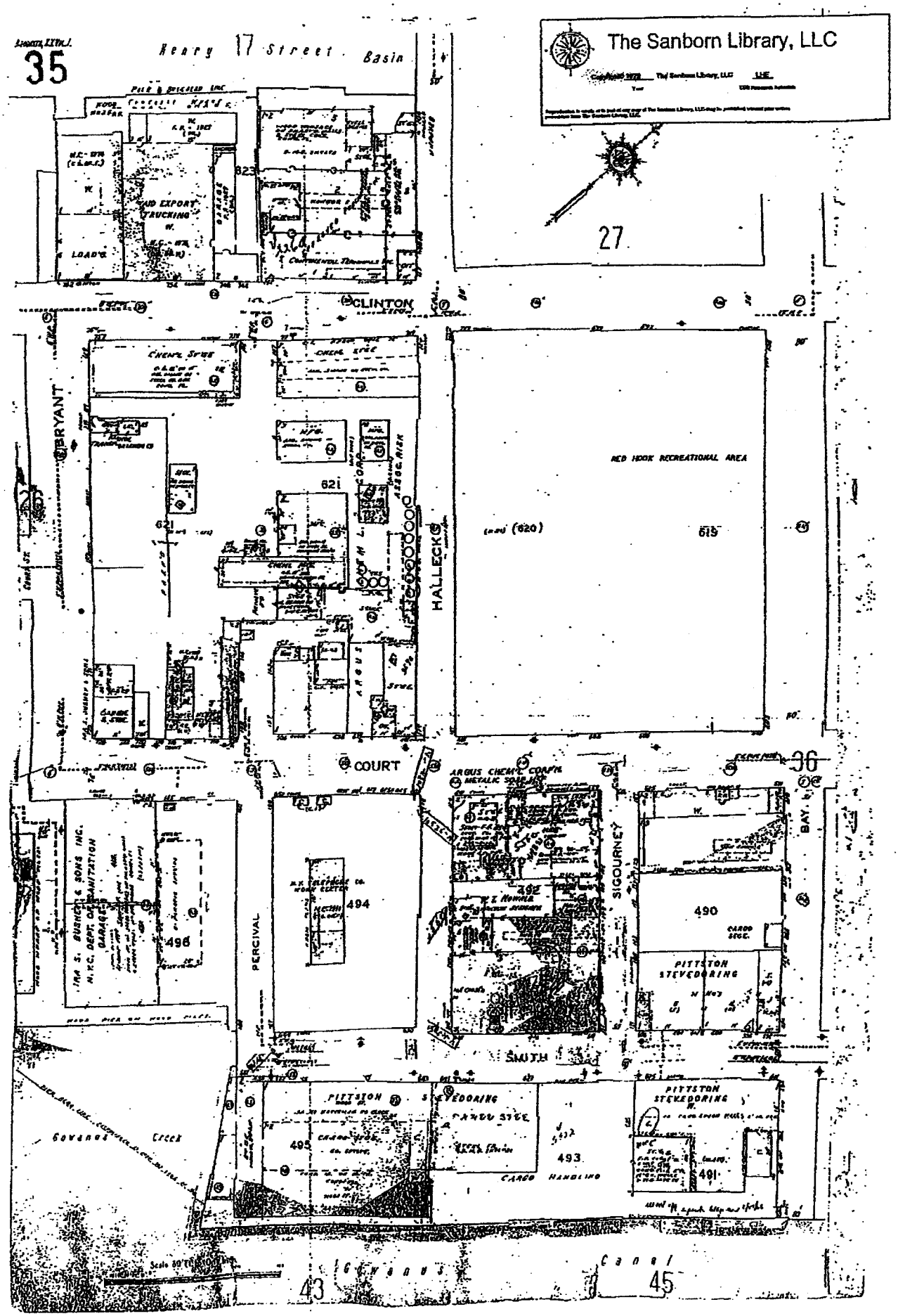
The Sanborn Library, LLC
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Henry 17 Street Basin
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CLINTON
BRYANT
HALLECK
RED HOOK RECREATIONAL AREA
(620)
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COURT
ARGUS CHEM'L CORP'N METALIC SOAP INC
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SIGOURNEY
BAY
PERCIVAL
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496
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PITTSTON STEVEDORING
SMITH
PITTSTON STEVEDORING
CARGO STGE
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CARGO HANDLING
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Gowanus Creek
Gowanus Canal
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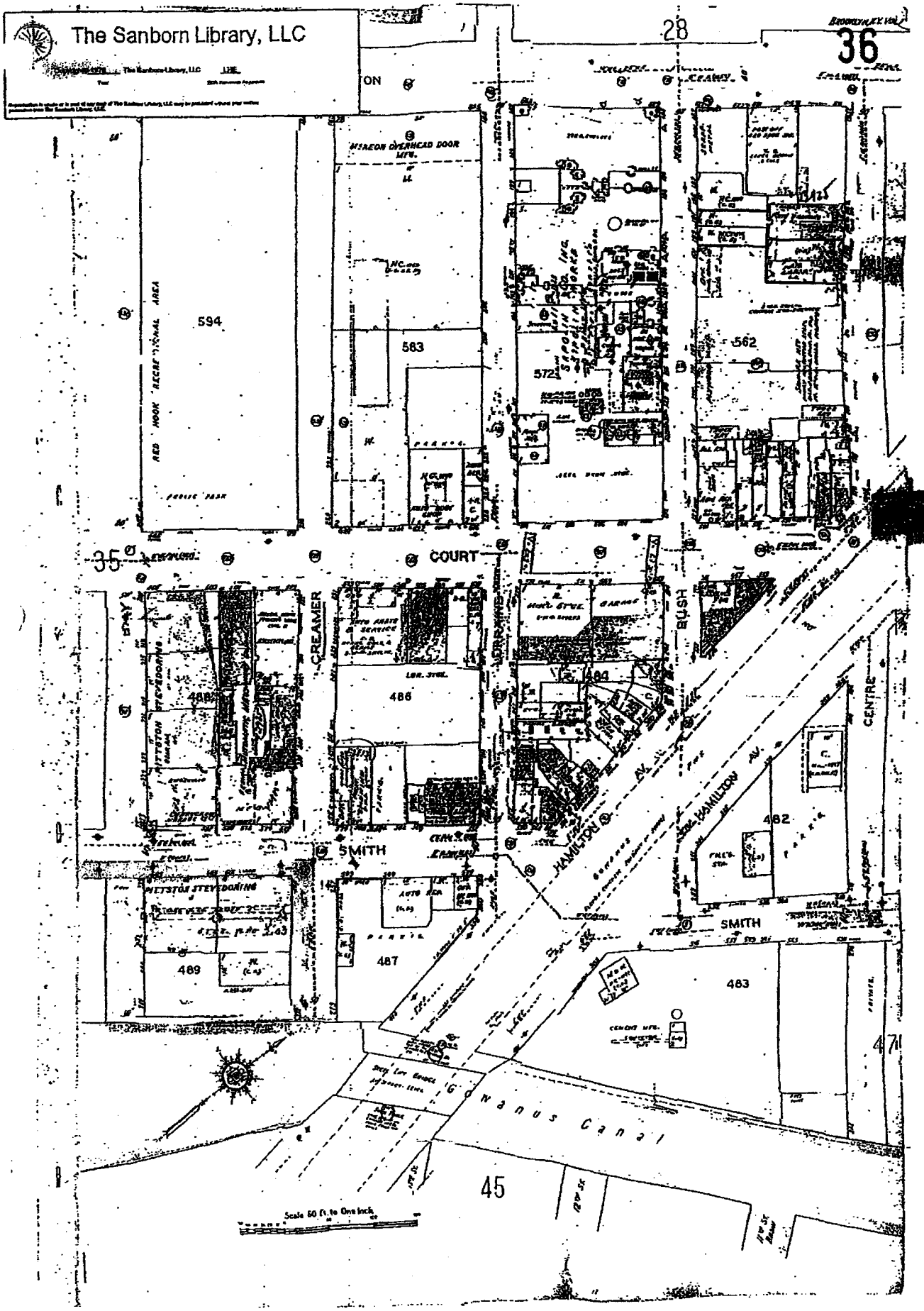
The Sanborn Library, LLC
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MAREON OVERHEAD DOOR MFG.
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CENTRE
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PITTSTON STEVEDORING
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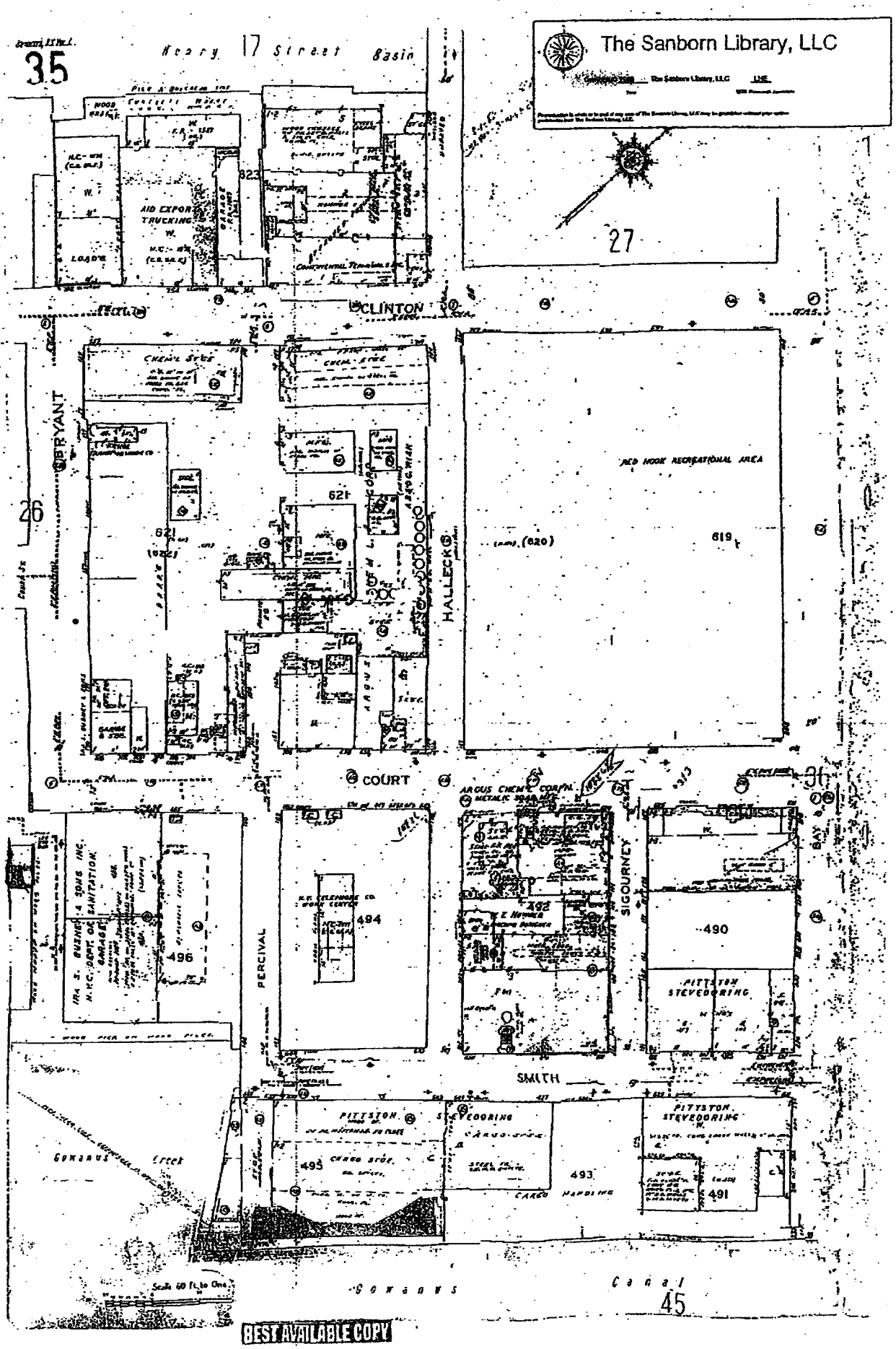
Scale 50 Ft. to One Inch



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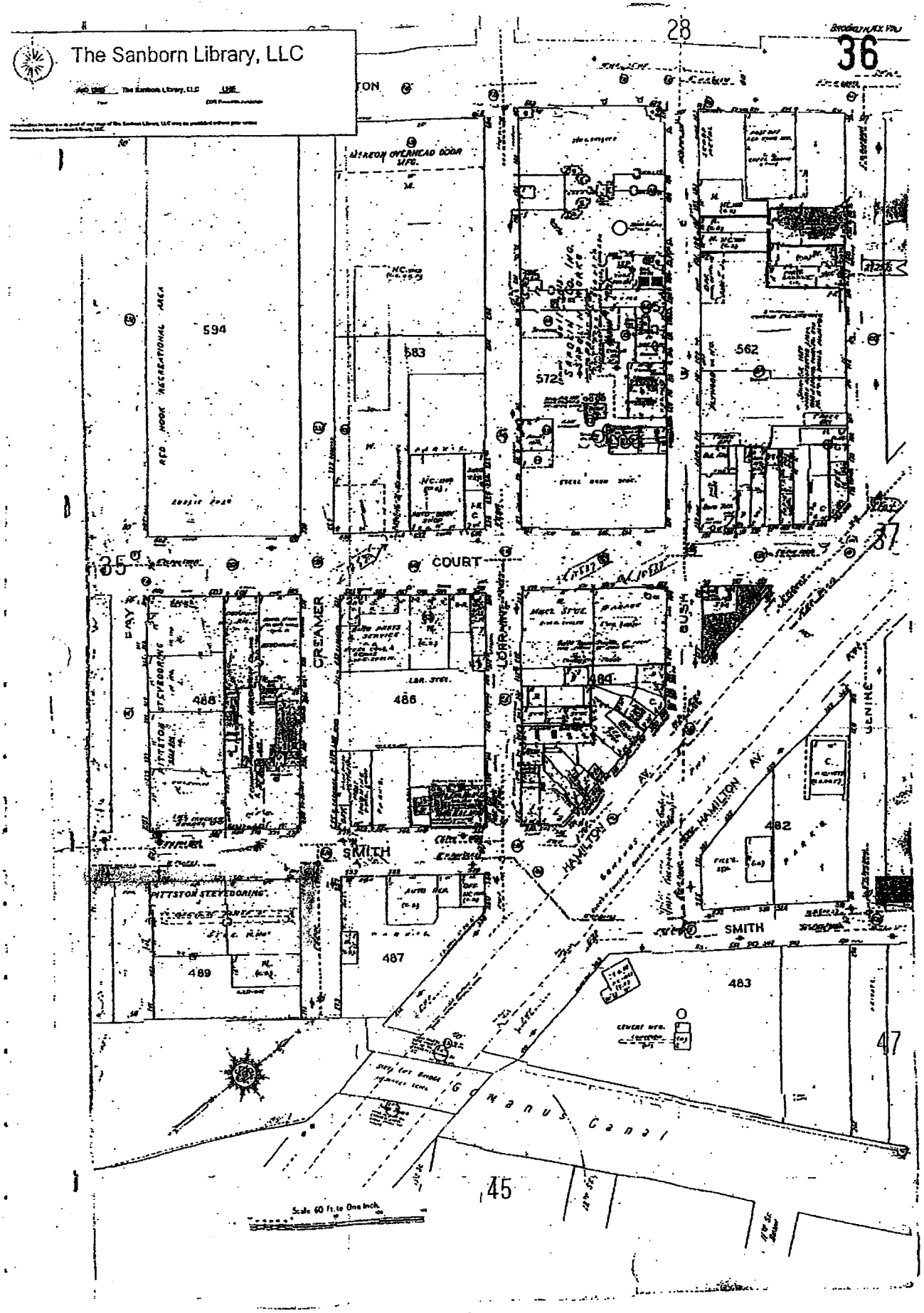

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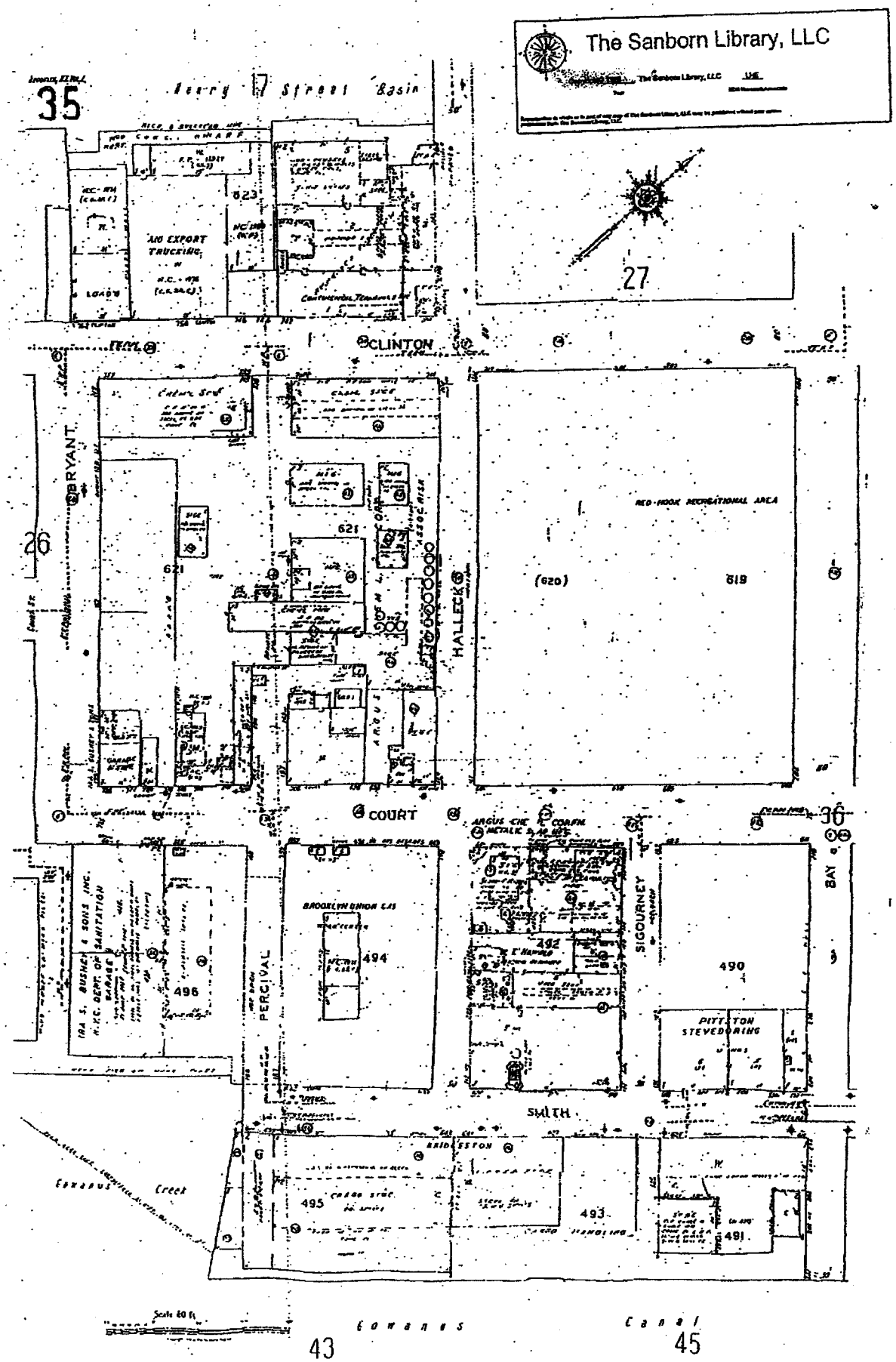

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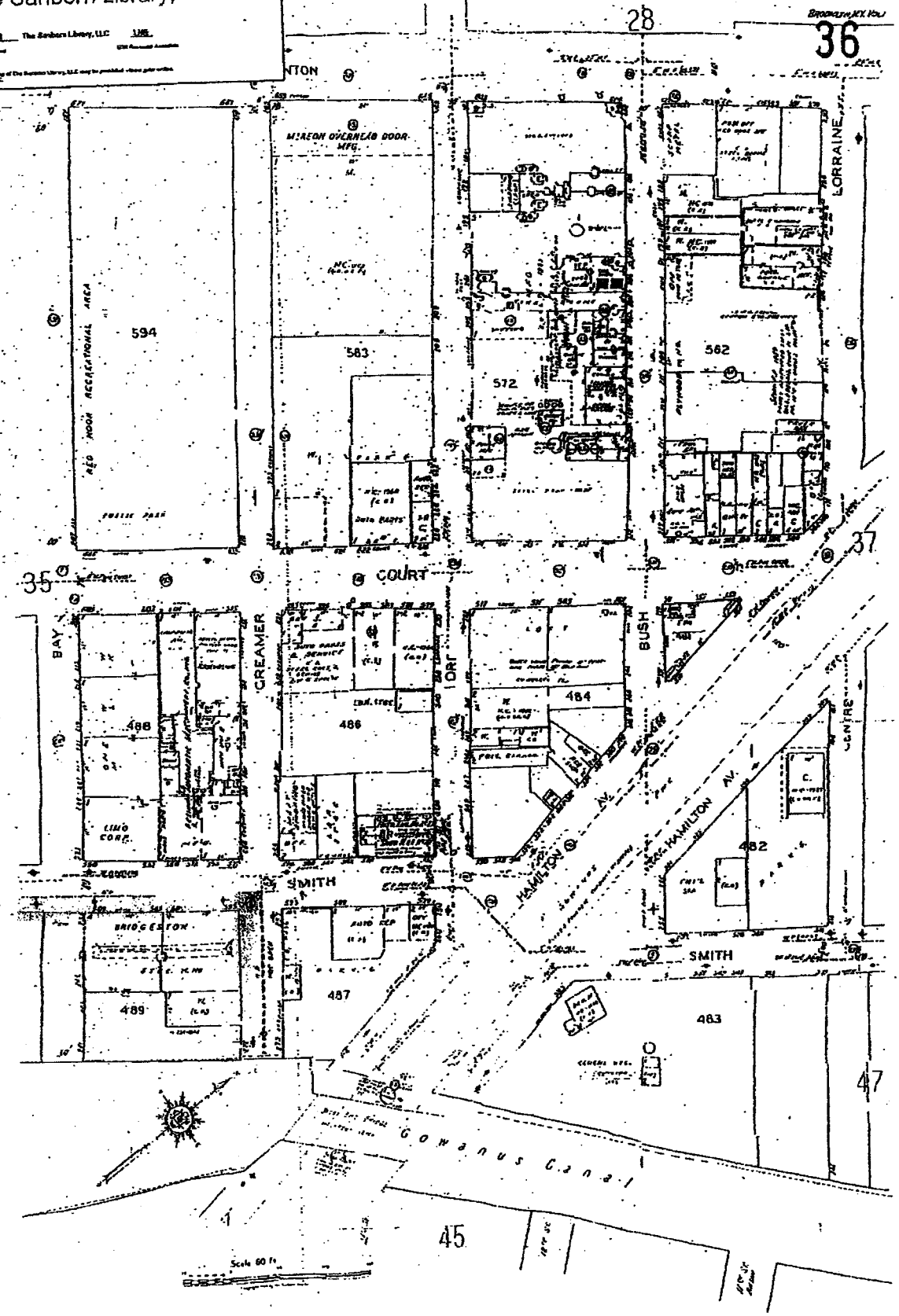

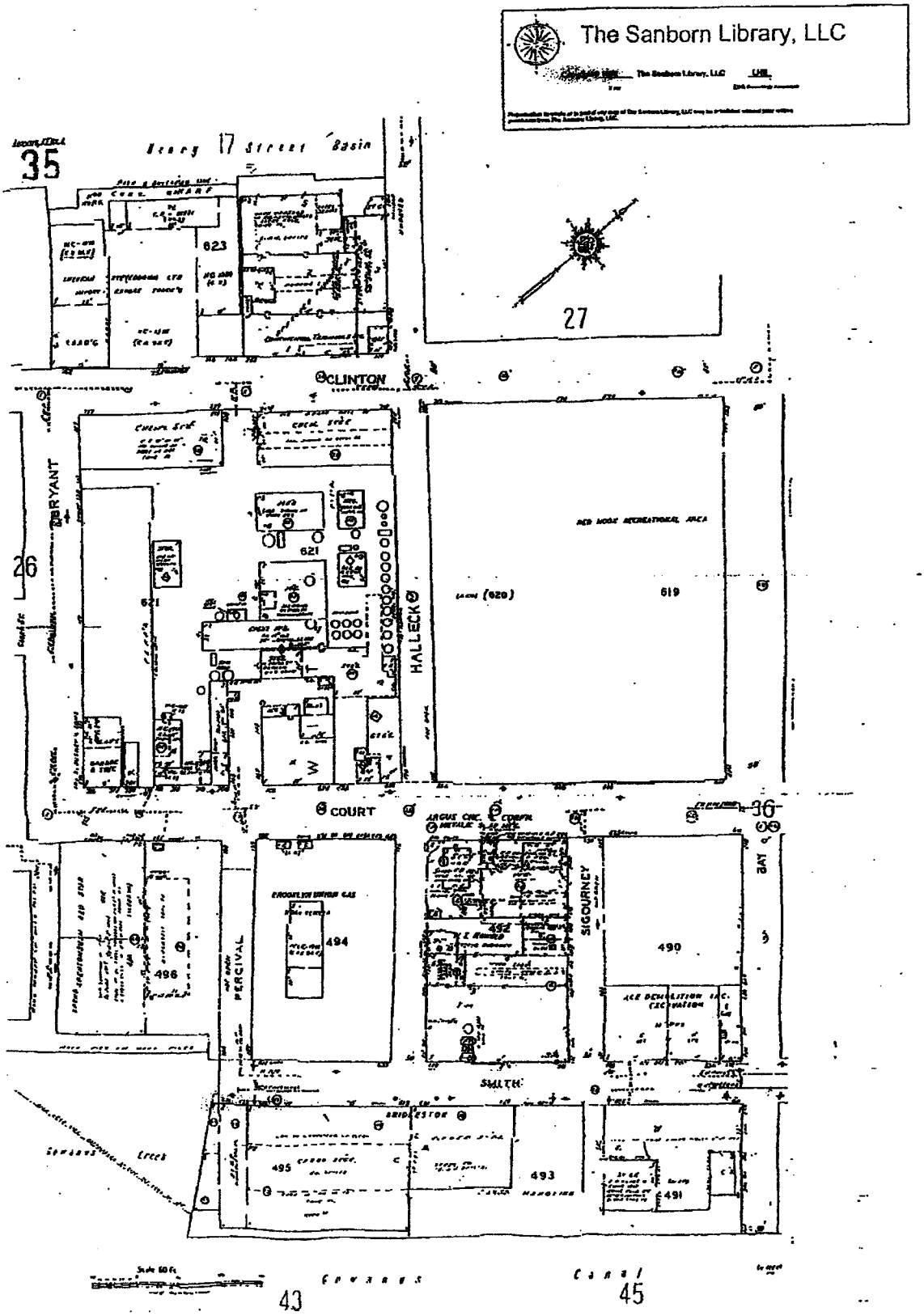

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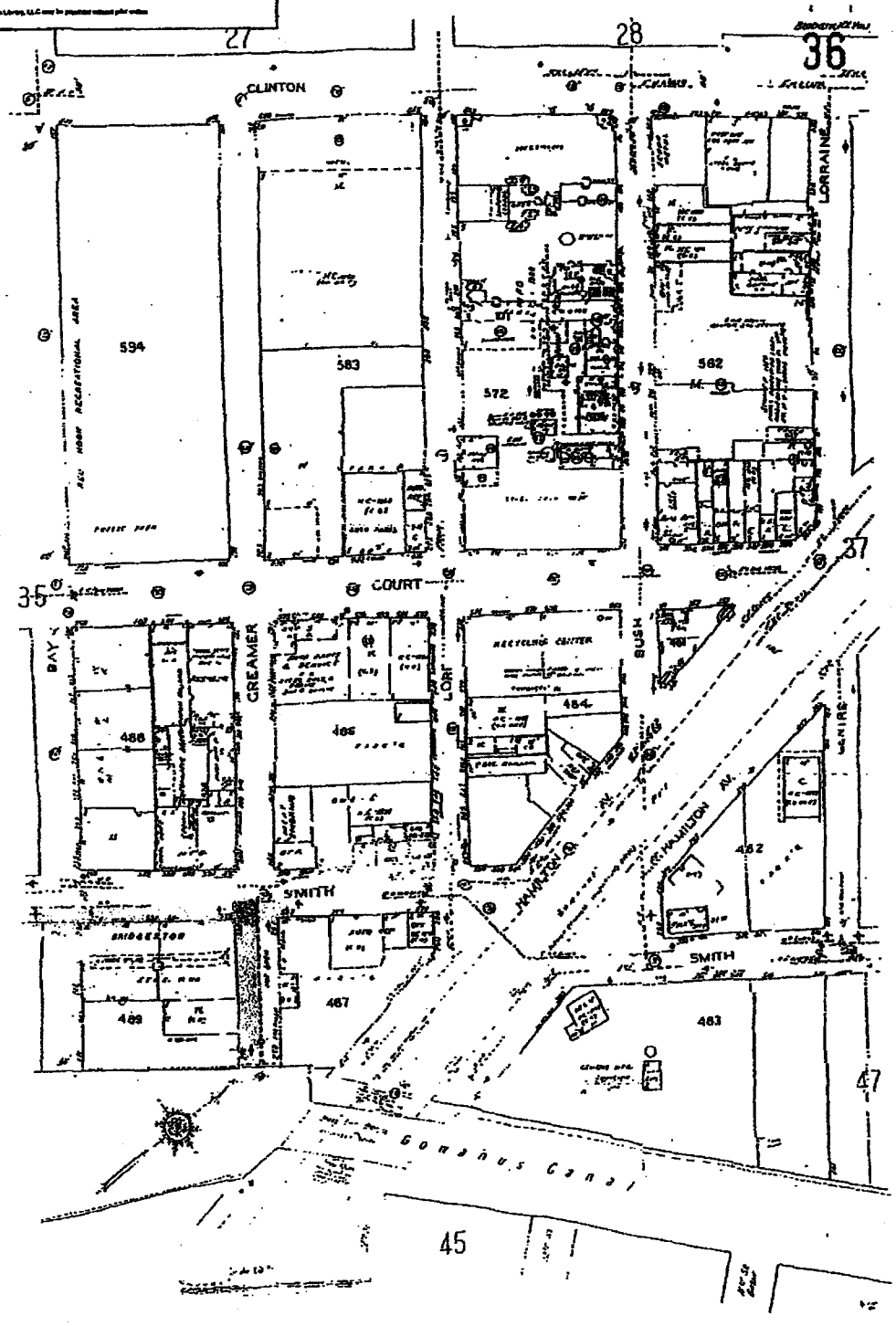

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The EDR Radius Map
with GeoCheck®

595-659 Smith St
595-659 Smith St
Brooklyn, NY 11231

Inquiry Number: 01831907.2r

January 09, 2007

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
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FORM-BPR-MK

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

595-659 SMITH ST
BROOKLYN, NY 11231

COORDINATES

Latitude (North):	40.672400 - 40° 40' 20.6"
Longitude (West):	73.999100 - 73° 59' 56.8"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	584595.6
UTM Y (Meters):	4502661.5
Elevation:	12 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995
West Map:	40074-F1 JERSEY CITY, NJ
Most Recent Revision:	1995

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	Inactive Hazardous Waste Disposal Sites in New York State
SWTIRE	Registered Waste Tire Storage & Facility List
HIST AST	Historical Petroleum Bulk Storage Database
ENG CONTROLS	Registry of Engineering Controls
INST CONTROL	Registry of Institutional Controls
VCP	Voluntary Cleanup Agreements
DRYCLEANERS	Registered Drycleaners
BROWNFIELDS	Brownfields Site List
SPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/09/2006 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HAMILTON AVENUE INCINERATOR	*555 HAMILTON AVE*	*1/4 - 1/2 SSE*	*119*	*548*

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/10/2006 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BKLYN UNION GAS /METROPOLITAN	2ND AVE & 12 ST /GOWANU	1/8 - 1/4 ESE	S91	405
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
BKLYN UNION GAS /CITIZENS GATE	6TH ST & 2ND AVE	1/4 - 1/2 ENE	123	570

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/27/2006 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PATTERSON CHEMICAL CO INC	*102 3RD ST*	*1/4 - 1/2 NE*	*137*	*615*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
DEBEVOISE CO	*74 20TH ST*	*1/4 - 1/2 S*	*135*	*594*

EXECUTIVE SUMMARY

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
DEBEVOISE CO	*74 20TH ST*	*1/4 - 1/2 S*	*135*	*594*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENERAL INDUSTRIAL SERVICE COR	*603 CLINTON ST*	*1/8 - 1/4 NW*	*O71*	*303*
ARGUS DIV WITCO CHEMICAL CORP	*688 COURT ST*	*1/8 - 1/4 SW*	*P72*	*303*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
MTA NYCT - CAMPBELL STORAGE FA	*532 SMITH ST*	*0 - 1/8 NE*	*5*	*17*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are

EXECUTIVE SUMMARY

23 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CON ED TM 842	*HAMILTON AVE & SMITH ST*	*0 - 1/8 SW*	*A1*	*6*
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*0 - 1/8 N*	*B7*	*19*
NYCT - PRINT SHOP & DISTRIBUTI	*201-217 BUSH ST*	*0 - 1/8 NW*	*D29*	*119*
MTA NYCT - SMITH & 9TH STREET	*SMITH & 9TH ST*	*1/8 - 1/4 NNE*	*K57*	*213*
A V I LEB ASSOCIATES LLC	*183 LORRAIN ST BLOCK 57*	*1/8 - 1/4 WNW*	*L61*	*230*
WOOLSEY MARINE	*183 LORRAINE ST*	*1/8 - 1/4 WNW*	*L63*	*240*
CITY GAS SERVICE STATION	*327 HAMILTON AVE*	*1/8 - 1/4 NNW*	*M67*	*300*
NYC BD OF ED - EMERGENCY RESPO	*60 12TH ST*	*1/8 - 1/4 ESE*	*Q77*	*344*
NYCHA - RED HOOK EAST HOUSES	*101 CENTRE MALL*	*1/8 - 1/4 NW*	*83*	*369*
BROOKLYN UNION GAS CO - RED HO	*651 COURT ST*	*1/8 - 1/4 SW*	*R86*	*374*
WITCO CORP	*700 COURT ST*	*1/8 - 1/4 SW*	*R89*	*388*

Lower Elevation	Address	Dist / Dir	Map ID	Page
NEW RESINA CORP THE	*265 CREAMER ST*	*0 - 1/8 SSW*	*14*	*52*
BAYSIDE FUEL OIL DEPOT CORP	*537 SMITH ST*	*0 - 1/8 NNE*	*C23*	*108*
NYC SANITATION	*HAMILTON SHOP 465 HAMIL*	*0 - 1/8 SE*	*35*	*129*
NYCDOT ASPHALT PLANT	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F37*	*131*
POLIZZI SAL	*519 SMITH ST*	*1/8 - 1/4 NNE*	*H45*	*170*
NYCDOT BIN 2233080	*14TH ST OVER BELT PKWY*	*1/8 - 1/4 SSE*	*I49*	*193*
BRUNO TRUCK SALES	*435 HAMILTON AVE*	*1/8 - 1/4 SSE*	*I51*	*195*
NYCDOT HAMILTON AVE ASPHALT PL	*488 HAMILTON AVE*	*1/8 - 1/4 SSE*	*J54*	*210*
NYC DOT	*24 NINTH STREET*	*1/8 - 1/4 NE*	*59*	*219*
LEO PRAGER INC	55 9TH ST	1/8 - 1/4 ENE	N69	302
UNIVERSAL FIXTURE CORP	*59 9TH ST*	*1/8 - 1/4 ENE*	*N70*	*302*
MENTRON INC	*65 9TH ST*	*1/8 - 1/4 ENE*	*N74*	*340*

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ATL BASIN IRON WORKS		1/2 - 1 WNW	145	628

STATE AND LOCAL RECORDS

HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1

HSWDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BUG, METROPOLITAN WORKS	2ND AVE / 12TH STREET	1/8 - 1/4 ESE	S92	406

DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the DEL SHWS list, as provided by EDR, and dated 08/04/2006 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CARROLL GARDENS	CORNER OF 5TH STREET /	1/4 - 1/2 NNE	114	536

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 10/31/2006 has revealed that there are 10 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
IESI NY CORPORATION	***577 COURT ST***	***0 - 1/8 W***	***15***	***63***
WASTE MGMT. (N. VACCARO; INC.)	***563 COURT ST***	***0 - 1/8 NW***	***D25***	***111***
SHAMROCK CONTRACTING CORP. #2	195 BUSH ST	0 - 1/8 NW	D31	123
FIRST BROOKLYN TRANSFER STA.	611 COURT ST.	1/8 - 1/4 SW	50	194
CONTAINER SERVICE CORP.	107 6TH STREET	1/4 - 1/2 ENE	X131	588
U.S. RECYCLING; INC.	***141 6TH STREET***	***1/4 - 1/2 E***	***134***	***593***
WASTE MANAGEMENT (EASTERN) (AL	518-526 COLUMBIA ST	1/4 - 1/2 WNW	136	614
EAST COAST TANK LINING CORP.	700 HICKS ST	1/4 - 1/2 NNW	139	622
SHAMROCK CONTRACTING CORP.	95-99 19TH STREET	1/4 - 1/2 SSE	142	627

Lower Elevation	Address	Dist / Dir	Map ID	Page
IESI (110 5TH ST.)(SPARTAN DIS	110 5TH STREET	1/4 - 1/2 ENE	124	570

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 10/31/2006 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WASTE MGMT. (N. VACCARO; INC.)	***563 COURT ST***	***0 - 1/8 NW***	***D25***	***111***
U.S. RECYCLING; INC.	***141 6TH STREET***	***1/4 - 1/2 E***	***134***	***593***

EXECUTIVE SUMMARY

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 09/14/2006 has revealed that there are 51 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL S/S Date Closed: 08/02/93	***375 HAMILTON AVENUE***	***0 - 1/8 N***	***B8***	***36***
MOBIL S/S Date Closed: 08/02/93 Date Closed: 07/25/03	***375 HAMILTON AVENUE***	***0 - 1/8 N***	***B10***	***40***
200 BUSH ST/BKLYN Date Closed: 04/12/90	***200 BUSH STREET***	***0 - 1/8 NW***	***D30***	***120***
RED HOOK EAST Date Closed: 11/22/05 Date Closed: / /	***606 CLINTON STREET***	***1/8 - 1/4 NW***	***O79***	***348***
APARTMENT Date Closed: 12/06/05	606 CLINTON STREET	1/8 - 1/4 NW	O80	359
HAMILTON AV&W 9TH ST/BKLY Date Closed: 11/14/91	***HAMILTON AVE / W 9TH***	***1/8 - 1/4 NNW***	***84***	***371***
11TH ST. & 2ND AVE. Date Closed: 09/01/03	***11TH ST / 2ND AVE***	***1/4 - 1/2 ESE***	***T93***	***408***
138 2ND AVENUE Date Closed: 05/20/92	***138 2ND AVENUE***	***1/4 - 1/2 ESE***	***T94***	***411***
NYC DEPT SANATATION Date Closed: 10/30/03	***127 2ND AVE***	***1/4 - 1/2 ESE***	***T95***	***413***
138 2ND AVE/USPS Date Closed: 01/31/92	***138 2ND AVE***	***1/4 - 1/2 ESE***	***T96***	***416***
OLD POST OFFICE Date Closed: 09/01/03	***124 2ND AV***	***1/4 - 1/2 E***	***97***	***418***
506 COURT ST Date Closed: 04/24/92	***506 COURT ST***	***1/4 - 1/2 N***	***98***	***421***
RED HOOK EAST Date Closed: / /	***770 HENRY STREET PL***	***1/4 - 1/2 WNW***	***99***	***423***
289 HAMILTON AVE/BKLYN Date Closed: 10/31/03	***289 HAMILTON AVENUE***	***1/4 - 1/2 NNW***	***U100***	***429***
289 MANAGEMENT INC. Date Closed: 02/01/06	289 HAMILTON AVE.	1/4 - 1/2 NNW	U101	431
289 HAMILTON AVE/STAR GAS Date Closed: / /	***289 HAMILTOM AVE/STAR G***	***1/4 - 1/2 NNW***	***U102***	***433***
HESS TERMINAL Date Closed: 12/10/03 Date Closed: / /	***722 COURT STREET***	***1/4 - 1/2 SW***	***V103***	***435***
AMERADA HESS Date Closed: 04/08/04	722 COURT STREET	1/4 - 1/2 SW	V104	446
HESS - BROOKLYN TERMINAL Date Closed: 08/11/03	***722 COURT ST***	***1/4 - 1/2 SW***	***V105***	***447***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERADA HESS BROOKLYN TERMINAL Date Closed: 08/11/03 Date Closed: 08/11/03	*722 COURT ST*	*1/4 - 1/2 SW*	*V106*	*450*
722 COURT STREET Date Closed: 08/11/03	*722 COURT STREET*	*1/4 - 1/2 SW*	*V107*	*512*
722 COURT ST Date Closed: 02/26/92	*722 COURT ST*	*1/4 - 1/2 SW*	*V108*	*519*
467 COURT ST./ST. MARY'S Date Closed: 03/04/03 Date Closed: 03/04/03	*467 COURT ST.*	*1/4 - 1/2 N*	*110*	*521*
49-10 REALTY Date Closed: 02/25/03	*49-10 15TH AVE*	*1/4 - 1/2 SE*	*111*	*526*
149 LUQUER ST. Date Closed: 02/08/94	*149 LUQUER ST.*	*1/4 - 1/2 N*	*112*	*529*
764 COURT ST Date Closed: 03/04/02	*764 COURT ST*	*1/4 - 1/2 SW*	*113*	*531*
AMOCO GAS STATION #60379 Date Closed: 12/04/01	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W115*	*538*
REDHOOK SERVICE STATION Date Closed: 03/19/97	*260 HAMILTON AVE*	*1/4 - 1/2 NNW*	*W116*	*540*
AMOCO STATION Date Closed: 07/16/03	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W117*	*543*
AMOCO GAS STATION #60379 Date Closed: 12/04/01	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W118*	*545*
RED HOOK WEST Date Closed: / /	*85 LORRAINE STREET*	*1/4 - 1/2 WNW*	*120*	*563*
Not reported Date Closed: 02/05/03	3RD AV / 14TH ST	1/4 - 1/2 SE	121	566
498 3RD AVENUE Date Closed: / /	*498 3RD AVENUE*	*1/4 - 1/2 ESE*	*122*	*567*
Not reported Date Closed: 11/17/03	*66 4TH ST*	*1/4 - 1/2 NE*	*125*	*571*
RED HOOK EAST Date Closed: / /	*37 CENTER MALL*	*1/4 - 1/2 WNW*	*126*	*573*
OCEAN SUPPLY CO Date Closed: 09/22/99	*437 3RD AVE*	*1/4 - 1/2 E*	*129*	*582*
7 3RD STREET/PEP S/S Date Closed: 12/27/02	*7 3RD STREET*	*1/4 - 1/2 NNE*	*133*	*591*
GOUWANUS BAY Date Closed: 12/10/97	*COURT ST- PIER 8*	*1/4 - 1/2 SW*	*138*	*619*
DEL'S AUTO REPAIR Date Closed: 03/03/03	*70 2ND ST/NEW UTRECT AV*	*1/4 - 1/2 NE*	*140*	*622*
MOBIL GAS STATION Date Closed: 12/06/94	*50-25 BAY PARKWAY*	*1/4 - 1/2 W*	*141*	*625*

Lower Elevation	Address	Dist / Dir	Map ID	Page
537 SMITH ST/BKLYN/CIBRO Date Closed: / /	*537 SMITH STREET*	*0 - 1/8 NNE*	*C18*	*67*

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
537 SMITH ST. Date Closed: 03/08/93	*537 SMITH ST.*	*0 - 1/8 NNE*	*C20*	*72*
BAYSIDE FUEL OIL DEPOT CORP. Date Closed: 05/30/91	*537 SMITH STREET*	*0 - 1/8 NNE*	*C21*	*74*
BAYSIDE OIL TERMINAL Date Closed: 05/30/91 Date Closed: / /	*537 SMITH ST*	*0 - 1/8 NNE*	*C22*	*100*
537 SMITH ST/BKLYN/CIBRO Date Closed: / /	*537 SMITN STREET*	*0 - 1/8 NE*	*32*	*124*
HAMILTON AVE. YARD (ASPH. PLAN Date Closed: / /	448 HAMILTON AVENUE	0 - 1/8 SSE	F36	129
Not reported Date Closed: 01/13/05	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F38*	*132*
AVE 2 & E 18TH ST/USPS Date Closed: 03/06/03	*AVENUE 2 / E 18TH ST*	*1/4 - 1/2 S*	*127*	*576*
NYC DEPT OF SANITATION - J SCH Date Closed: / /	*15 2ND AVE BK-N-2*	*1/4 - 1/2 ENE*	*128*	*578*
106 6TH ST Date Closed: 05/31/95	*106 6TH ST*	*1/4 - 1/2 ENE*	*X130*	*585*
MCIZ CORP Date Closed: / /	*1-25 2ND AV*	*1/4 - 1/2 ENE*	*132*	*588*

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 41 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL S/S	*375 HAMILTON AVENUE*	*0 - 1/8 N*	*B8*	*36*
MOBIL S/S	*375 HAMILTON AVENUE*	*0 - 1/8 N*	*B10*	*40*
200 BUSH ST/BKLYN	*200 BUSH STREET*	*0 - 1/8 NW*	*D30*	*120*
RED HOOK EAST	*606 CLINTON STREET*	*1/8 - 1/4 NW*	*O79*	*348*
HAMILTON AV&W 9TH ST/BKLY	*HAMILTON AVE / W 9TH*	*1/8 - 1/4 NNW*	*84*	*371*
11TH ST. & 2ND AVE.	*11TH ST / 2ND AVE*	*1/4 - 1/2 ESE*	*T93*	*408*
138 2ND AVENUE	*138 2ND AVENUE*	*1/4 - 1/2 ESE*	*T94*	*411*
NYC DEPT SANATATION	*127 2ND AVE*	*1/4 - 1/2 ESE*	*T95*	*413*
138 2ND AVE/USPS	*138 2ND AVE*	*1/4 - 1/2 ESE*	*T96*	*416*
OLD POST OFFICE	*124 2ND AV*	*1/4 - 1/2 E*	*97*	*418*
506 COURT ST	*506 COURT ST*	*1/4 - 1/2 N*	*98*	*421*
RED HOOK EAST	*770 HENRY STREET PL*	*1/4 - 1/2 WNW*	*99*	*423*
289 HAMILTON AVE/BKLYN	*289 HAMILTON AVENUE*	*1/4 - 1/2 NNW*	*U100*	*429*
289 HAMILTON AVE/STAR GAS	*289 HAMILTOM AVE/STAR G*	*1/4 - 1/2 NNW*	*U102*	*433*
HESS - BROOKLYN TERMINAL	*722 COURT ST*	*1/4 - 1/2 SW*	*V105*	*447*
AMERADA HESS BROOKLYN TERMINAL	*722 COURT ST*	*1/4 - 1/2 SW*	*V106*	*450*
467 COURT ST./ST. MARY'S	*467 COURT ST.*	*1/4 - 1/2 N*	*110*	*521*
49-10 REALTY	*49-10 15TH AVE*	*1/4 - 1/2 SE*	*111*	*526*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
149 LUQUER ST.	*149 LUQUER ST.*	*1/4 - 1/2 N*	*112*	*529*
AMOCO GAS STATION #60379	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W115*	*538*
REDHOOK SERVICE STATION	*260 HAMILTON AVE*	*1/4 - 1/2 NNW*	*W116*	*540*
AMOCO STATION	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W117*	*543*
AMOCO GAS STATION #60379	*260 HAMILTON AV*	*1/4 - 1/2 NNW*	*W118*	*545*
RED HOOK WEST	*85 LORRAINE STREET*	*1/4 - 1/2 WNW*	*120*	*563*
498 3RD AVENUE	*498 3RD AVENUE*	*1/4 - 1/2 ESE*	*122*	*567*
Not reported	*66 4TH ST*	*1/4 - 1/2 NE*	*125*	*571*
RED HOOK EAST	*37 CENTER MALL*	*1/4 - 1/2 WNW*	*126*	*573*
OCEAN SUPPLY CO	*437 3RD AVE*	*1/4 - 1/2 E*	*129*	*582*
7 3RD STREET/PEP S/S	*7 3RD STREET*	*1/4 - 1/2 NNE*	*133*	*591*
GOUWANUS BAY	*COURT ST- PIER 8*	*1/4 - 1/2 SW*	*138*	*619*
DEL'S AUTO REPAIR	*70 2ND ST/NEW UTRECT AV*	*1/4 - 1/2 NE*	*140*	*622*
MOBIL GAS STATION	*50-25 BAY PARKWAY*	*1/4 - 1/2 W*	*141*	*625*

Lower Elevation	Address	Dist / Dir	Map ID	Page
537 SMITH ST/BKLYN/CIBRO	*537 SMITH STREET*	*0 - 1/8 NNE*	*C18*	*67*
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*0 - 1/8 NNE*	*C21*	*74*
BAYSIDE OIL TERMINAL	*537 SMITH ST*	*0 - 1/8 NNE*	*C22*	*100*
537 SMITH ST/BKLYN/CIBRO	*537 SMITN STREET*	*0 - 1/8 NE*	*32*	*124*
Not reported	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F38*	*132*
AVE 2 & E 18TH ST/USPS	*AVENUE 2 / E 18TH ST*	*1/4 - 1/2 S*	*127*	*576*
NYC DEPT OF SANITATION - J SCH	*15 2ND AVE BK-N-2*	*1/4 - 1/2 ENE*	*128*	*578*
106 6TH ST	*106 6TH ST*	*1/4 - 1/2 ENE*	*X130*	*585*
MCIZ CORP	*1-25 2ND AV*	*1/4 - 1/2 ENE*	*132*	*588*

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 09/14/2006 has revealed that there are 17 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*0 - 1/8 N*	*B7*	*19*
NEW SAI GAS, INC.	*354 HAMILTON AVENUE*	*1/8 - 1/4 NNW*	*48*	*188*
SHELL S/S	529 COURT STREET	1/8 - 1/4 N	55	211
RED HOOK CONCRETE LOADING CORP	*SMITH ST / 9TH ST*	*1/8 - 1/4 NNE*	*K58*	*216*
645 CLINTON STREET ASSOCIATES	*645 CLINTON STREET*	*1/8 - 1/4 WNW*	*L62*	*232*
AVI LEB ASSOCIATES, LLC	*183 LORRAINE STREET*	*1/8 - 1/4 WNW*	*L64*	*260*
327 HAMILTON PETROLEUM INC.	*327 HAMILTON AVENUE*	*1/8 - 1/4 NNW*	*M66*	*277*
ARGUS DIVISION/WITCO CORP	*688 COURT STREET*	*1/8 - 1/4 SW*	*P73*	*320*
RED HOOK RECREATION CENTER	*155 BAY STREET*	*1/8 - 1/4 W*	*75*	*341*
M. G. ST. DAVID, LLC	*505 COURT STREET*	*1/8 - 1/4 N*	*76*	*343*
EMERGENCY RESPONSE UNIT	*60 12TH STREET*	*1/8 - 1/4 ESE*	*Q78*	*345*
RED HOOK EAST	*606 CLINTON STREET*	*1/8 - 1/4 NW*	*O79*	*348*
DSNY BROOKLYN DISTRICT 2 GARAG	*465 HAMILTON AVENUE*	*1/8 - 1/4 SSE*	*81*	*360*
BRKLYN UNION/RED HOOK SATELLIT	*651 COURT ST*	*1/8 - 1/4 SW*	*R87*	*375*

Lower Elevation	Address	Dist / Dir	Map ID	Page
HAMILTON AVENUE FACILITY	448 HAMILTON AVENUE	0 - 1/8 SSE	F43	169
NORTHVILLE	*519 SMITH ST*	*1/8 - 1/4 NNE*	*H47*	*173*

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
BRUNO TRUCK SALES CORP.	*435 HAMILTON AVENUE*	*1/8 - 1/4 SSE*	*I52*	*202*

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WITCO CORP	*700 COURT ST*	*1/8 - 1/4 SW*	*R89*	*388*

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERADA HESS BROOKLYN TERMINAL	*722 COURT ST*	*1/4 - 1/2 SW*	*V106*	*450*

Lower Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*0 - 1/8 NNE*	*C21*	*74*

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 18 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ENGINE 279 / LADDER 131	*252 LORRAINE STREET*	*0 - 1/8 WSW*	*A3*	*9*
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*0 - 1/8 N*	*B7*	*19*
NEW SAI GAS, INC.	*354 HAMILTON AVENUE*	*1/8 - 1/4 NNW*	*48*	*188*
RED HOOK CONCRETE LOADING CORP	*SMITH ST / 9TH ST*	*1/8 - 1/4 NNE*	*K58*	*216*
MELTZ LUMBER CO.OF MELLENVILLE	*483 RT. 217*	*1/8 - 1/4 WNW*	*L60*	*219*
645 CLINTON STREET ASSOCIATES	*645 CLINTON STREET*	*1/8 - 1/4 WNW*	*L62*	*232*
AVI LEB ASSOCIATES, LLC	*183 LORRAINE STREET*	*1/8 - 1/4 WNW*	*L64*	*260*
327 HAMILTON PETROLEUM INC.	*327 HAMILTON AVENUE*	*1/8 - 1/4 NNW*	*M66*	*277*
ARGUS DIVISION/WITCO CORP	*688 COURT STREET*	*1/8 - 1/4 SW*	*P73*	*320*
RED HOOK RECREATION CENTER	*155 BAY STREET*	*1/8 - 1/4 W*	*75*	*341*
M. G. ST. DAVID, LLC	*505 COURT STREET*	*1/8 - 1/4 N*	*76*	*343*
EMERGENCY RESPONSE UNIT	*60 12TH STREET*	*1/8 - 1/4 ESE*	*Q78*	*345*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RED HOOK EAST	*606 CLINTON STREET*	*1/8 - 1/4 NW*	*O79*	*348*
DSNY BROOKLYN DISTRICT 2 GARAG	*465 HAMILTON AVENUE*	*1/8 - 1/4 SSE*	*81*	*360*
BRKLYN UNION/RED HOOK SATELLIT	*651 COURT ST*	*1/8 - 1/4 SW*	*R87*	*375*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
HAMILTON AVENUE YARD	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F39*	*136*
NORTHVILLE	*519 SMITH ST*	*1/8 - 1/4 NNE*	*H47*	*173*
BRUNO TRUCK SALES CORP.	*435 HAMILTON AVENUE*	*1/8 - 1/4 SSE*	*I52*	*202*

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 09/14/2006 has revealed that there are 6 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ENGINE 279 / LADDER 131	*252 LORRAINE STREET*	*0 - 1/8 WSW*	*A3*	*9*
610 SMITH STREET	*610 SMITH STREET*	*1/8 - 1/4 SSW*	*53*	*208*
MELTZ LUMBER CO.OF MELLENVILLE	*483 RT. 217*	*1/8 - 1/4 WNW*	*L60*	*219*
204 HUNTINGTON, LLC	204 HUNTINGTON STREET	1/8 - 1/4 NNE	82	369
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
HAMILTON AVENUE YARD	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F39*	*136*
HAMILTON AVENUE MTS	*500 HAMILTON AVENUE*	*1/8 - 1/4 SSE*	*J56*	*211*

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WITCO CORPORATION (POLYMER ADD	700 COURT STREET	1/8 - 1/4 SW	R88	381

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF AST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERADA HESS BROOKLYN TERMINAL	*722 COURT ST*	*1/4 - 1/2 SW*	*V106*	*450*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*0 - 1/8 NNE*	*C21*	*74*

EXECUTIVE SUMMARY

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 10/26/2006 has revealed that there are 22 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CON ED TM 842	*HAMILTON AVE & SMITH ST*	*0 - 1/8 SW*	*A1*	*6*
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*0 - 1/8 N*	*B7*	*19*
NYCT - PRINT SHOP & DISTRIBUTI	*201-217 BUSH ST*	*0 - 1/8 NW*	*D29*	*119*
MTA NYCT - SMITH & 9TH STREET	*SMITH & 9TH ST*	*1/8 - 1/4 NNE*	*K57*	*213*
A V I LEB ASSOCIATES LLC	*183 LORRAIN ST BLOCK 57*	*1/8 - 1/4 WNW*	*L61*	*230*
WOOLSEY MARINE	*183 LORRAINE ST*	*1/8 - 1/4 WNW*	*L63*	*240*
CITY GAS SERVICE STATION	*327 HAMILTON AVE*	*1/8 - 1/4 NNW*	*M67*	*300*
ARGUS DIV WITCO CHEMICAL CORP	*688 COURT ST*	*1/8 - 1/4 SW*	*P72*	*303*
NYCHA - RED HOOK EAST HOUSES	*101 CENTRE MALL*	*1/8 - 1/4 NW*	*83*	*369*
KEYSPAN	651 COURT STREET	1/8 - 1/4 SW	R85	373
WITCO CORP	*700 COURT ST*	*1/8 - 1/4 SW*	*R89*	*388*
NYC DEP HAZ MAT	13TH ST / 2ND AVE	1/8 - 1/4 SE	90	405

Lower Elevation	Address	Dist / Dir	Map ID	Page
MTA NYCT - CAMPBELL STORAGE FA	*532 SMITH ST*	*0 - 1/8 NE*	*5*	*17*
NEW RESINA CORP THE	*265 CREAMER ST*	*0 - 1/8 SSW*	*14*	*52*
ARRPACO INC	SMITH ST / BAY ST	0 - 1/8 SSW	G42	168
CONSOLIDATED EDISON	GARNET ST / SMITH ST	1/8 - 1/4 NNE	H44	169
POLIZZI SAL	*519 SMITH ST*	*1/8 - 1/4 NNE*	*H45*	*170*
CONSOLIDATED EDISON	SMITH ST / GARNET ST	1/8 - 1/4 NNE	H46	172
NYCDOT BIN 2233080	*14TH ST OVER BELT PKWY*	*1/8 - 1/4 SSE*	*I49*	*193*
BRUNO TRUCK SALES	*435 HAMILTON AVE*	*1/8 - 1/4 SSE*	*I51*	*195*
NYCDOT HAMILTON AVE ASPHALT PL	*488 HAMILTON AVE*	*1/8 - 1/4 SSE*	*J54*	*210*
NYC DOT	*24 NINTH STREET*	*1/8 - 1/4 NE*	*59*	*219*

SPILLS: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 09/14/2006 has revealed that there are 21 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SMITH ST/CIBRO TERM/BKLYN Date Closed: 01/16/91	*SMITH ST/HAMILTON AVENU*	*0 - 1/8 NE*	*A2*	*7*
EXXON MOBILE Date Closed: 11/08/05	375 HAMILTON AVE	0 - 1/8 N	B6	18
375 HAMILTON AVENUE Date Closed: 07/14/93	*375 HAMILTON AVENUE*	*0 - 1/8 N*	*B9*	*38*
MOBIL S/S Date Closed: 08/02/93	*375 HAMILTON AVENUE*	*0 - 1/8 N*	*B11*	*46*
TM #1447 Date Closed: 12/27/05	HAMILTON AVE / BUSH S	0 - 1/8 NNW	B12	48
TM 1447 Date Closed: / /	*HAMILTON AVE/BUSH ST*	*0 - 1/8 NNW*	*B13*	*49*
MANHOLE 71533 Date Closed: 11/29/99	*217 BUSH ST*	*0 - 1/8 NW*	*D26*	*112*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MANHOLE #71533 Date Closed: 11/09/99	***213-215 BUSH ST***	***0 - 1/8 NW***	***D27***	***114***
MANHOLE #15875 Date Closed: 11/08/99	***205 BUSH ST***	***0 - 1/8 NW***	***D28***	***117***
MANHOLE 55293 Date Closed: / /	HAMILTON AVE/COURT ST	0 - 1/8 NNW	E33	126
MANHOLE 55293 Date Closed: 11/12/04	HAMILTON AVE / COURT ST	0 - 1/8 NNW	E34	128

Lower Elevation	Address	Dist / Dir	Map ID	Page
OLD WHALCO BACK 1930'S Date Closed: 09/29/03	***400 HAMILTON AVE***	***0 - 1/8 S***	***A4***	***14***
BAYSIDE FUEL CORP Date Closed: 01/30/06	537 SMITH STREET	0 - 1/8 NNE	C16	64
537 SMITH ST/BKLYN/CIBRO Date Closed: 11/06/01	***537 SMITH STREET***	***0 - 1/8 NNE***	***C17***	***65***
BAYSIDE FUEL OIL TERMINAL Date Closed: / /	***537 SMITH ST***	***0 - 1/8 NNE***	***C19***	***70***
BAYSIDE FUEL OIL DEPOT CORP. Date Closed: 01/31/92	***537 SMITH STREET***	***0 - 1/8 NNE***	***C21***	***74***
BAYSIDE OIL TERMINAL Date Closed: 02/08/96	***537 SMITH ST***	***0 - 1/8 NNE***	***C22***	***100***
537 SMITH STREET Date Closed: 10/21/92	***537 SMITH STREET***	***0 - 1/8 NNE***	***C24***	***109***
Not reported Date Closed: 01/13/05	***448 HAMILTON AVE***	***0 - 1/8 SSE***	***F38***	***132***
GOWANUS CANAL Date Closed: 09/21/05 Date Closed: 07/22/99	***448 HAMILTON AVE***	***0 - 1/8 SSE***	***F40***	***161***
611 SMITH ST/I N E TIRE Date Closed: 08/05/92	***611 SMITH ST***	***0 - 1/8 SSW***	***G41***	***166***

HIST SPILLS: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 17 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SMITH ST/CIBRO TERM/BKLYN	***SMITH ST/HAMILTON AVENU***	***0 - 1/8 NE***	***A2***	***7***
375 HAMILTON AVENUE	***375 HAMILTON AVENUE***	***0 - 1/8 N***	***B9***	***38***
MOBIL S/S	***375 HAMILTON AVENUE***	***0 - 1/8 N***	***B11***	***46***
TM 1447	***HAMILTON AVE/BUSH ST***	***0 - 1/8 NNW***	***B13***	***49***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MANHOLE 71533	*217 BUSH ST*	*0 - 1/8 NW*	*D26*	*112*
MANHOLE #71533	*213-215 BUSH ST*	*0 - 1/8 NW*	*D27*	*114*
MANHOLE #15875	*205 BUSH ST*	*0 - 1/8 NW*	*D28*	*117*

Lower Elevation	Address	Dist / Dir	Map ID	Page
OLD WHALCO BACK 1930'S	*400 HAMILTON AVE*	*0 - 1/8 S*	*A4*	*14*
537 SMITH ST/BKLYN/CIBRO	*537 SMITH STREET*	*0 - 1/8 NNE*	*C17*	*65*
BAYSIDE FUEL OIL TERMINAL	*537 SMITH ST*	*0 - 1/8 NNE*	*C19*	*70*
537 SMITH ST.	*537 SMITH ST.*	*0 - 1/8 NNE*	*C20*	*72*
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*0 - 1/8 NNE*	*C21*	*74*
BAYSIDE OIL TERMINAL	*537 SMITH ST*	*0 - 1/8 NNE*	*C22*	*100*
537 SMITH STREET	*537 SMITH STREET*	*0 - 1/8 NNE*	*C24*	*109*
Not reported	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F38*	*132*
GOWANUS CANAL	*448 HAMILTON AVE*	*0 - 1/8 SSE*	*F40*	*161*
611 SMITH ST/I N E TIRE	*611 SMITH ST*	*0 - 1/8 SSW*	*G41*	*166*

EDR PROPRIETARY RECORDS

EDR Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 5 Manufactured Gas Plants sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
USPS GOWANUS SITE. FORMER MGP	2ND AVENUE AND 12TH STR	1/8 - 1/4 ESE	68	302
FORMER CITIZEN GAS WORKS MGP S	5TH STREET AND SMITH ST	1/4 - 1/2 NNE	109	521

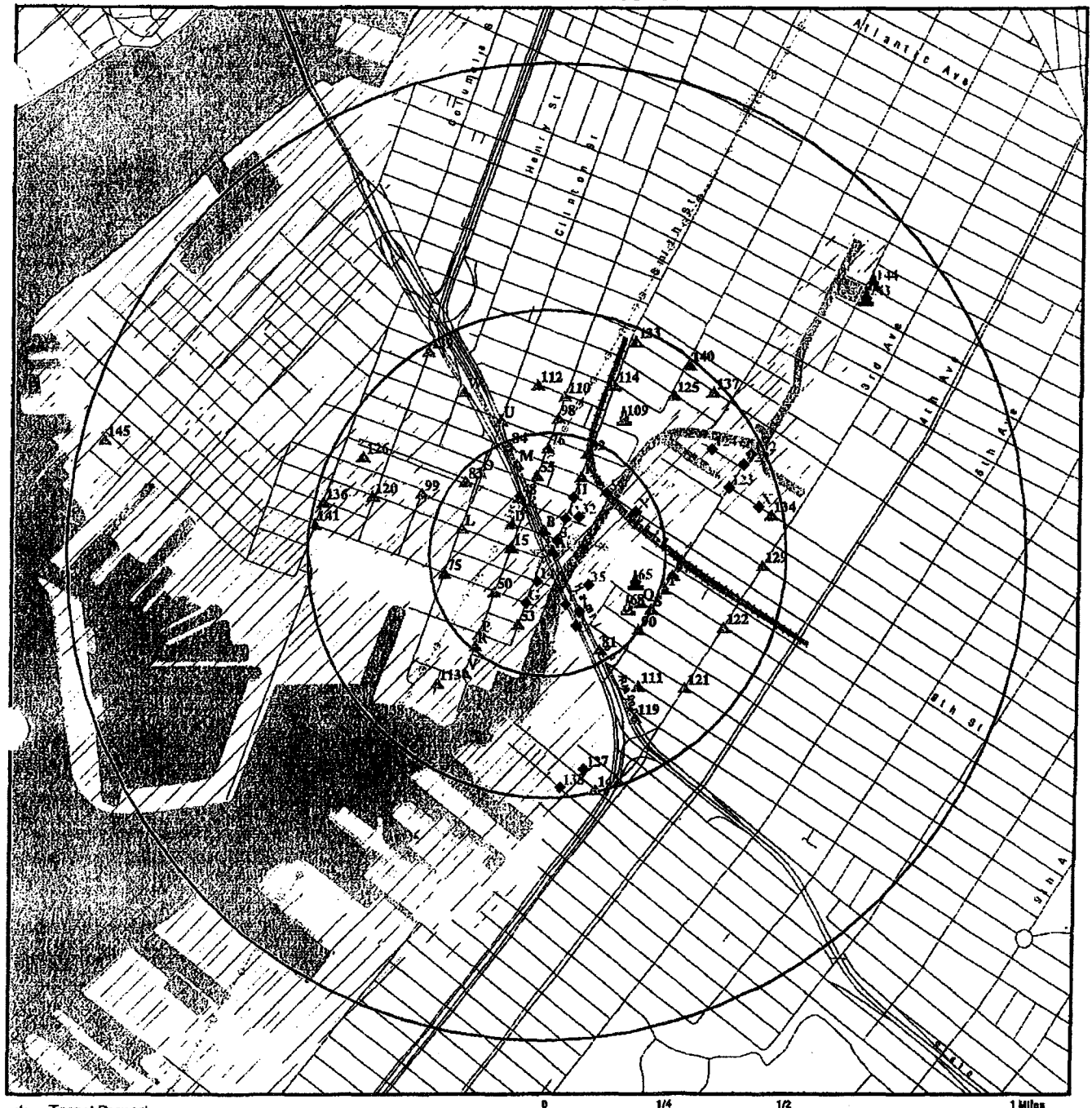
Lower Elevation	Address	Dist / Dir	Map ID	Page
BU-METROPOLITAN MGP	124-136 SECOND AVE	1/8 - 1/4 ESE	65	277
FULTON MUNICIPAL WORKS	NEVINS, DEGRAW AND SACK	1/2 - 1 NE	143	628
FULTON WORKS	DEGRAW STREET AND NEVIN	1/2 - 1 NE	144	628

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
UNIVERSAL MARTIME	RCRA-SQG, FINDS, NY MANIFEST
HAMILTON BKLYN MARINE TRANSFER STA	NY MANIFEST
NYCDOT BIN 2240231	RCRA-SQG, FINDS, NY MANIFEST
US COAST GUARD/RED HOOK MARINE TER	NY MANIFEST
CARROL GARDEN	CERC-NFRAP
CH PLAZA DRY CLEANERS	DRYCLEANERS
ANTON JUNICIC ENTERPRISES INC	SWF/LF
PARTS EXPRESS INC	SWF/LF
TRICON ENTERPRISES INC. PIER 12	SWF/LF
WATERMAN STEAMSHIP CO	RCRA-SQG, FINDS
NYCDEP - SHAFT 17A	RCRA-SQG, FINDS
E. 102ND ST	NY Spills, NY Hist Spills
11TH ST CONDUIT	NY Spills, NY Hist Spills
ASH ST & MCGINNIS AV	NY Spills, NY Hist Spills
11TH ST YARD	NY Spills
FARRINGTON ST &	NY Spills, NY Hist Spills
BTWN 86TH ST & AVENUE T	NY Spills, NY Hist Spills
ROADWAY	NY Spills
E. 9TH ST & AVE D	NY Spills, NY Hist Spills
N. 14TH ST	NY Spills, NY Hist Spills
4TH ST AREA	NY Spills, NY Hist Spills
2NS AVE & E. 154TH ST	NY Spills, NY Hist Spills
29TH ST	NY Spills
44TH ST	NY Spills, NY Hist Spills
BQE @ HAMILTON AVE EXIT	NY Spills, NY Hist Spills
CARROLL ST. & UNION ST BR	NY Spills, NY Hist Spills
CON EDISON/NORTH 1ST ST	NY Spills, NY Hist Spills
COURT ST/GOWNAS CANNAL	NY Spills, NY Hist Spills
VS 5712	NY Spills
IN FR. OF BLDG#722	NY Spills
HESS TERMINAL	NY Spills
CADMAN PLAZA WEST &	NY Spills
46TH ST	NY Spills
4TH ST CROSSING	NY Spills, NY Hist Spills
DOMINO SUGAR/S 2ND ST	NY Spills, NY Hist Spills
HAMILTON AVENUE YARD	NY Spills, NY Hist Spills
15TH ST & THIRD AVE	NY Spills, NY Hist Spills
FORT HAMILTON AVE.	NY Spills
SB PROSPECT EXPRESSWAY	NY Spills
GOWANIS HWY BY 65TH ST	NY Spills, NY Hist Spills
TRACTOR TRAILER ACCIDENT	NY Spills
12 ST	NY Spills, NY Hist Spills
BUG, CARROLL GARDENS	HSWDS

OVERVIEW MAP - 01831907.2r



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 595-659 Smith St	CLIENT: DC Env. Services, Inc.
ADDRESS: 595-659 Smith St Brooklyn NY 11231	CONTACT: Lisa Sural
LAT/LONG: 40.6724 / 73.9991	INQUIRY #: 01831907.2r
	DATE: January 09, 2007 1:57 pm

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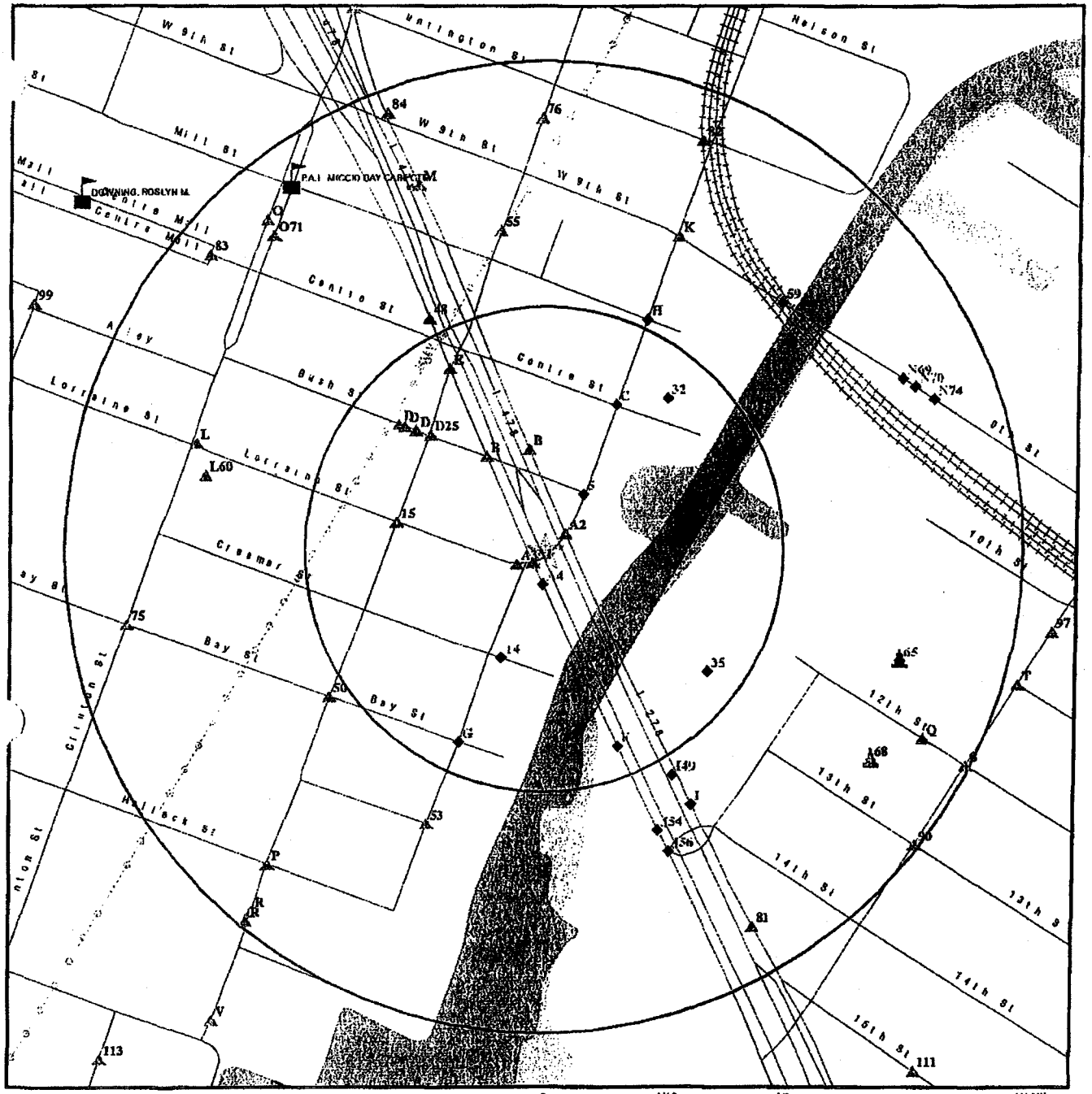
DETAIL MAP - 01831907.2r



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 595-659 Smith St ADDRESS: 595-659 Smith St Brooklyn NY 11231 LAT/LONG: 40.6724 / 73.9991	CLIENT: DC Env. Services, Inc. CONTACT: Lisa Suraj INQUIRY #: 01831907.2r DATE: January 09, 2007 1:57 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	1	1	NR	NR	2
CORRACTS		1.000	0	0	2	0	NR	2
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	1	2	NR	NR	NR	3
RCRA Sm. Quan. Gen.		0.250	7	16	NR	NR	NR	23
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
HSWDS		0.500	0	1	0	NR	NR	1
State Haz. Waste		1.000	0	0	0	0	NR	0
DEL SHWS		1.000	0	0	1	0	NR	1
State Landfill		0.500	3	1	6	NR	NR	10
SWRCY		0.500	1	0	1	NR	NR	2
SWTIRE		0.500	0	0	0	NR	NR	0
LTANKS		0.500	10	3	38	NR	NR	51
HIST LTANKS		0.500	8	2	31	NR	NR	41
UST		0.250	2	15	NR	NR	NR	17
CBS UST		0.250	0	1	NR	NR	NR	1
MOSF UST		0.500	1	0	1	NR	NR	2
HIST UST		0.250	3	15	NR	NR	NR	18
AST		0.250	2	4	NR	NR	NR	6
CBS AST		0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST AST		TP	NR	NR	NR	NR	NR	0
MOSF AST		0.500	1	0	1	NR	NR	2
MANIFEST		0.250	6	16	NR	NR	NR	22
NY Spills		0.125	21	NR	NR	NR	NR	21
NY Hist Spills		0.125	17	NR	NR	NR	NR	17
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	2	1	2	NR	5

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1 SW < 1/8 47 ft. Relative: Equal Actual: 12 ft.	CON ED TM 842 HAMILTON AVE & SMITH ST BROOKLYN, NY 11209	RCRA-SQG NY MANIFEST	1007206409 NYP004009478

Site 1 of 4 in cluster A

RCRAInfo:
Contact: ANTHONY G DRUMMINGS
(212) 460-3770

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST:

Document ID:	NYG0097389
Manifest Status:	C
Trans1 State ID:	SM1563
Trans2 State ID:	Not reported
Generator Ship Date:	970717
Trans1 Recv Date:	970717
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970721
Part A Recv Date:	970813
Part B Recv Date:	970808
Generator EPA ID:	NYP004009478
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01264
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97
Facility Type:	Generator
EPA ID:	NYP004009478
Facility Name:	CONSOLIDATED EDISON CO
Facility Address:	TM842/HAMILTON AVE
Facility City:	Not reported
Facility Zip 4:	Not reported
Country:	Not reported
County:	QUEENS
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A2 NE < 1/8 74 ft.	SMITH ST/CIBRO TERM/BKLYN SMITH ST/HAMILTON AVENUE NEW YORK CITY, NY	NY Spills NY Hist Spills	S102146131 N/A

Site 2 of 4 in cluster A

Relative: Higher

Actual: 13 ft.

NY Spills:

Site ID:	201440
Facility Addr2:	Not reported
Facility ID:	9011006
Spill Number:	9011006
Facility Type:	ER
SWIS:	2401
Region of Spill:	2
Investigator:	KSTANG
Referred To:	Not reported
Spill Date:	01/16/91
Reported to Dept:	01/16/91
CID:	Not reported
Spill Cause:	Unknown
Water Affected:	GOWANUS CANAL
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Affected Persons
Cleanup Ceased:	01/16/91
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported
Spill Closed Dt:	01/16/91
Remediation Phase:	0
Date Entered In Computer:	01/29/91
Spill Record Last Update:	09/30/04
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Spiller Phone:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
Program Number:	9011006
DER Facility ID:	167595
Site ID:	201440
Operable Unit ID:	951201
Operable Unit:	01
Material ID:	570601
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	0.00
Resource Affected:	Surface Water
Oxygenate:	False
DEC Remarks:	Start CallerRemark - 9011006 OIL CAME UP FROM THE BOTTOM OF CANAL NEXT TO A BARGE "TRADER II" WHICH IS OWNED & OPERATED BY EKLOFF,USCG,NRC HAVE BEEN

SMITH ST/CIBRO TERM/BKLYN (Continued) **S102146131**

Remarks: NOTIFIED,ALBERTMENDEZ OF CIBRO ON SITE. END CallerRemark - 9011006
Start DECRemark - 9011006 Prior to Sept, 2004 data translation this spill Lead DEC Field was "TANG" 01/16/91: MR. BOB PROBST OF EKLOF MARINE SHOWED DEC FLOATING OIL, COULD BE EMULSIFIED OIL DUE TO DUMPING OR STIRRED UP FROM BOTTOM SEDIMENT, NOOBVIOUS SIGNS OF LEAKAGE FROM BARGE (18,500 BARRELS OF #6 F O). END DECRemark - 9011006

NY Hist Spills:

Region of Spill:	2
Spill Number:	9011006
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	01/16/1991 09:25
Reported to Dept Date/Time:	01/16/91 09:55
SWIS:	61
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	Surface Water
Water Affected:	GOWANUS CANAL
Spill Source:	03
Spill Notifier:	Affected Persons
PBS Number:	Not reported
Cleanup Ceased:	01/16/91
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Not reported
Spill Closed Dt:	01/16/91
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	01/29/91
Date Spill Entered In Computer Data File:	Not reported
Update Date:	/ /
Is Updated:	False
PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported
Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Not reported

SMITH ST/CIBRO TERM/BKLYN (Continued) **S102146131**

Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 01/16/91: MR. BOB PROBST OF EKLOF MARINE SHOWED DEC FLOATING OIL, COULD BE EMULSIFIED OIL DUE TO DUMPING OR STIRRED UP FROM BOTTOM SEDIMENT, NOOBVIOUS SIGNS OF LEAKAGE FROM BARGE 18,500 BARRELS OF 6 F O).
Remark: OIL CAME UP FROM THE BOTTOM OF CANAL NEXT TO A BARGE TRADER II WHICH IS OWNED OPERATED BY EKLOFF,USCG,NRC HAVE BEEN NOTIFIED,ALBERTMENDEZ OF CIBRO ON SITE.

A3 **ENGINE 279 / LADDER 131** **AST U001840024**
WSW **252 LORRAINE STREET** **HIST AST N/A**
< 1/8 **BKLN, NY 11231** **HIST UST**
86 ft.

Site 3 of 4 in cluster A

Relative:
Equal

Actual:
12 ft.

AST:
Facility ID: 2-357251
Program Type: PBS
Facility Addr2: 252 LORRAINE STREET
Locality: BROOKLYN
SWIS Code: 2401
DEC Region: 2
Registered: 1
Expiration Date: 6/28/2003
Site Status: Unregulated (<1101 gallons)
Site Type: Other
Above Ground Tanks: Yes
Under Ground Tanks: No

HIST AST:
PBS Number: 2-357251
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank ID: 002
Tank Status: 1
Install Date: Not reported
Capacity (Gal): 550
Product Stored: 6
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 05
Tank Containment: Excavation/Tranch Liner
Leak Detection: 04
Overfill Protection: 25
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported

ENGINE 279 / LADDER 131 (Continued) **U001840024**

Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Latitude:	Not reported
Longitude:	Not reported
SWIS Code:	6101
Operator:	CAPT. O'BRIEN
Facility Phone:	(718) 965-8279
Facility Addr2:	252 LORRAINE STREET
Facility Type:	OTHER
Emergency:	JOE MASTROPIETRO
Emergency Tel:	(717) 784-6568
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NEW YORK CITY FIRE DEPARTMENT
Owner Address:	48-34 35TH STREE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 784-6568
Owner Type:	Local Government
Owner Subtype:	C
Mailing Contact:	JOE MASTROPIETRO
Mailing Name:	NEW YORK CITY FIRE DEPARTMENT
Mailing Address:	48-34 365TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 784-6568
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3050
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

HIST UST:

PBS Number:	2-357251
SPDES Number:	Not reported
Emergency Contact:	JOE MASTROPIETRO
Emergency Telephone:	(717) 784-6568
Operator:	CAPT. O'BRIEN
Operator Telephone:	(718) 965-8279

ENGINE 279 / LADDER 131 (Continued) **U001840024**

Owner Name:	NEW YORK CITY FIRE DEPARTMENT
Owner Address:	48-34 35TH STREE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 784-6568
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	NEW YORK CITY FIRE DEPARTMENT
Mailing Address:	48-34 365TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	JOE MASTROPIETRO
Mailing Telephone:	(718) 784-6568
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	252 LORRAINE STREET
Tank Id:	003
Tank Location:	UNDERGROUND
Install Date:	19980801
Capacity (gals):	275
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1998
Expiration Date:	06/28/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3050
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing

ENGINE 279 / LADDER 131 (Continued) **U001840024**

Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
PBS Number:	2-357251
SPDES Number:	Not reported
Emergency Contact:	JOE MASTROPIETRO
Emergency Telephone:	(717) 784-6568
Operator:	CAPT. O'BRIEN
Operator Telephone:	(718) 965-6279
Owner Name:	NEW YORK CITY FIRE DEPARTMENT
Owner Address:	48-34 35TH STREE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 784-6568
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	NEW YORK CITY FIRE DEPARTMENT
Mailing Address:	48-34 365TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	JOE MASTROPIETRO
Mailing Telephone:	(718) 784-6568
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	252 LORRAINE STREET
Tank Id:	004
Tank Location:	UNDERGROUND
Install Date:	19980801
Capacity (gals):	275
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported

ENGINE 279 / LADDER 131 (Continued) **U001840024**

Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1998
Expiration Date:	06/28/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3050
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
PBS Number:	2-357251
SPDES Number:	Not reported
Emergency Contact:	JOE MASTROPIETRO
Emergency Telephone:	(717) 784-6568
Operator:	CAPT. O'BRIEN
Operator Telephone:	(718) 965-8279
Owner Name:	NEW YORK CITY FIRE DEPARTMENT
Owner Address:	48-34 35TH STREE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 784-6568
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	NEW YORK CITY FIRE DEPARTMENT
Mailing Address:	48-34 365TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	JOE MASTROPIETRO
Mailing Telephone:	(718) 784-6568
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	252 LORRAINE STREET
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Install Date:	19740801
Capacity (gals):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking

ENGINE 279 / LADDER 131 (Continued) **U001840024**

Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1998
Expiration Date:	06/28/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3050
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

A4
South
< 1/8
91 ft.

Relative:
Lower

Actual:
11 ft.

OLD WHALCO BACK 1930'S **NY Spills S102560129**
400 HAMILTON AVE **NY Hist Spills N/A**
BROOKLYN, NY

Site 4 of 4 in cluster A

NY Spills:

Site ID:	102596
Facility Addr2:	Not reported
Facility ID:	9612239
Spill Number:	9612239
Facility Type:	ER
SWIS:	2401
Region of Spill:	2
Investigator:	RWAUSTIN
Referred To:	Not reported
Spill Date:	01/13/97
Reported to Dept:	01/13/97
CID:	08
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Unknown

OLD WHALCO BACK 1930'S (Continued) **S102560129**

Spill Notifier:	Citizen
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	09/29/03
Remediation Phase:	0
Date Entered In Computer:	01/13/97
Spill Record Last Update:	09/29/03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Spiller Phone:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
Program Number:	9612239
DER Facility ID:	90853
Site ID:	102596
Operable Unit ID:	1040098
Operable Unit:	01
Material ID:	340894
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0.00
Units:	Gallons
Recovered:	0.00
Resource Affected:	Soil
Oxygenate:	False
DEC Remarks:	Start CallerRemark - 9612239 CALLER HAD SURVEY DONE AS POTENTIAL BUYER AND IT SHOWED THAT THE 2 150,000 GAL TANKS WERE STILL THERE IN THE BACK OF THE BLDG ON THE CORNER OF HAMILTON & SMITH ST - THIS GOES AGAINST WHAT THE SELLER WAS TELLING THE CALLER - ALSO BLDG OWNERS ADJACENT TO THIS PROPERTY ARE GETTING OIL IN THEIR BASEMENTS FROM AN UNK SOURCE END CallerRemark - 9612239
Remarks:	Start DECRemark - 9612239 Prior to Sept, 2004 data translation this spill Lead DEC Field was "AUSTIN" 9/29/03 - AUSTIN - ANON. COMPLAINT W/NO OTHER INFO ON THIS - CLOSED IN DATABASE - ORIG. ASSIGNED TO MULQUEEN - END END DECRemark - 9612239

NY Hist Spills:

Region of Spill:	2
Spill Number:	9612239
Investigator:	MULQUEEN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	01/13/1997

OLD WHALCO BACK 1930'S (Continued) **S102560129**

Reported to Dept Date/Time: 01/13/97 09:46
SWIS: 61
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Phone: ( ) -
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 01/13/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/14/97
Is Updated: False
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: CALLER HAD SURVEY DONE AS POTENTIAL BUYER AND IT SHOWED THAT THE 2 150,000 GAL TANKS WERE STILL THERE IN THE BACK OF THE BLDG ON THE CORNER OF HAMILTON SMITH ST - THIS GOES AGAINST WHAT THE SELLER WAS TELLING THE CALLER - ALSO BLDG OWNERS ADJACENT TO THIS PROPERTY ARE GETTING OIL IN THEIR BASEMENTS FROM AN UNK SOURCE

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
5 NE < 1/8 186 ft.	MTA NYCT - CAMPBELL STORAGE FACILITY 532 SMITH ST BROOKLYN, NY 11231	FINDS RCRA-LQG NY MANIFEST	1001215478 NYR000045898

Relative: Lower

Actual: 9 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRAInfo:
Owner: MTA NEW YORK CITY TRANSIT
(718) 243-4581
EPA ID: NYR000045898
Contact: HOWARD MATZA
(718) 243-4581
Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST:

Document ID:	NJA2761914
Manifest Status:	K
Trans1 State ID:	NJDEPES58
Trans2 State ID:	Not reported
Generator Ship Date:	971028
Trans1 Recv Date:	971028
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971028
Part A Recv Date:	Not reported
Part B Recv Date:	971121
Generator EPA ID:	NYR000045898
Trans1 EPA ID:	NJ0000027193
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	07094
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97
Facility Type:	Generator
EPA ID:	NYR000045898
Facility Name:	NYCTA
Facility Address:	532 SMITH ST
Facility City:	BROOKLYN
Facility Zip 4:	Not reported
Country:	Not reported

MTA NYCT - CAMPBELL STORAGE FACILITY (Continued) **1001215478**

County:	KINGS
Mailing Name:	NYCTA
Mailing Contact:	OLIVER SUOY
Mailing Address:	370 JAY ST - RM 819
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11201
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	718-243-4581

B6 **EXXON MOBILE** **NY Spills** **S107416719**
North **375 HAMILTON AVE** **N/A**
< 1/8 **BROOKLYN, NY**
277 ft.

Site 1 of 8 in cluster B

Relative:
Equal

Actual:
12 ft.

NY Spills:

Site ID:	355196
Facility Addr2:	Not reported
Facility ID:	0509438
Spill Number:	0509438
Facility Type:	ER
SWIS:	2401
Region of Spill:	2
Investigator:	SMSANGES
Referred To:	Not reported
Spill Date:	11/07/05
Reported to Dept:	11/07/05
CID:	12
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	/ /
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
UST Trust:	True
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/08/05
Remediation Phase:	0
Date Entered In Computer:	11/07/05
Spill Record Last Update:	11/08/05
Spiller Name:	HOSAIN
Spiller Company:	EXXON MOBILE
Spiller Address:	375 HAMILTON AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Spiller Phone:	(718) 802-9099
Contact Name:	HOSAIN
Contact Phone:	(718) 802-9099
DEC Region:	2
Program Number:	0509438
DER Facility ID:	305189
Site ID:	355196
Operable Unit ID:	1112565

EXXON MOBILE (Continued) **S107416719**

Operable Unit:	01
Material ID:	2102607
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	Gallons
Recovered:	5.00
Resource Affected:	Soil
Oxygenate:	False
DEC Remarks:	Start CallerRemark - 0509438 AUTO SHUT OFF FAILURE, ON DISPENSER; ALL CONTAINED AND IS ALL CLEANED UP: END CallerRemark - 0509438
Remarks:	Not reported

B7 **MOBIL OIL CORP SS #F6J** **RCRA-SQG 1000553814**
North **375 HAMILTON AVE** **FINDS NYD986962488**
< 1/8 **BROOKLYN, NY 11231** **UST**
277 ft. **NY MANIFEST**
Site 2 of 8 in cluster B **HIST UST**

Relative:
Equal

Actual:
12 ft.

RCRAInfo:

Owner:	MOBIL OIL CORP
	(703) 849-3330
EPA ID:	NYD986962488
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

UST:

Facility ID:	2-157643
Program Type:	PBS
Facility Addr2:	375 HAMILTON AVE
Locality:	BROOKLYN
SWIS Code:	2401
DEC Region:	2
Registered:	1
Expiration Date:	10/29/2007
Site Status:	Active
Site Type:	Retail Gasoline Sales
Above Ground Tanks:	No
Under Ground Tanks:	Yes

NY MANIFEST:

Document ID:	NJA1537348
Manifest Status:	C
Trans1 State ID:	NJDEPS727
Trans2 State ID:	Not reported
Generator Ship Date:	930305
Trans1 Recv Date:	930305
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930305
Part A Recv Date:	Not reported
Part B Recv Date:	930319
Generator EPA ID:	NYD986962488
Trans1 EPA ID:	NJD986609949
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00275
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93
Facility Type:	Generator
EPA ID:	NYD986962488
Facility Name:	MOBIL OIL
Facility Address:	375 HAMILTON AVE
Facility City:	BROOKLYN
Facility Zip 4:	Not reported
Country:	Not reported
County:	KINGS
Mailing Name:	MOBIL OIL
Mailing Contact:	KLAUS HORATSCHEK
Mailing Address:	3225 GALLOWS RD
Mailing City:	FAIRFAX
Mailing State:	VA
Mailing Zip:	22037
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	516-249-3150

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

HIST UST:

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	001
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	03/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	002
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Rubber Liner
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	03/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	003
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	004
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	005
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	006
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Not reported

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	007
Tank Location:	UNDERGROUND
Install Date:	19731201
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

PBS Number:	2-157643
SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	H. SINGH
Operator Telephone:	(718) 625-9369
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported

MOBIL OIL CORP SS #F6J (Continued) **1000553814**

Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	375 HAMILTON AVE
Tank Id:	008
Tank Location:	UNDERGROUND
Install Date:	19930101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	02/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported
Lat/long:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
PBS Number:	2-157643

Adobe InDesign Tab

Mary Lister
718-251-5591

SINGER
environmental group

PHASE I ENVIRONMENTAL ASSESSMENT

SMITH STREET/CREAMER STREET/BAY STREET,
BLOCKS 489, 491, 493, 495, LOTS 1
BROOKLYN, NY 11231

5318 New Utrecht Avenue Brooklyn, New York 11219
T: 718.437.9600 F: 718.437.0082 E: singenv@aol.com

PHASE I ENVIRONMENTAL ASSESSMENT

ASTM E1527-00

PROPERTY ADDRESS: SMITH STREET/CREAMER STREET/BAY STREET,
BLOCKS 489, 491, 493, 495, LOTS 1
BROOKLYN, NY 11231

PREPARED FOR: HERMAN SEGAL

PREPARED BY: SINGER ENVIRONMENTAL GROUP, LTD
5318 NEW UTRECHT AVENUE
BROOKLYN, NY 11219

DATE: FEBRUARY 1, 2005

SCOPE OF THIS PHASE I ENVIRONMENTAL SURVEY

To thoroughly inspect all accessible areas and facilities in and around the (1) four story (Block 489), (1) two story plus basement and (2) one story (Block 491) (1) one story (Block 493) and (1) one story (Block 495) buildings located at SMITH STREET/CREAMER STREET/BAY STREET, BLOCKS 489, 491, 493, 495, LOTS 1, BROOKLYN, New York and to assess the environmental status of the subject property. The tasks were conducted via a visual inspection of the site, review of available historical records documenting uses of the property along with persons knowledgeable about the subject property.

This survey assessed any ongoing or former operations, whether current or former operators/leases used or stored chemicals on the premises, if any waste materials arising from operations have been dumped on the premises or if any landfill operations have taken place.

Visual inspection of the immediate vicinity around the premises were also conducted, wherever possible or reasonable, in order to determine whether any sites adjoining the premises are used for heavy manufacturing or the generation, storage, shipping or disposal of hazardous waste, chemical materials or fuel supplies; if there are any underground or suspended transformer, capacitors, etc. Containing PCB's on the subject property or if there are any underground storage tanks.

As part of this environmental survey, inquiry was made with the U.S. Environmental Protection Agency and appropriate State and Local Agencies in order to ascertain the location of any potential, alleged or known hazardous waste sites within a one half mile radius of subject property. The CERCLIS (Comprehensive Emergency Response, Compensation and Liability Information System) is the U.S. EPA's compilation of such alleged, potential or known hazardous waste sites brought to the attention of the U.S. EPA Office of Emergency and Remedial Response which have been, will be or are currently under investigation for suspected or known environmentally hazardous activities. The National Priorities List (NPL) is the U.S. EPA's listing of known of known contaminated sites which have been targeted for clean-up due to the immediate threat posed to human health and/or the environmental integrity of that property as well as its marketability.

If appropriate, inquiry was also made with the US Environmental Protection Agency and appropriate State and Local agencies regarding their acknowledgment that the presence and/or disposal of hazardous or toxic chemicals, if any, are within their guidelines and compliance.

Recommendations, wherever appropriate, have been given as to the action, if any, which should be taken to confirm with the most current guidelines and rules for compliance as set forth by these agencies.

The Phase I Environmental Survey is limited in budget and scope. No sampling, testing or laboratory analysis is conducted unless so noted and the assessment is based on the professional opinion of the Environmental Consultant. The Phase I Environmental Survey is not and should not be considered a warranty or guarantee about the presence or absence of environmental contaminants which might affect the subject property.

This report was prepared in accordance with ASTM E-1527-00 protocols for Phase I Environmental Site Assessments.

EXECUTIVE SUMMARY

SITE DESCRIPTION

- This property is known as 595-609 Smith Street/258 Creamer Street/251 Rear Bay Street, Block 489 Lot 1, 611-625Rear Smith Street/236, 240-246 Bay Street, Block 491, Lot 1; 627-641 Smith Street, Block 493, Lot 1, 643-661 Smith Street, Block 495, Lot 1, Brooklyn, NY.
- This property consists of a (1) four story building containing a Tire Warehouse and Storage (Block 489), (1) two story plus basement and (2) one story buildings containing offices, a warehouse and a DEA storage (Block 491), (1) one story building containing a Tire Warehouse and Sales Office (Block 493), and (1) one story building containing a Tire Warehouse and Sales Office (Block 495). (Exhibit A)
- These properties are zoned for "Warehouse" building use.
- Block 489, Lot Size: 225'X175', Building Size: 225'X132'.
- Block 491, Lot Size: 250'X175', Building Size: 74'X80'.
- Block 493, Lot Size: 237'X175', Building Size: 135'X108.
- Block 495, Lot Size: 238'X175, Building Size: 238'X165'.

ASBESTOS

- Suspect ACM non friable 9"X9" *floor tile was noted on the second floor loading and stairway of 611-625 Smith Street (Block 491).*

No further action is required at this time. ✓

- **The second floor and basement were noted accessible during this inspection.**

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all suspect materials should tested and verified free of any ACM.

LEAD

- LBP (Lead Based Paint) was not surveyed for this report. ✓

MOLD

- Mold was not surveyed for this report. ✓

FUEL OIL AND GASOLINE STORAGE TANKS

627-641 Smith Street (Block 493)

- NO heat.
- According to Sanborn History maps dated 1904 and 1915, tar tanks and barrels, and fuel oil tanks were indicated on the subject property.

  These tanks and barrels appear to have been aboveground.
- According to Sanborn History map dated 1950 a gasoline tank is indicated in the middle of the subject property (by 635 Smith Street).

  A GPR (Ground Penetrating Radar) should be conducted to determine the presence of ANY underground storage tanks (Eg, gasoline, fuel oil, tar).

643-6661 Smith Street (Block 495)

- NO heat.

595-609 Smith Street (Block 489)

- NO heat.

611-625 Smith Street (Block 491)

Office Building

- According to the CFO of the building, Brian, the boiler is gas fired.
- One fuel oil concreted vent and fill was noted during this inspection.

  According to the CFO of the building, Brian, one 275 gallon fuel oil aboveground storage tank was removed approximately 8 to 10 years ago.
- There was NO access to the basement or second floor during this inspection.

PCB's

- NO PCB's were noted during this inspection.

SITE HISTORY

- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that **Block 489 Lot 1** has been used Warehouse/Storage from the 1900's to the 1990's (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that **Block 491 Lot 1** has been used as Hay Storage, Sheds in the 1900's, Hay Storage, Office in the 1910's, Warehouse, Office, Storage, Shed from the 1930's to the 1950's, Black Diamond Cargo Line in the 1960's, and Warehouse, Storage from the 1970's to the 1990's. (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that **Block 493 Lot 1** has been used as Barrett Manufacturing Company, Storage and Shipping Shed from the 1900's to the 1910's, Vacant building in the 1930's, Colonial Sand and Stone Company in the 1950's, Cargo Storage in the 1960's and Cargo Handling from the 1970's to the 1990's (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that **Block 495 Lot 1** has been used as American Ice Company in the 1900's, NY Knickerbocker Real Estate in the 1910's, Smith Street Dock Corp, Seaboard Storage from the 1930's to the 1950's, and Cargo Storage from the 1960's to the 1990's.

- According to knowledgeable sources, these properties have been occupied by a Tire Warehouse for 15 years, prior; Coffee Distributor, prior; Pittson Steel.

SURROUNDING AREAS

NORTH:	COMMERCIAL BUILDINGS
SOUTH:	GOWANUS BAY
WEST:	COMMERCIAL BUILDINGS
EAST:	GOWANUS BAY, COMMERCIAL BUILDINGS

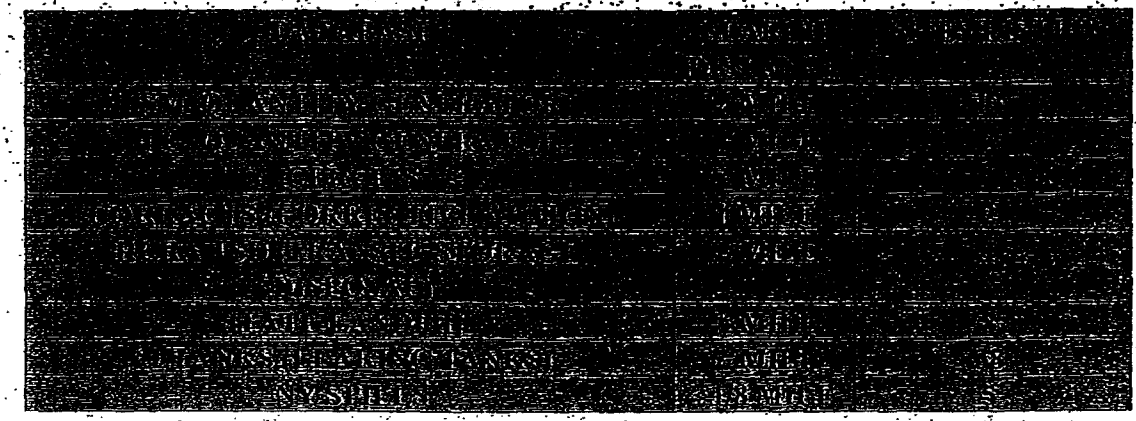
CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

- NO chemical or hazardous material/waste storage was noted during this inspection.

  NO floor drains were noted in these buildings during this inspection.

  Please note: Due to merchandise, not all areas were visible during this inspection.

EDR(ENVIRONMENTAL DATE RESOURCES) DATABASE SUMMARY



These should have no affect on the subject property.

- *611 Smith Street IS listed on the ERNS and NY SPILLS Databases.*

On 08-05-92 a "Spill"#9205166 was reported due to "Unknown".
Spill Closed Date: 08-05-92.
Remark: Sinking Barge May Lead To Spill. USCG Monitoring.

SITE HISTORY

In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that Block 489 Lot 1 has been used Warehouse/Storage from the 1900's to the 1990's (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

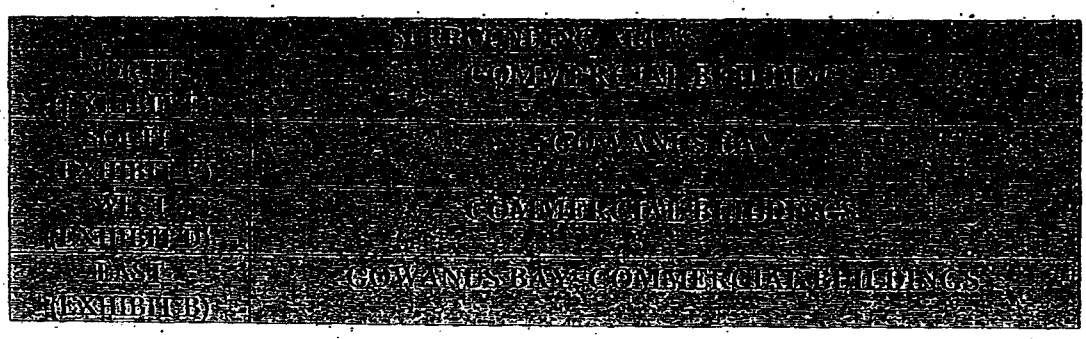
In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that Block 491 Lot 1 has been used as Hay Storage, Sheds in the 1900's, Hay Storage, Office in the 1910's, Warehouse, Office, Storage, Shed from the 1930's to the 1950's, Black Diamond Cargo Line in the 1960's, and Warehouse, Storage from the 1970's to the 1990's. (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that Block 493 Lot 1 has been used as Barrett Manufacturing Company, Storage and Shipping Shed from the 1900's to the 1910's, Vacant building in the 1930's, Colonial Sand and Stone Company in the 1950's, Cargo Storage in the 1960's and Cargo Handling from the 1970's to the 1990's (from the 1970's to the early 1980's, part of Pittson Stevedoring, and from the mid 1980's to the 1990's, part of Bridgeston).

In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that Block 495 Lot 1 has been used as American Ice Company in the 1900's, NY Knickerbocker Real Estate in the 1910's, Smith Street Dock Corp, Seaboard Storage from the 1930's to the 1950's, and Cargo Storage from the 1960's to the 1990's.

According to knowledgeable sources, these properties have been occupied by a Tire Warehouse for 15 years, prior; Coffee Distributor, prior; Pittson Steel.

A Sanborn site history "mapping and geographic" search was conducted for a 100 year span and 20 maps were provided (see documentation).



ENVIRONMENTAL ASSESSMENT

A visual inspection and interview at the subject property took place on January 31, 2005, by Mr. Shemon Singer, who was accompanied by the CFO, Brian.

ASBESTOS CONTAINING MATERIALS (ACM)

Asbestos is the generic name for a group of naturally occurring hydrated mineral silicates that are characterized by fibers or bundles of fine single crystal fibers. The New York City Department of Environmental Protection defines asbestos containing materials as "any material which contains more than one percent asbestos by weight." Asbestos materials were used for many years in a variety of ways in building construction due to its excellent acoustic insulating and thermal barrier properties. The durability of asbestos fibers and their small size and fibrous shape make asbestos an unusual environmental contaminant. Water infiltration, contact during routine maintenance and age are major factors breaking down asbestos containing materials and creating exposure problems.

Suspect ACM non friable 9"X9" *floor tile was noted on the second floor loading and stairway of 611-625 Smith Street (Block 491).*

No further action is required at this time.

The second floor and basement were noted accessible during this inspection.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all suspect materials should tested and verified free of any ACM.

Rooms/areas/facilities in the first floors (blocks 491, 493, 495), first through fourth floors (block 489), were inspected as part of this survey.

627-666 Smith Street (Blocks 493, 495)

One Story-Tire Warehouse and Sales Office	-	Sprinkler Main, Locker Rooms, Storage Room-Electric Heat.
Warehouse	-	Concrete, Sheetmental with steel supports. NO heat. NO floor drain noted. Please note: Due to merchandise, not all areas were visible. Hi-Lo's Portable Propane Tanks.

595-609 Smith Street (Block 489)

Four Story-Tire Warehouse and Storage	-	Concrete Floor (First Floor), Wood Brick. NO heat. NO floor drain was noted. Please note: Due to merchandise, not all areas were visible.

611-625 Smith Street (Block 491)

Two Story plus Basement

First Floor

Offices	-	Carpet/Wood/1'X1' Floor Tile, Panel/Plaster Walls, Ceiling Tile/Plaster Ceilings. Radiators.

Second Floor

Vacant	-	No Access. Suspect ACM non friable 9"X9" floor tile.
Basement	-	No Access. Boiler.

One Story

First Floor

Warehouse - Concrete, Brick, Wood. NO Heat.

First Floor

DEA Storage - No Access.

Parking Between Buildings - Asphalt. Storm Drain Noted. (Areas Covered with snow).

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

The rooms/areas/facilities that were inspected as part of this Phase I environmental survey; NO 55 gallon or smaller sized drums were found on the property. NO storage or use of pesticides were found at the subject property. NO distressed vegetation was noted during this inspection.

NO floor drains were noted in these buildings during this inspection.

Please note: Due to merchandise, not all areas were visible during this inspection.

PRESENCE OF PCBs IN TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical equipment is regulated by the U.S. Environmental Protection Agency, Regulations 40 CFR Part 761. Upon visual inspection, NO suspended transformers power supply sources were identified. Contact with Con Edison has nevertheless been made to determine definitely if any equipment owned and/or maintained by Con Edison located on or in the immediate vicinity of the subject property contain PCB's.

FUEL OIL AND GASOLINE STORAGE TANKS

The New York State Department of Environmental Conservation regulates the storage and handling of petroleum storage facilities. Aboveground and Underground storage tanks storing petroleum can, if not properly installed and maintained, cause serious environmental problems. Including contamination of a water supply. In an effort to prevent leaks and spills, the Petroleum Bulk Storage Law (Article 17, Title 10 of the Environmental Conservation Law) requires the DEC to develop and enforce a State Code for the storage and handling of petroleum. The resulting regulations are Parts 612, 613 and 614. Any facility with a stationary tank combined capacity exceeding 1,100 gallons must be registered with the New York State Department of Environmental Conservation.

627-641 Smith Street (Block 493)

- NO heat.
- According to Sanborn History maps dated 1904 and 1915, tar tanks and barrels, and fuel oil tanks were indicated on the subject property.

  These tanks and barrels appear to have been aboveground.
- According to Sanborn History map dated 1950 a gasoline tank is indicated in the middle of the subject property (by 635 Smith Street).

  A GPR (Ground Penetrating Radar) should be conducted to determine the presence of ANY underground storage tanks (Eg, gasoline, fuel oil, tar).

643-6661 Smith Street (Block 495)

- NO heat.

595-609 Smith Street (Block 489)

- NO heat.

611-625 Smith Street (Block 491)

Office Building

- According to the CFO of the building, Brian, the boiler is gas fired.
- One fuel oil concreted vent and fill was noted during this inspection.

  According to the CFO of the building, Brian, one 275 gallon fuel oil aboveground storage tank was removed approximately 8 to 10 years ago.
- There was NO access to the basement or second floor during this inspection.

RCRA - RESOURCE CONSERVATION AND RECOVERY ACT

RCRA was enacted in 1976 to address the problem of disposing solid waste, hazardous waste, underground storage tanks and medical waste. Subtitle C of the Act establishes a program to manage and regulate hazardous wastes. The objective of the subtitle C program is to ensure that hazardous waste is handled in a manner that protects human health and the environment. Under RCRA, there are three categories of hazardous waste generators: Large quantity generators (LQG), small quantity generators (SQG), and conditionally exempt small quantity generators. LQG are defined as those facilities that generate either 1,000 or more kilograms per month of hazardous waste or 1 kg or more of acutely hazardous waste per month.

LQG and SQG are subject to regulations contained in 40 CFR Part 262: Obtaining and EPA ID number, preparing the waste for transportation, follow storage requirements, manifesting of hazardous waste and record keeping.

THIS SITE IS NOT LISTED ON THE RCRIS OR FINDS LISTS.

According to EDR Radius Map Search 1 RCRA TSD (Transit, Storage, Disposal) site is located 1/4 to 1/2 mile radius of the subject property.

According to EDR Radius Map Search 2 CORRACTS (Corrective Action) sites are located 1/4 to 1 mile radius of the subject property.

According to EDR Radius Map Search 3 Lg. Quantity Generators are located <1/8 to 1/4 mile radius of the subject property.

According to EDR Radius Map Search 13 Sm. Quantity Generators are located <1/8 to 1/4 mile radius of the subject property.

These should have NO affect on the subject property.

ADDITIONAL OBSERVATION

An inspection of the immediate vicinity around the subject property was also conducted as part of this Phase I Environmental Assessment.

In addition to the visual inspection, contact was made with the U.S. Environmental Protection Agency regarding the presence of any known, alleged or potential hazardous waste sites located in he immediate vicinity of the subject property which have been brought to the attention of the U.S. EPA Office of Emergency & Remedial Response and included in the Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS). Based on reports, ONE such property has been identified as such (see documentation).

According to EDR Radius Map Search 1 CERCLIS site is located 1/4 to 1/2 mile radius of the subject property.

This should have no affect on the subject property.

A review of the N.Y.S. D.E.C. Inactive Hazardous Waste Disposal Report was conducted. According to their records, NO site has been identified on or near the subject property.

According to EDR Radius Map Search 8 State Landfill sties are located <1/8 to 1/2 mile radius of the subject property.

These should have no affect on the subject property.

A radon test was NOT conducted at the subject property. Elevated radon levels create a potential health risk, The U.S. EPA and the Center for Disease Control have used a continuous exposure level of 4 pCi/L as a guidance level at or above which further testing and/or remedial action are indicated. There were no records or other evidence that radon testing has been performed at the subject property.

RECOMMENDATIONS

The following are recommendations based on the Phase I Environmental Survey conducted at the property located at SMITH STREET/CREAMER STREET/BAY STREET, BLOCKS 489, 491, 493, 495, LOTS 1, BROOKLYN, New York.

On January 31, 2005, a Phase I Environmental Assessment of the above-mentioned property were conducted in accordance with the generally accepted assessment protocol. The Phase I environmental assessment relied primarily on visual observation made during inspection and review of available historical documents as they relate to current and past usages of the subject property. Additionally, the immediate vicinity of the subject property was inspected in order to ascertain the likelihood of toxic or hazardous substances or other agents to be present at surrounding locations which might adversely affect the subject site.

As part of the asbestos section of this survey, an inspection of all the aforementioned areas were conducted:

Construction materials on the exterior and interior of the building were also inspected for possible asbestos content.

Within each of these rooms/areas/facilities, piping insulation (e.g. on hot and cold water supply piping), if any, was checked at exposed locations for possible asbestos content.

Suspect ACM non friable 9"X9" *floor tile was noted on the second floor loading and stairway of 611-625 Smith Street (Block 491).*

No further action is required at this time.

The second floor and basement were noted accessible during this inspection.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all suspect materials should tested and verified free of any ACM.

DEPARTMENT OF BUILDINGS

According to the Department of Buildings "Property Profile Overview" dated 02/02/05, 7 DOB (Block 491) violations are "open" at this time.

These should appear on the title report.

LTANKS (LEAKING TANKS)

According to an EDR Radius Map search, 38 LTANKS sites were identified 1/8 to 1/2 mile of the subject property.

These should have NO affect on the subject property.

ERNS

See NY SPILLS.

N.Y SPILLS

- *611 Smith Street IS listed on the ERNS and NY SPILLS Databases.*

On 08-05-92 a "Spill"#9205166 was reported due to "Unknown".
Spill Closed Date: 08-05-92.
Remark: Sinking Barge May Lead To Spill. USCG Monitoring.

According to an EDR Radius Map search, 5 spill sites were identified <1/8 mile radius of the subject property.

This should have NO affect on the subject property.

FUEL OIL AND GASOLINE STORAGE TANKS

627-641 Smith Street (Block 493)

- NO heat.
- **According to Sanborn History maps dated 1904 and 1915, tar tanks and barrels, and fuel oil tanks were indicated on the subject property.**

  These tanks and barrels appear to have been aboveground.
- **According to Sanborn History map dated 1950 a gasoline tank is indicated in the middle of the subject property (by 635 Smith Street).**

  A GPR (Ground Penetrating Radar) should be conducted to determine the presence of ANY underground storage tanks (Eg, gasoline, fuel oil, tar).

643-6661 Smith Street (Block 495)

- NO heat.

595-609 Smith Street (Block 489)

- NO heat.

611-625 Smith Street (Block 491)

Office Building

- According to the CFO of the building, Brian, the boiler is gas fired.
- One fuel oil concreted vent and fill was noted during this inspection.

  According to the CFO of the building, Brian, one 275 gallon fuel oil aboveground storage tank was removed approximately 8 to 10 years ago.
- There was NO access to the basement or second floor during this inspection.

ASBESTOS

According to the Environmental Protection Agency and included in the publication #EPA 560/5-85-024 "Guidance for Controlling Asbestos Containing Materials (ACM) in Buildings " asbestos containing materials are found in three forms: (1) Sprayed or troweled on ceilings and walls and structural steel; (2) in insulation around hot and cold piping, ducts, boilers and tanks; and (3) in a non-friable state in products such as ceilings and floor tiles. Wallboards and outside in materials such as shingles and roofing materials. In general, ACM in the first two categories is of greatest concern, especially if it is friable, causing the materials to release fibers into the air.

ACM are believed to be present on the roof in tars, felts and papers used in roof coatings. These materials are "non-friable" in their present state. In the event of change in present status e.g. demolition, these materials should be tested and verified of any ACM.

Ceiling and floor tile which may contain asbestos are not required to be removed due to their non-friable state.

FIRE DEPARTMENT

A record search at the Fire Department was NOT conducted for existing Fire Department violations.

Fire Department violations, if any, should show up on the Title Report.

N.Y.S. D.E.C.

A F.O.I.A. request was submitted to the N.Y.S. Department of Environmental Conservation regarding any spills, PBS (Petroleum Bulk Storage etc.). To date, NO response has been received. Upon receipt, an addendum will follow.

N.Y.C. D.E.P.

A F.O.I.A. request was submitted to the N.Y.C. Department of Environmental Protection regarding any violations, etc. To date, NO response has been received. Upon receipt, an addendum will follow.

DEPARTMENT OF HEALTH

A F.O.I.A. request was submitted to the Department of Health regarding any violations, etc. To date, NO response has been received. Upon receipt, an addendum will follow.

F.O.I.A. REQUESTS MAY BE FORWARD AFTER CLOSING DATE.

Singer Environmental Group, Ltd. has conducted this Phase I Environmental Survey as an aid in determining the presence of potentially toxic or hazardous chemicals or substances as of the date of inspection. Observations are made herein and conclusions drawn are not to be considered as a warranty or guarantee, and are based solely upon those areas directly visible and observable, without the removal or alterations of any item or structure and reflect conditions as on the day of inspection.

Singer Environmental Group, Ltd., their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made not guarantees of the premises, expressed or implied in connection with this report, any liability which each may have shall be limited to the fee for the inspection of the property.

Respectfully Submitted by:

SHEMON SINGER
Environmental • Assessment • Association
#6209
Certified Environmental Inspector

SHEMON SINGER
EAA CERTIFIED ENVIRONMENTAL INSPECTOR
NO. 6209
FEBRUARY 1, 2005

EXHIBIT B (EAST)

EXHIBIT D (WEST)

SMITH STREET/CREAMER STREET/BAY STREET, BROOKLYN, NY

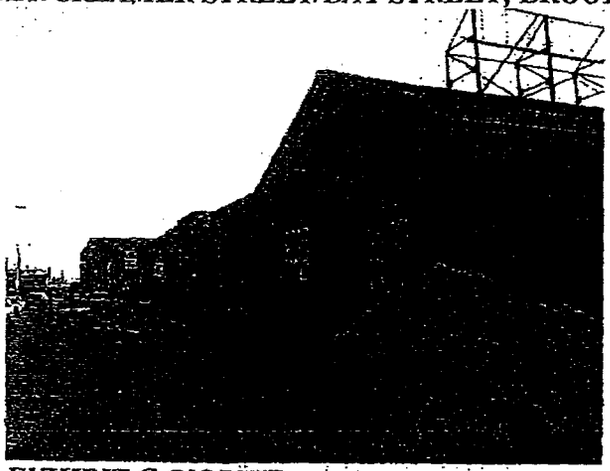
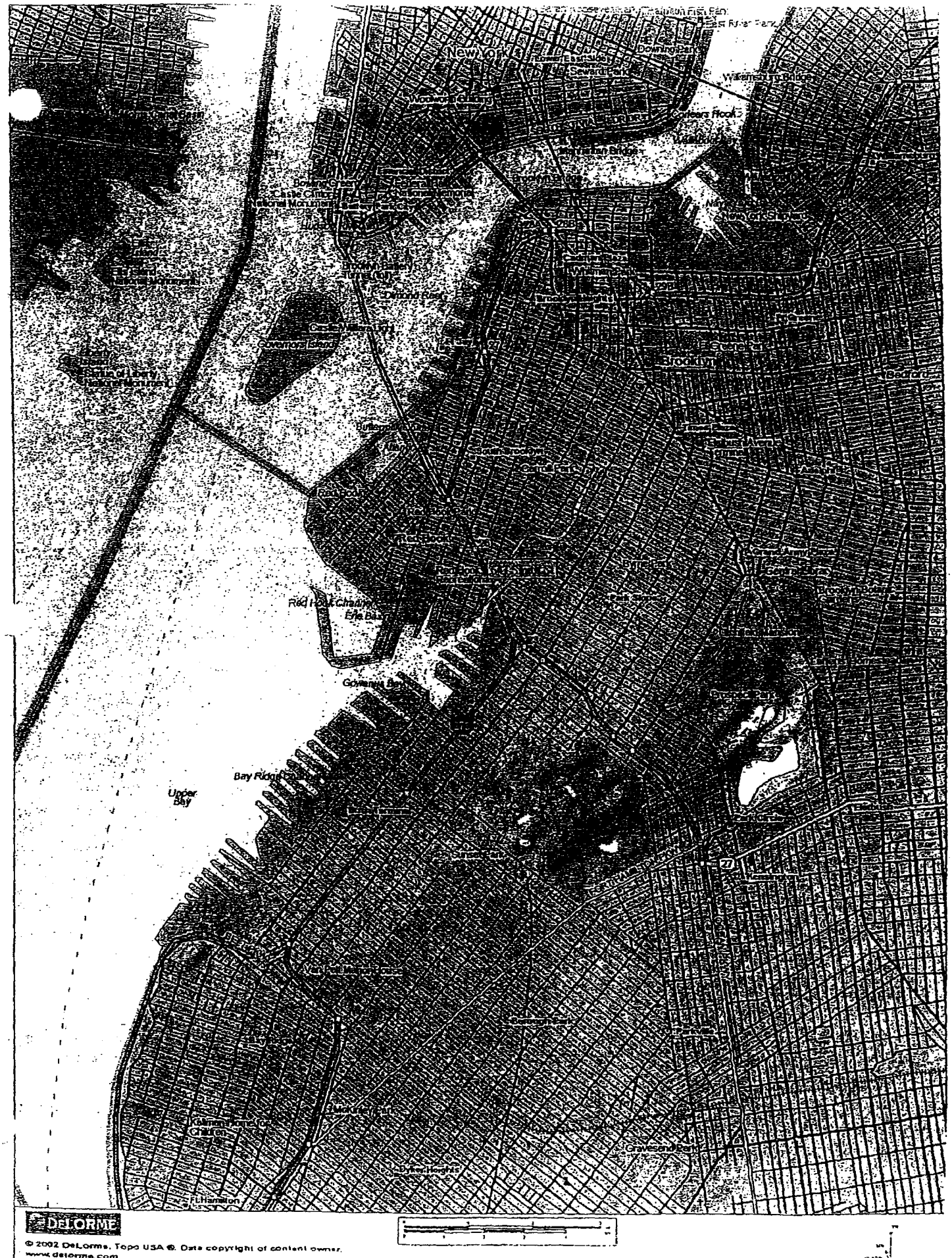


EXHIBIT C (NORTH)



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NYC BUILDINGS

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NYC Department of Buildings

Property Profile Overview

559 SMITH STREET BROOKLYN 11231 BIN# 3001736

SMITH STREET	643 - 661	Health Area	: 41	Tax Block	: 495
		Census Tract	: 55	Tax Lot	: 1
		Community Board	: 306	Condo	: NO
		Buildings on Lot	: 1	Vacant	: NO

View All Addresses... Browse Block Browse Lot View Certificates of Occupancy

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Loft Law:	NO	**Local Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**Special District:**	N/A
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:	495	**Historic Lots:**	1
BINs:	NONE		
Department of Finance Occupancy Code:		E9-WAREHOUSE	

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical (BEC) Applications
Violations-ECB	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
PRA / ARA Jobs	0		Plumbing Inspections
Total Jobs	0		Facade Status Information
Total Actions	0		Marquee Annual Permits
			Boiler Compliance

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC BUILDINGS

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C of O PDF Listing for Property

Premises: [illegible] BIN: 30082[illegible] Block: [illegible] Lot: [illegible]

Download the Adobe Acrobat Reader if you are unable to open the PDF files

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC BUILDINGS

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Expanded Block / Lot Information

PREMISES: 643 SMITH STREET (BROOKLYN) BIN: 3008217 Block: 450 Lot: 1

LOW NUMBER	HIGH NUMBER	STREET NAME	STATE	BIN
643	661	SMITH STREET	77730	3008217

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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TENTATIVE ASSESSMENT ROLL 2004-2005 | City of New York

Taxable Status Date: January 5, 2004

View 2003 FINAL ASSESSMENT ROLL
View 2004 FINAL ASSESSMENT ROLL
View 2005 TENTATIVE ASSESSMENT ROLL

EXPLANATION OF ASSESSMENT ROLL

Parcel Information

◀◀ Previous BBL Next BBL ▶▶

Owner Name:
COHN, MADELINE

Property Address and Zip Code:
659 SMITH STREET 11231

Real Estate Billing Name and Address:
EDWARD COHN
BOX 543
611 SMITH ST
BROOKLYN NY 11231

Borough: BROOKLYN
Block: 495
Lot: 1

Tax Class: 4
Building Class: E9 Codes

Land Information

Lot Size	Irregular	Corner
238.00FT X 175.00FT	IRREG	CR

Building Information

Number of Buildings	Building Size	Extension	Stories
1	238.00FT X 165.00FT		2

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		1,040,000
ACTUAL AV	236,250	468,000
ACTUAL EX AV	0	0
TRANS AV	263,250	516,600
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2004/05 TAXES WILL BE BASED ON	468,000

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NYC BUILDINGS

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NYC Department of Buildings

C of O PDF Listing for Property

Premises: 627 SMITH STREET BROOKLYN BIN: 3008295 Block: 4[illegible] Lot: 1

Download the Adobe Acrobat Reader if you are unable to open the PDF files

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC BUILDINGS

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NYC Department of Buildings

Property Profile Overview

627 SMITH STREET		BROOKLYN [illegible]		BIN [illegible]	
SMITH STREET	627 - 641	Health Area	: 41	Tax Block	: 493
		Census Tract	: 55	Tax Lot	: 1
		Community Board	: 308	Condo	: NO
		Buildings on Lot	: 1	Vacant	: NO

View All Addresses... Browse Block Browse Lot View Certificates of Occupancy

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:		**Special Status:**	N/A
Loft Law:	NO	**Local Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**Special District:**	N/A
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:	493	**Historic Lots:**	1
Other BINs:	NONE		

Department of Finance Occupancy Code: E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB	0	0
Jobs/Filings	0	
PRA / ARA Jobs	0	
Total Jobs	0	
Actions	1	

Elevator Records
Electrical (BEC) Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Facade Status Information
Marquee Annual Permits
Boiler Compliance

OR Enter Action Type:
OR Select from List: Select...
AND Show Actions

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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Actions

Premises: 127 SMITH STREET BROOKLYN BIN 3008216 Block 99 Lot 1

NUMBER	TYPE	FILE DATE
DEM 754-111850	DEMOLITION	00/00/1950

Enter Action Type: [ ] Or Select from List: Select... Refresh

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Property Profile Overview

51 SMITH STREET		BROOKLYN 11201		BIN 3135	
		Health Area	: 41	Tax Block	: 491
		Census Tract	: 55	Tax Lot	: 1
		Community Board	: 306	Condo	: NO
		Buildings on Lot	: 3	Vacant	: NO

View All Addresses... Browse Block Browse Lot View Certificates of Occupancy

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		Special Status:	N/A
Loft Law:	NO	Local Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO	Special District:	N/A
Little 'E' Restricted:	N/A	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Historic Block:		Historic Lots:	
Other BINs:	NONE		
Department of Finance Occupancy Code:		E9-WAREHOUSE	

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	7	7	Electrical (BEC) Applications
Violations-ECB	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
PRA / ARA Jobs	0		Plumbing Inspections
Total Jobs	0		Facade Status Information
Actions	2		Marquee Annual Permits
			Boiler Compliance

OR Enter Action Type:

OR Select from List: Select...

AND: Show Actions

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TENTATIVE ASSESSMENT ROLL 2004-2005 | City of New York

Taxable Status Date: January 5, 2004

View 2003 FINAL ASSESSMENT ROLL
View 2004 FINAL ASSESSMENT ROLL
View 2005 TENTATIVE ASSESSMENT ROLL

EXPLANATION OF ASSESSMENT ROLL

Parcel Information

Previous BBL | Next BBL

Owner Name:
COHN, EDWARD

Property Address and Zip Code:
627 SMITH STREET 11231

Real Estate Billing Name and Address:
EDWARD COHN
611 SMITH ST
BROOKLYN NY 11231

Borough: BROOKLYN
Block: 493
Lot: 1

Tax Class: 4
Building Class: E9 Codes

Land Information

Lot Size	Irregular	Corner
237.00FT X 175.00FT	IRREG	CR

Building Information

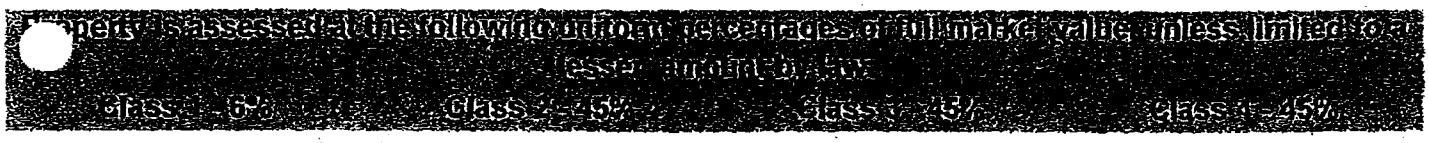
Number of Buildings	Building Size	Extension	Stories
1	135.00FT X 108.00FT		1

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		588,000
ACTUAL AV	202,500	264,600
ACTUAL EX AV	0	0
TRANS AV	232,840	290,550
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2004/05 TAXES WILL BE BASED ON	264,600



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Expanded Block / Lot Information

Premises: 627 SMITH STREET BROOKLYN BIN 3008216 Block 4[illegible] Lot [illegible]

LOW NUMBER	HIGH NUMBER	STREET NAME	STCDE	BIN
627	641	SMITH STREET	77730	3008216

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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C of O PDF Listing for Property

Premises: [illegible] STREET, BROOKLYN BIN: [illegible] Block: [illegible] Lot: [illegible]

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THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

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Property is assessed at the following uniform percentages of full market value (unless limited to a lesser amount by law):

Class 1: 6% | Class 2: 45% | Class 3: 45% | Class 4: 45%

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Expanded Block / Lot Information

Premises: 611 SMITH STREET BROOKLYN BIN 3336404 Block 491 Lot 1

LOW NUMBER	HIGH NUMBER	STREET NAME	STCDE	BIN
611	625	SMITH STREET	77730	3336404
236	236	BAY STREET	15935	3336404
240	246	BAY STREET	15935	3330279
625 REAR	625 REAR	SMITH STREET	77730	3330280

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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Actions

NUMBER	TYPE	FILE DATE
PRS 3618/66	PLUMBING REPAIR SLIP	12/08/1966
PRS 5[illegible]	PLUMBING REPAIR SLIP	06/06/1979
V 060193LL629113618	DOB VIOLATION - ACTIVE	06/01/1993
V 08[illegible]	DOB VIOLATION - ACTIVE	08/08/1994
V 021097LL629117385	DOB VIOLATION - ACTIVE	02/10/1997
V 0916[illegible]	DOB VIOLATION - ACTIVE	09/16/1997
V 050498LL629121594	DOB VIOLATION - ACTIVE	05/04/1998
V 022701LL629112891	DOB VIOLATION - ACTIVE	02/27/2001
V 031903LL629112736	DOB VIOLATION - ACTIVE	03/19/2003

Enter Action Type: [ ] Or Select from List: [Select...] [Refresh]

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Taxable Status Date: January 5, 2004

View 2003 FINAL ASSESSMENT ROLL
View 2004 FINAL ASSESSMENT ROLL
View 2005 TENTATIVE ASSESSMENT ROLL

EXPLANATION OF ASSESSMENT ROLL

Parcel Information

◀◀ Previous BBL Next BBL ▶▶

Owner Name:
COHN, EDWARD

Property Address and Zip Code:
611 SMITH STREET 11231

Real Estate Billing Name and Address:
EDWARD COHN
BOX 543
611 SMITH ST
BROOKLYN NY 11231

Borough: BROOKLYN
Block: 491
Lot: 1

Tax Class: 4
Building Class: E9 Codes

Land Information

Lot Size	Irregular	Corner
250.00FT X 175.00FT	IRREG	CR

Building Information

Number of Buildings	Building Size	Extension	Stories
2	74.00FT X 80.00FT		2

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		718,000
ACTUAL AV	256,950	323,100
ACTUAL EX AV	0	0
TRANS AV	287,190	359,320
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2004/05 TAXES WILL BE BASED ON	323,100

Property is assessed at the following uniform percentages of full market value, unless limited to a lesser amount by law.

Class 1: 6% Class 2: 45% Class 3: 45% Class 4: 45%

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Property Profile Overview

595 SMITH STREET BROOKLYN 11231 BIN# 3369[illegible]

Health Area	: 41	Tax Block	: 489
Census Tract	: 55	Tax Lot	: 1
Community Board	: 306	Condo	: NO
Buildings on Lot	: 3	Vacant	: NO

View All Addresses... Browse Block Browse Lot View Certificates of Occupancy

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		Special Status:	N/A
Loft Law:	NO	Local Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO	Special District:	N/A
Little 'E' Restricted:	N/A	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Historic Block:		Historic Lots:	
Other BINs:	NONE		
Department of Finance Occupancy Code:		E9-WAREHOUSE	

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical (BEC) Applications
Violations-ECB	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
PRA / ARA Jobs	0		Plumbing Inspections
Total Jobs	0		Facade Status Information
Total Actions	0		Marquee Annual Permits
			Boiler Compliance

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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Expanded Block / Lot Information

Premises: 595 SMITH STREET BROOKLYN BIN: 3336391 Block: 489 Lot: 1

LOW NUMBER	HIGH NUMBER	STREET NAME	STCDE	BIN
595	601	SMITH STREET	77730	3336391
258	258	CREAMER STREET	30390	3336391
251 REAR	251 REAR	BAY STREET	15935	3330278
235	243	BAY STREET	15935	3336390
603	609	SMITH STREET	77730	3336390

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C of O PDF Listing for Property

Premise: [redacted] BIN: [redacted] Block: [redacted] Lot: [redacted]

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THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

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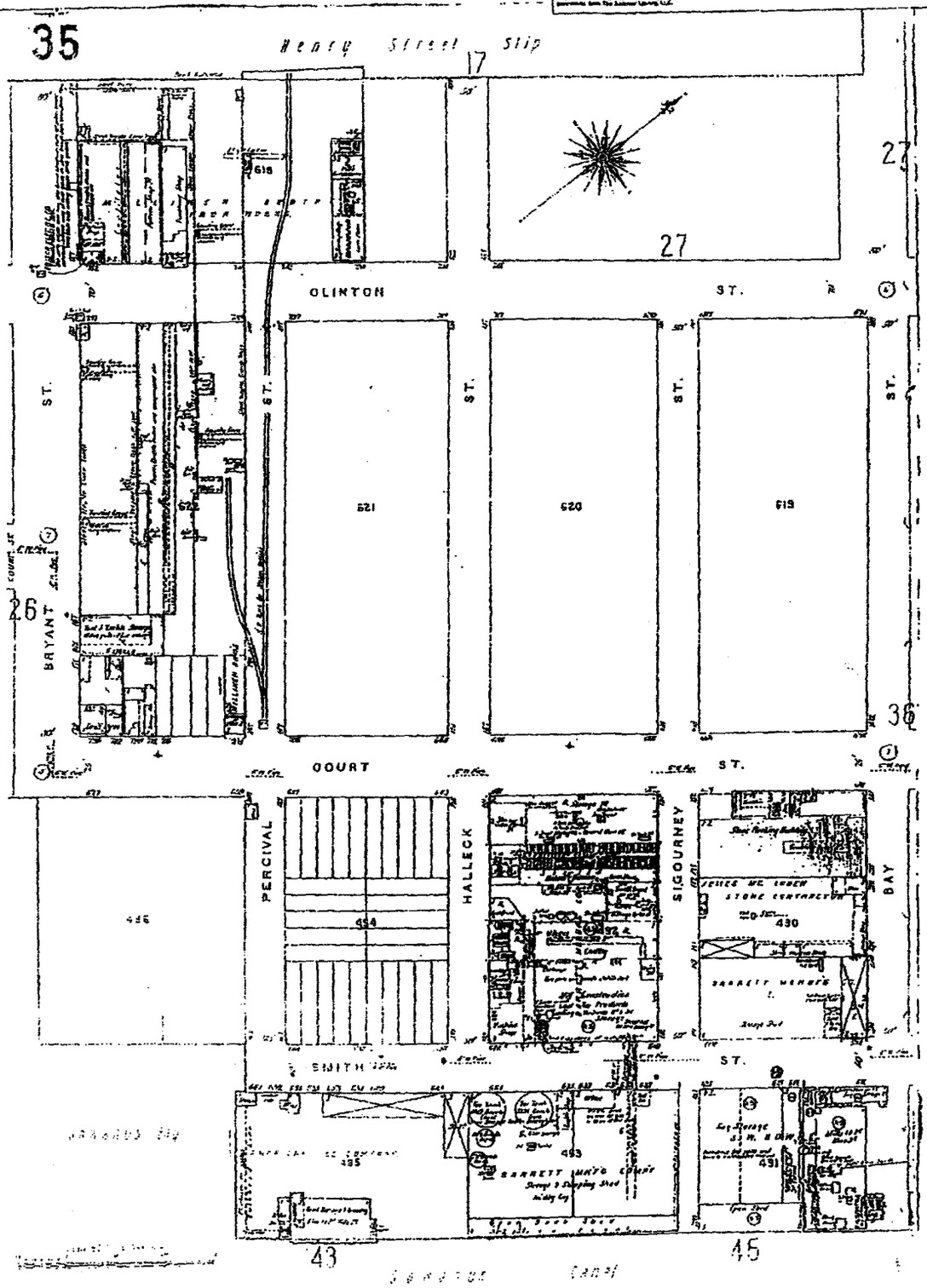

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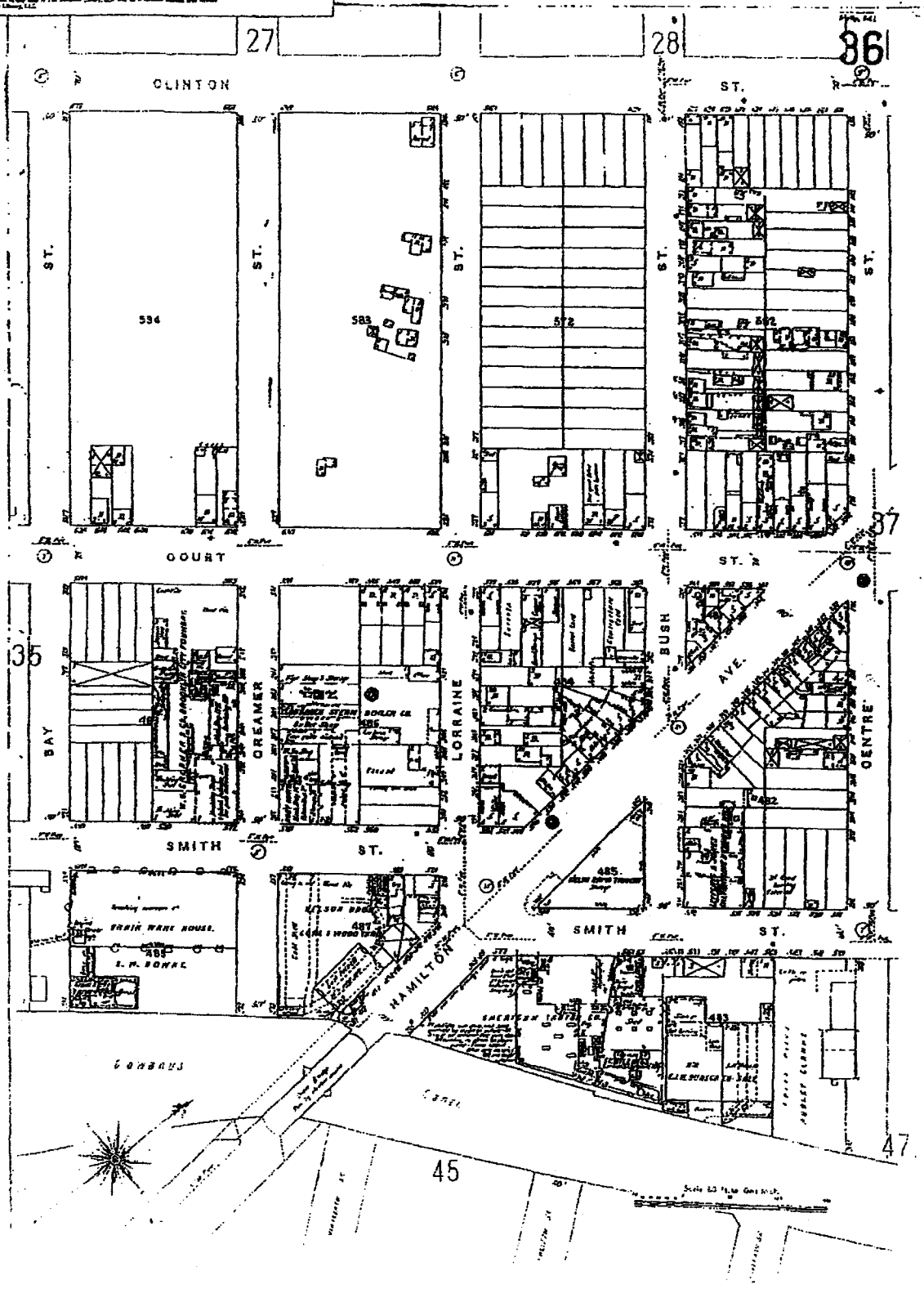

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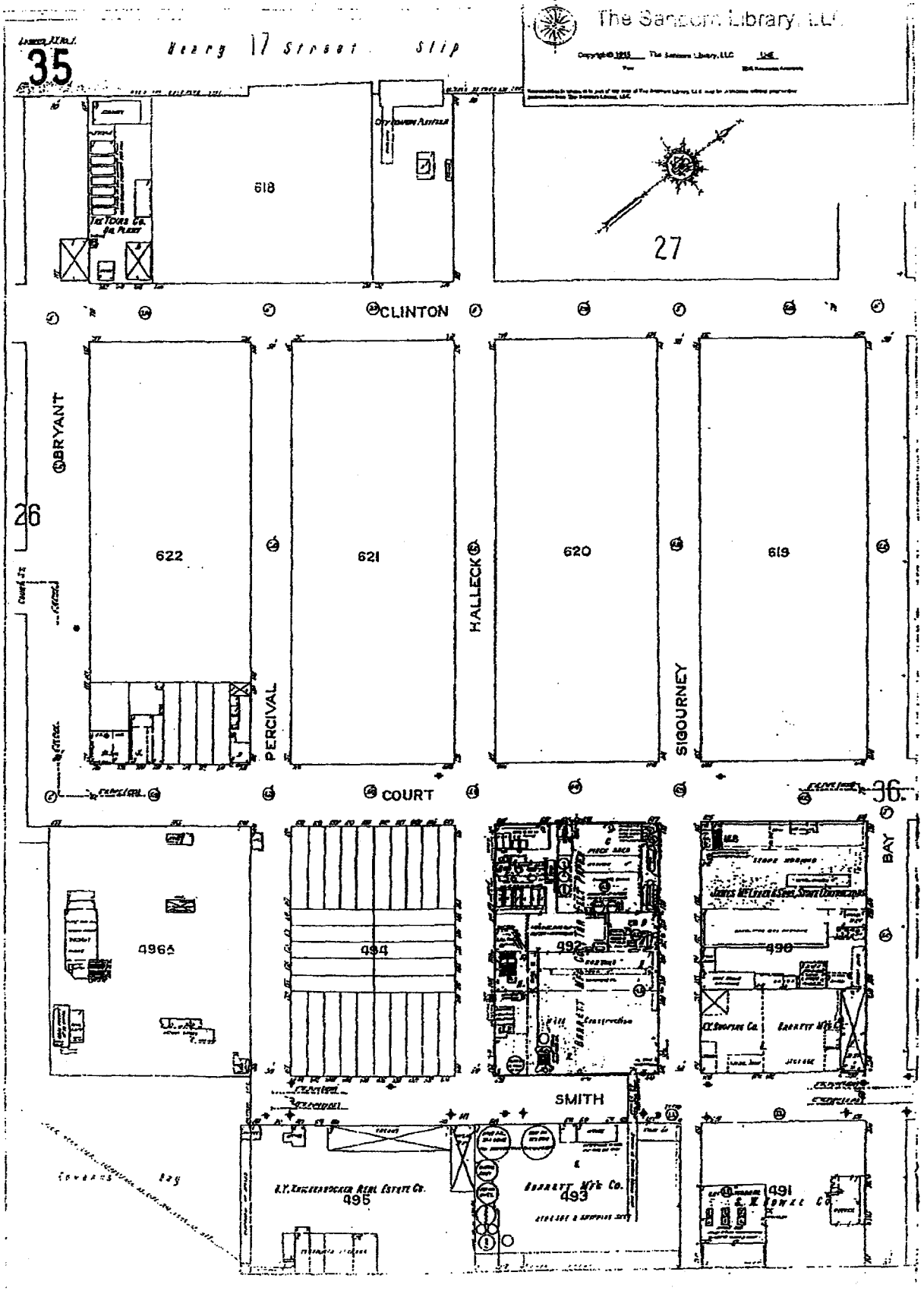

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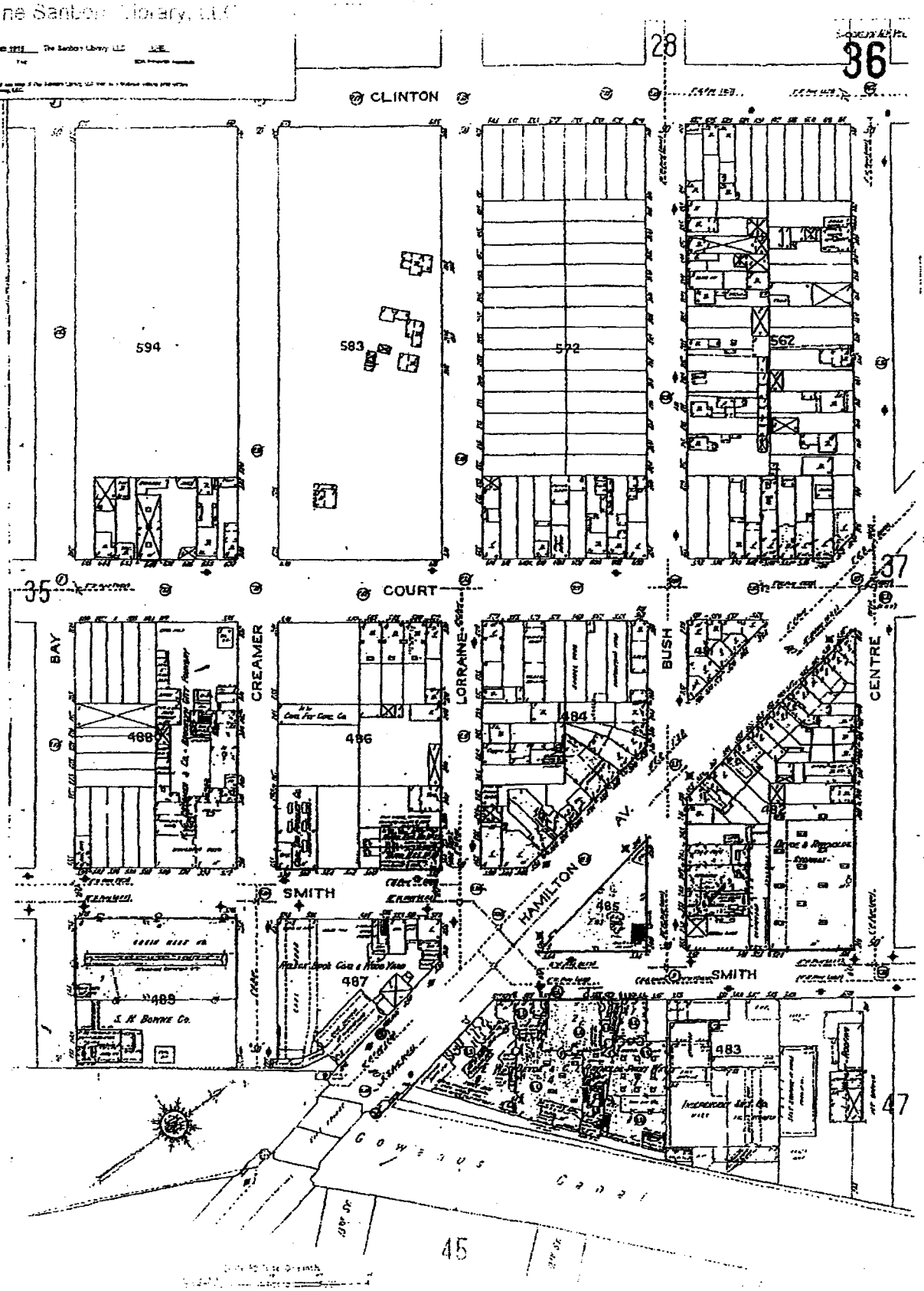

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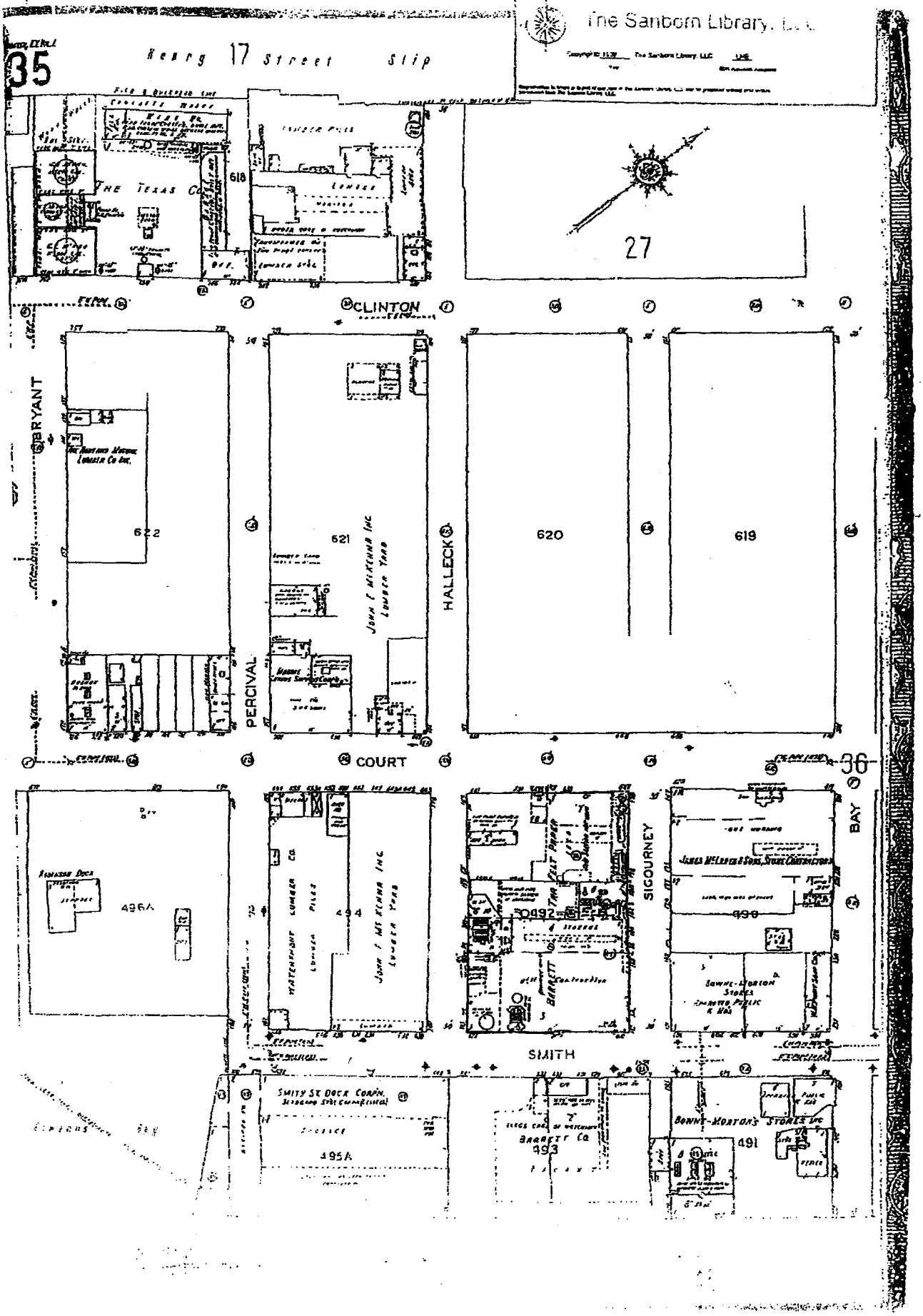

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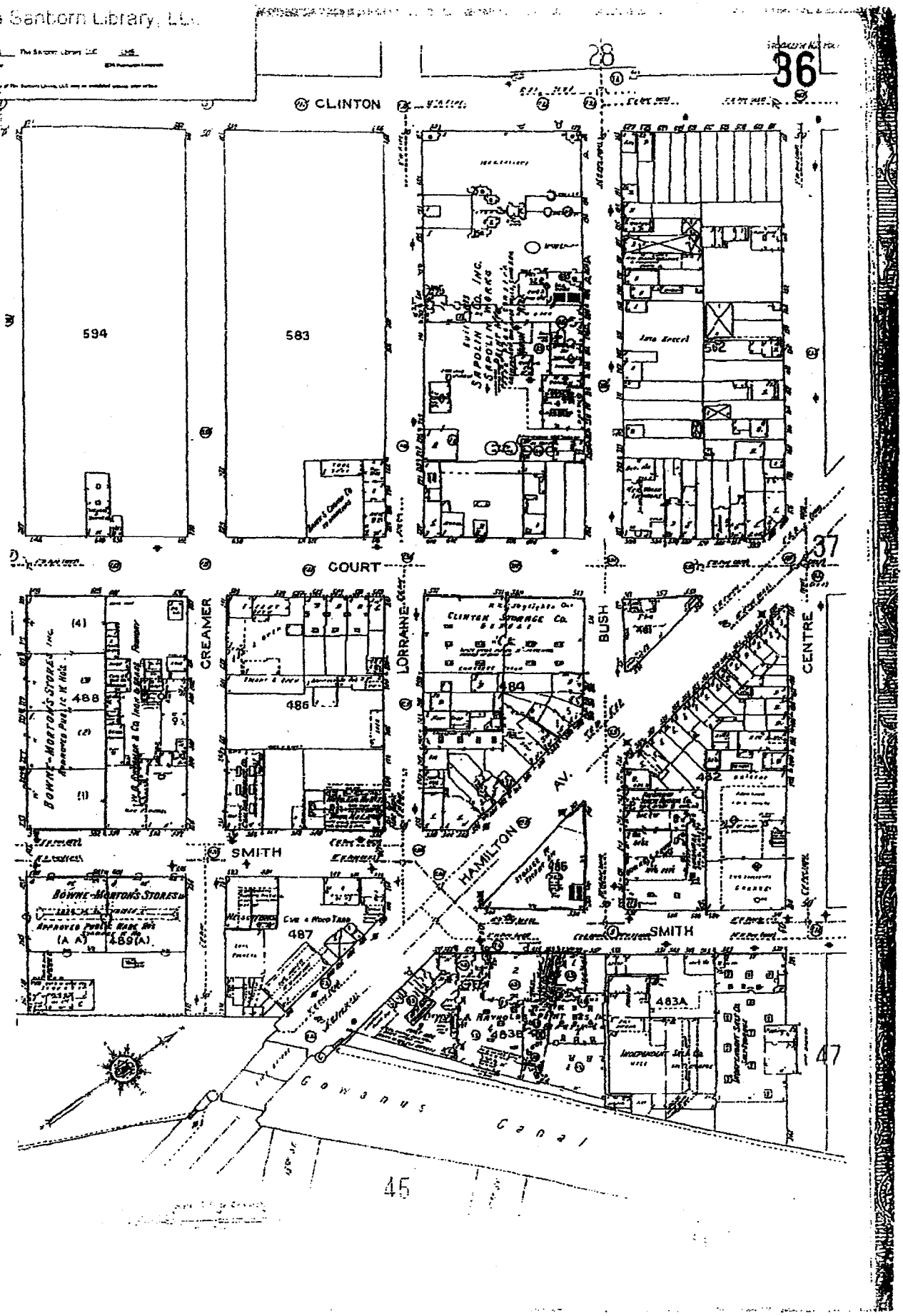

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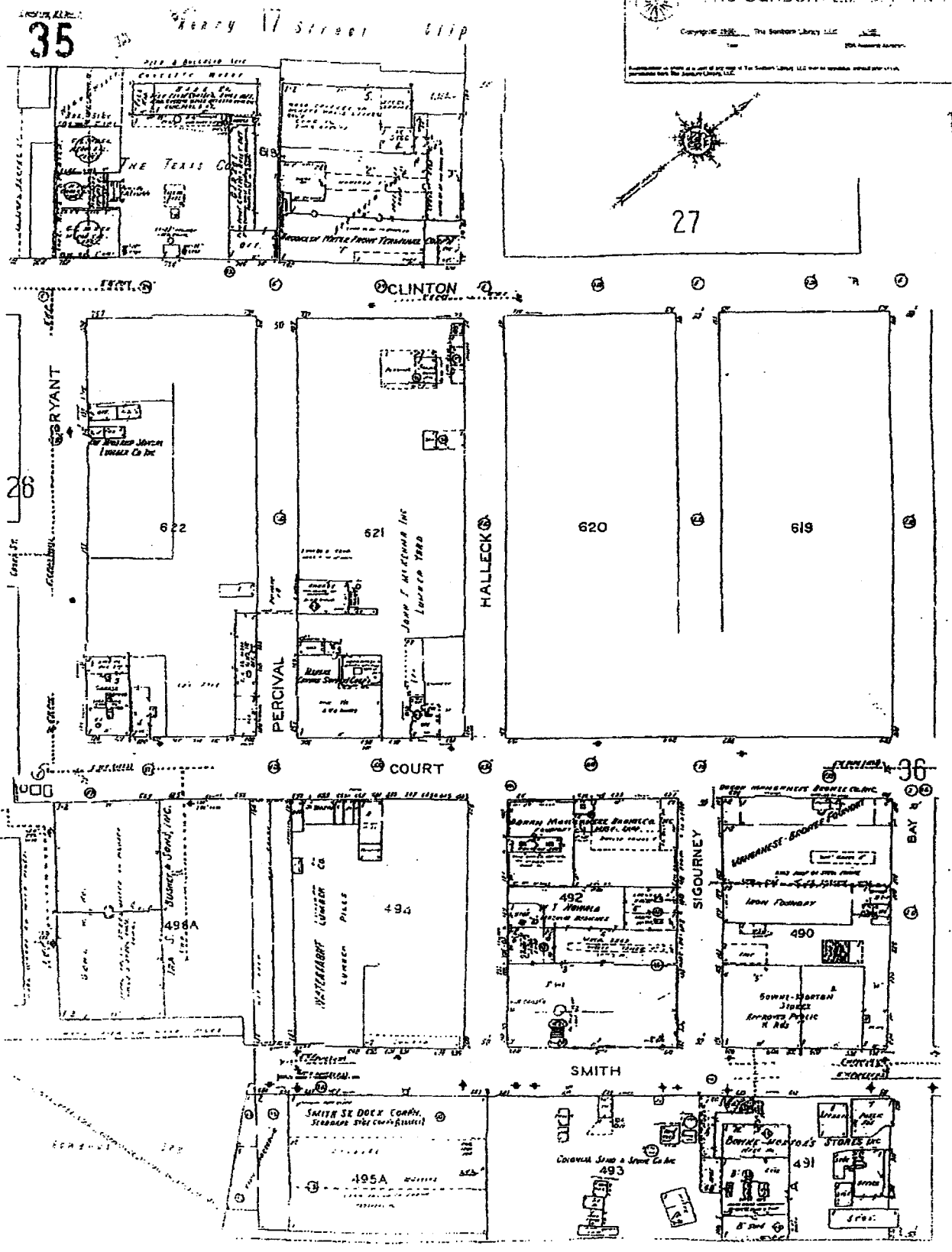

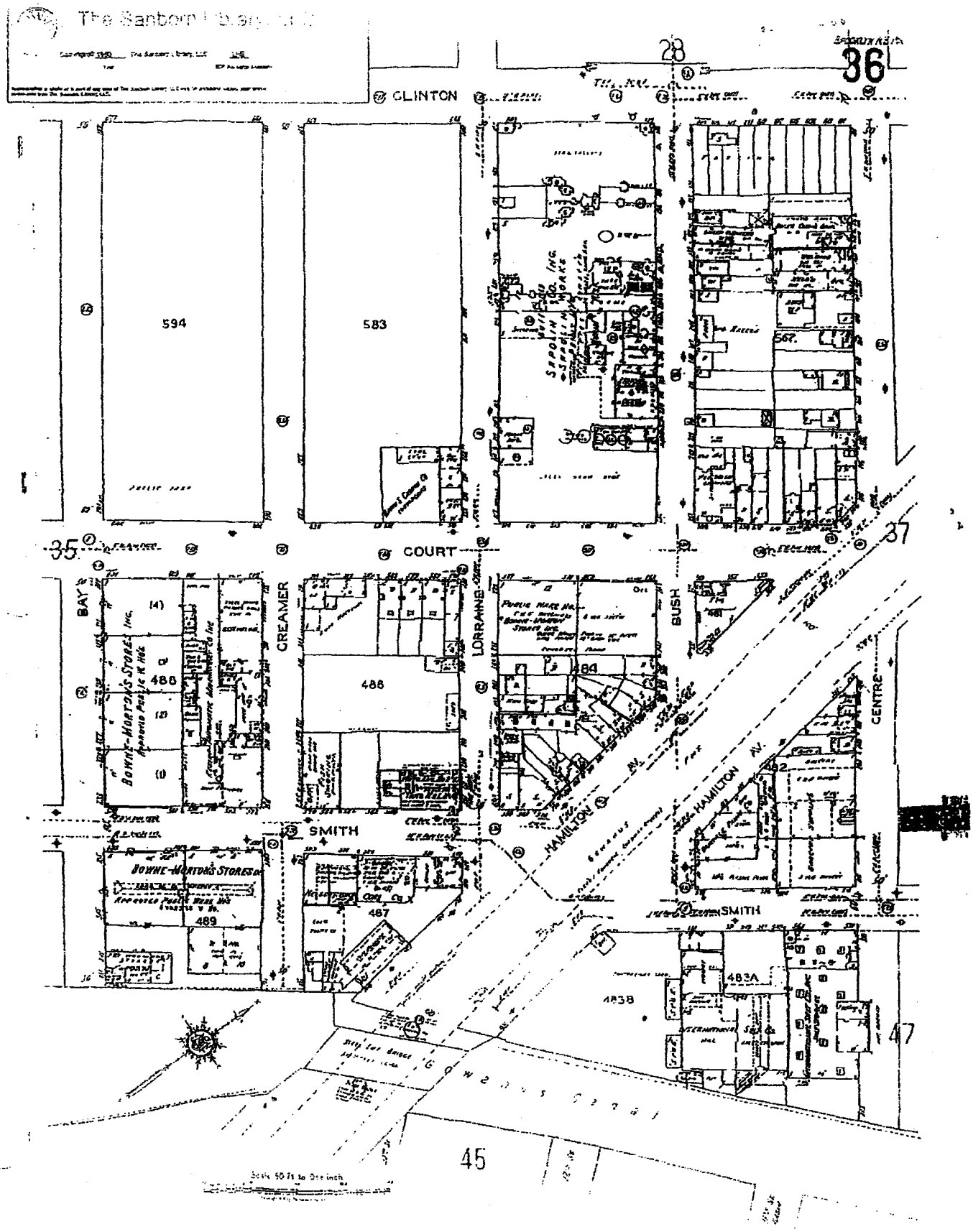

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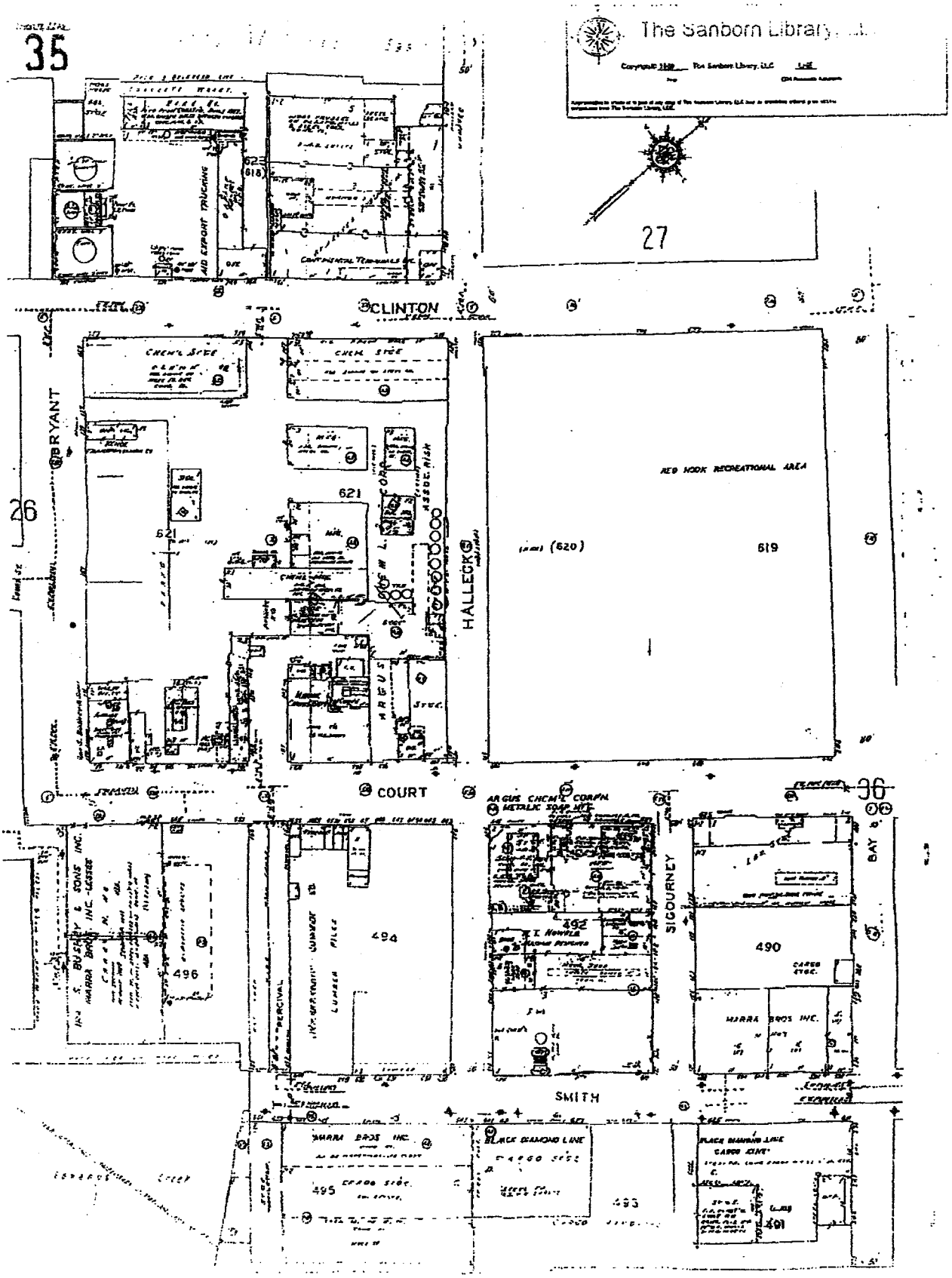
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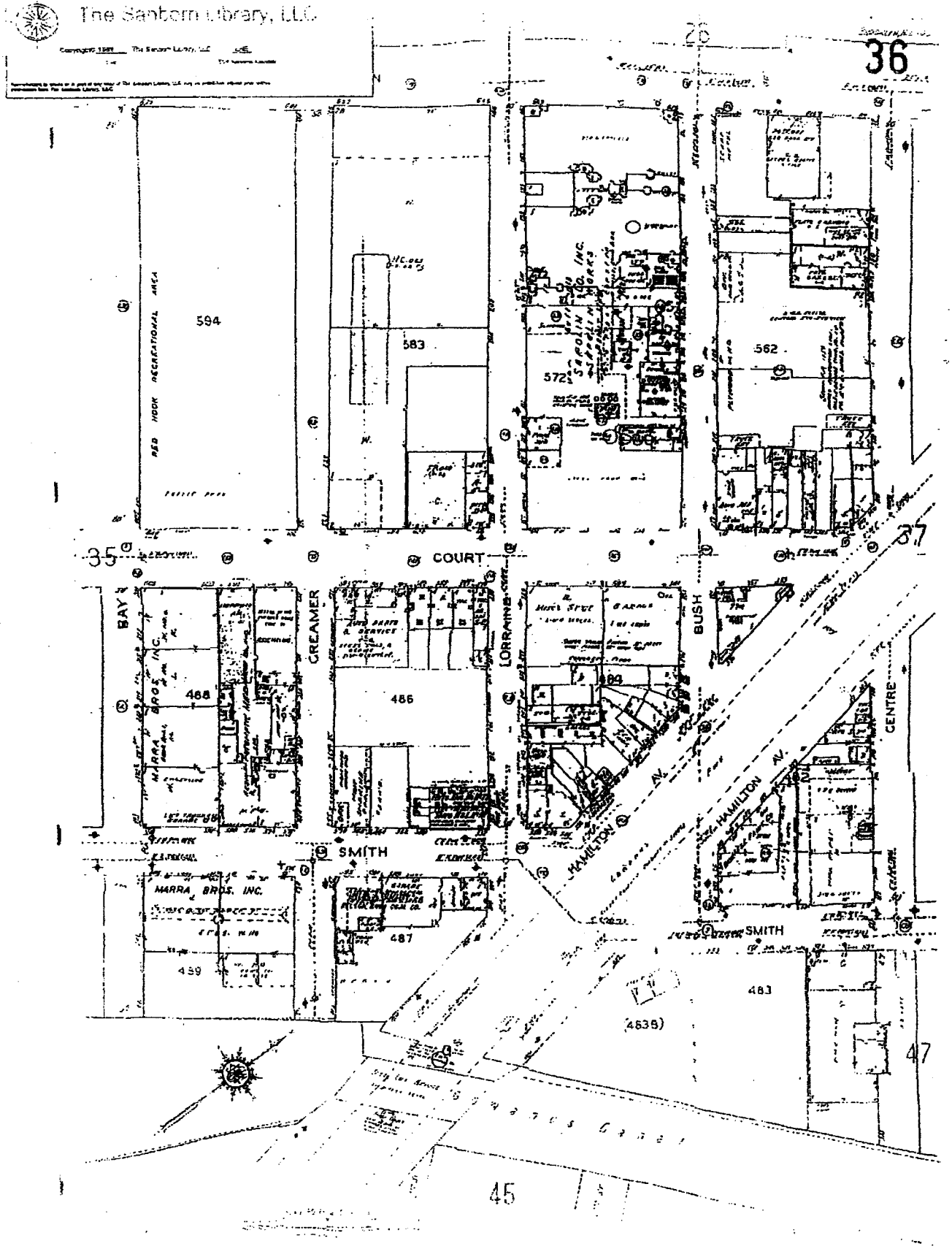

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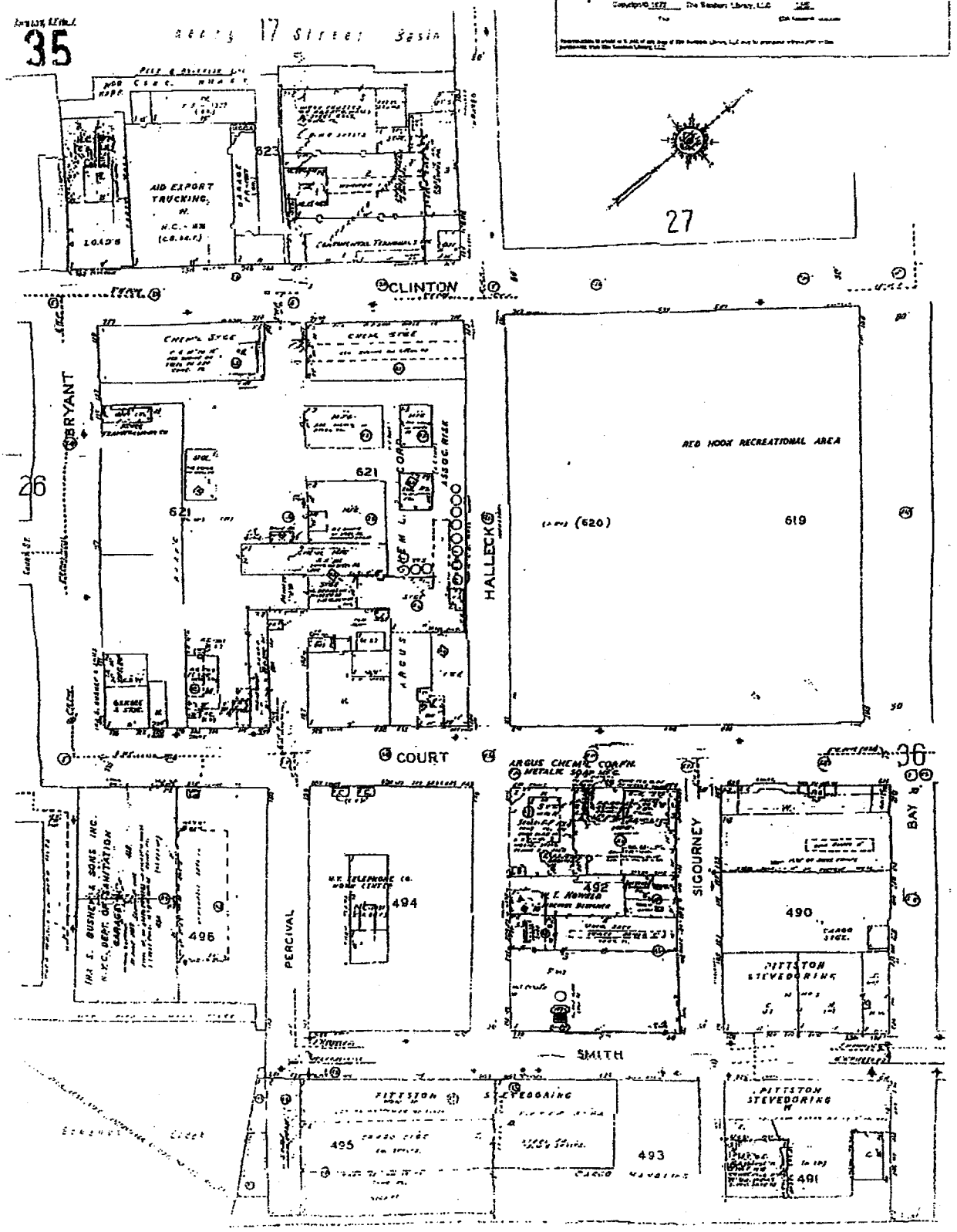

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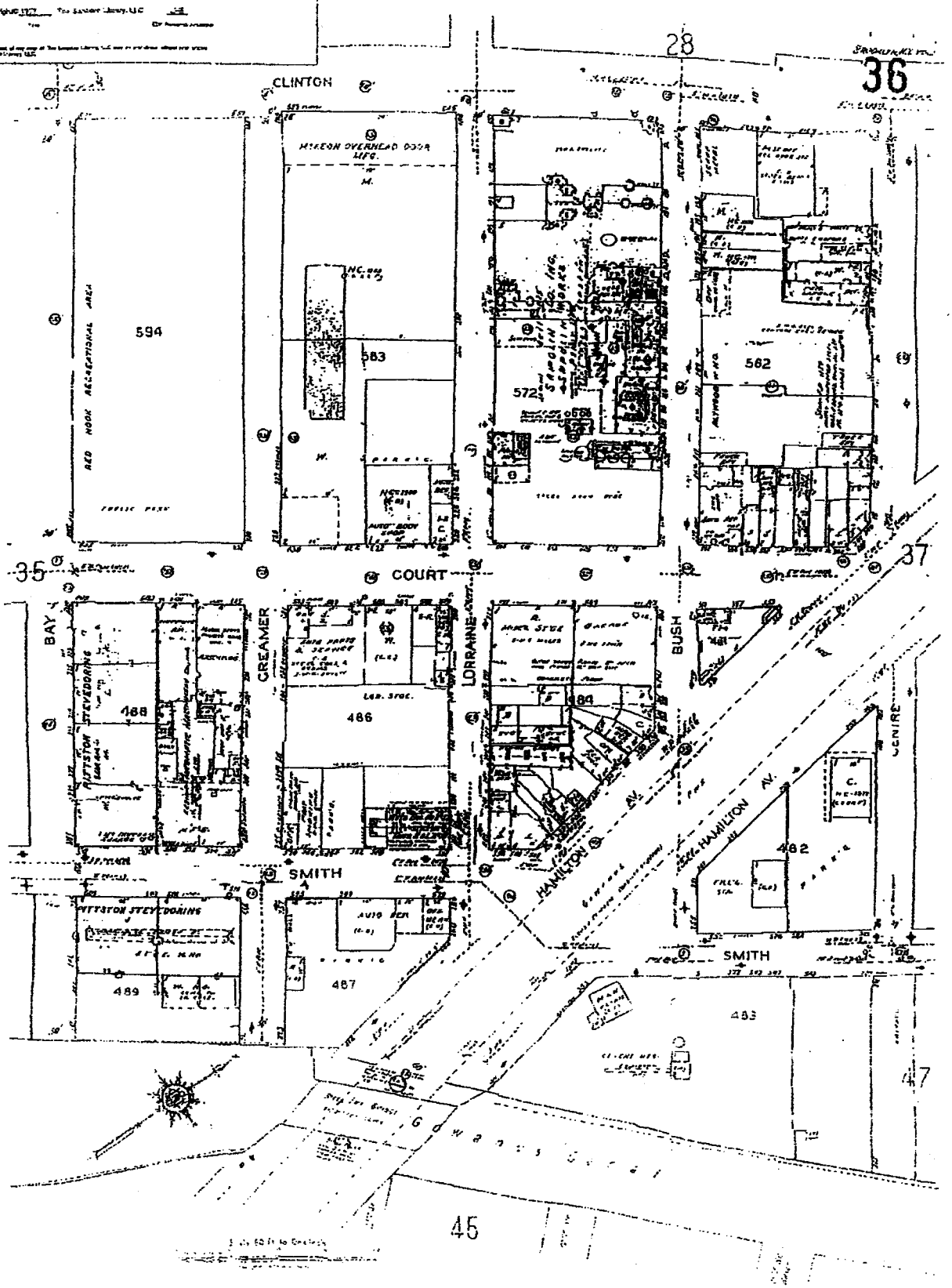

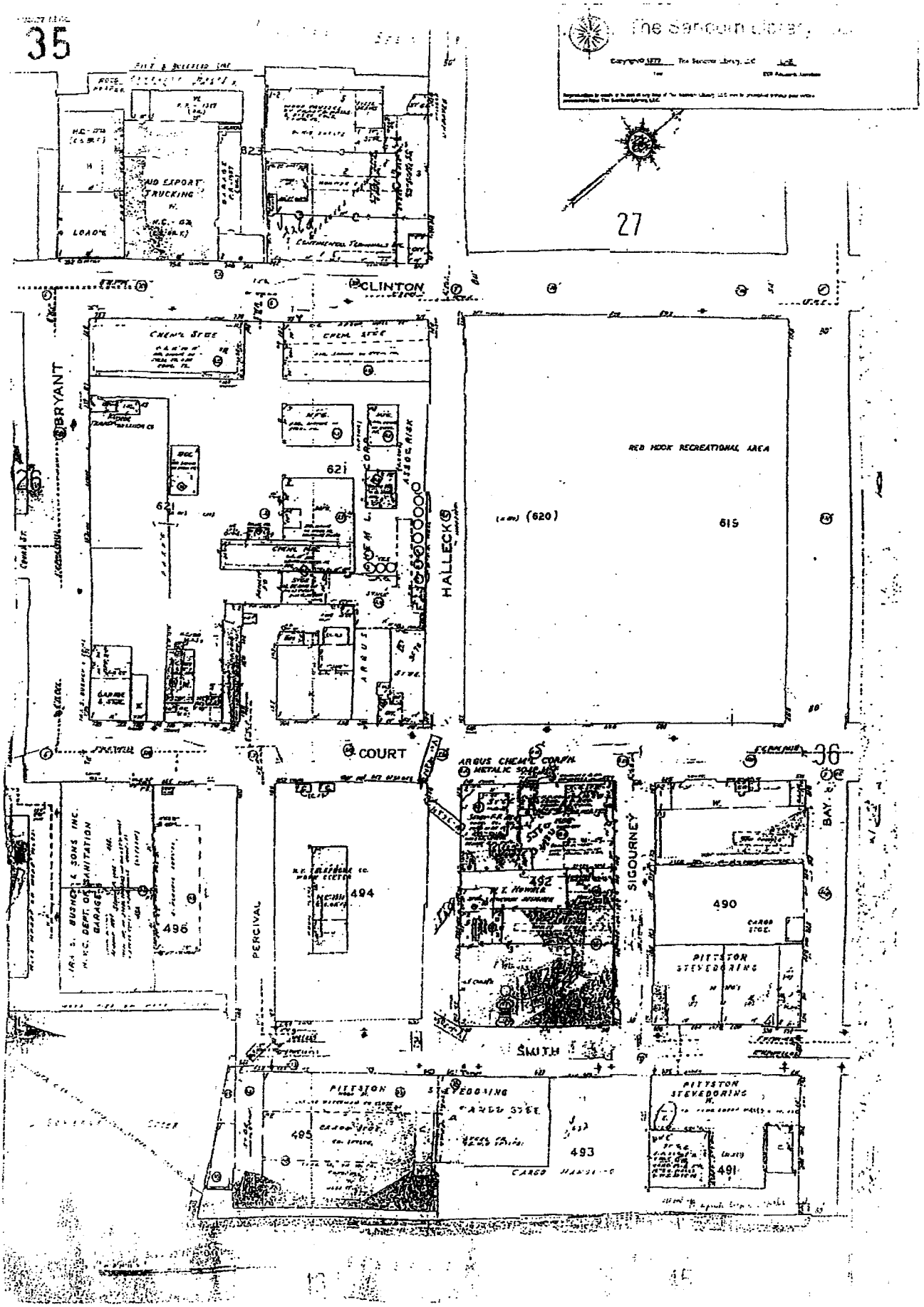
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AID EXPORT TRUCKING
LOAD'G
CHEM'L STGE
GARAGE & STGE.
ARGUS
ASSOC. RISK
BUSHEY & SONS INC.
N.Y.C. DEPT. OF SANITATION
GARAGE

RADON

While radon has not been identified by the New York State Health Department as a major problem in the boroughs of New York City, the problem is site-specific and the potential health risk should be assessed.

SOIL & GROUNDWATER

The nature of subsurface soil and ground water at the subject property cannot be confirmed, given the limited budget and scope of this Phase I Environmental Survey.

627-641 Smith Street (Block 493)

- **According to Sanborn History maps dated 1904 and 1915, tar tanks and barrels, and fuel oil tanks were indicated on the subject property.**

  These tanks and barrels appear to have been aboveground.

- **According to Sanborn History map dated 1950 a gasoline tank is indicated in the middle of the subject property (by 635 Smith Street).**

  A GPR (Ground Penetrating Radar) should be conducted to determine the presence of ANY underground storage tanks (Eg, gasoline, fuel oil, tar).

  Approximate Cost of Ground Penetrating Radar is between $700.00 and $1300.00.

  If a tank is detected, the tank should be removed and inspected for integrity and the surrounding soil removed.

  Estimated cost: $2000.00-$3000.00, (it is assumed that the tank, if any, would be relatively small used to fuel the company vehicles.)

- **The building structures (corrugated sheetmetal) and four story brick building (millwork interiors) would indicate the usage as warehousing/storage facilities.**

THE FOLLOWING ARE FINDINGS AND RECOMMENDATIONS MADE BY THE SINGER ENVIRONMENTAL CONSULTANT:

THERE IS NO EVIDENCE THAT THIS SITE OR SITES ADJOINING THE SUBJECT PROPERTY HAVE BEEN USED FOR HEAVY MANUFACTURING, USE AND/OR STORAGE OF CHEMICALS.

SEE CONCLUSIONS AND RECOMMENDATIONS.

UPON VISUAL INSPECTION, NO SUSPENDED OR SURFACE TRANSFORMERS WERE IDENTIFIED ON OR IN THE IMMEDIATE VICINITY OF THE SUBJECT PROPERTY.

Contact was made with Con Edison on January 1996 to ascertain whether or not any equipment owned and/or maintained by Con Edison is present in the immediate vicinity of the subject property and , if so, if any contain PCBs. Information provided to Singer Environmental has been that among transformers which have not been tested and determined to contain a quantity of PCBs (designated in ppms (parts per million), public utility companies are permitted to continue operation without restriction. However, if a problem were to arise as a result of a release of dielectric fluid from these transformers, the utility assumes responsibility to adequately mitigate the situation.

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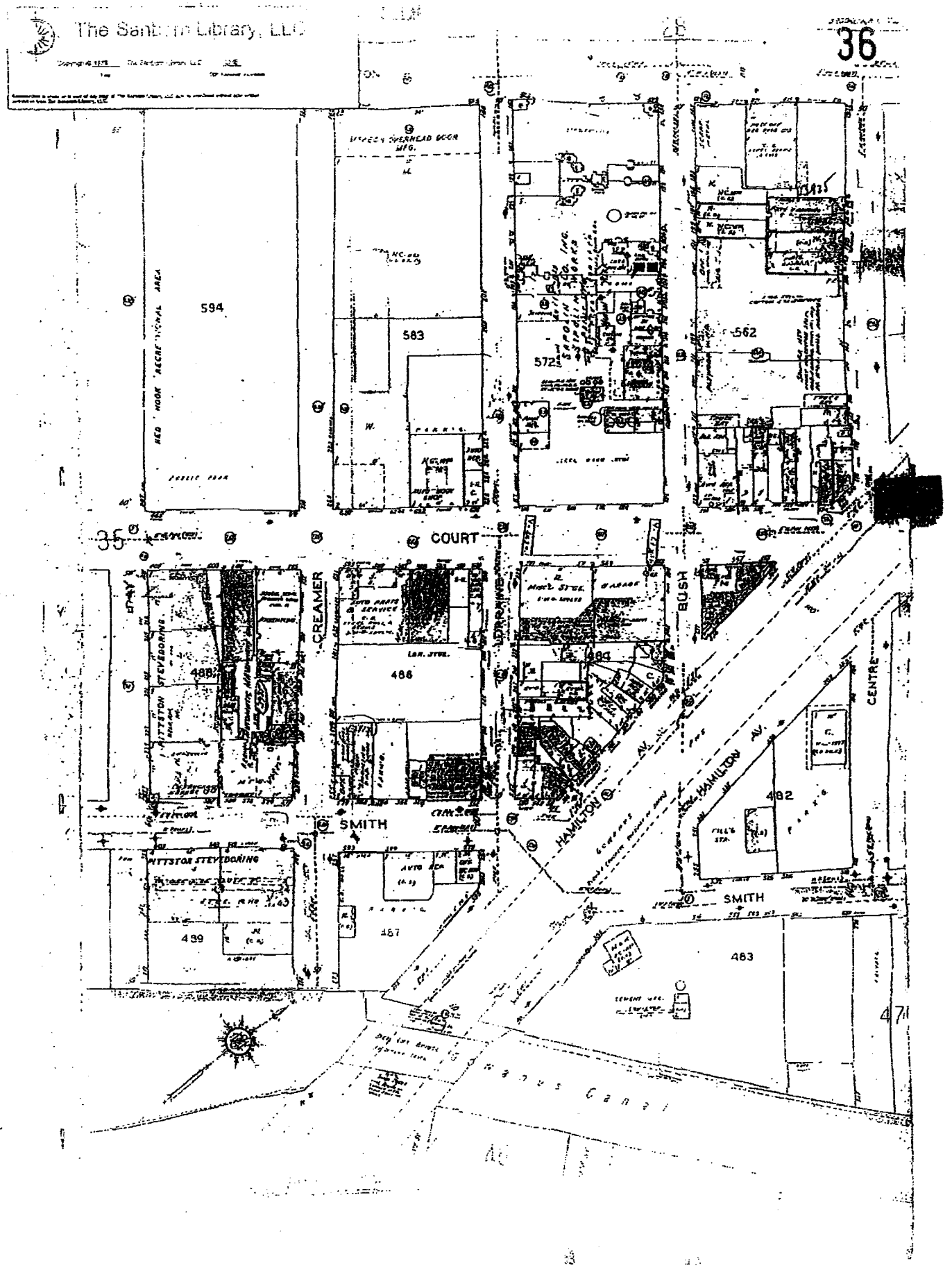

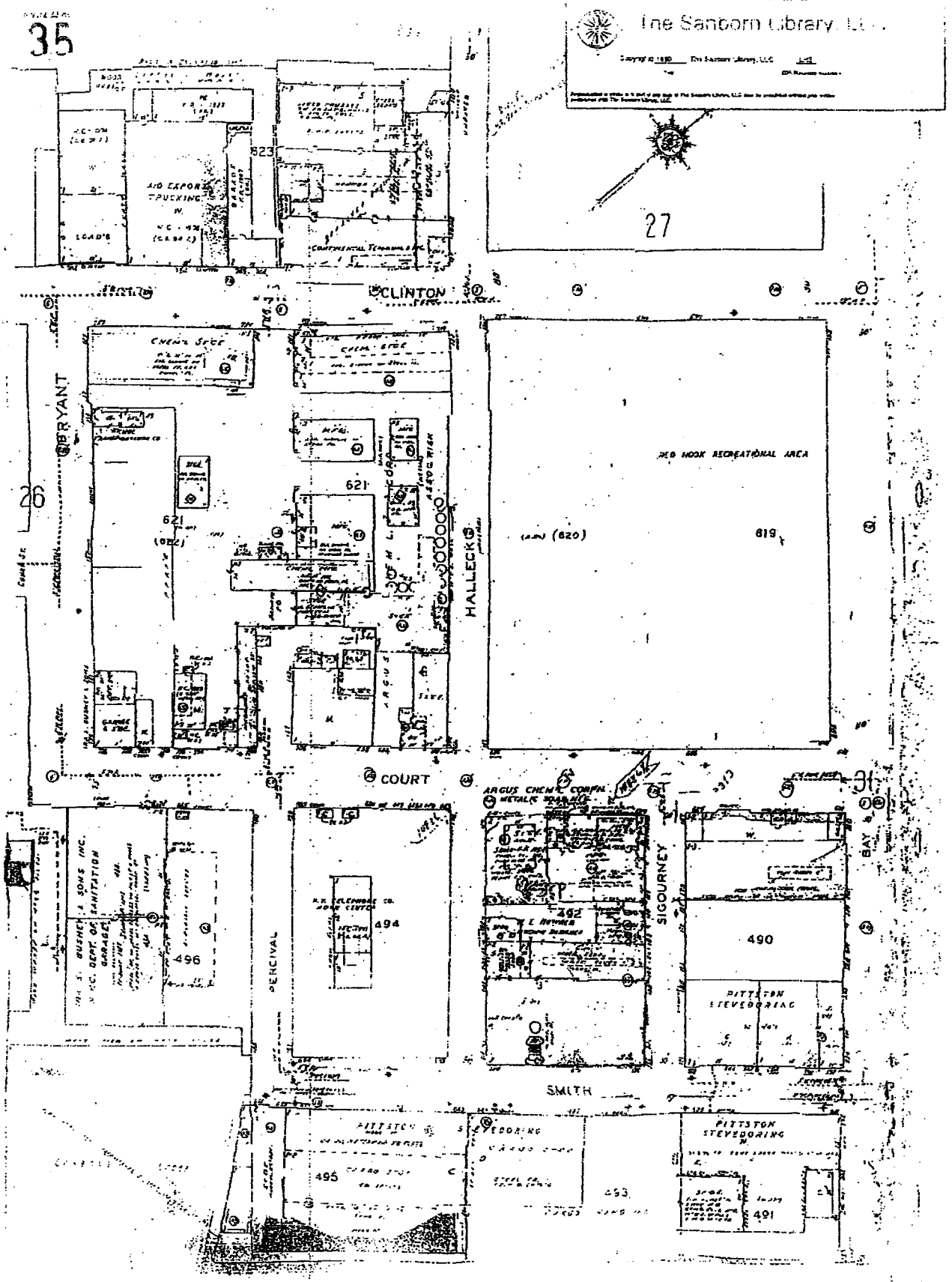
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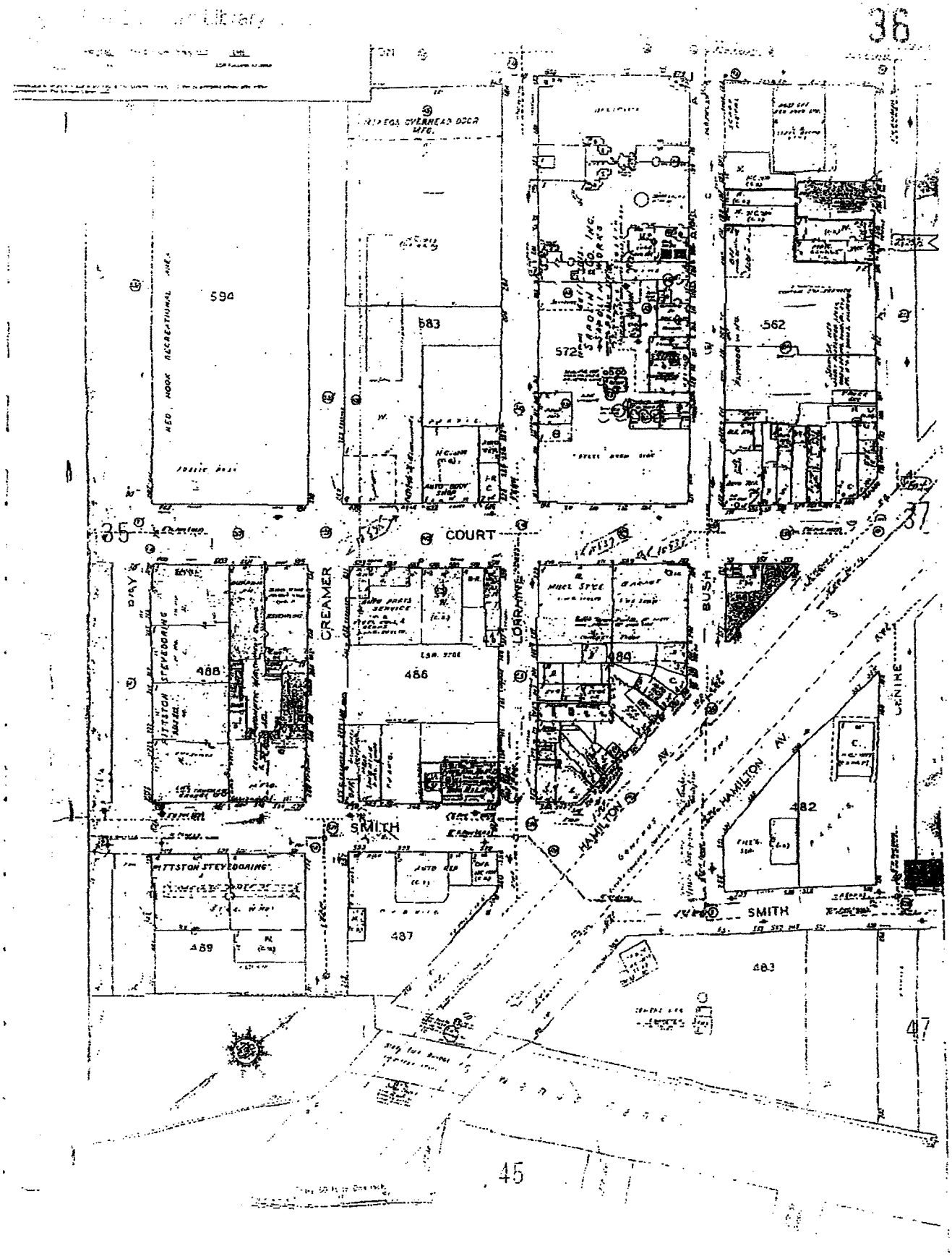
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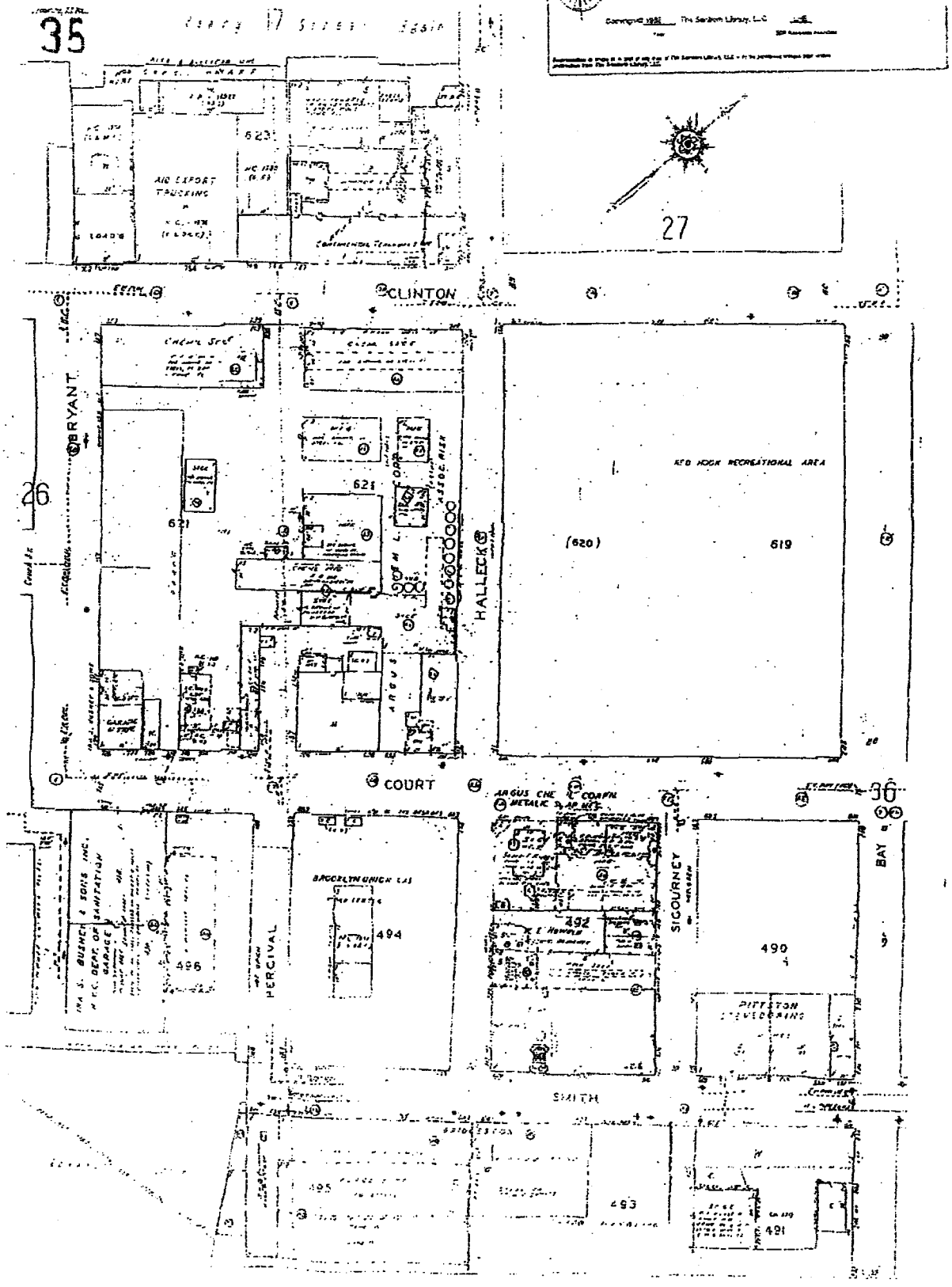
The Sanborn Library
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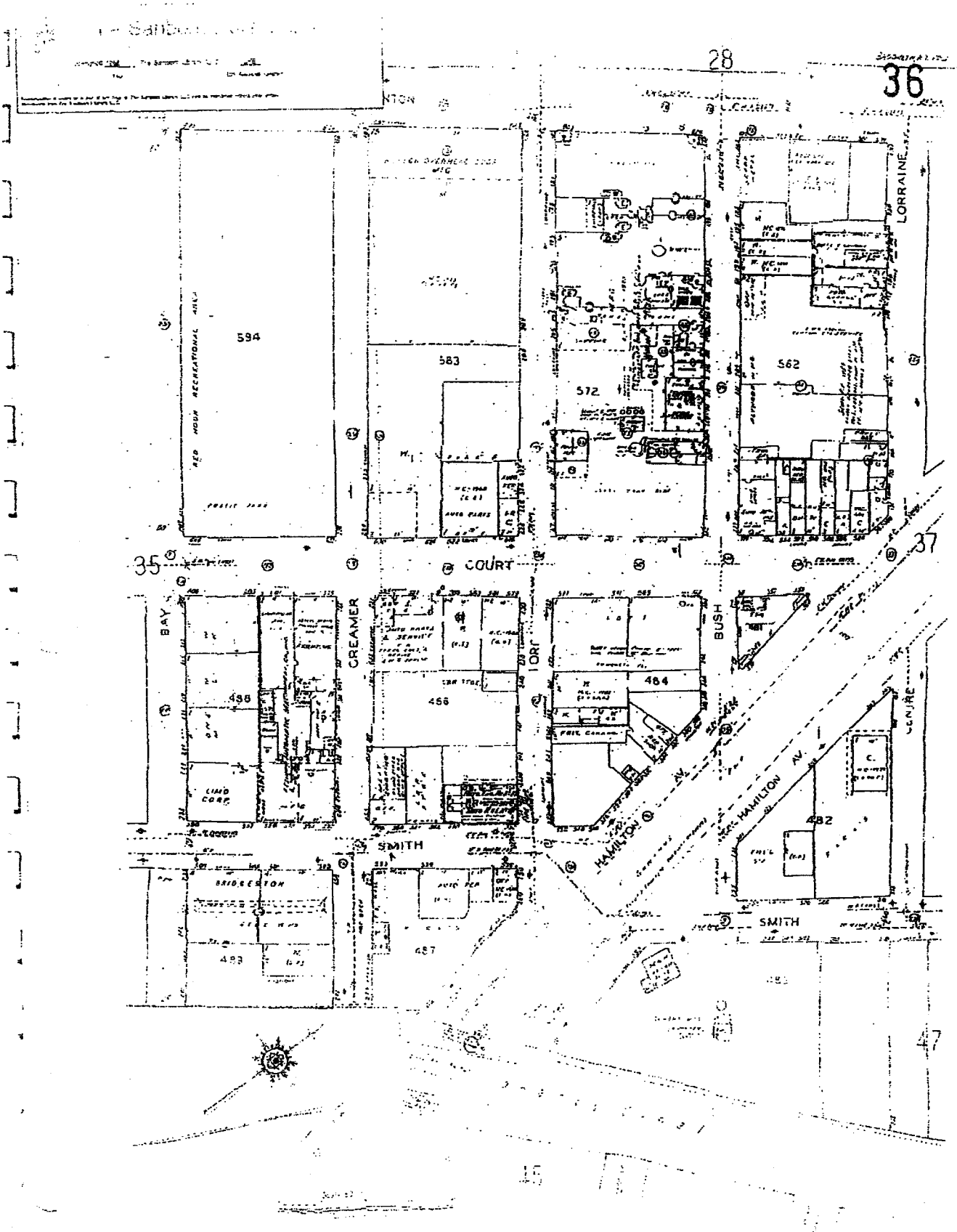

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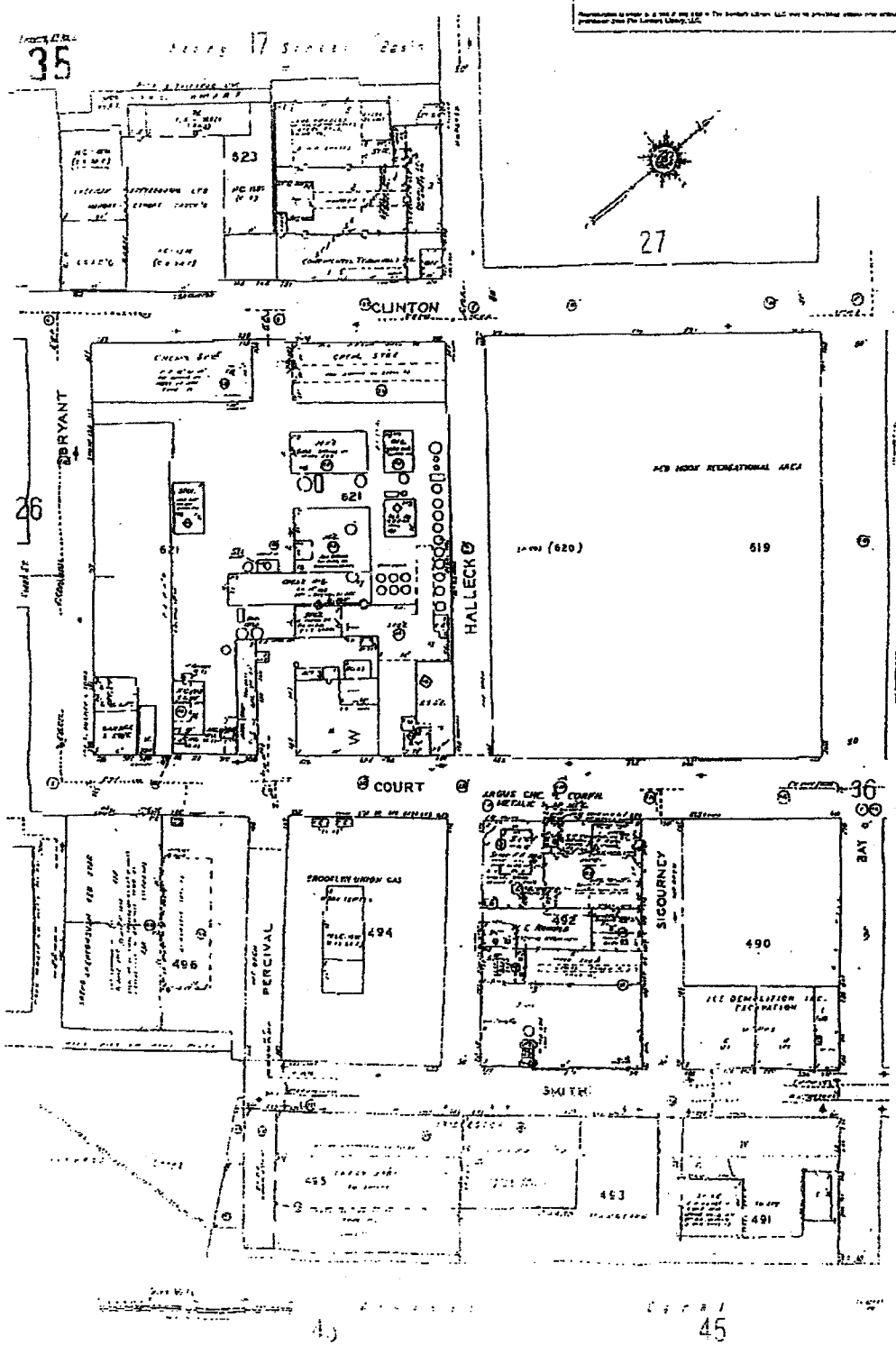
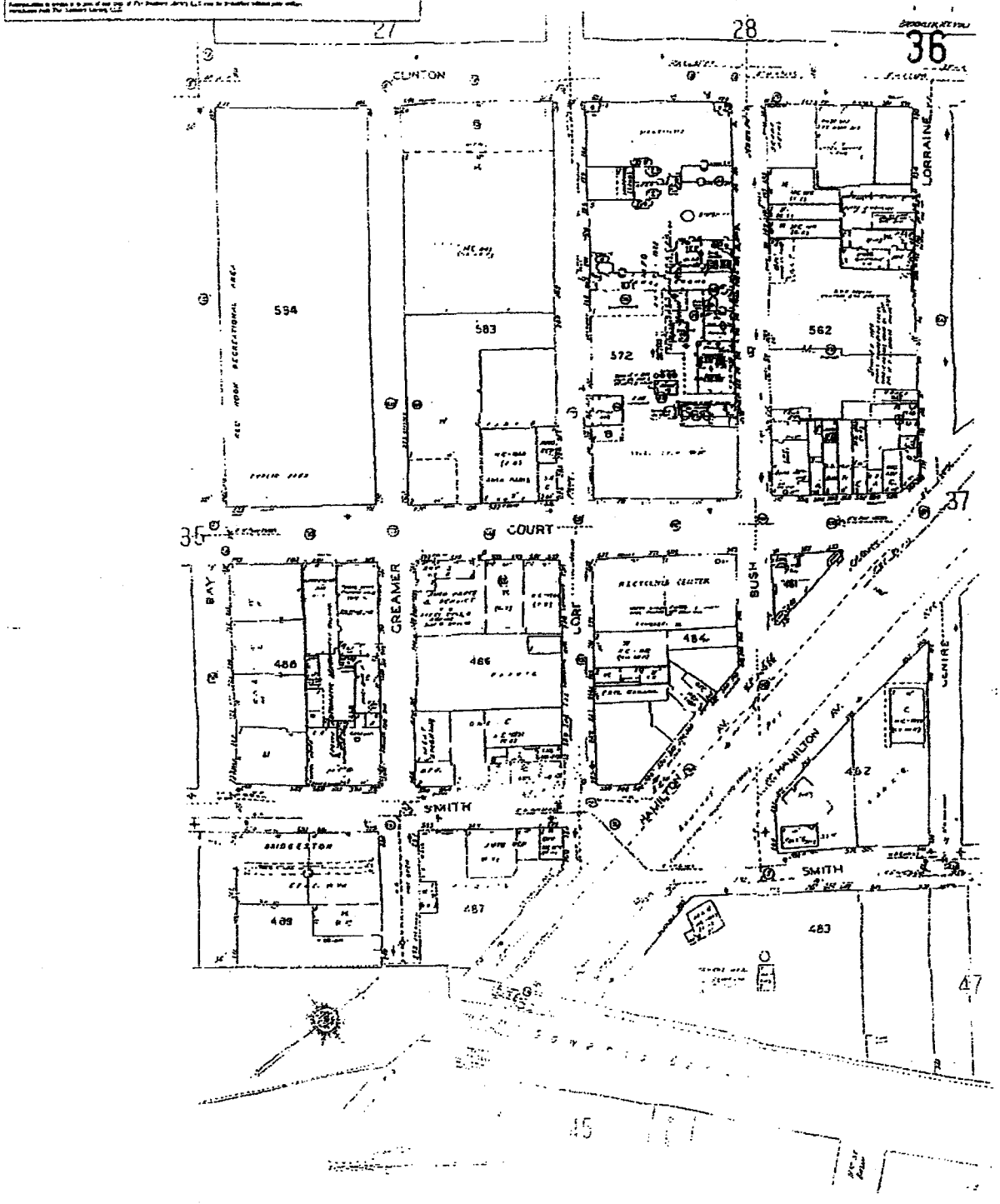
The Sanborn Library LLC





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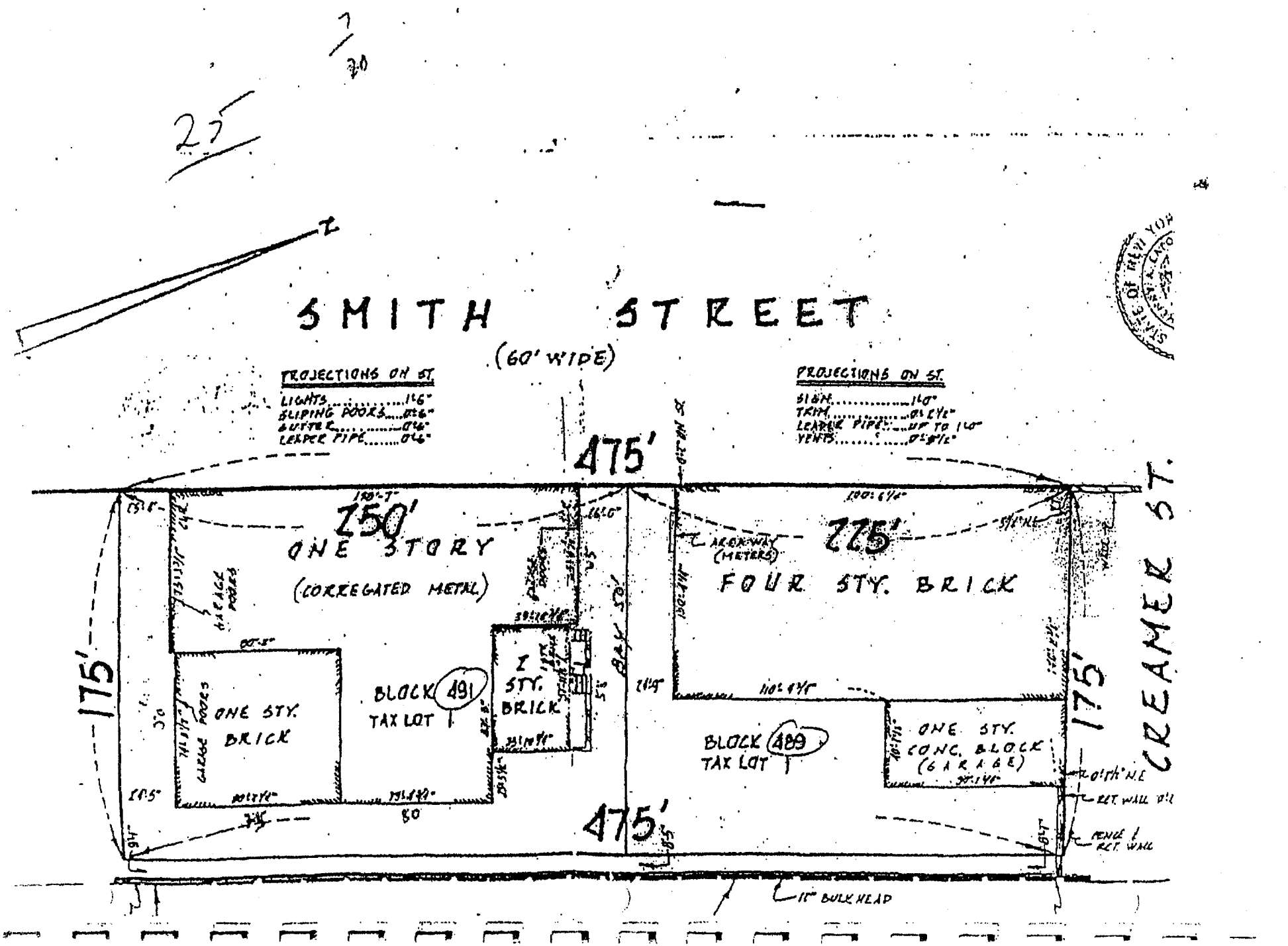
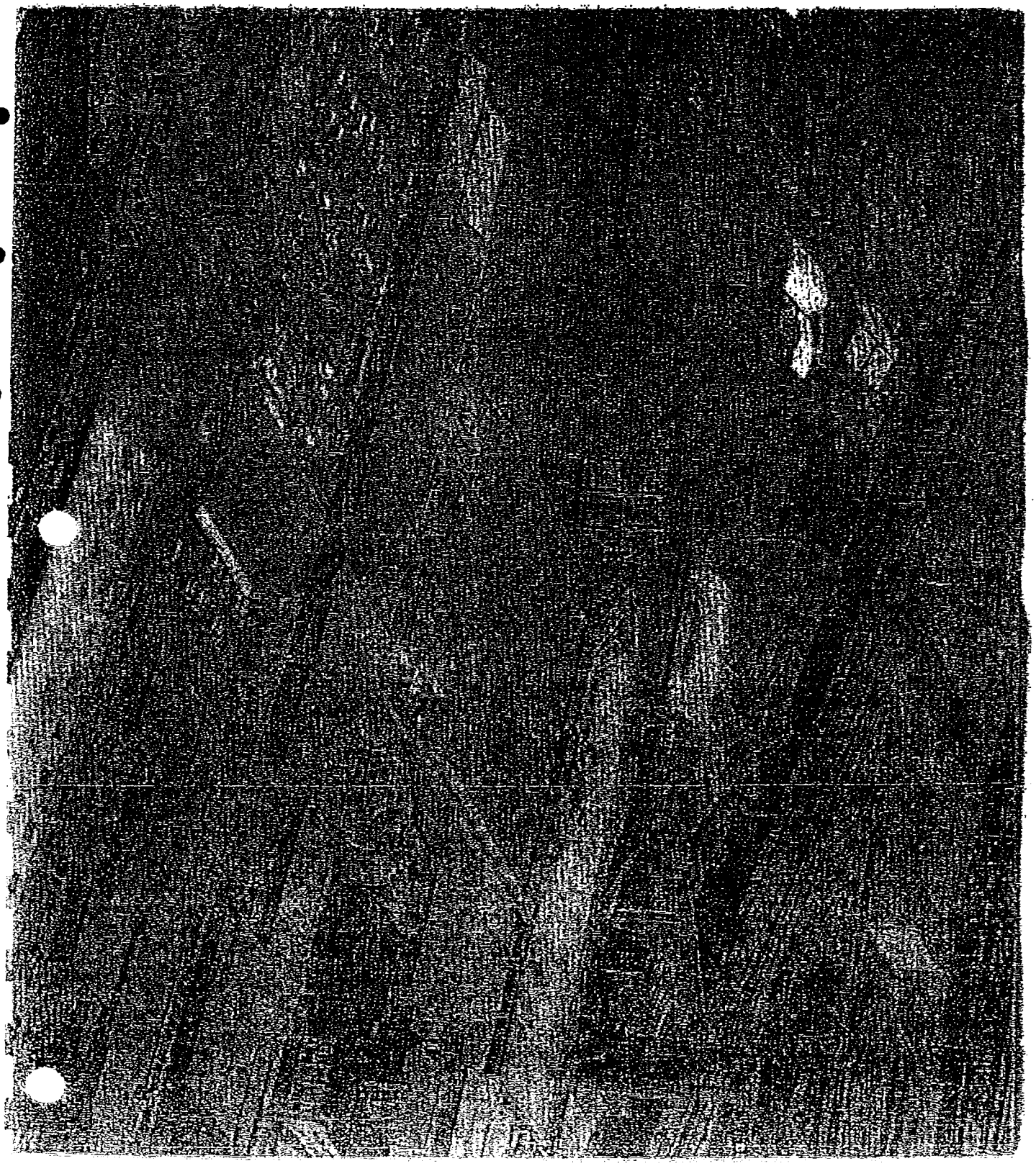
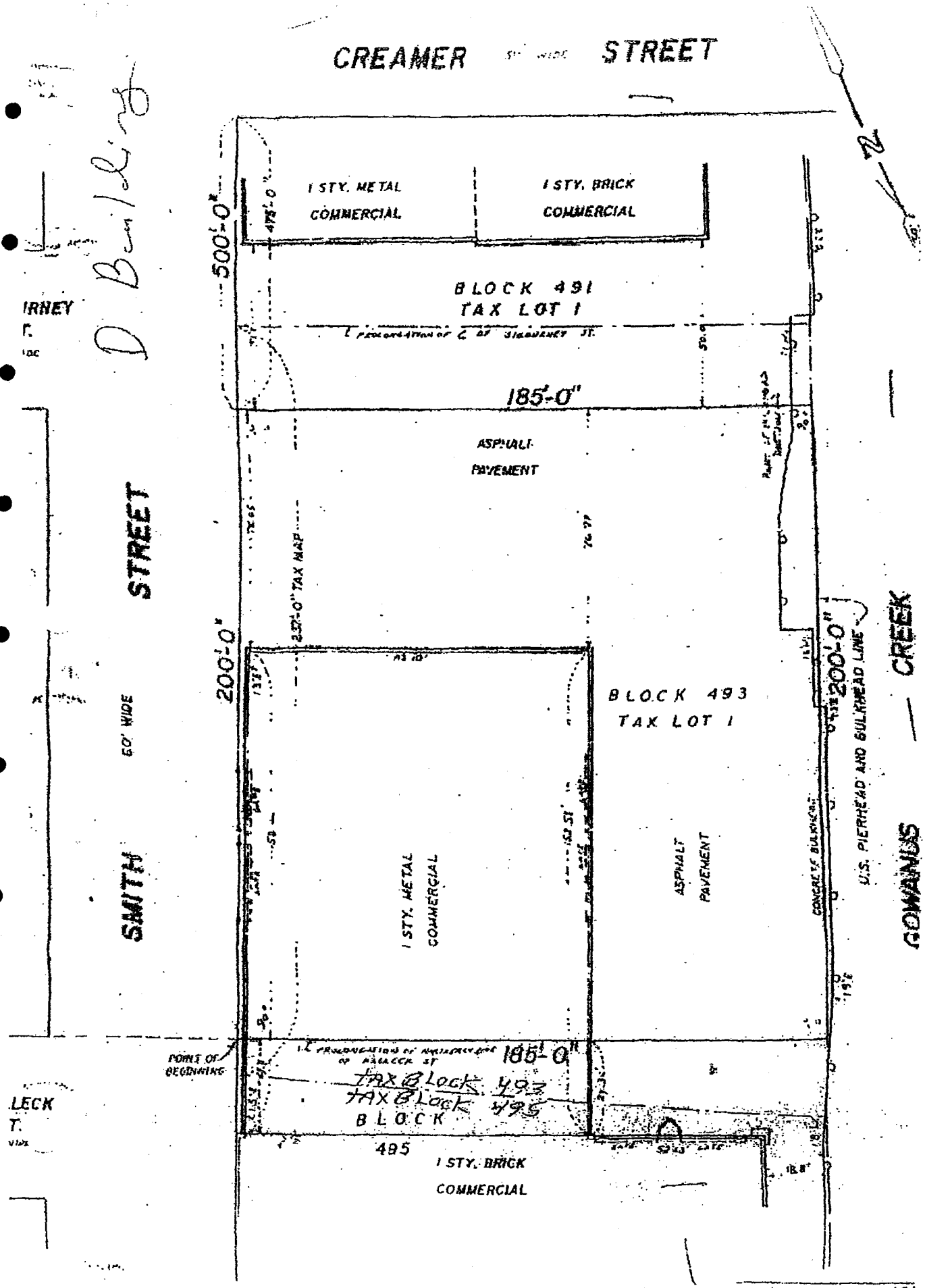
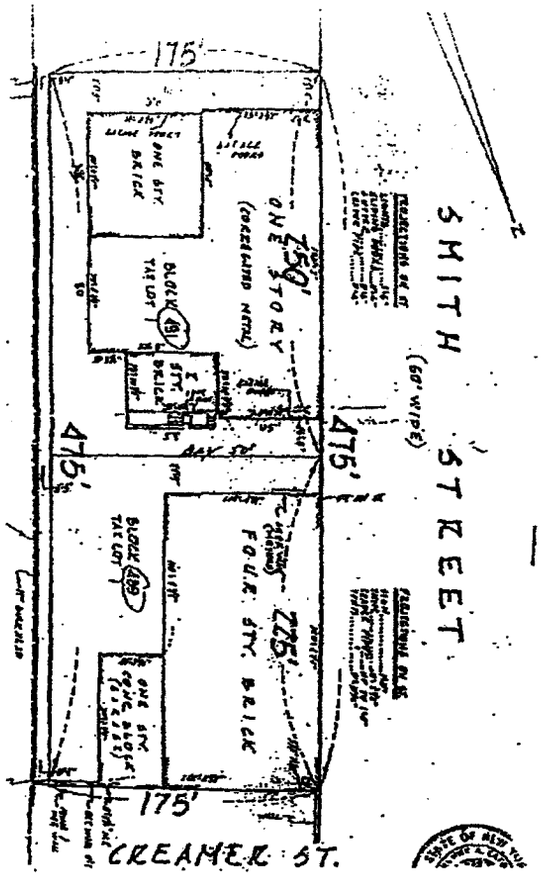
36
CLINTON
LORRAINE
594
583
572
562
35
37
COURT
BAY
CREAMER
CORT
BUSH
486
486
484
HAMILTON
HAMILTON AV.
SMITH
SMITH
BRIDGESTON
489
487
483
47
45

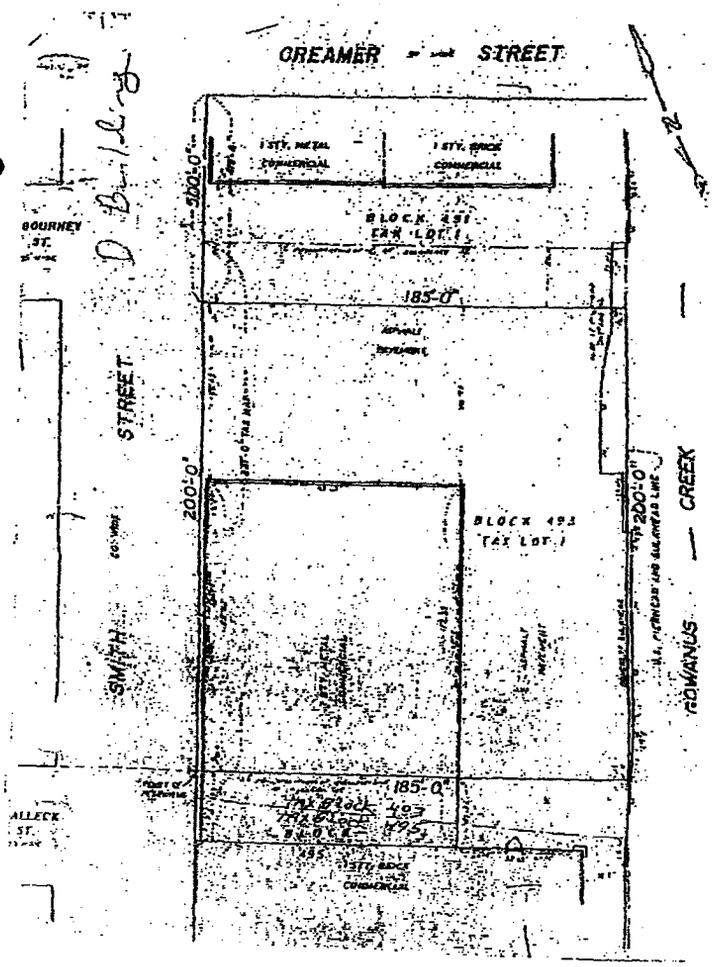


25
7/20
SMITH STREET
(60' WIDE)
PROJECTIONS ON ST.
LIGHTS ..... 1'6"
SLIDING DOORS ..... 0'6"
GUTTER ..... 0'6"
LEADER PIPE ..... 0'6"
PROJECTIONS ON ST.
SIGN ..... 1'0"
TRIM ..... 0'2 1/2"
LEADER PIPE ..... UP TO 1'0"
VENTS ..... 0'8 1/2"
475'
250'
ONE STORY
(CORREGATED METAL)
GARAGE DOORS
175'
ONE STY. BRICK
BLOCK 491
TAX LOT 1
I STY. BRICK
BAY 50'
AREAWAY (METERS)
225'
FOUR STY. BRICK
BLOCK 489
TAX LOT 1
ONE STY. CONC. BLOCK (GARAGE)
175'
CREAMER ST.
475'
80
RET. WALL
FENCE & RET. WALL
BULKHEAD




CREAMER STREET
1 STY. METAL COMMERCIAL
1 STY. BRICK COMMERCIAL
500'-0"
BLOCK 491
TAX LOT 1
185'-0"
ASPHALT PAVEMENT
SMITH STREET
60' WIDE
200'-0"
BLOCK 493
TAX LOT 1
1 STY. METAL COMMERCIAL
ASPHALT PAVEMENT
U.S. PIERHEAD AND BULKHEAD LINE
GOWANUS CREEK
POINT OF BEGINNING
185'-0"
TAX BLOCK 493
TAX BLOCK 495
BLOCK
495
1 STY. BRICK COMMERCIAL


175'
SMITH STREET
(60' WIDE)
ONE STORY
(CORRUGATED METAL)
750'
BLOCK 491
TAX LOT 1
475'
475'
BLOCK 489
TAX LOT 1
FOUR STY. BRICK
225'
175'
CREAMER ST.


CREAMER STREET
1 STY. METAL COMMERCIAL
1 STY. BRICK COMMERCIAL
BLOCK 491
TAX LOT 1
185'-0"
200'-0"
BLOCK 493
TAX LOT 1
185'-0"
SMITH STREET
ROWANUS CREEK
BOURNEY ST.
ALLECK ST.

[redacted]

SINGER
environmental group

February 1, 2005

Department of Environmental Protection
59-17 Junction Blvd.
8th Floor
Corona, New York 11373

Attn: Marie Dooley

RE: F.O.I.A. Request

To Whom It May Concern:

Please provide any information on the [illegible] located at the following address as soon as possible.

RE: 2505 FOREST AVENUE, STATEN ISLAND, NY
NORTH 10TH STREET/WITHERS STREET/UNION AVENUE,
BLOCK 2307, LOTS 1, 14, 16, 19, BROOKLYN, NY
SMITH STREET/CREAMER STREET/BAY STREET,
BLOCKS 489, 491, 493, 495, LOTS 1, BROOKLYN, NY
111-31 44TH AVENUE, QUEENS, NY
2914 HERING AVENUE, BRONX, NY
523 CONCORD AVENUE/749 EAST 149TH STREET, BRONX, NY

Our FAX number is (718) 437-0082. Thank you very much.

Sincerely,

Erica Hogan

5318 New Utrecht Avenue Brooklyn, New York 11219
T: 718.437.9600 F: 718.437.0082 E: singenv@aol.com

SINGER
environmental group

February 1, 2005

Department of Health
Patricia J. Caruso
Records Access Officer
125 Worth Street
Room 604 - Box 31
New York, N.Y. 10013

RE: F.O.I.A. Request

To Whom It May Concern:

Please provide any information on the premises located at the following address as soon as possible.

This is a Freedom of Information Request for the premises referenced above. We would like information concerning Underground Storage Tanks, site contamination, air emissions, drinking water quality, hazardous waste materials, spills and leaks and any other Environmental concerns that would affect the property.

RE: 2505 FOREST AVENUE, STATEN ISLAND, NY
NORTH 10TH STREET/WITHERS STREET/UNION AVENUE,
BLOCK 2307, LOTS 1, 14, 16, 19, BROOKLYN, NY
SMITH STREET/CREAMER STREET/BAY STREET,
BLOCKS 489, 491, 493, 495, LOTS 1, BROOKLYN, NY
111-31 44TH AVENUE, QUEENS, NY
2914 HERING AVENUE, BRONX, NY
523 CONCORD AVENUE/749 EAST 149TH STREET, BRONX, NY

Our FAX number is (718) 437-0082. Thank you very much.

Sincerely,

Erica Hogan

5318 New Utrecht Avenue Brooklyn, New York 11219
T: 718.437.9600 F: 718.437.0082 E: singenv@aol.com

SINGER
environmental group

February 1, 2005

ATTN: F.O.I.L DEPARTMENT - N.Y.S. D.E.C.

HERE ARE INFORMATION REQUESTS THAT WE NEED A RESPONSE TO AS SOON AS POSSIBLE, PLEASE:

RE: 2505 FOREST AVENUE, STATEN ISLAND, NY
NORTH 10TH STREET/WITHERS STREET/UNION AVENUE, BLOCK 2307, LOTS 1, 14, 16-19, BROOKLYN, NY
SMITH STREET/CREAMER STREET/BAY STREET, BLOCKS 489, 491, 493, 495, LOTS 1, BROOKLYN, NY
111-31 44TH AVENUE, QUEENS, NY
2914 HERING AVENUE, BRONX, NY
523 CONCORD AVENUE/749 EAST 149TH STREET, BRONX, NY

PBS -

SPILLS -

CBS -

MOSF -

AST/UST -

VIOLATIONS/

INSPECTIONS -

Thank you,

Erica Hogan

5318 New Utrecht Avenue Brooklyn, New York 11219
T: 718.437.9600 F: 718.437.0082 E: singenv@aol.com

The EDR Radius Map™ Report

SMITH ST/BAY ST/CREAMER ST
643 SMITH STREET
BROOKLYN, NY 11231

Inquiry Number: 01350150.1r

January 28, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Orphan Summary	182
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

643 SMITH STREET
BROOKLYN, NY 11231

COORDINATES

Latitude (North):	40.669700 - 40° 40' 10.9"
Longitude (West):	74.000600 - 74° 0' 2.2"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	584472.2
UTM Y (Meters):	4502360.5
Elevation:	2 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	40074-F1 JERSEY CITY, NJ NY
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
611 SMITH STREET 611 SMITH STREET BROOKLYN, NY	ERNS	N/A
610 SMITH STREET 610 SMITH STREET BROOKLYN, NY 11231	AST	N/A
611 SMITH ST/I N E TIRE 611 SMITH ST BKLYN, NY	NY Spills	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List

Proposed NPL..... Proposed National Priority List Sites
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

STATE ASTM STANDARD

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State
SWTIRE..... Registered Waste Tire Storage & Facility List

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
INDIAN RESERV..... Indian Reservations
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS..... Hazardous Substance Waste Disposal Site Inventory
DEL SHWS..... Delisted Registry Sites
DRYCLEANERS..... Registered Drycleaners
AIRS..... Air Emissions Data
SPDES..... State Pollutant Discharge Elimination System

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
Brownfields..... Brownfields Site List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/10/2004 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HAMILTON AVENUE INCINERATOR	*555 HAMILTON AVE*	*1/4 - 1/2 ESE*	*54*	*140*

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/23/2004 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DEBEVOISE CO	*74 20TH ST*	*1/4 - 1/2 SSE*	*55*	*140*
PATTERSON CHEMICAL CO INC	*102 3RD ST*	*1/2 - 1 NE*	*89*	*180*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 11/23/2004 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DEBEVOISE CO	*74 20TH ST*	*1/4 - 1/2 SSE*	*55*	*140*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective

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A review of the RCRA-LQG list, as provided by EDR, and dated 11/23/2004 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ARGUS DIV WITCO CHEMICAL CORP	688 COURT ST	0 - 1/8 WNW	B6	16
SPENTONBUSH RED STAR CO STE85	*671 COURT ST*	*1/8 - 1/4 WSW*	*D18*	*34*
MTA NYCT - CAMPBELL STORAGE FA	*532 SMITH ST*	*1/8 - 1/4 NNE*	*H43*	*110*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/23/2004 has revealed that there are 13 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BROOKLYN UNION GAS CO - RED HO	*651 COURT ST*	*0 - 1/8 W*	*C8*	*22*
WITCO CORP	*700 COURT ST*	*0 - 1/8 W*	*C13*	*29*
NEW RESINA CORP THE	*265 CREAMER ST*	*1/8 - 1/4 NNE*	*16*	*33*
NYCDOT BIN 2233080	*14TH ST OVER BELT PKWY*	*1/8 - 1/4 ENE*	*19*	*34*
NYCDOT ASPHALT PLANT	*448 HAMILTON AVE*	*1/8 - 1/4 E*	*E20*	*35*
AMERADA HESS CORPORATION BROOK	*722 COURT STREET AND GO*	*1/8 - 1/4 WSW*	*D24*	*52*
BRUNO TRUCK SALES	*435 HAMILTON AVE*	*1/8 - 1/4 E*	*F29*	*86*
NYC SANITATION - HAMILTON AVE	*500 HAMILTON AVE & GOVA*	*1/8 - 1/4 SE*	*32*	*92*
NYC SANITATION	*HAMILTON SHOP 465 HAMIL*	*1/8 - 1/4 ENE*	*36*	*100*
NYSDOT	*HAMILTON AVE & 15TH ST*	*1/8 - 1/4 E*	*G37*	*100*
CON ED TM 842	HAMILTON AVE & SMITH ST	1/8 - 1/4 NNE	H38	101
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*1/8 - 1/4 NNE*	*H41*	*104*
NYCDOT HAMILTON AVE ASPHALT PL	*488 HAMILTON AVE*	*1/8 - 1/4 ESE*	*42*	*110*

STATE ASTM STANDARD

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 8 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FIRST BROOKLYN TRANSFER STA.	611 COURT ST.	0 - 1/8 NNW	15	32
IESI NY CORPORATION	***577 COURT ST***	***1/8 - 1/4 N***	***34***	***98***
WASTE MGMT. (N. VACCARO; INC.)	***563 COURT ST***	***1/8 - 1/4 N***	***45***	***119***
SHAMROCK CONTRACTING CORP. #2	195 BUSH ST	1/4 - 1/2 N	47	120
SHAMROCK CONTRACTING CORP.	95-99 19TH STREET	1/4 - 1/2 SSE	J60	148
BROOKLYN CRUSHED MATERIALS; IN	640 COLUMBIA ST	1/4 - 1/2 WNW	75	168
ATLANTIC CONCRETE CORP.	691 COLUMBIA STREET	1/4 - 1/2 W	81	174
WASTE MANAGEMENT (EASTERN) (AL	518-526 COLUMBIA ST	1/4 - 1/2 NW	86	177

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 07/26/2004 has revealed that there are 38 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NYC DOT	448 HAMILTON AVE	1/8 - 1/4 ENE	17	33
NYCDOT HAMILTON YARD	448 HAMILTON AVE	1/8 - 1/4 E	E21	35
AMERADA HESS CORPORATION BROOK	***722 COURT STREET AND GO***	***1/8 - 1/4 WSW***	***D24***	***52***
HESS - BROOKLYN TERMINAL	722 COURT ST	1/8 - 1/4 WSW	D25	78
722 COURT ST	***722 COURT ST***	***1/8 - 1/4 WSW***	***D26***	***79***
HESS TERMINAL	***722 COURT STREET***	***1/8 - 1/4 WSW***	***D27***	***81***
764 COURT ST	***764 COURT ST***	***1/8 - 1/4 WSW***	***30***	***87***
MOBIL S/S	375 HAMILTON AVENUE	1/8 - 1/4 NNE	H39	101
MOBIL S/S	375 HAMILTON AVENUE	1/8 - 1/4 NNE	H40	102
537 SMITH ST/CIBRO	537 SMITH ST	1/4 - 1/2 NNE	I49	120
537 SMITH ST/BKLYN/CIBRO	537 SMITH STREET	1/4 - 1/2 NNE	I51	137
49-10 REALTY	49-10 15TH AVE	1/4 - 1/2 ESE	52	138
537 SMITH ST/BKLYN/CIBRO	537 SMITH STREET	1/4 - 1/2 NNE	56	142
AVE 2 & E 18TH ST/USPS	AVENUE 2 / E 18TH ST	1/4 - 1/2 SSE	J57	143
RED HOOK EAST	***770 HENRY STREET***	***1/4 - 1/2 NW***	***59***	***145***
RED HOOK EAST	***606 CLINTON STREET***	***1/4 - 1/2 NNW***	***K61***	***149***
RED HOOK EAST	606 CLINTON STREET	1/4 - 1/2 NNW	K62	154
11TH ST. & 2ND AVE.	11TH ST / 2ND AVE	1/4 - 1/2 ENE	63	155
Not reported	3RD AV / 14TH ST	1/4 - 1/2 ESE	64	156
289 HAMILTON AVE/BKLYN	289 HAMILTON AVENUE	1/4 - 1/2 N	65	157
44-21 9TH ST/NY TEL	44-21 9TH ST	1/4 - 1/2 NE	66	158
21 ST OFF 3RD AVENUE	21 ST OFF 3RD AVENUE	1/4 - 1/2 SSE	67	159
HAMILTON AV&W 9TH ST/BKLY	HAMILTON AVE / W 9TH	1/4 - 1/2 N	L68	160
AMOCO GAS STATION #60379	260 HAMILTON AV	1/4 - 1/2 N	L69	161
AMOCO STATION	260 HAMILTON AV	1/4 - 1/2 N	L70	162
AMOCO GAS STATION #60379	260 HAMILTON AV	1/4 - 1/2 N	L71	163
RED HOOK WEST	85 LORRAINE STREET	1/4 - 1/2 NW	72	165
138 2ND AVE/USPS	138 2ND AVE	1/4 - 1/2 ENE	M73	166
138 2ND AVENUE	138 2ND AVENUE	1/4 - 1/2 ENE	M74	167
142-02 20TH ST/QUNS/USPS	142-02 20TH STREET	1/4 - 1/2 SSE	76	169
NYC DEPT SANATATION	127 2ND AVE	1/4 - 1/2 ENE	M77	170

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
289 HAMILTON AVE/STAR GAS	289 HAMILTOM AVE/STAR G	1/4 - 1/2N	78	171
OLD POST OFFICE	124 2ND AV	1/4 - 1/2ENE	M79	172
498 3RD AVENUE	498 3RD AVENUE	1/4 - 1/2E	80	173
506 COURT ST	506 COURT ST	1/4 - 1/2NNE	83	175
MOBIL GAS STATION	50-25 BAY PARKWAY	1/4 - 1/2WNW	O84	176
RED HOOK EAST	37 CENTER MALL	1/4 - 1/2NW	88	178

Lower Elevation	Address	Dist / Dir	Map ID	Page
GOUWANUS BAY	COURT ST- PIER 8	1/4 - 1/2WSW	58	144

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ARGUS DIVISION/WITCO CORP	*688 COURT STREET*	*0 - 1/8 WNW*	*B4*	*8*
BRKLYN UNION/RED HOOK SATELLIT	651 COURT ST	0 - 1/8 W	C7	17
HAMILTON AVENUE YARD	*448 HAMILTON AVE*	*1/8 - 1/4 E*	*E22*	*36*
BRUNO TRUCK SALES CORP.	435 HAMILTON AVENUE	1/8 - 1/4 E	F28	82
ENGINE 279 / LADDER 131	*252 LORRAINE STREET*	*1/8 - 1/4 NNE*	*31*	*88*
DEPT. OF SANITATION BROOKLYN 2	*465 HAMILTON AVE.*	*1/8 - 1/4 E*	*G33*	*93*
RED HOOK RECREATION CENTER	155 BAY STREET	1/8 - 1/4 NW	35	99
MOBIL OIL CORP SS #F6J	*375 HAMILTON AVE*	*1/8 - 1/4 NNE*	*H41*	*104*
MELTZ LUMBER CO.OF MELLENVILLE	*483 RT. 217*	*1/8 - 1/4 NNW*	*44*	*111*

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WITCO CORP	*700 COURT ST*	*0 - 1/8 W*	*C13*	*29*

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2

MOSF UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERADA HESS CORPORATION BROOK	*722 COURT STREET AND GO*	*1/8 - 1/4WSW*	*D24*	*52*
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*1/4 - 1/2NNE*	*I50*	*121*

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 06/29/2004 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BU-METROPOLITAN MGP	124-136 SECOND AVE	1/4 - 1/2NE	46	119
455 SMITH STREET (VICHAR, INC.	455 SMITH STREET	1/4 - 1/2NNE	N82	175
WASTE MANAGEMENT-ALLEGRO FACIL	518-526 COLUMBIA STREET	1/4 - 1/2WNW	O85	177

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 11/15/2004 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WASTE MGMT. (N. VACCARO; INC.)	*563 COURT ST*	*1/8 - 1/4N*	*45*	*119*

FEDERAL ASTM SUPPLEMENTAL

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2003 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ATL BASIN IRON WORKS		1/2 - 1 WNW	90	181

STATE OR LOCAL ASTM SUPPLEMENTAL

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2

CBS AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WITCO CORPORATION (POLYMER ADD	700 COURT STREET	0 - 1/8 W	C12	25
AMERADA HESS CORP.-BROOKLYN TE	*722 COURT STREET*	*1/8 - 1/4 WSW*	*D23*	*51*

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF AST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERADA HESS CORPORATION BROOK	*722 COURT STREET AND GO*	*1/8 - 1/4 WSW*	*D24*	*52*
BAYSIDE FUEL OIL DEPOT CORP.	*537 SMITH STREET*	*1/4 - 1/2 NNE*	*I50*	*121*

SPILLS: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 07/26/2004 has revealed that there are 5 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
688 COURT ST/ARGUS CHEMIC	688 COURT STREET	0 - 1/8 WNW	B5	15
651 COURT ST	651 COURT ST	0 - 1/8 W	C9	22
IN A DRUM	700 COURT ST	0 - 1/8 W	C10	23
WITCO CORPORATION	700 COURT STREET	0 - 1/8 W	C11	24
HESS TERM. #6 SPILL	766 COURT ST	0 - 1/8 WSW	C14	31

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:
The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 3 Coal Gas sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
METROPOLITAN GAS LIGHT CO.	35 12TH ST.	1/4 - 1/2 ENE	48	120
BROOKLYN UNION GAS CO.	157 SECOND AVE.	1/4 - 1/2 ENE	53	139
CITIZENS GAS LIGHT CO.	437 SMITH ST.	1/4 - 1/2 NNE	N87	178

BROWNFIELDS DATABASES

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

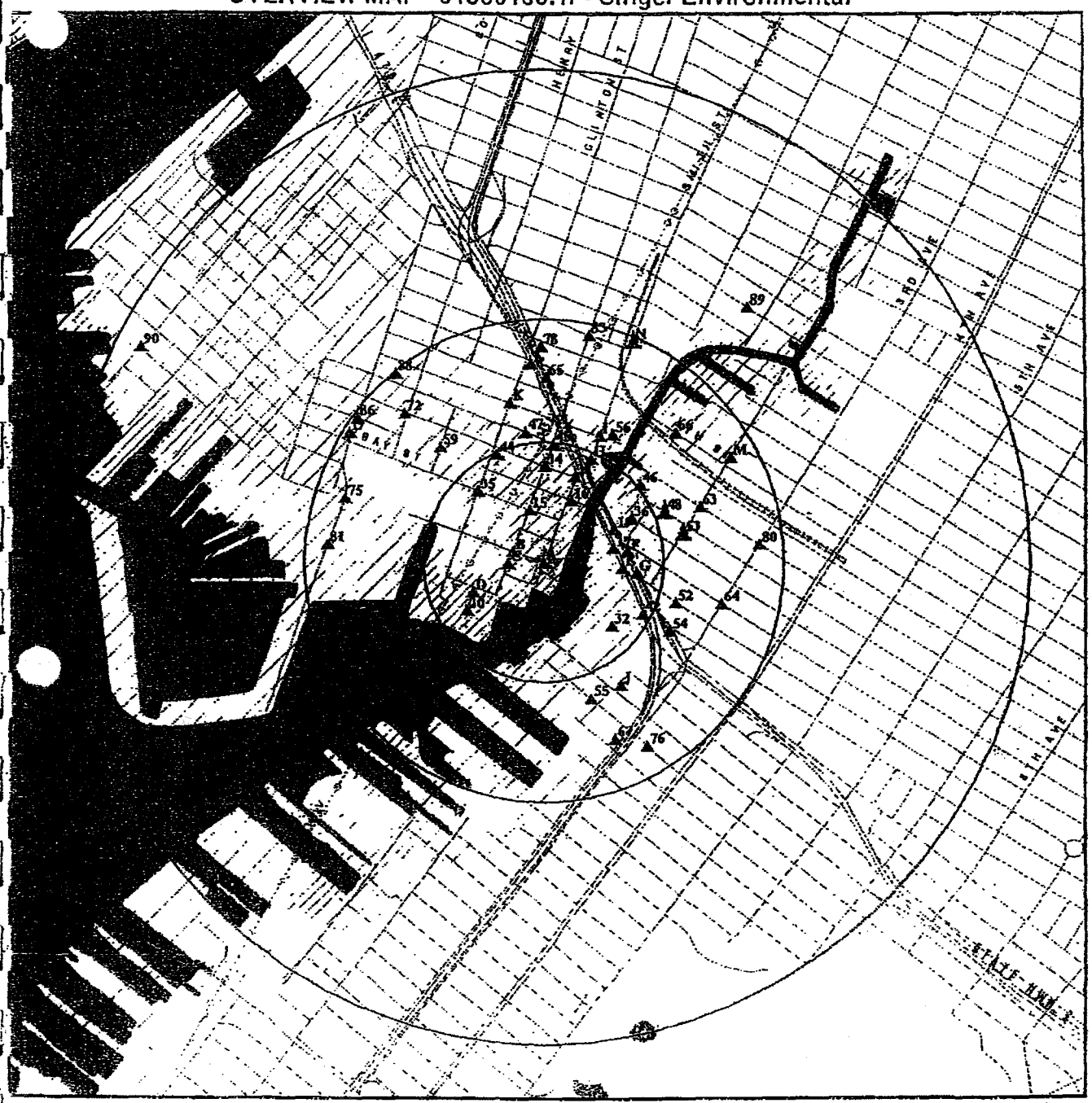
A review of the VCP list, as provided by EDR, and dated 06/29/2004 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BU-METROPOLITAN MGP	124-136 SECOND AVE	1/4 - 1/2NE	46	119
455 SMITH STREET (VICHAR, INC.	455 SMITH STREET	1/4 - 1/2NNE	N82	175
WASTE MANAGEMENT-ALLEGRO FACIL	518-526 COLUMBIA STREET	1/4 - 1/2WNW	O85	177

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
CH PLAZA DRY CLEANERS	DRYCLEANERS
TRICON ENTERPRISES INC. PIER 12	SWF/LF
NYCDOS MTS @ HAMILTON AVE.	SWF/LF
AMERADA HESS	LTANKS
WATERMAN STEAMSHIP CO	RCRA-SQG, FINDS
UNIVERSAL MARTIME	RCRA-SQG, FINDS
NYCDOT BIN 2240231	RCRA-SQG, FINDS
NYCDEP - SHAFT 17A	RCRA-SQG, FINDS
HAMILTON AVENUE PIERS/19TH & 18TH	DEL SHWS
AMERADA HESS	NY Spills
WITCO CORPORATION BROOKLYN PLANT	VCP

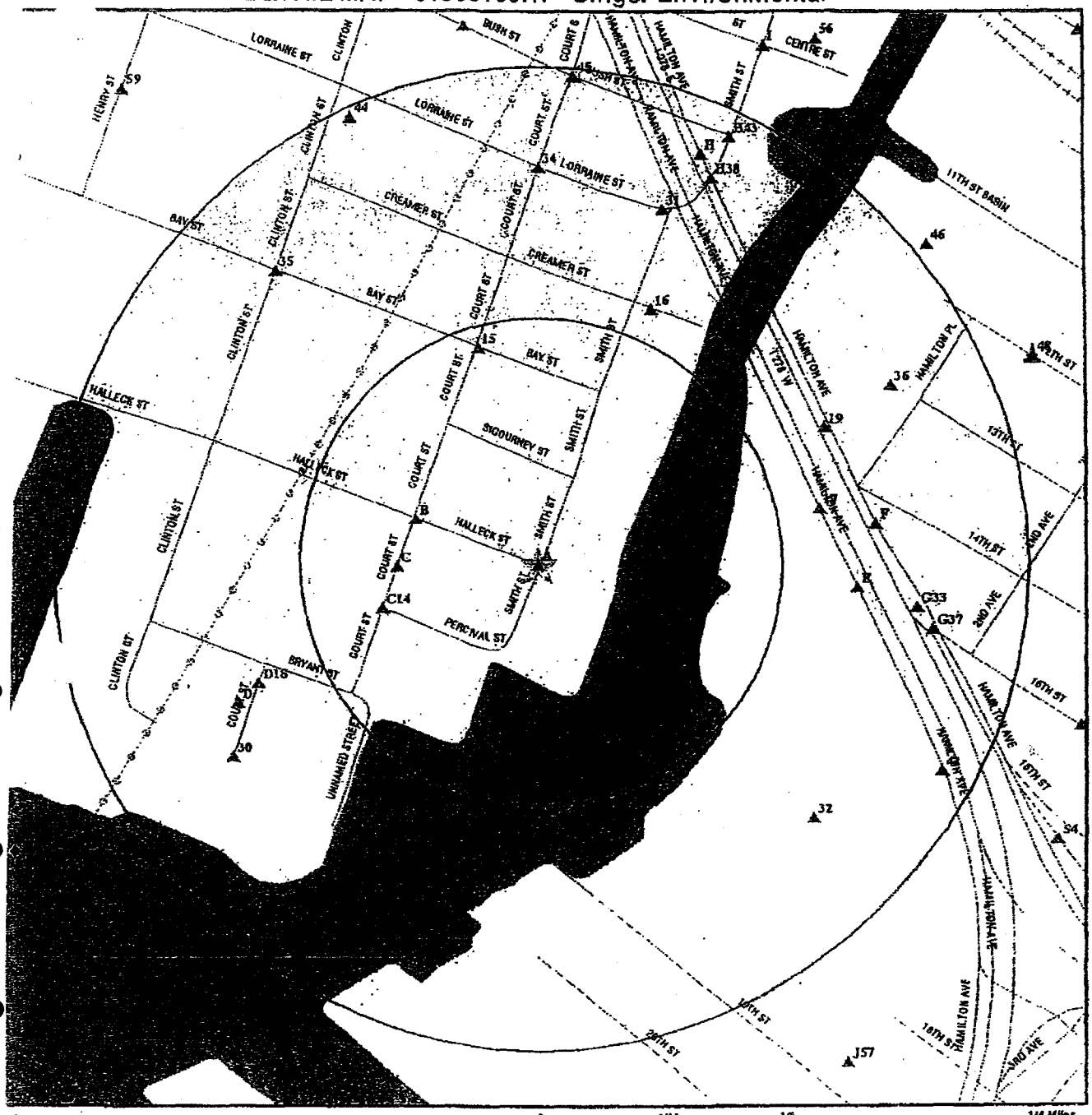
OVERVIEW MAP - 01350150.1r - Singer Environmental



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- State Wetlands

TARGET PROPERTY:	SMITH ST/BAY ST/CREAMER ST	CUSTOMER:	Singer Environmental
ADDRESS:	643 SMITH STREET	CONTACT:	ERICA HOGAN
CITY/STATE/ZIP:	BROOKLYN NY 11231	INQUIRY #:	01350150.1r
LAT/LONG:	40.6697 / 74.0006	DATE:	January 28, 2005 9:46 am

DETAIL MAP - 01350150.1r - Singer Environmental



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- Federal Wetlands
- State Wetlands

TARGET PROPERTY:	SMITH ST/BAY ST/CREAMER ST	CUSTOMER:	Singer Environmental
ADDRESS:	643 SMITH STREET	CONTACT:	ERICA HOGAN
CITY/STATE/ZIP:	BROOKLYN NY 11231	INQUIRY #:	01350150.1r
LAT/LONG:	40.6697 / 74.0006	DATE:	January 28, 2005 9:47 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	1	1	NR	2
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	1	2	NR	NR	NR	3
RCRA Sm. Quan. Gen.		0.250	2	11	NR	NR	NR	13
ERNS	X	TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	1	2	5	NR	NR	8
LTANKS		0.500	0	9	29	NR	NR	38
UST		0.250	2	7	NR	NR	NR	9
CBS UST		0.250	1	0	NR	NR	NR	1
MOSF UST		0.500	0	1	1	NR	NR	2
VCP		0.500	0	0	3	NR	NR	3
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	1	0	NR	NR	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
ODI		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
HSWDS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	X	TP	NR	NR	NR	NR	NR	0
CBS AST		0.250	1	1	NR	NR	NR	2
MOSF AST		0.500	0	1	1	NR	NR	2
NY Spills	X	0.125	5	NR	NR	NR	NR	5
DEL SHWS		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	3	0	NR	3
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Brownfields		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	3	NR	NR	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number / EPA ID Number

A1
Target
Property
611 SMITH ST/I N E TIRE
611 SMITH ST
BKLYN, NY
NY Spills
S102143147
N/A

Site 1 of 3 in cluster A

Actual:
2 ft.

SPILLS:

True Date :	11/15/2004		
Spill Number:	9205166	Region of Spill:	2
Spill Date:	08/05/92	Reported to Dept:	/ /
ID:	172251		
Date Call Received:	08/05/92		
Region Close Date :	08/05/92		
Material Spilled:	UNKNOWN PETROLEUM	Amount Spilled:	-1 lbs.
Spill Cause:	SURFACE WATER	Resource Affected:	SURFACE WATER
Water Affected:	GOWANUS CANAL	Spill Source:	VESSEL
Water Affected:	GOWANUS CANAL	Spill Source:	VESSEL
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	Not reported	SWIS:	Not reported
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS:	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	SINKING BARGE MAY LEAD TO SPILL. USCG MONITORING.		
Spill Class:	Not reported		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Not reported
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

Spill Closed Dt:	/ /		
Spill Notifier:	Not reported	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /	Cleanup Meets Std:	Not reported
Recommended Penalty:	Not reported		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	Not reported
Spill Record Last Update:	/ /		
Is Updated:	Not reported		
Corrective Action Plan Submitted:	/ /		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
	611 SMITH STR N E TIRE (Continued)		S102143147

Date Spill Entered In Computer Data File: / /
Date Region Sent Summary to Central Office: / /
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

A2 Target Property Actual: 2 ft.	611 SMITH STREET 611 SMITH STREET BROOKLYN, NY Site 2 of 3 in cluster A	ERNS	92276577 N/A

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A3 < 1/8 2 ft. Relative: Equal Actual: 2 ft.	610 SMITH STREET 610 SMITH STREET BROOKLYN, NY 11231 Site 3 of 3 in cluster A	AST	U003393757 N/A

PBS AST:

PBS Number:	2-483109	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	MANUFACTURING		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	610 SMITH ST CORP 116 JOHN STREET-ROOM 312 NEW YORK, NY 10038		
Owner Phone:	(212) 349-5618		
Facility Phone:	(212) 349-5618		
Operator:	JOSE RODRIGUEZ		
Emergency Name:	HERBERT CHAVES		
Emergency Phone:	(212) 349-5618		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	001		
Capacity (Gal):	5000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	IN-TANK SYSTEM		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		

610 SMITH STREET (Continued) U003393757

Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	610 SMITH ST CORP		
Mailing Address:	116 JOHN STREET-ROOM 312 NEW YORK, NY 10038		
Mailing Contact:	Not reported		
Mailing Telephone:	(212) 349-5618		
Owner Mark:	First Owner	Expiration Date:	11/19/2005
Certification Flag:	False	Certification Date:	09/29/2000
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

B4 WNW < 1/8 362 ft. Relative: Higher Actual: 8 ft.

688 COURT ST/ARGUS CHEMIC NY Spills S102142314
688 COURT STREET N/A
BROOKLYN, NY

Site 1 of 4 in cluster B

SPILLS:

True Date :	11/15/2004		
Spill Number:	8803828	Region of Spill:	2
Spill Date:	07/27/88	Reported to Dept:	/ /
ID:	121773		
Date Call Received:	08/01/88		
Region Close Date :	01/08/98		
Material Spilled:	UNKNOWN PETROLEUM	Amount Spilled:	-1 lbs.
Spill Cause:	IN SEWER	Resource Affected:	IN SEWER
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	Not reported	SWIS:	Not reported
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS:	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		

DEC Remarks : DEC conducted M2P2 Inspection Sigona) matter referred to SPDES Unit and City DEP. Involved operation of plant. DEP Enforcement and Complaince imposed permit limitations and treatment requirements to prevent reoccurence of problem.

Remark: SEEPAGE INTO PIT THAT CONTAINS WATER METER 0926) AND HOUSE TRAP, SEEPAGE IS BLACK OIL.

Spill Class: Not reported

Tank Test:

ARGUS DIVISION/WITCO CORP (Continued) U003074339

FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/13/1997
Old PBS Number:	Not reported	Expiration Date:	05/07/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-093718	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ARGUS DIVISION/WITCO CORP (718) 858-5678		
Emergency Contact:	WILLIAM LOMBARDI (718) 858-5678		
Total Tanks:	0		
Owner:	ARGUS DIVISION/WITCO CORP 700 COURT STREET BROOKLYN, NY 11231 (718) 858-5678		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ARGUS DIVISION/WITCO CORP ATTN: DOMINCK IOCCO 700 COURT STREET BROOKLYN, NY 11231 (718) 858-5678		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		
Tank Id:	0T3	Install Date:	07/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/13/1997
Old PBS Number:	Not reported	Expiration Date:	05/07/2002

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIVISION/WITCO CORP (Continued) U003074339

Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-083719 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: ARGUS DIVISION/WITCO CORP
(718) 858-5678
Emergency Contact: WILLIAM LOMBARDI
(718) 858-5678
Total Tanks: 8
Owner: ARGUS DIVISION/WITCO CORP
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: ARGUS DIVISION/WITCO CORP
ATTN: DOMINICK IOCCO
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)
Capacity (gals): 1500
Tank Location: UNDERGROUND
Tank Id: 014 — Install Date: 01/01/1956
Tank Type: Steel/carbon steel — Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: Not reported — Pipe Internal: Not reported
Pipe Location: 1 — Pipe Type: STEEL/IRON
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 2 — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: False
Dead Letter: False — Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0 — Renewal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: No data missing
Certification Flag: False — Certification Date: 05/13/1997
Old PBS Number: Not reported — Expiration Date: 05/07/2002
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIVISION/WITCO CORP (Continued) U003074339

County Code: 61
Region: 2

PBS Number: 2-083719 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: ARGUS DIVISION/WITCO CORP
(718) 858-5678
Emergency Contact: WILLIAM LOMBARDI
(718) 858-5678
Total Tanks: 8
Owner: ARGUS DIVISION/WITCO CORP
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: ARGUS DIVISION/WITCO CORP
ATTN: DOMINICK IOCCO
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Tank Status: Closed - In Place
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 700 — Install Date: 06/01/1956
Tank Type: Steel/carbon steel — Product Stored: NOS 5 OR 6 FUEL OIL
Tank Internal: Not reported — Pipe Internal: Not reported
Pipe Location: 1 — Pipe Type: STEEL/IRON
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: OTHER
Leak Detection: OTHER
Overfill Prot: Product Level Gauge — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: 12/01/1990 — Test Method: Not reported
Deleted: False — Updated: True
Dead Letter: False — Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0 — Renewal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: No data missing
Certification Flag: False — Certification Date: 05/13/1997
Old PBS Number: Not reported — Expiration Date: 05/07/2002
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-083719 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: ARGUS DIVISION/WITCO CORP

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIVISION/WITCO CORP (Continued) U003074339

(718) 858-5678
Emergency Contact: WILLIAM LOMBARDI
(718) 858-5678
Total Tanks: 8
Owner: ARGUS DIVISION/WITCO CORP
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: ARGUS DIVISION/WITCO CORP
ATTN: DOMINICK IOCCO
700 COURT STREET
BROOKLYN, NY 11231
(718) 858-5678
Tank Status: Closed - Removed
Capacity (gals): 7500
Tank Location: UNDERGROUND
Tank Id: 1 — Install Date: Not reported
Tank Type: Steel/carbon steel — Product Stored: EMPTY
Tank Internal: NONE — Pipe Internal: NONE
Pipe Location: Above/Underground Combination — Pipe Type: STEEL/IRON
Tank External: NONE/PAINTED/ASPHALT COATING
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE/NONE
Overfill Prot: None — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: 05/01/1993 — Test Method: Not reported
Deleted: False — Updated: True
Dead Letter: False — Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0 — Renewal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: No data missing
Certification Flag: False — Certification Date: 05/13/1997
Old PBS Number: Not reported — Expiration Date: 05/07/2002
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
1 additional NY PBS record(s) in the EDR Site Report.

PBS AST
PBS Number: 2-083719 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Former PBS#: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIVISION/WITCO CORP (Continued) U003074339

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Type: MANUFACTURING
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: ARGUS DIVISION/WITCO CORP
700 COURT STREET
BROOKLYN, NY 11231
Owner Phone: (718) 858-5678
Facility Phone: (718) 858-5678
Operator: ARGUS DIVISION/WITCO CORP
Emergency Name: WILLIAM LOMBARDI
Emergency Phone: (718) 858-5678
Total Tanks: 0
Total Capacity: 0
Tank ID: 712
Capacity (Gal): 548
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: 10/01/1966
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Not reported
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: 08/01/1996 — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: ARGUS DIVISION/WITCO CORP
Mailing Address: 700 COURT STREET
BROOKLYN, NY 11231
Mailing Contact: DOMINICK IOCCO
Mailing Telephone: (718) 858-5678
Owner Mark: First Owner — Expiration Date: 05/07/2002
Certification Flag: False — Certification Date: 05/13/1997
Renew Flag: False — Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: 0
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-083719 — CBS Number: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIVISION/WITCO CORP (Continued) — 0103874330

SPDES Number: Not reported — SWIS Code: 5101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 2 - Unregulated (by PBS (tks total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Type: MANUFACTURING
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: ARGUS DIVISION/WITCO CORP
700 COURT STREET
BROOKLYN, NY 11231
Owner Phone: (718) 858-5670
Facility Phone: (718) 858-5670
Operator: ARGUS DIVISION/WITCO CORP
Emergency Name: WILLIAM LOMBARDI
Emergency Phone: (718) 858-5670
Total Tanks: 9
Total Capacity: 0
Tank ID: 1636
Capacity (Gal): 1000
Modified Date for Tank: No data entering
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: NOS # 5 OR 6 FUEL OIL
Tank Type: Distribution Unit
Install Date: 12/01/1939
Tank Internal: NONE
Tank Element: NONEFIBERGLASS
Tank Construct: NONECONCRETE ENC
Pipe Type: STEELANOX
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: NONEFIBERGLASS
Leak Detection: NONENONE
Overfill Protection: High Level Alarm
Dispenser Method: Suction
Date Disabled: / /
Date Closed: 12/01/1989
Updated: Yes
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: ARGUS DIVISION/WITCO CORP
Mailing Address: 700 COURT STREET
BROOKLYN, NY 11231
Mailing Contact: DOMINICK IOCCO
Mailing Telephone: (718) 858-5670
Owner Mode: Final Owner
Certification Flag: False
Renew Flag: False
Last Log: Not reported
Deed Letter: False
Facility Status: No data entering
Owner Source: No data entering
Tank Source: 0
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 01
Region: 2
Fiscal Amount for Registration Fee Is Owned: True
Most Test Date: / /
Test Method: Not reported
Exempt: False
Inspector: Not reported
Expiration Date: 05/07/2002
Certification Date: 05/13/1997
Renew Date: / /

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

B6 — 699 COURT STURDIVANT CHEMIC — NY Spills — 0103142314
1000' — 699 COURT STREET — N/A
< 1/8 — BROOKLYN, NY
363 ft.

Site 2 of 3 in cluster B

Relative: Higher

Actual: 6 ft.

SPILLS:
Spill Number: 9403023 — Region of Spill: 2
Spill Date: 07/27/1994 16:00 — Reported to Dept: 08/01/94 10:00
ZIP: Not reported
Oil Cat Received: Not reported — Region Close Date: Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Spill Cause: Housekeeping — Resource Affected: In Sewer
Water Affected: Not reported — Spill Source: Other Commercial/Industrial
Facility Contact: FLAVIO BRENNER — Facility Type: Not reported
Investigator: BROWN — SWIS: 51
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: WITCO CHEMICAL CO.
Spiller Address: 699 COURT STREET
BROOKLYN, NY
DEC Remarks: DEC conducted SEF2 inspection. Spoke to owner refused to SPDES Unit and City DEP. Received cancellation of permit. DEP Enforcement and Compliance imposed permit limitations and treatment requirements to prevent reoccurrence of problem.
Remark: REPAIRS INTO PIT THAT CONTAINS WATER METER (WSR) AND HOUSE TRAP, SEEPAGE IS BLACK OIL.
Spill Class: Almost Minimal Spill (poses potential for fire or hazard). DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Class Related Service Number: UNKNOWN PETROLEUM
Last Shelf: 09/29/1994
Item Where Material Entry In File: 58414
Spill Closed Dt: 01/03/95
Spill Notifier: Local Agency — PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended — Cleanup Meets Std: False
Spiller Cleanup Dt: / — Enforcement Date: / /
Investigation Completed: / — UST Involvement: False

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

699 COURT STURDIVS CHEMC (Continued) — 0103142314

Spill Record Last Update: 01/03/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/02/94
Date Region Sent Summary to Central Office: / /
Time Data: Not reported

B4 — ARGUS DIV WITCO CHEMICAL CORP — RCRA-LOG — 1000427451
1000' — 548 COURT ST — NYD003387362
< 1/8 — BROOKLYN, NY 11231
362 ft.

Site 3 of 3 in cluster B

Relative: Higher

Actual: 6 ft.

RCRAInfo:
Owner: WITCO CHEMICAL CORP (212) 573-4209
EPA ID: NYD003387362
Contact: GASPAR GUARTARARO (718) 858-5670
Classification: Large Quantity Generator
TSDF Activities: Not reported
Violation Status: Violations exist

Regulation Violated: 265.1035(b)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/31/2000
Actual Date Achieved Compliance: 04/28/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/25/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/12/1996
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/31/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 07/07/2000
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/15/1993
Actual Date Achieved Compliance: 05/23/2002
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/12/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/14/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/11/1992
Actual Date Achieved Compliance: 01/22/2002

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

ARGUS DIV WITCO CHEMICAL CORP (Continued) — 1000427451

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/12/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/14/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/12/1995
Actual Date Achieved Compliance: 03/31/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/25/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/12/1996
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/31/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 07/07/2000
Penalty Type: Proposed Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	5/24/2002	45000	STATE
Final Monetary Penalty	7/10/2000	15000	EPA
Proposed Monetary Penalty	3/31/2000	189725	EPA
Proposed Monetary Penalty	9/12/1995	50000	STATE

There are 4 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	10/08/1992
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	10/08/1992
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	10/08/1992
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	10/08/1992
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	10/07/1993

HY MANIFEST

Click this hyperlink while viewing on your computer to access additional HY MANIFEST detail in the EDR Site Report.

C7 — SMITH UNION/FREE NOON SATELLITE — UST — U001634945
West — 691 COURT ST — N/A
< 1/8 — BKLYN, NY 11231
391 ft.

Site 1 of 6 in cluster C

Relative: Higher

Actual: 6 ft.

PBS UST:
PBS Number: 2-330043 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 5101
Operator: FLEET SERVICES (718) 963-8634
Emergency Contact: FLEET SERVICES

WITCO (Continued) 1001454552

BROOKLYN, NY 11231
(203) 552-2477
Owner Type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail Tix: CK WITCO
Mail Address: ONE AMERICAN WAY
BROOKLYN, NY 11231
ATTN: MARIE PITTIGNANO
(203) 552-2477

SPDES Nbr: Not reported — Facility Status: CLOSED IN PLACE
Owner Subtype: Not reported
Tank Status: Temp. Out of Service
Tank Spec Status: Minor Data Missing
Total Tanks: 5 — Capacity: 4000 Gals
Tank Location: Underground, vaulted, with access
Install Date: 08/70
CAS Nbr: 108383
Substance: Not reported
Tank Type: Steel/carbon steel — 2nd Containment: Diking
Tank Interest: Not reported — Pipe Type: STEEL/IRON
Tank Exterior: Not reported
Pipe Interior: Not reported — Pipe Location: Not reported
Pipe Exterior: Not reported
Pipe Containment: Not reported — Haz Percent: 0
Leak Detection: Not reported
Overfill Protection: Not reported
Chemical: m-Xylene
Tank Closed: Not reported
Tank Secure: False — Date Entered: 07/07/1989 12:00:00
Last Test: Not reported — Due Date: Not reported
SWIS Code: 6101
Cert Flag: False
Cons Nbr: Not reported — Reserve Flag: True
Pipe Flag: False — Federal Amt: True
Is It Three: False — Is Updated: False
Owner Mark: 1 — Last Leng: 40[40]10 / 74[03]13
Renew Date: 04/01/93 — Date Expired: 07/07/95
Total Capacity: 0
Tank Number: T3010

CBS Number: 2-000006 — ICS Nbr: 3-000035
PBS Nbr: Not reported — MOSF Nbr: Not reported
Region: STATE — Trans: NEW YORK CITY
Operator: WITCO CORPORATION (POLYMER ADDFacility Tel: (718) 858-6864
Emergency Contact: MARIE PITTIGNANO, (203) 552-2477
Certification Date: 09/13/2000 — Expiration Date: 07/07/2005
Owner:
Owner Address: ONE AMERICAN WAY
BROOKLYN, NY 11231
Owner Phone: (203) 552-2477
Owner Type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail Tix: CK WITCO
Mail Address: ONE AMERICAN WAY
BROOKLYN, NY 11231
ATTN: MARIE PITTIGNANO
(203) 552-2477

WITCO CORP (Continued) 1001454552

SPDES Nbr: Not reported — Facility Status: NO LONGER A MAJOR FACILITY
Owner Subtype: Not reported
Tank Status: Temp. Out of Service
Tank Spec Status: No Missing Data
Total Tanks: 0 — Capacity: 4000 Gals
Tank Location: Underground
Install Date: 08/85
CAS Nbr: 98828
Substance: Single Hazardous Substance on DEC List
Tank Type: Steel/carbon steel — 2nd Containment: Double-Walled
Tank Interest: Epoxy Liner — Pipe Type: STEEL/IRON
Tank Exterior: Sacrificial Anode
Pipe Interior: None — Pipe Location: Aboveground/Underground Combination
Pipe Exterior: None
Pipe Containment: None — Haz Percent: 100
Leak Detection: Electronic
Overfill Protection: 2
Chemical: Benzene,1-methylethyl-
Tank Closed: 12/89
Tank Secure: False — Date Entered: 04/26/1989 14:34:01
Last Test: Not reported — Due Date: Not reported
SWIS Code: 6101
Cert Flag: False
Cons Nbr: Not reported — Reserve Flag: True
Pipe Flag: False — Federal Amt: True
Is It Three: False — Is Updated: False
Owner Mark: 1 — Last Leng: 46[40]30 / 74[03]13
Renew Date: 04/01/93 — Date Expired: 07/07/95
Total Capacity: 0
Tank Number: T203

C14 — KESS TERM, #6 SPILL — NY Spills S102143960
WSW — 756 COURT ST — N/A
< 1/8 — NEW YORK CITY, NY
466 ft.

Site 6 of 8 in cluster C

Relative: Higher

SPILLS:
Spill Number: 9801539 — Region of Spill: 2
Spill Date: 08/04/1998 10:40 — Reported to Dept: 08/04/1998 16:24
Oil: Not reported
Oil Cell Received: Not reported — Region Close Date: Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Spill Cause: Equipment Failure — Resource Affected: On Land
Water Affected: HONEYPOT, GW — Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported — Facility Tele: (718) 338-1494
Investigator: MILLER — SWIS: 61
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: AMERADA HESS
Spiller Address: SAME AS ABOVE
DEC Remarks: 04/04/98: NO IMPACT TO WATER. DEC WILL INVESTIGATE.
Remarks: SEAL BLEW ON PUMP DURING TRANSFER TO TANK TRUCK; PETRO TANK CLEANERS CLEANED UP SPILL WITH VAC TRUCK; SURFACE SOIL TO BE EXCAVATED.
Spill Class: Possible release with additional potential for fire or hazard or threat

KESS TERM, #6 SPILL (Continued) S102143960

release with no damage. DEC Response, Willing Responsible Party, Corrective action taken.

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: 1
Quantity Spilled: 150
Units: Pounds
Unknown Qty Spilled: 150
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #6 FUEL OIL
Last Date: 07/29/1994
Mark Those Material Entry in File: 2159
Spill Closed Dt: 06/05/98
Spill Notifier: Responsible Party — PBS Number: Not reported
Cleanup Ceased: 06/05/98
Last Inspection: / / — Cleanup Meets Std/Tms
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / / — Enforcement Date: / /
Investgn Completed: / / — UST Involvement: False
Spill Record Last Updated: 10/14/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/07/95
Date Region Sent Summary to Central Office: / /
Tank Date: Not reported

FIRST BROOKLYN TRANSFER STA. — STATE S105641721
611 COURT ST, — N/A
BROOKLYN, NY 11231

Site 7 of 8 in cluster C

Relative: Higher

Secondary Addr: Not reported — Region Code: 2
Phone Number: 7187970987 — Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Not reported
0
Owner Email: Not reported — Owner Phone: 0
Contact Name: ANTHONY VITALE, V.P.
Contact Address: Not reported
Not reported
Not reported
Contact Email: Not reported — Contact Phone: Not reported
Activity Date: Transfer Status: Registered
Activity Number: 21744
Active: No — Accuracy Code: Not reported
North Coordinate: 0 — East Coordinate: 0
Regulatory Status: Not reported

FIRST BROOKLYN TRANSFER STA. (Continued) S105641721

Authorization #: 2-62-80044 — Authorization Date: Not reported
Expiration Date: Not reported

10 — NEW REGINA CONF TNS — RCRA-SQG 1001233537
NNE — 200 CREAMER ST — FINDS NYR000041978
1/8-1/4 — BROOKLYN, NY 11231
749 ft.

Relative: Equal

RCRAInfo:
Owner: ANDREW D LASK (718) 875-8020
EPA ID: NYR000041976
Contact: ANDREW LASK (718) 875-8020
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual: 3 ft.

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

11 — NYC DOT — LTANKS S105991176
ENE — 445 HAMILTON AVE — N/A
1/8-1/4 — BROOKLYN, NY
779 ft.

Relative: Equal

LTANKS:
Spill Number: 0302574 — Region of Spill: 2
Tank Number: 005 — Tank Size: 1050
Test Method: HORNER EZ CHECK — Leak Rate: 0.00
Spill Date: 09/19/03 — Reported to Dept: / /
ID: 24481 — Date Call Received: 09/19/03
Material Spilled 1: GASOLINE — Amount Spilled 1: Unknown Cal.
Region Close Dt: / /
Resource Affected: ON LAND
Spill Cause: TANK TEST FAILURE
Water Affected: Not reported — Spill Source: OTHER COMMERCIAL/IND

Actual: 3 ft.

Spill Number: 0302574 — Region of Spill: 2
Tank Number: 005 — Tank Size: 1050
Test Method: HORNER EZ CHECK — Leak Rate: 0.00
Spill Date: 09/19/03 — Reported to Dept: / /
ID: 24482 — Date Call Received: 09/19/03
Material Spilled 1: GASOLINE — Amount Spilled 1: Unknown Cal.
Region Close Dt: / /
Resource Affected: ON LAND
Spill Cause: TANK TEST FAILURE
Water Affected: Not reported — Spill Source: OTHER COMMERCIAL/IND

Y — WITCO CORPORATION (POLYMER ADDITIVES GRO (Continued) — S104779971

Facility Type: Not reported
Owner/Id: Not reported
MOSF Number: Not reported — CAS Number: 108952
SPDES Number: Not reported — ICS Number: 2-500835
Facility Type: Manufacturing
Operator: WITCO CORPORATION (POLYMER ADD — Facility Town: NEW YORK CITY
Emergency Contact: MARIE PITTIGNANO — Emergency Phone: (203) 552-2477
Certified Date: 05/12/1999 — Expiration Date: 07/07/2001
Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CK WITCO
Mail Contact: MARIE PITTIGNANO
ONE AMERICAN WAY
BROOKLYN, NY 11231
Mail Phone: (203) 552-2477
Tank Secret: False — Date Entered: 06/08/1993 11:10:53
Last Test: Not reported — Due Date: Not reported
Pipe Flag: False — Owner Mods: 1
Renew Date: 04/01/93 — Date Expired: 07/07/95
Is It There: False — Is Updated: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Act for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: T208
Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1998

CBS Number: 2-000086 — Telephone: (718) 854-8884
Owner: CK WITCO
ONE AMERICAN WAY
BROOKLYN, NY 11231
(203) 552-2477
Facility Status: Active
Total Tanks: 6
Tank Status: 6
Tank Error Status: No Missing Data
Tank Location: Aboveground
Install Date: 07/91
Capacity (Gal): 11700
Tank Type: Shallow/on steel slab
Substance: Single Hazardous Substance on DEC List
Extnl Protection: None
Intnl Protection: None
Tank Containment: Diking
Pipe Type: STAINLESS STEEL ALLOY — Pipe Location: Aboveground
Pipe Internal: None
Pipe External: Fiberglass
Pipe Containment: None — Haz Percent: 100
Leak Detection: None
Overfill Protection: Not reported
Chemical: Phenol
Tank Closed: 00/00
PBS Number: Not reported — SWIS Code: 6101
Federal ID: Not reported
MOSF Number: Not reported — CAS Number: 108952
SPDES Number: Not reported — ICS Number: 2-500835

WITCO CORPORATION (POLYMER ADDITIVES GRO (Continued) — S104779971

Facility Type: Manufacturing
Operator: WITCO CORPORATION (POLYMER ADD — Facility Town: NEW YORK CITY
Emergency Contact: MARIE PITTIGNANO — Emergency Phone: (203) 552-2477
Certified Date: 05/12/1999 — Expiration Date: 07/07/2001
Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CK WITCO
Mail Contact: MARIE PITTIGNANO
ONE AMERICAN WAY
BROOKLYN, NY 11231
Mail Phone: (203) 552-2477
Tank Secret: False — Date Entered: 06/08/1993 11:11:37
Last Test: Not reported — Due Date: Not reported
Pipe Flag: False — Owner Mods: 1
Renew Date: 04/01/93 — Date Expired: 07/07/95
Is It There: False — Is Updated: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Act for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: T4056
Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1998

CBS Number: 2-000086 — Telephone: (718) 854-8884
Owner: CK WITCO
ONE AMERICAN WAY
BROOKLYN, NY 11231
(203) 552-2477
Facility Status: Active
Total Tanks: 6
Tank Status: 6
Tank Error Status: No Missing Data
Tank Location: Aboveground on crib, pad or cradle
Install Date: 09/87
Capacity (Gal): 5000
Tank Type: Shallow/on steel
Substance: Single Hazardous Substance on DEC List
Extnl Protection: Painted/Asphalt Coating
Intnl Protection: Epoxy Liner
Tank Containment: Diking
Pipe Type: PLASTIC — Pipe Location: Aboveground
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Pipe Containment: None — Haz Percent: 98
Leak Detection: None
Overfill Protection: Not reported
Chemical: Sulfuric acid
Tank Closed: 00/00
PBS Number: Not reported — SWIS Code: 6101
Federal ID: Not reported
MOSF Number: Not reported — CAS Number: 7664939
SPDES Number: Not reported — ICS Number: 2-500835
Facility Type: Manufacturing
Operator: WITCO CORPORATION (POLYMER ADD — Facility Town: NEW YORK CITY
Emergency Contact: MARIE PITTIGNANO — Emergency Phone: (203) 552-2477
Certified Date: 05/12/1999 — Expiration Date: 07/07/2001

WITCO CORPORATION (POLYMER ADDITIVES GRO (Continued) — S104779971

Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CK WITCO
Mail Contact: MARIE PITTIGNANO
ONE AMERICAN WAY
BROOKLYN, NY 11231
Mail Phone: (203) 552-2477
Tank Secret: False — Date Entered: 05/01/1995 07:57:04
Last Test: Not reported — Due Date: Not reported
Pipe Flag: False — Owner Mods: 1
Renew Date: 04/01/93 — Date Expired: 07/07/95
Is It There: False — Is Updated: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Act for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: T4053
Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1998

CBS Number: 2-000086 — Telephone: (718) 854-8884
Owner: CK WITCO
ONE AMERICAN WAY
BROOKLYN, NY 11231
(203) 552-2477
Facility Status: Active
Total Tanks: 6
Tank Status: 6
Tank Error Status: No Missing Data
Tank Location: Aboveground
Install Date: 12/87
Capacity (Gal): 12000
Tank Type: Fiberglass reinforced plastic (FRP)
Substance: Single Hazardous Substance on DEC List
Extnl Protection: None
Intnl Protection: None
Tank Containment: Diking
Pipe Type: PLASTIC — Pipe Location: Aboveground
Pipe Internal: None
Pipe External: None
Pipe Containment: None — Haz Percent: 33
Leak Detection: None
Overfill Protection: Not reported
Chemical: Hydrochloric acid
Tank Closed: 00/00
PBS Number: Not reported — SWIS Code: 6101
Federal ID: Not reported
MOSF Number: Not reported — CAS Number: 7647010
SPDES Number: Not reported — ICS Number: 2-500835
Facility Type: Manufacturing
Operator: WITCO CORPORATION (POLYMER ADD — Facility Town: NEW YORK CITY
Emergency Contact: MARIE PITTIGNANO — Emergency Phone: (203) 552-2477
Certified Date: 05/12/1999 — Expiration Date: 01/07/2001
Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CK WITCO
Mail Contact: MARIE PITTIGNANO

WITCO CORPORATION (POLYMER ADDITIVES GRO (Continued) — S104779971

ONE AMERICAN WAY
BROOKLYN, NY 11231
Mail Phone: (203) 552-2477
Tank Secret: False — Date Entered: 07/07/1998 11:56:23
Last Test: Not reported — Due Date: Not reported
Pipe Flag: False — Owner Mods: 1
Renew Date: 04/01/93 — Date Expired: 07/07/95
Is It There: False — Is Updated: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Act for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: T4043
Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1998

This is the most recent NY CBS AST data for this site.

Click this hyperlink while viewing on your computer to access
11 additional NY CBS AST record(s) in the EDR Site Report.

C13 — WITCO CORP — RCRA-SQG 1001455512
West — 706 COURT ST — FINDS NYD001411464
< 1/8 — BROOKLYN, NY 11231 — CBS UST
499 ft.

Site 7 of 8 in cluster C

Relative: Higher
Actual: 6 ft.

RCRAInfo:
Owner: WITCO CORP (203) 552-2000
EPA ID: NYD001411464
Contact: MARTIN DONOHUE (718) 858-8855
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access
additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Integrated Compliance Information
National Emissions Inventory
Resource Conservation and Recovery Act Information System
Toxics Release Inventory

CBS UST:
CBS Number: 2-000086 — ICS Nbr: 2-500835
PBS Nbr: Not reported — MOSF Nbr: Not reported
Region: STATE — Town: NEW YORK CITY
Operator: WITCO CORPORATION (POLYMER ADD — Facility Tel: (718) 854-8884
Emergency Contact: MARIE PITTIGNANO (203) 552-2477
Certification Date: 05/12/1999 — Expiration Date: 07/07/2001
Owner: CK WITCO

Site | Database(s) | EDR ID Number / EPA ID Number

BROOKLYN UNCHARTED HOOK SATELLITE (Continued) — U001133761

Underground: NONE/NONE
Aboveground: NONE/NONE
Use: Motor | Dispenser: None
Date Installed: Not reported | Next Test Date: Not reported
Date Closed: Not reported | Test Method: Not reported
Deleted: False | Updated: True
Dead Letter: False | Owner Survey: No data existing
FASIT: Fiscal amount for registration fee is correct
Total Capacity: 0 | Removed Date: Not reported
Tank Survey: 0 | Federal ID: Not reported
Remote Flag: Record has not been updated | Facility Survey: Minor data missing
Certification Flag: False | Certification Date: 05/02/1991
Old PBS Number: Not reported | Expiration Date: 12/14/1992
Inspected Date: Not reported | Inspector: Not reported
Inspection Report: Not reported
Letterer: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

BROOKLYN UNION GAS CO - RED HOOK — RCRA-SQG 1000735472 / FINDS NYD000617183
491 COURT ST
BROOKLYN, NY 11231

Site 1 of 8 in cluster C

RCRAInfo:
Owner: RED HOOK REALTY CO
(516) 484-8711
EPA ID: NYD000617183
Contact: LAWRENCE LIEBS
(718) 499-3062
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

491 COURT ST — NY Spills S104916183 / N/A
491 COURT ST
BROOKLYN, NY

Site 2 of 8 in cluster C

SPILLS:
Spill Number: 9304044 | Region of Spill: 2
Tank Number: Not reported | Tank Size: Not reported
Tank Material: Not reported | Leak Rate: Not reported
Spill Date: 07/17/93 | Reported to Dept: / /
ID: 28486
Date Call Received: 07/17/93
Region Close Date: / /

TC0135915.1r Page 22

Map ID / Direction / Distance / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

491 COURT ST (Continued) — S104916183

Material Spilled 1: GAS
Spill Cause: OIL LAND
Water Affected: Not reported
This is the most recent NY SPILLS record for this site.
Amount Spilled 1: 2 Gal
Resource Affected: ON LAND
Spill Source: OTHER COMMERCIAL/INDUSTRIAL

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

C10 | West | < 1/8 | 440 ft. | Relative: Higher | Actual: 6 ft.
IN A DRUM — NY Spills S103575272 / N/A
799 COURT ST
BROOKLYN, NY

Site 4 of 8 in cluster C

SPILLS:
Spill Number: 9812508 | Region of Spill: 2
Spill Date: 01/08/1999 22:10 | Reported to Dept: 01/09/99 23:02
ID: Not reported
DI Cat Received: Not reported | Region Close Date: Not reported
Material Spilled 1: Not reported | Amount Spilled 1: Not reported
Spill Cause: Unknown | Resource Affected: On Land
Water Affected: Not reported | Spill Source: Unknown
Facility Contact: Not reported | Facility Type: Not reported
Investigator: MULQUEEN | SWIS: 61
Caller Name: Not reported | Caller Agency: Not reported
Caller Phone: Not reported | Caller Extension: Not reported
Notifier Name: Not reported | Notifier Agency: Not reported
Notifier Phone: Not reported | Notifier Extension: Not reported
PBS: Not reported
Spiller Contact: OFR 377 | Spiller Phone: (718) 965-8300
Spiller: UNKNOWN
Spiller Address: Not reported
DEC Remarks: Not reported
Remark: FIRE CAME ACROSS DRUM OF UNKNOWN SUBSTANCE - UNKNOWN IF CONTAINED OR JUST IN A DRUM - HAZ MAT TEAM ENROUTE - INFORMATION WILL HAVE TO BE OBTAINED FROM OFR 377 AT BROOKLYN FD COMMUNICATIONS
Spill Close: Known release. Not expected to be fire or hazard. DEC Response. Unidentified/Responsible Party. Corrective action taken. (SW)

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: 2
Quantity Spilled: 55
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN HAZARDOUS MATERIAL
Class Type: Hazardous
Class Abstract Service Number: UNKNOWN HAZARDOUS MATERIAL
Last Date: 07/20/1994
How Many Material Entry In File: 2093
Spill Closed Dt: / /
Spill Notifier: Local Agency | PBS Number: Not reported

TC0135915.1r Page 23

Site | Database(s) | EDR ID Number / EPA ID Number

IN A DRUM (Continued) — S103575272

Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dtl: /
Investigation Completed: /
Spill Record Last Update: 01/13/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/13/99
Date Region Sent Summary to Central Office: / /
Time Data: Not reported
Cleanup Meets Std/Fdbk:
Enforcement Date: / /
UST Involvement: False

WITCO CORPORATION — NY Spills S103935773 / N/A
799 COURT STREET
BROOKLYN, NY

Site 5 of 8 in cluster C

SPILLS:
Spill Number: 9803441 | Region of Spill: 2
Spill Date: 06/17/1998 13:00 | Reported to Dept: 06/17/98 14:36
ID: Not reported
DI Cat Received: Not reported | Region Close Date: Not reported
Material Spilled 1: Not reported | Amount Spilled 1: Not reported
Spill Cause: Housekeeping | Resource Affected: Groundwater
Water Affected: Not reported | Spill Source: Other Commercial/Industrial
Facility Contact: AL NESHEIWAT | Facility Type: (SIC) 552-2479
Investigator: SKODNA | SWIS: 61
Caller Name: Not reported | Caller Agency: Not reported
Caller Phone: Not reported | Caller Extension: Not reported
Notifier Name: Not reported | Notifier Agency: Not reported
Notifier Phone: Not reported | Notifier Extension: Not reported
PBS: Not reported
Spiller Contact: Not reported | Spiller Phone: Not reported
Spiller: WITCO CORPORATION
Spiller Address: 1 AMERICAN LANE
GREENWICH, CT 06831
DEC Remarks: Not reported
Remark: GROUNDWATER AND SOIL CONTAMINATION FOUND DURING PHASE II SITE ASSESSMENT. UNKNOWN, CLEAR LIQUID ON GROUNDWATER. PETROLEUM SUSPECTED TO BE FUEL OIL, BUT CALLER NOT SURE. SAMPLES TAKEN FOR TESTING.
Close: Not reported

Tank:
ID: Not reported
Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: 1
Quantity Spilled: 6
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Class Abstract Service Number: UNKNOWN PETROLEUM

Map ID / Direction / Distance / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

WITCO CORPORATION (Continued) — S103439573

Last Date: 09/29/1994
How Many Material Entry In File: 16414
Material Class Type: 4
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN MATERIAL
Class Type: Unknown
Class Abstract Service Number: UNKNOWN MATERIAL
Last Date: 11/30/1994
How Many Material Entry In File: 5140
Spill Closed Dt: / /
Spill Notifier: Other | PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dtl: /
Investigation Completed: /
Spill Record Last Update: 09/13/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/17/96
Date Region Sent Summary to Central Office: / /
Time Data: Not reported
Cleanup Meets Std/Fdbk:
Enforcement Date: / /
UST Involvement: False

C12 | West | < 1/8 | 469 ft. | Relative: Higher | Actual: 6 ft.
WITCO CORPORATION (POLYMER ADDITIVES GRO — CBS ASI S104779571 / N/A
799 COURT STREET
BROOKLYN, NY 11231

Site 6 of 8 in cluster C

CBS ASI:
CBS Number: 2-000098 | Telephone: (718) 858-6894
Owner: CK WITCO
ONE AMERICAN WAY
BROOKLYN, NY 11231
(203) 552-2477
Facility Status: Active
Total Tanks: 6
Tank Status: 6
Tank Base Status: No Missing Data
Tank Location: Aboveground
Install Date: 02/87
Capacity (Gal): 4000
Tank Type: Stainless steel alloy
Substance: Single Hazardous Substance on DEC List
Exterior Protection: Fiberglass
Interior Protection: None
Tank Containment: Diking
Pipe Type: STAINLESS STEEL ALLOY | Pipe Location: Aboveground
Pipe Internal: None
Pipe External: Fiberglass
Pipe Containment: None | Haz Percent: 100
Leak Detection: None
Overfill Protection: Not reported
Chemical: Phenol
Tank Closed: 01/89

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

BROOKLYN UNIONIZED HOOK SATELLITE (Continued) — U041E9545

(718) 963-5446
Total Tanks: 6
Owner: BROOKLYN UNION
ONE METROTECH CENTER
BROOKLYN, NY 11201
(718) 403-3082
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner SubType: Not reported
Mailing Address: BROOKLYN UNION
ATTN: ENVIRONMENTAL OPERATIONS
287 MASPETH AVENUE
BROOKLYN, NY 11211
(718) 963-6543
Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 357 — Install Date: Not reported
Tank Type: Steel/carbon steel — Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported — Pipe Internal: Not reported
Pipe Location: 2 — Pipe Type: GALVANIZED STEEL
Tank External: SACRIFICIAL ANODE
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: OTHER
Leak Detection: NONE
Overfill Prot: 2 — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: False
Dead Letter: False — Owner Screen: No data missing
FAST: Fiscal amount for registration fee is correct
Total Capacity: 0 — Removal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: Minor data missing
Certification Flag: False — Certification Date: 08/02/1991
Old PBS Number: Not reported — Expiration Date: 12/14/1992
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 91
County Code: 61
Region: 2

PBS Number: 2-330643 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: FLEET SERVICES
(718) 963-5554
Emergency Contact: FLEET SERVICES
(718) 963-5446
Total Tanks: 6
Owner: BROOKLYN UNION
ONE METROTECH CENTER
BROOKLYN, NY 11201
(718) 403-3082

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

BROOKLYN UNIONIZED HOOK SATELLITE (Continued) — U041E9545

Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner SubType: Not reported
Mailing Address: BROOKLYN UNION
ATTN: ENVIRONMENTAL OPERATIONS
287 MASPETH AVENUE
BROOKLYN, NY 11211
(718) 963-6543
Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 358 — Install Date: Not reported
Tank Type: Steel/carbon steel — Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported — Pipe Internal: Not reported
Pipe Location: 2 — Pipe Type: GALVANIZED STEEL
Tank External: SACRIFICIAL ANODE
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: OTHER
Leak Detection: NONE
Overfill Prot: 2 — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: False
Dead Letter: False — Owner Screen: No data missing
FAST: Fiscal amount for registration fee is correct
Total Capacity: 0 — Removal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: Minor data missing
Certification Flag: False — Certification Date: 08/02/1991
Old PBS Number: Not reported — Expiration Date: 12/14/1992
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 91
County Code: 61
Region: 2

PBS Number: 2-330643 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: FLEET SERVICES
(718) 963-5554
Emergency Contact: FLEET SERVICES
(718) 963-5446
Total Tanks: 6
Owner: BROOKLYN UNION
ONE METROTECH CENTER
BROOKLYN, NY 11201
(718) 403-3082
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner SubType: Not reported
Mailing Address: BROOKLYN UNION
ATTN: ENVIRONMENTAL OPERATIONS
287 MASPETH AVENUE

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

BROOKLYN UNIONIZED HOOK SATELLITE (Continued) — U041E9545

BROOKLYN, NY 11211
(718) 963-5543
Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 004 — Install Date: Not reported
Tank Type: Steel/carbon steel — Product Stored: OTHER
Tank Internal: Not reported — Pipe Internal: Not reported
Pipe Location: 2 — Pipe Type: GALVANIZED STEEL
Tank External: SACRIFICIAL ANODE
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Product Level Gauge — Dispenser: Suction
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: False
Dead Letter: False — Owner Screen: No data mapping
FAST: Fiscal amount for registration fee is correct
Total Capacity: 0 — Removal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: Minor data missing
Certification Flag: False — Certification Date: 08/02/1991
Old PBS Number: Not reported — Expiration Date: 12/14/1992
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 91
County Code: 61
Region: 2

PBS Number: 2-330643 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: FLEET SERVICES
(718) 963-5554
Emergency Contact: FLEET SERVICES
(718) 963-5446
Total Tanks: 6
Owner: BROOKLYN UNION
ONE METROTECH CENTER
BROOKLYN, NY 11201
(718) 403-3082
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner SubType: Not reported
Mailing Address: BROOKLYN UNION
ATTN: ENVIRONMENTAL OPERATIONS
287 MASPETH AVENUE
BROOKLYN, NY 11211
(718) 963-6543
Tank Status: Closed - In Place
Capacity (gals): 30
Tank Location: UNDERGROUND
Tank Id: [illegible] — Install Date: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

BROOKLYN UNIONIZED HOOK SATELLITE (Continued) — U041E9545

Tank Type: Steel/carbon steel — Product Stored: OTHER
Tank Internal: NONE — Pipe Internal: Not reported
Pipe Location: 2 — Pipe Type: GALVANIZED STEEL
Tank External: SACRIFICIAL ANODE
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE/ANOME
Overfill Prot: None — Dispenser: None
Date Tested: Not reported — Next Test Date: Not reported
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: True
Dead Letter: False — Owner Screen: No data missing
FAST: Fiscal amount for registration fee is correct
Total Capacity: 0 — Removal Date: Not reported
Tank Screen: 0 — Federal ID: Not reported
Renew Flag: Renewal has not been printed — Facility Screen: Minor data missing
Certification Flag: False — Certification Date: 08/02/1991
Old PBS Number: Not reported — Expiration Date: 12/14/1992
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 91
County Code: 61
Region: 2

PBS Number: 2-330643 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: FLEET SERVICES
(718) 963-5554
Emergency Contact: FLEET SERVICES
(718) 963-5446
Total Tanks: 6
Owner: BROOKLYN UNION
ONE METROTECH CENTER
BROOKLYN, NY 11201
(718) 403-3082
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner SubType: Not reported
Mailing Address: BROOKLYN UNION
ATTN: ENVIRONMENTAL OPERATIONS
287 MASPETH AVENUE
BROOKLYN, NY 11211
(718) 963-6543
Tank Status: Closed - In Place
Capacity (gals): 30
Tank Location: UNDERGROUND
Tank Id: 918 — Install Date: Not reported
Tank Type: Steel/carbon steel — Product Stored: OTHER
Tank Internal: 0 — Pipe Internal: NONE
Pipe Location: None — Pipe Type: NONE
Tank External: SACRIFICIAL ANODE
Missing Data for Tank: Minor Data Missing
Pipe External: NONE/NONE

HAMILTON AVENUE YARD (Continued) U003074536

Date T: 12/01/1991 | Next Test Date: Not reported
Date Cl: Not reported | Test Method: Not reported
Deleted: False | Updated: True
Dead Letter: False | Owner Screen: Minor data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 78575 | Renewal Date: Not reported
Tank Screen: Minor data missing | Federal ID: Not reported
Renew Flag: Renewal has not been picked | Facility Screen: Minor data missing
Certification Flag: False | Certification Date: 12/2/2008
Old PBS Number: Not reported | Expiration Date: 08/17/2002
Inspected Date: Not reported | Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-258113 | CBS Number: Not reported
SPDES Number: Not reported | SWIS ID: 6101
Operator: FACILITY MANAGER (718) 786-2829
Emergency Contact: DOT-CONTROL RM (212) 442-7099
Total Tanks: 14
Owner: N.Y.C. D.O.T. 40 WORTH ST NEW YORK, NY 10017 (718) 793-7316
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: N.Y.C. D.O.T. FACIL. MAINTENANCE ATTN: VIVIAN MARCOVICI 89-46 SYBILLA STREET FOREST HILLS, NY 11375 (718) 793-7316

Tank Status: Closed - In Place
Capacity (gals): 1100
Tank Location: UNDERGROUND
Tank Id: 059 | Install Date: Not reported
Tank Type: Steel/carbon steel | Product Stored: DIESEL
Tank Internal: Not reported | Pipe Internal: Not reported
Pipe Location: Underground | Pipe Type: STEEL/IRON
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: NONE/BARE
Second Containment: NONE/VAULT
Leak Detection: NONE/NONE
Overfill Prot: None | Dispenser: Suction
Date Tested: 12/01/1991 | Next Test Date: Not reported
Date Closed: Not reported | Test Method: Not reported
Deleted: False | Updated: True
Dead Letter: False | Owner Screen: Minor data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 78575 | Renewal Date: Not reported

HAMILTON AVENUE YARD (Continued) U003074536

Tank Screen: Minor data missing | Federal ID: Not reported
Renew Flag: Renewal has not been picked | Facility Screen: Minor data missing
Certification Flag: False | Certification Date: 12/2/2008
Old PBS Number: Not reported | Expiration Date: 08/17/2002
Inspected Date: Not reported | Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-258113 | CBS Number: Not reported
SPDES Number: Not reported | SWIS ID: 6101
Operator: FACILITY MANAGER (718) 786-2829
Emergency Contact: DOT-CONTROL RM (212) 442-7099
Total Tanks: 14
Owner: N.Y.C. D.O.T. 40 WORTH ST NEW YORK, NY 10017 (718) 793-7316
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: N.Y.C. D.O.T. FACIL. MAINTENANCE ATTN: VIVIAN MARCOVICI 89-46 SYBILLA STREET FOREST HILLS, NY 11375 (718) 793-7316

Tank Status: Closed - In Place
Capacity (gals): 1100
Tank Location: UNDERGROUND
Tank Id: 060 | Install Date: Not reported
Tank Type: Steel/carbon steel | Product Stored: UNLEADED GASOLINE
Tank Internal: NONE | Pipe Internal: NONE
Pipe Location: Underground | Pipe Type: STEEL/IRON
Tank External: NONE/NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/VAULT
Leak Detection: NONE/NONE
Overfill Prot: None | Dispenser: Suction
Date Tested: 12/01/1991 | Next Test Date: Not reported
Date Closed: Not reported | Test Method: Not reported
Deleted: False | Updated: True
Dead Letter: False | Owner Screen: Minor data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 78575 | Renewal Date: Not reported
Tank Screen: Minor data missing | Federal ID: Not reported
Renew Flag: Renewal has not been picked | Facility Screen: Minor data missing
Certification Flag: False | Certification Date: 12/2/2008
Old PBS Number: Not reported | Expiration Date: 08/17/2002
Inspected Date: Not reported | Inspector: Not reported
Inspection Result: Not reported

HAMILTON AVENUE YARD (Continued) U003074536

Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-258113 | CBS Number: Not reported
SPDES Number: Not reported | SWIS ID: 6101
Operator: FACILITY MANAGER (718) 786-2829
Emergency Contact: DOT-CONTROL RM (212) 442-7099
Total Tanks: 14
Owner: N.Y.C. D.O.T. 40 WORTH ST NEW YORK, NY 10017 (718) 793-7316
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: N.Y.C. D.O.T. FACIL. MAINTENANCE ATTN: VIVIAN MARCOVICI 89-46 SYBILLA STREET FOREST HILLS, NY 11375 (718) 793-7316

Tank Status: Closed - In Place
Capacity (gals): 1100
Tank Location: UNDERGROUND
Tank Id: 049 | Install Date: Not reported
Tank Type: Steel/carbon steel | Product Stored: DIESEL
Tank Internal: 0 | Pipe Internal: NONE
Pipe Location: Underground | Pipe Type: STEEL/IRON
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: NONE/NONE
Second Containment: NONE/VAULT
Leak Detection: NONE/NONE
Overfill Prot: None | Dispenser: Suction
Date Tested: 12/01/1991 | Next Test Date: Not reported
Date Closed: Not reported | Test Method: Not reported
Deleted: False | Updated: True
Dead Letter: False | Owner Screen: Minor data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 78575 | Renewal Date: Not reported
Tank Screen: Minor data missing | Federal ID: Not reported
Renew Flag: Renewal has not been picked | Facility Screen: Minor data missing
Certification Flag: False | Certification Date: 12/2/2008
Old PBS Number: Not reported | Expiration Date: 08/17/2002
Inspected Date: Not reported | Inspector: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

HAMILTON AVENUE YARD (Continued) U003074536

This is the dead record NY PBS site for this site.

Click this hyperlink while viewing on your computer to access
5 additional NY PBS record(s) in the EDR Site Report.

PBS AST:
PBS Number: 2-258113 | CBS Number: Not reported
SPDES Number: Not reported | SWIS Code: 6101
Federal ID: Not reported | Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 280-14 tanks exist or not on the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T. 40 WORTH ST NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7099
Total Tanks: 14
Total Capacity: 78575
Tank ID: L04
Capacity (Gal): 550
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND 10% OR MORE BELOW GROUND
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: EXCAVATION LINER
Pipe Type: STEEL/IRON
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: WRAPPED (PIPING)
Leak Detection: IN-TANK SYSTEM
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: 12/01/1991 | Next Test Date: / /
Date Closed: 01/01/1997 | Test Method: Not reported
Updated: True | Deleted: False
Date Inspected: Not reported | Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 89-46 SYBILLA STREET FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner | Expiration Date: 08/17/2002
Certification Flag: False | Certification Date: 12/2/2008
Renew Flag: False | Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing

ENTENBUSH REC STAR CO STE 3 E
1 COURT ST
BROOKLYN NY

FINDS 1001233194
RCRA-LQG NYR000047795

H 3 of 5 h J

HCRAInfo:
Owner: HYGRADE OPERATORS INC
(212) 536-4412
EPA ID: NYR000052788
Contact: BRIAN BICKFORD
(718) 823-0743
Classification: Large Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

NYCDOT BIN 2233969
14TH ST OVER BELT PKWY
BROOKLYN, NY 11235

RCRA-SQG 1004913213
FINDS NYR000264023

RCRAInfo:
Owner: NYCDOT
(212) 788-2083
EPA ID: NYR000264023
Contact: JOHN ANZALONE
(212) 788-2083
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

E35 NYCDOT ASPHALT PLANT RCRA-SQG 1001233191
East 442 HAMILTON AVE FINDS NYR000500894
1/8-1/4 BROOKLYN, NY 11232
0.161 ft.

Site 1 of 3 in cluster E

Relative: Equal

RCRAInfo:
Owner: NON REGULATED
(718) 965-1213
Actual: 2 ft. EPA ID: NYR000500894
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Automatic Information Retrieval System/URS Facility Subsystem
Resource Conservation and Recovery Act Information system

E21 NYCDOT HAMILTON YARD LTANKS S104177473
East 442 HAMILTON AVE N/A
1/8-1/4 BKLYN, NY
0.161 ft.

Site 2 of 3 in cluster E

Relative: Equal

Actual: 2 ft.

LTANKS:
Spill Number: 9103285 Region of Spill: 2
Spill Date: 12/11/1991 08:30 Reported to Dept: 12/13/91 05:10
ID: Not reported Date Call Received/Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Region Close Dt: Not reported
Reason Affects: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported Facility Tele: Not reported
Investigator: KRAGOLG SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: NYCDOT HAMILTON YARD
Spiller Address: Not reported
Spill Class: Release release that creates a fire or hazard, DEC Responds, Willful Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 09/07/95
Is Updated: False

NYCDOT HAMILTON YARD (Continued) S104177473

Corrective Action Plan Submitted: / /
Tank Date: Not reported
Date Spill Entered In Computer Data File: 9104092
Date Region Last Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num These Material Entry In File: 21379
DEC Remarks: Not reported
Spill Cause: THRESM 359 9; WILL REPAIR RETEST.

HAMILTON AVENUE YARD UST U003974539
448 HAMILTON AVE AST N/A
BROOKLYN, NY 11232

Site 2 of 3 in cluster E

PBS UST:
PBS Number: 2-258113 CBS Number: Not reported
SPDES number: Not reported SWIS ID: 5101
Operator: FACILITY MANAGER
(718) 786-2829
Emergency Contact: DOT-CONTROL Rm
(212) 442-7099
Total Tanks: 14
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
(718) 793-7316
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: N.Y.C. D.O.T. FACIL. MAINTENANCE
ATTN: VIVIAN MARCOVICI
47-44 SYBILLA STREET
FOREST HILLS, NY 11375
(718) 793-7316
Tank Status: Closed - Removed
Capacity (gals): 1100
Tank Location: UNDERGROUND
Tank Id: U-5 Install Date: Not reported
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: 1 Pipe Type: STEEL/IRON

HAMILTON AVENUE YARD (Continued) U003974539

Tank Internal: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: WRAPPED (PIPING)
Second Containment: EXCAVATION LINER
Leak Detection: IN-TANK SYSTEM
Overfill Prot: Product Level Gauge Dispenser: Suction
Date Tested: 10/01/1991 Most Test Date: Not reported
Date Closed: 01/01/1999 Test Method: Not reported
Deleted: False Updated: True
Dead Letter: False Owner Screen: Minor data missing
FAME: Fatal amount for registration fee is incorrect
Total Capacity: 78575 Removal Date: Not reported
Tank Status: Minor data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: Minor data missing
Certification Flag: False Certification Date: 12/12/2000
Old PBS Number: Not reported Expiration Date: 06/17/2002
Inspection Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Lettergr: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 61
County Code: 2
Region: 2

PBS Number: 2-258113 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 5101
Operator: FACILITY MANAGER
(718) 786-2829
Emergency Contact: DOT-CONTROL Rm
(212) 442-7099
Total Tanks: 14
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
(718) 793-7316
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: N.Y.C. D.O.T. FACIL. MAINTENANCE
ATTN: VIVIAN MARCOVICI
47-44 SYBILLA STREET
FOREST HILLS, NY 11375
(718) 793-7316
Tank Status: Closed - In Place
Capacity (gals): 1100
Tank Location: UNDERGROUND
Tank Id: U-5 Install Date: Not reported
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: STEEL/IRON
Tank External: NONE/NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/WALL
Leak Detection: NONE/NONE
Overfill Prot: None Dispenser: Suction

HAMILTON AVENUE YARD (Continued) U003074539

Tank: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7090
Total Tanks: 14
Total Capacity: 28575
Tank ID: 001
Capacity (Gal): 275
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: KEROSENE
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Internal: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 58-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/27/2000
Renew Flag: False — Renew Date: / /
Last Long: Not reported
Deed Letter: False

HAMILTON AVENUE YARD (Continued) U003074539

Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7090
Total Tanks: 14
Total Capacity: 28575
Tank ID: 002
Capacity (Gal): 275
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: KEROSENE
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Internal: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 58-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/27/2000
Renew Flag: False — Renew Date: / /

HAMILTON AVENUE YARD (Continued) U003074539

Facility Screen: Not reported
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7090
Total Tanks: 14
Total Capacity: 28575
Tank ID: 003
Capacity (Gal): 15000
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: CONCRETE DIKE
Pipe Type: GALVANIZED STEEL
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: JACKETED
Leak Detection: NONE
Overfill Protection: Other
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 58-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/27/2000
Renew Flag: False — Renew Date: / /
Last Long: Not reported
Deed Letter: False

HAMILTON AVENUE YARD (Continued) U003074539

Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7090
Total Tanks: 14
Total Capacity: 28575
Tank ID: 004
Capacity (Gal): 15000
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: CONCRETE DIKE
Pipe Type: GALVANIZED STEEL
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: JACKETED
Leak Detection: NONE
Overfill Protection: Other
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 58-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI

HAMILTON AVENUE YARD (Continued) U003874539

Owner Mailed: Surface
Date Tested: / /
Date Closed: / /
Updated: Yes
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 58-45 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
LatLong: Not reported
Quad Letter: False
Facility Street: Minor data missing
Owner Street: Minor data missing
Tank Street: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported

Expiration Date: 08/17/2008
Certification Date: 12/13/2007
Renew Date: / /

PBS Number: 2-258153
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Setpart 360-14 tanks exist or not at the facility.

CBS Number: Not reported
SWIS Code: 4101
Previous PBS#: Not reported

Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10013
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-0029
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7750
Total Tanks: 14
Total Capacity: 76370
Tank ID: 014
Capacity (Gal): 275
Missing Data for Tank: : Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: NONE
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Internal: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: None

033 AMERADA HESS CORP.-BROOKLYN TERMINAL CBS AST S103543797
WSW 722 COURT STREET NY Spills N/A
1/8-1/4 BROOKLYN, NY 11231
0.111 ft.

Site 2 of 6 in cluster D

Relative: Higher

Actual: 4 ft.

SPILLS:
Spill Number: 0402106 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 05/26/94 Reported to Dept: / /
ID: 41459
Date Call Received: 06/26/94
Region Close Date : 05/26/94
Material Spilled 1 : #6 FUEL OIL Amount Spilled 1 : 15 Gal.
Spill Cause: OIL LAND Resource Affected: OIL LAND
Water Affected: Not reported Spill Source: COMMERCIAL VEHICLE
This is the most recent NY SPILLS record for this site.

Click_this_hyperlink while viewing on your computer to access additional NY SPILLS details in the EDR Site Report.

CBS AST:
CBS Number: 2-000358 Telephone: (718) 330-1466
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
(732) 750-6000
Facility Status: Active
Total Tanks: 3
Tank Status: In Service
Tank Error Status: No Missing Data
Tank Location: Aboveground
Install Date: 0543

AMERADA HESS CORP.-BROOKLYN TERMINAL (Continued) S103543787

Capacity (Gal): 2000
Tank Type: Steel/carbon steel
Substance: More than one Hazardous Substance on DEC List
Coated Protection: Painted/Asphalt Coating
Inlet Protection: None
Tank Containment: Other
Pipe Type: STEEL/IRON
Pipe Location: Aboveground/Underground Combination
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Pipe Containment: None
Not Pumped: 10
Leak Detection: None/Other
Overfill Protection: Not reported
Chemical: Styrene, ethyl
Tank Closed: Not reported
PBS Number: Not reported
SWIS Code: 5101
Federal ID: Not reported
MOSF Number: 2-1539
CAS Number: 107211
SPDES Number: 9-310001
ICS Number: Not reported
Facility Type: Storage Terminal
Operator: MICHAEL BROUGHAM
Facility Town: NEW YORK CITY
Emergency Contact: ALAN BODAK
Emergency Phone: (732) 750-6000
Certified Date: 05/23/2003
Expiration Date: 05/07/2023
Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: AMERADA HESS CORP
Mail Contact: HOWARD GOLDMAN
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mail Phone: (732) 750-6000
Tank Secret: False
Last Test: Not reported
Pipe Flag: False
Owner Date: Not reported
Is 1 Pipe: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): 2009
Lowest Tank Id Number: 04 FOAM 1
Pre-Printed Renewal App Form Was Last Printed: 02/12/2001

Data Entered: 06/07/1999 14:40:53
Due Date: Not reported
Owner Mark: 1
Date Evicted: Not reported
Is Updated: False

AMERADA HESS CORPORATION BROOKLYN TERMINAL
722 COURT STREET AND GOWANUS CREEK
BROOKLYN, NY 11231

Site 2 of 6 in cluster D

RCRA-SQG 1000352834
FINDS NYD986861756
MOSF UST
LTANKS
NY Spills
MOSF AST

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000352834

RCRAdata:
Owner: AMERADA HESS CORP
(617) 558-1212
EPA ID: NYD986861756
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click_this_hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Automated Information Retrieval System/ARS Facility Subsystem
National Emission Inventory
Permit Compliance System
Resource Conservation and Recovery Act Information system
Toxics Release Inventory

SPILLS:
Spill Number: S296217 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 11/07/92 Reported to Dept: / /
ID: 14742
Date Call Received: 11/07/92
Region Close Date : 12/09/92
Material Spilled 1 : HYDRAULIC OIL Amount Spilled 1 : 10 Gal.
Spill Cause: SURFACE WATER Resource Affected: SURFACE WATER
Water Affected: GOWANUS BAY Spill Source: MAJOR FACILITY 400,000 GAL
This is the most recent NY SPILLS record for this site.

Click_this_hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

MOSF UST:
Facility ID: 2-1539 Facility Status: ACTIVE FACILITY
SWIS Code: 51 Facility Town: NEW YORK CITY
Tank Status: In Service Federal Id No: Not reported
Operator: MIKE BROUGHAM Contact Phone: (718) 330-1184
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 EDL Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
111 EIGHTH AVENUE
NEW YORK, NY 10011
Date Filed: 0/00 EES Number: 1 000755

TON AVE (Continued) U003074539

Reg Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/23/2000
Renew Flag: False — Renew Date: / /
Reg Lang: Not reported
Mail Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 05
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7099
Total Tanks: 14
Total Capacity: 78575
Tank ID: 005
Capacity (Gal): 20000
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Interior: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: CONCRETE DIKE
Pipe Type: GALVANIZED STEEL
Pipe Location: Not reported
Pipe Interior: Not reported
Pipe External: JACKETED
Leak Detection: NONE
Overfill Protection: Other
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: Tank — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 69-46 SYBILLA STREET

HAMILTON AVENUE YARD (Continued) U003074539

FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/23/2000
Renew Flag: False — Renew Date: / /
Reg Lang: Not reported
Mail Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 05
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7099
Total Tanks: 14
Total Capacity: 78575
Tank ID: 006
Capacity (Gal): 20000
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: / /
Tank Interior: NONE
Tank External: SACRIFICIAL ANODE
Tank Containment: CONCRETE DIKE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Interior: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: Other
Dispenser Method: Gravity
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: Tank — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported

HAMILTON AVENUE YARD (Continued) U003074539

Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 69-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/23/2000
Renew Flag: False — Renew Date: / /
Reg Lang: Not reported
Mail Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 05
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7099
Total Tanks: 14
Total Capacity: 78575
Tank ID: 612
Capacity (Gal): 275
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Interior: NONE
Tank External: NONE
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Interior: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: None
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: Tank — Deleted: False

HAMILTON AVENUE YARD (Continued) U003074539

Date Inspected: Not reported — Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: N.Y.C. D.O.T. FACIL. MAINTENANCE
Mailing Address: 69-46 SYBILLA STREET
FOREST HILLS, NY 11375
Mailing Contact: VIVIAN MARCOVICI
Mailing Telephone: (718) 793-7316
Owner Mark: First Owner — Expiration Date: 08/17/2002
Certification Flag: False — Certification Date: 12/23/2000
Renew Flag: False — Renew Date: / /
Reg Lang: Not reported
Mail Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 05
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-258113 — CBS Number: Not reported
SPDES Number: Not reported — SWIS Code: 6101
Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Local Government
Owner Sub Type: The City of New York
Owner: N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017
Owner Phone: (718) 793-7316
Facility Phone: (718) 786-2829
Operator: FACILITY MANAGER
Emergency Name: DOT-CONTROL RM
Emergency Phone: (212) 442-7099
Total Tanks: 14
Total Capacity: 78575
Tank ID: 613
Capacity (Gal): 275
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: / /
Tank Interior: NONE
Tank External: NONE
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Interior: Not reported
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: None
Dispenser Method: Suction
Date Tested: / / — Next Test Date: / /

HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000352234

Eng Contact: MIKE BROUGHAM (718) 330-1468
SPDES Num: 8-110001
Total Tanks: 10
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583000
License Issued: 04/01/2001
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Appln Rcvd: 01/05/2001
Tank Location: Underground
Install Date: 03/00
Product: Hea, 1, 2, or 4 Fuel Oil
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: 24
Test Date: 10/94
Lat/Long: 40[40] 1 / 74[00]
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: AC
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Facility ID: 2-1520
SWIS Code: 61
Tank Status: In Service
Operator: MIKE BROUGHAM
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28
Emerg Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 8-110001
Total Tanks: 10
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583000
License Issued: 04/01/2001
Facility Type: Storage Terminal

Total Capacity: 29191556
License Stat: Issued
Expiration Date: 03/31/2002

Tank ID: 9401

Capacity (Gal): 1713236
Tank Internal: Epoxy Liner

Pipe Type: STEEL/IRON
Dispenser: Suction

Date Closed: 00/00

Operator Name: MIKE BROUGHAM
Operator Name: MIKE BROUGHAM
License Issued: 04/01/2001
Renew Date: 11/08/2001
Renew Flag: True

Facility Status: ACTIVE FACILITY
Facility Town: NEW YORK CITY
Federal Id No: Not reported
Contact Phone: (718) 330-1468

Owner Type: UNDEFINED

COI Date: / /

CBS Number: 2-000355

Total Capacity: 29191556

License Stat: Issued
Expiration Date: 03/31/2002

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000352234

Transfer Operation: Tank Truck, Vessel/Barge
Appln Rcvd: 01/05/2001
Tank Location: Underground
Install Date: 03/00
Product: Hea, 1, 2, or 4 Fuel Oil
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: 24
Test Date: 10/94
Lat/Long: 40[40] 1 / 74[00]
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: AC
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Facility ID: 2-1520
SWIS Code: 61
Tank Status: In Service
Operator: MIKE BROUGHAM
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28
Emerg Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 8-110001
Total Tanks: 10
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583000
License Issued: 04/01/2001
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Appln Rcvd: 01/05/2001
Tank Location: Underground
Install Date: 09/89
Product: Hea, 1, 2, or 4 Fuel Oil
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground

Tank ID: 9402

Capacity (Gal): 250000
Tank Internal: Epoxy Liner

Pipe Type: STEEL/IRON
Dispenser: Suction

Date Closed: 00/00

Operator Name: MIKE BROUGHAM
Operator Name: MIKE BROUGHAM
License Issued: 04/01/2001
Renew Date: 11/08/2001
Renew Flag: True

Facility Status: ACTIVE FACILITY
Facility Town: NEW YORK CITY
Federal Id No: Not reported
Contact Phone: (718) 330-1468

Owner Type: UNDEFINED

COI Date: / /

CBS Number: 2-000355

Total Capacity: 29191556

License Stat: Issued
Expiration Date: 03/31/2002

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000352234

Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Test Date: 12/00
Lat/Long: 40[40] 1 / 74[00]
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: AC
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Facility ID: 2-1520
SWIS Code: 61
Tank Status: In Service
Operator: MIKE BROUGHAM
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28
Emerg Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 8-110001
Total Tanks: 10
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583000
License Issued: 04/01/2001
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Appln Rcvd: 01/05/2001
Tank Location: Underground
Install Date: 1984
Product: Hea, 1, 2, or 4 Fuel Oil
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Internal: Above
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Test Date: 12/00
Lat/Long: 40[40] 1 / 74[00]
Inspected Date: 07/29/1997

Dispenser: Suction

Date Closed: Not reported

Operator Name: MIKE BROUGHAM
Operator Name: MIKE BROUGHAM
License Issued: 04/01/2001
Renew Date: 11/08/2001
Renew Flag: True

Facility Status: ACTIVE FACILITY
Facility Town: NEW YORK CITY
Federal Id No: Not reported
Contact Phone: (718) 330-1468

Owner Type: UNDEFINED

COI Date: / /

CBS Number: 2-000355

Total Capacity: 29191556

License Stat: Issued
Expiration Date: 03/31/2002

Tank ID: 9404

Capacity (Gal): 1713236
Tank Internal: Epoxy Liner

Pipe Type: STEEL/IRON
Dispenser: Suction

Date Closed: 00/00

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000352234

Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: AC
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Facility ID: 2-1520
SWIS Code: 61
Tank Status: In Service
Operator: MIKE BROUGHAM
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28
Emerg Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 8-110001
Total Tanks: 10
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583000
License Issued: 04/01/2001
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Appln Rcvd: 01/05/2001
Tank Location: Underground
Install Date: 1949
Product: Hea, 1, 2, or 4 Fuel Oil
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Test Date: 10/94
Lat/Long: 40[40] 1 / 74[00]
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: AC
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Facility ID: 2-1520

Operator Name: MIKE BROUGHAM
Operator Name: MIKE BROUGHAM
License Issued: 04/01/2001
Renew Date: 11/08/2001
Renew Flag: True

Facility Status: ACTIVE FACILITY

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1009183234

SWF: 81 | Facility Town: NEW YORK CITY
Tank: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 330-1468
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | COI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28 | CBS Number: 2-000355
Energy Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 9-110001
Total Tanks: 70 | Total Capacity: 25191558
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583008 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apple Rent: 01/01/2001 | Tank ID: 9408
Tank Location: Underground
Install Date: 01/53 | Capacity (Gal): 7281372
Product: Nos. 5, 2, or 4 Fuel Oil | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Pipe Location: Aboveground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Submersible
Pipe Exterior: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Test Date: 03/97 | Date Closed: Not reported
Lat/Long: 40[40]1 / 74[02]2
Inspected Date: 02/28/1997
Inspector Initials: AS
Owner Mark: 1 | Operator Name: MIKE BROUGHAM
Pred Xfer Options: AC | Operator Name: MIKE BROUGHAM
Inspector Status: Not reported | License Issued: 04/01/2001
Vessel Id: Not reported | Renew Date: 12/06/2001
Pipe Flag: True | Renew Flag: True

Facility ID: 2-1539 | Facility Status: ACTIVE FACILITY
SWIS Code: 81 | Facility Town: NEW YORK CITY
Tank Status: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 330-1468
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1009183234

1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | COI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28 | CBS Number: 2-000355
Energy Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 9-110001
Total Tanks: 70 | Total Capacity: 25191558
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583008 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apple Rent: 01/01/2001 | Tank ID: 9416
Tank Location: Underground
Install Date: 01/53 | Capacity (Gal): 7281372
Product: Nos. 5, 2, or 4 Fuel Oil | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Pipe Location: Aboveground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Submersible
Pipe Exterior: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Test Date: 03/97 | Date Closed: Not reported
Lat/Long: 40[40]1 / 74[02]2
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1 | Operator Name: MIKE BROUGHAM
Pred Xfer Options: AC | Operator Name: MIKE BROUGHAM
Inspector Status: Not reported | License Issued: 04/01/2001
Vessel Id: Not reported | Renew Date: 11/06/2001
Pipe Flag: True | Renew Flag: True

Facility ID: 2-1539 | Facility Status: ACTIVE FACILITY
SWIS Code: 81 | Facility Town: NEW YORK CITY
Tank Status: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 330-1468
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | COI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1009183234

Date Filed: 02/28 | CBS Number: 2-000355
Energy Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 9-110001
Total Tanks: 70 | Total Capacity: 25191558
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583008 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apple Rent: 01/01/2001 | Tank ID: 9416
Tank Location: Underground
Install Date: 01/53 | Capacity (Gal): 7281372
Product: Nos. 5, 2, or 4 Fuel Oil | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Submersible
Pipe Exterior: None
Second Contain: None
Leak Detection: Other
Overfill Protection: None
Test Date: Not reported | Date Closed: 03/09
Lat/Long: 40[40]1 / 74[02]2
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1 | Operator Name: MIKE BROUGHAM
Pred Xfer Options: AC | Operator Name: MIKE BROUGHAM
Inspector Status: Not reported | License Issued: 04/01/2001
Vessel Id: Not reported | Renew Date: 11/06/2001
Pipe Flag: True | Renew Flag: True

Facility ID: 2-1539 | Facility Status: ACTIVE FACILITY
SWIS Code: 81 | Facility Town: NEW YORK CITY
Tank Status: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 330-1468
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | COI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28 | CBS Number: 2-000355
Energy Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 9-110001
Total Tanks: 70 | Total Capacity: 25191558
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583008 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1009183234

Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apple Rent: 01/01/2001 | Tank ID: 9417
Tank Location: Underground
Install Date: 01/53 | Capacity (Gal): 5000
Product: Nos. 5, or 6 Fuel Oil | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Submersible
Pipe Exterior: None
Second Contain: None
Leak Detection: Other
Overfill Protection: None
Test Date: Not reported | Date Closed: 05/09
Lat/Long: 40[40]1 / 74[02]2
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1 | Operator Name: MIKE BROUGHAM
Pred Xfer Options: AC | Operator Name: MIKE BROUGHAM
Inspector Status: Not reported | License Issued: 04/01/2001
Vessel Id: Not reported | Renew Date: 11/06/2001
Pipe Flag: True | Renew Flag: True

Facility ID: 2-1539 | Facility Status: ACTIVE FACILITY
SWIS Code: 81 | Facility Town: NEW YORK CITY
Tank Status: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 330-1468
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | COI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Filed: 02/28 | CBS Number: 2-000355
Energy Contact: MIKE BROUGHAM, (718) 330-1468
SPDES Num: 9-110001
Total Tanks: 70 | Total Capacity: 25191558
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 583008 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apple Rent: 01/01/2001 | Tank ID: 9518
Tank Location: Underground
Install Date: 00/00 | Capacity (Gal): 5000
Product: Nos. 5, or 6 Fuel Oil | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating

MAP FINDINGS

		Database(s)	EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) — 1000352824

Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Containment:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	UNKWN
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1468
Owner:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095 ATTN: PETER HAID (732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1468		
SPDES Num:	8-110001		
Total Tanks:	10	Total Capacity:	20191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	983000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operations:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	3517
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	5000
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Containment:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	UNKOWN
Lat/Long:	40|40|1 / 74|0|2		

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) — 1000352824

Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1468
Owner:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095 ATTN: PETER HAID (732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1468		
SPDES Num:	8-110001		
Total Tanks:	10	Total Capacity:	20191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operations:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	A
Tank Location:	Underground		
Install Date:	00/88	Capacity (Gal):	54000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Containment:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	06/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True

MAP FINDINGS

Site		Database(s)	EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) — 1000352824

Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1468
Owner:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095 ATTN: PETER HAID (732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1468		
SPDES Num:	8-110001		
Total Tanks:	10	Total Capacity:	20191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	983000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operations:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	B
Tank Location:	Underground		
Install Date:	00/70	Capacity (Gal):	54000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Containment:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	06/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1468
Owner:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095		

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) — 1000352824

Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095 ATTN: PETER HAID (732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1468		
SPDES Num:	8-110001		
Total Tanks:	10	Total Capacity:	20191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	983000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operations:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	C
Tank Location:	Underground		
Install Date:	00/88	Capacity (Gal):	54000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Containment:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	05/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1468
Owner:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION 1 HESS PLAZA WOODBRIDGE, NJ 07095 ATTN: PETER HAID (732) 750-6000		
Owner Status:	1	COI Date:	/ /

Site | Database(s) | EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004352824

	277 PARK AVENUE		
	NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1458		
SPDES Num:	0-110001		
Total Tanks:	10	Total Capacity:	29191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	0
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	54000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	05/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1458
Owner:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
	ATTN: PETER HAID		
	(732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM		
	277 PARK AVENUE		
	NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1458		
SPDES Num:	0-110001		
Total Tanks:	10	Total Capacity:	29191558
Tank Status:	In Service		
Status of Data:	Minor Errors		

Map ID / Direction / Distance / Distance (ft.) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004352824

Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	0P
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	73000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	05/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1458
Owner:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
	ATTN: PETER HAID		
	(732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM		
	277 PARK AVENUE		
	NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1458		
SPDES Num:	0-110001		
Total Tanks:	10	Total Capacity:	29191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	OR
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	73000
Product:	Empty	Tank Internal:	None

Map ID / Direction / Distance / Distance (ft.) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004352824

Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	05/92
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1458
Owner:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
	ATTN: PETER HAID		
	(732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM		
	277 PARK AVENUE		
	NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1458		
SPDES Num:	0-110001		
Total Tanks:	10	Total Capacity:	29191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	5
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	92000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		

Map ID / Direction / Distance / Distance (ft.) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004352824

Test Date:	Not reported	Date Closed:	12/91
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	11/08/2001
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1520	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	MIKE BROUGHAM	Contact Phone:	(718) 330-1458
Owner:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
Owner Tel:	(732) 750-6000	Owner Type:	UNDEFINED
Mail To:	AMERADA HESS CORPORATION		
	1 HESS PLAZA		
	WOODBRIDGE, NJ 07095		
	ATTN: PETER HAID		
	(732) 750-6000		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM		
	277 PARK AVENUE		
	NEW YORK, NY 10017		
Date Filed:	02/28	CBS Number:	2-000355
Emerg Contact:	MIKE BROUGHAM, (718) 330-1458		
SPDES Num:	0-110001		
Total Tanks:	10	Total Capacity:	29191558
Tank Status:	In Service		
Status of Data:	Minor Errors		
Avg Throughput:	583000	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	E
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	54000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Not reported
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	12/91
Lat/Long:	40|40|1 / 74|0|2		
Inspected Date:	07/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	MIKE BROUGHAM
Prod Xfer Options:	AC	Operator Name:	MIKE BROUGHAM
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	[illegible]

AMERADA ... RPORATION BROOKLYN TERMINAL (Continued) 1004552834

Pipe Flag: True | Renew Flag: True

Facility ID: 2-1539 | Facility Status: ACTIVE FACILITY
SWIS Code: 61 | Facility Town: NEW YORK CITY
Tank Status: In Service | Federal Id No: Not reported
Operator: MIKE BROUGHAM | Contact Phone: (718) 339-1466
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07725
Owner Tel: (732) 750-6000 | Owner Type: UNDEFINED
Mail To: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
ATTN: PETER HAID
(732) 750-6000
Owner Status: 1 | CDI Date: / /
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017

Date Filed: 02/20 | CBS Number: 2-000355
Emerg Contact: MIKE BROUGHAM, (718) 339-1466
SPDES Num: 9-110001
Total Tanks: 16 | Total Capacity: 29191558
Tank Status: In Service
Status of Data: Minor Errors
Avg Throughput: 583000 | License Stat: Issued
License Issued: 04/01/2001 | Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Apply Renl: 01/05/2001 | Tank ID: F
Tank Location: Underground
Install Date: 00/00 | Capacity (Gal): 84000
Product: Other | Tank Interior: None
Tank Type: Steel/carbon steel
Tank Exterior: None
Pipe Location: Underground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Not reported
Pipe Exterior: None
Second Contain: None
Leak Detection: None
Overfill Protection: None
Test Date: Not reported | Date Closed: 12/01
Lat/Long: 40[illegible] / 74[illegible]
Inspected Date: 07/29/1997
Inspector Initials: AS
Owner Mark: 1 | Operator Name: MIKE BROUGHAM
Prod Xfer Options: AC | Operator Name: MIKE BROUGHAM
Inspector Status: Not reported | License Issued: 04/01/2001
Vessel Id: Not reported | Renew Date: 11/05/2001
Pipe Flag: True | Renew Flag: True

MOSF AST:
MOSF Number: 2-1539 | Telephone: (718) 339-1466
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: AMERADA HESS CORPORATION

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004552834

1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Owner Type: Corporate/Commercial
Tank Status: In Service | Tank ID: 9411
Total Tanks: 16 | Daily Throughput 583000 Gal(s)
Tank Location: Aboveground
Install Date: 01/68 | Total Capacity: 29191558
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Tank Interior: None
Product: Misc. 5, or 6 Fuel Oil | Capacity (gal): 4331140
Status of Data: Complete
Pipe Location: Aboveground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Suction
Pipe Exterior: Painted/Asphalt Coating
Second Contain: Prefab/coated Steel Dike
Leak Detection: None
Overfill Protection: 24
Test Date: 07/88 | Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 | Facility Town: NEW YORK CITY
Mailing Name: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mailing Contact: PETER HAID
Mailing Phone: (732) 750-6000
Pipe Flag: True
Renew Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017

Date Legal Agent Filed with Secretary of State: 03/29
Name of Emergency Contact: MIKE BROUGHAM
Emergency Contact Telephone: (718) 339-1466
Chemical Bulk Storage Number: 2-000355
Pollution Discharge Elimination System Num: 9-110001
License Status: Licenses Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (excluding off-shore platform)

Operator Name: MIKE BROUGHAM
Lat/Long: 40[illegible] / 74[illegible]
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 07/29/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2002
Renew Date: 11/05/2001
Inspector Initials: AS
CDI Date: / /

MOSF Number: 2-1539 | Telephone: (718) 339-1466
Federal ID: Not reported
Facility Type: Storage Terminal

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004552834

Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Owner Type: Corporate/Commercial
Tank Status: In Service | Tank ID: 9417
Total Tanks: 16 | Daily Throughput 583000 Gal(s)
Tank Location: Aboveground
Install Date: 01/72 | Total Capacity: 29191558
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Tank Interior: None
Product: Misc. 5, or 6 Fuel Oil | Capacity (gal): 5948024
Status of Data: Complete
Pipe Location: Aboveground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Suction
Pipe Exterior: Painted/Asphalt Coating
Second Contain: Prefab/coated Steel Dike
Leak Detection: None
Overfill Protection: 24
Test Date: 05/89 | Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 | Facility Town: NEW YORK CITY
Mailing Name: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mailing Contact: PETER HAID
Mailing Phone: (732) 750-6000
Pipe Flag: True
Renew Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017

Date Legal Agent Filed with Secretary of State: 03/29
Name of Emergency Contact: MIKE BROUGHAM
Emergency Contact Telephone: (718) 339-1466
Chemical Bulk Storage Number: 2-000355
Pollution Discharge Elimination System Num: 9-110001
License Status: Licenses Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (excluding off-shore platform)

Operator Name: MIKE BROUGHAM
Lat/Long: 40[illegible] / 74[illegible]
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 07/29/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2002
Renew Date: 11/05/2001
Inspector Initials: AS
CDI Date: / /

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1004552834

MOSF Number: 2-1539 | Telephone: (718) 339-1466
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Owner Type: Corporate/Commercial
Tank Status: In Service | Tank ID: 9413
Total Tanks: 16 | Daily Throughput 583000 Gal(s)
Tank Location: Aboveground
Install Date: 01/74 | Total Capacity: 29191558
Tank Type: Steel/carbon steel
Tank Exterior: Painted/Asphalt Coating
Tank Interior: None
Product: Misc. 5, or 6 Fuel Oil | Capacity (gal): 4328219
Status of Data: Complete
Pipe Location: Aboveground | Pipe Type: STEEL/IRON
Pipe Interior: None | Dispenser: Suction
Pipe Exterior: Painted/Asphalt Coating
Second Contain: Prefab/coated Steel Dike
Leak Detection: None
Overfill Protection: 24
Test Date: 07/91 | Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 | Facility Town: NEW YORK CITY
Mailing Name: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mailing Contact: PETER HAID
Mailing Phone: (732) 750-6000
Pipe Flag: True
Renew Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017

Date Legal Agent Filed with Secretary of State: 03/29
Name of Emergency Contact: MIKE BROUGHAM
Emergency Contact Telephone: (718) 339-1466
Chemical Bulk Storage Number: 2-000355
Pollution Discharge Elimination System Num: 9-110001
License Status: Licenses Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (excluding off-shore platform)

Operator Name: MIKE BROUGHAM
Lat/Long: 40[illegible] / 74[illegible]
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 07/29/1997
Owner Status: 1
Owner Mark: 1

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000333234

Owner: 11/04/2001
Image: All
COI: / /

MOSF Number: 2-1538 Telephone: (718) 330-1468
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 9414
Total Tanks: 38 Daily Throughput 582000 Gal(s)
Tank Location: Aboveground
Install Date: 02/77 Total Capacity: 23191556
Tank Type: Steel/carbon steel
Tank Bottom: Painted/Asphalt Coating
Tank Internal: None
Product: Nos. 1, 2, or 4 Fuel Oil Capacity (gal): 5845108
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Painted/Asphalt Coating
Secnd Contain: Partial/Limited Steel Dike
Leak Detection: Double Bottom
Overfill Protection: 24
Test Date: 06/06 Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mailing Contact: PETER HAID
Mailing Phone: (732) 750-6000
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State: 02/20
Name of Emergency Contact: MIKE BROUGHAM
Emergency Contact Telephone: (718) 330-1468
Chemical Bulk Storage Number: 2-000366
Pollution Discharge Elimination System Num: 0-130001
License Status: License Issued
Date License Application Received: 01/07/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)

Operator Name: MIKE BROUGHAM
Lat/Long: 40[deg] 77'00"/2
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 07/29/1997

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000333234

Owner Status: 1
Owner Mnth: 1
LIC Expires: 03/01/2002
Renew Date: 11/06/2001
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1538 Telephone: (718) 330-1468
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner Tel: (732) 750-6000
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 9415
Total Tanks: 38 Daily Throughput 582000 Gal(s)
Tank Location: Aboveground
Install Date: Not reported Total Capacity: 23191556
Tank Type: Steel/carbon steel
Tank Bottom: None
Tank Internal: None
Product: Diesel Capacity (gal): 1098
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: None
Secnd Contain: None
Leak Detection: None
Overfill Protection: 24
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095
Mailing Contact: PETER HAID
Mailing Phone: (732) 750-6000
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State: 02/20
Name of Emergency Contact: MIKE BROUGHAM
Emergency Contact Telephone: (718) 330-1468
Chemical Bulk Storage Number: 2-000366
Pollution Discharge Elimination System Num: 0-130001
License Status: License Issued
Date License Application Received: 01/07/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)

Operator Name: MIKE BROUGHAM
Lat/Long: 40[deg] 77'00"/2

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000333234

Viewed ID: Not reported
Inspected State: Not reported
Inspected Date: 07/29/1997
Owner Status: 1
Owner Mnth: 1
LIC Expires: 03/01/2002
Renew Date: 11/06/2001
Inspector Initials: AS
COI Date: / /

Click this hyperlink while viewing on your computer to access
1 additional NY AST MOSF record(s) in the EDR Site Report.

LTANKS:

Spill Number: 0109539 Region of Spill: 2
Tank Number: Not reported Tank Size: Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 01/03/02 Reported to Dept: / /
ID: 72 Date Call Received: 01/03/02
Material Spilled 1: #6 FUEL OIL Amount Spilled 1: Unknown Gal
Region Close Dt: 06/11/03
Resource Affected: ON LAND
Spill Cause: TANK FAILURE
Water Affected: Not reported Spill Source: MAJOR FACILITY 400,000 GAL

Spill Number: 0109539 Region of Spill: 2
Tank Number: Not reported Tank Size: Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 01/03/02 Reported to Dept: / /
ID: 72 Date Call Received: 01/03/02
Material Spilled 1: #6 FUEL OIL Amount Spilled 1: Unknown Gal
Region Close Dt: 06/11/03
Resource Affected: ON LAND
Spill Cause: TANK FAILURE
Water Affected: Not reported Spill Source: MAJOR FACILITY 400,000 GAL

Spill Number: 0207952 Region of Spill: 2
Tank Number: Not reported Tank Size: Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 11/01/02 Reported to Dept: / /
ID: 14483 Date Call Received: 11/01/02
Material Spilled 1: DIESEL Amount Spilled 1: 50 Gal
Region Close Dt: 07/17/03
Resource Affected: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: MAJOR FACILITY 400,000 GAL

Spill Number: 0207952 Region of Spill: 2
Tank Number: Not reported Tank Size: Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 11/01/02 Reported to Dept: / /
ID: 14484 Date Call Received: 11/01/02
Material Spilled 1: DIESEL Amount Spilled 1: 55 Gal
Region Close Dt: 07/17/03
Resource Affected: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: MAJOR FACILITY 400,000 GAL

AMERADA HESS CORPORATION BROOKLYN TERMINAL (Continued) 1000333234

Spill Number: 0109539 Region of Spill: 2
Spill Date: 12/27/2001 16:00 Reported to Dept: 12/27/01 16:55
ID: Not reported Date Call Received: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Region Close Dt: After reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: HOWARD GOLDMAN Facility Tele: (732) 750-6228
Investigator: SKIDMA SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: CALLER Spiller Phone: Not reported
Spiller: AMERADA HESS
Spiller Address: 1 HESS PLAZA
WOODBRIDGE, NJ 07095
Spill Class: Release release that creates potential for fire or hazard. DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 12/31/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date: Not reported
Date Spill Entered In Computer Data Files: 12/27/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: Yes
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/29/1994
How Many Material Entry In File: 3198
Spill Cause: Discovered hole in tank, was originally discovered last friday, can ad

Site | Database(s) | EDR ID Number / EPA ID Number

AMERADA - ...RPORATION BROOKLYN TERMINAL (Continued) 1009133424

Closest holes have been found 0106349

Click this hyperlink while viewing on your computer to access additional LTANKS detail in the EDR Site Report.

HESS - BROOKLYN TERMINAL LTANKS S106239578
722 COURT ST N/A
BROOKLYN, NY

Site 4 of 6 in cluster D

LTANKS:
Spill Number: 0106349 Region of Spill: 2
Spill Date: 12/21/2001 13:10 Reported to Dept: 12/21/01 13:44
ID: Not reported Date Call Received: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Region Close Dt: Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: HOWARD GOLDMAN Facility Tele: (732) 750-6220
Investigator: SIGOWA SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: HOWARD GOLDMAN Spiller Phone: (732) 750-7004
Spiller: AMERADA HESS
Spiller Address: 1 HESS PLAZA WOODBRIDGE, NJ 07095
Spill Class: Known release that creates potential for fire or hazard, DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 12/21/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 12/21/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Qty Spilled: 8

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site | Database(s) | EDR ID Number / EPA ID Number

HESS - BROOKLYN TERMINAL (Continued) S105ZDK572

Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: #6 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
More Than One Material Entry In File: 2190
Spill Cause: A hole in a tank - unit if created by inspection - unit if any product has leaked out of tank.

Click this hyperlink while viewing on your computer to access additional LTANKS detail in the EDR Site Report.

026 722 COURT ST LTANKS S107540371
WSW 722 COURT ST NY Spills N/A
1/8-1/4 BKLYN, NY
911 ft.

Site 5 of 6 in cluster D

Relative: Higher
SPILLS:
Actual: 4 ft. Spill Number: 9111289 Region of Spill: 2
Spill Date: 03/01/1992 15:30 Reported to Dept: 03/01/92 16:31
ID: Not reported
DI Call Received: Not reported Region Close Date: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Spill Cause: Other Resource Affected: Surface Water
Water Affected: GOWANUS CANAL/NY BAY Spill Source: Unknown
Facility Contact: Not reported Facility Tele: (718) 330-1456
Investigator: TIBBE SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: HESS
Spiller Address: Not reported
DEC Remarks: Not reported
Permit: USCG AFFIXED TRIPLE BOOMS - HARD, SOFT BOARDS.
Spill Class: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 300
Units: Gallons
Unknown Qty Spilled: 300
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #6 FUEL OIL

Site | Database(s) | EDR ID Number / EPA ID Number

722 COURT ST (Continued) S107388371

Last Date: 07/28/1994
More Than One Material Entry In File: 2190
Spill Closed Dt: 02/25/92
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: 02/25/92
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended Cleanup Meets Std: True
Spiller Cleanup Dt: / / Enforcement Date: / /
Investigation Complete: / / UST Involvement: False
Spill Record Last Update: 03/02/92
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/1992
Date Region Sent Summary to Central Office: / /
True Date : Not reported

LTANKS:
Spill Number: 9102787 Region of Spill: 2
Spill Date: 06/10/1991 16:19 Reported to Dept: 06/10/91 17:21
ID: Not reported Date Call Received: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Region Close Dt: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: Not reported
Investigator: SIGOWA SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: AMERADA HESS
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard, DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 11/17/91
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 07/1991
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site | Database(s) | EDR ID Number / EPA ID Number

722 COURT ST (Continued) S103668371

Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
More Than One Material Entry In File: 2190
DEC Remarks: Not reported
Spill Cause: MAY BE RESIDUAL SHOWING UP IN OBSERVATION WELL FROM A PREVIOUS SPILL / WELL SEAL WELL

057 HESS TERMINAL LTANKS S107114186
WSW 722 COURT STREET NY Spills N/A
1/8-1/4 BROOKLYN, NY
911 ft.

Site 1 of 6 in cluster D

Relative: Higher
SPILLS:
Actual: 4 ft. Spill Number: 0207841 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 10/24/02 Reported to Dept: / /
ID: 14039
Date Call Received: 10/24/02
Region Close Date : 09/15/03
Material Spilled 1: UNKNOWN PETROLEUM Amount Spilled 1 : Unknown Gal
Spill Cause: SURFACE WATER Resource Affected: SURFACE WATER
Water Affected: GOWANUS CREEK Spill Source: MAJOR FACILITY 100,000 GAL
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

LTANKS:
Spill Number: 0310372 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 12/06/93 Reported to Dept: / /
ID: 33349 Date Call Received: 12/06/93
Material Spilled 1: #6 FUEL OIL Amount Spilled 1 : 30 Gal
Region Close Dt: 12/10/93
Resource Affect: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: MAJOR FACILITY 100,000 GAL

Spill Number: 0310372 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 12/06/93 Reported to Dept: / /
ID: 33350 Date Call Received: 12/06/93

H638 ID: (continued) S102141584

Resource ... ected: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: MAJOR FACILITY 400,000 GAL

BRUNO TRUCK SALES CORP. UST U003330618
436 HAMILTON AVENUE N/A
BROOKLYN, NY 11232

Site 1 of 3 in cluster F

PBS UST:

PBS Number:	2-601302	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	CARL MILEA (718) 965-2000		
Emergency Contact:	CARL MILEA (718) 965-2000		
Total Tanks:	5		
Owner:	BRUNO TRUCKING 436 HAMILTON AVE BROOKLYN, NY 11232 (718) 965-2000		
Owner Type:	Corporate/Commercial		
Owner Mark:	Not reported		
Owner Subtype:	Not reported		
Mailing Address:	BRUNO TRUCK SALES CORP. 436 HAMILTON AVENUE BROOKLYN, NY 11232 (718) 965-2000		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	1000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	01/01/1993
Tank Type:	Fiberglass coated steel	Product Stored:	OTHER
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/SACRIFICIAL ANODE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	Catch Basin, High Level Alarm	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAME:	Fiscal amount for registration fee is correct		
Total Capacity:	11000	Removal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renewal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/08/1989
Old PBS Number:	Not reported	Expiration Date:	02/04/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Listing:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

BRUNO TRUCK SALES CORP. (Continued) U003330618

Region: 2

PBS Number:	2-601302	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	CARL MILEA (718) 965-2000		
Emergency Contact:	CARL MILEA (718) 965-2000		
Total Tanks:	5		
Owner:	BRUNO TRUCKING 436 HAMILTON AVE BROOKLYN, NY 11232 (718) 965-2000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BRUNO TRUCK SALES CORP. 436 HAMILTON AVENUE BROOKLYN, NY 11232 (718) 965-2000		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	1000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	01/01/1993
Tank Type:	Fiberglass coated steel	Product Stored:	LUBE-OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/SACRIFICIAL ANODE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	Catch Basin, High Level Alarm	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAME:	Fiscal amount for registration fee is correct		
Total Capacity:	11000	Removal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renewal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/08/1989
Old PBS Number:	Not reported	Expiration Date:	02/04/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Listing:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-601302	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	CARL MILEA (718) 965-2000		
Emergency Contact:	CARL MILEA		

BRUNO TRUCK SALES CORP. (Continued) U003330618

(718) 965-2000
Total Tanks: 5
Owner: BRUNO TRUCKING
436 HAMILTON AVE
BROOKLYN, NY 11232
(718) 965-2000
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: BRUNO TRUCK SALES CORP.
436 HAMILTON AVENUE
BROOKLYN, NY 11232
(718) 965-2000
Tank Status: Temporarily Out of Service
Capacity (gals): 1000
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 01/01/1993
Tank Type: Fiberglass coated steel Product Stored: OTHER
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: STEEL/IRON
Tank External: NONE/FIBERGLASS
Missing Data for Tank: No Missing Data
Pipe External: NONE/SACRIFICIAL ANODE
Second Containment: NONE/DOUBLED-WALLED TANK
Leak Detection: NONE/IN-TANK SYSTEM
Overfill Prot: Catch Basin, High Level Alarm Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: Not reported Test Method: Not reported
Deleted: False Updated: True
Dead Letter: False Owner Screen: No data missing
FAME: Fiscal amount for registration fee is correct
Total Capacity: 11000 Removal Date: Not reported
Tank Screen: Minor data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 11/08/1989
Old PBS Number: Not reported Expiration Date: 02/04/2003
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Listing: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-601302 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: CARL MILEA (718) 965-2000
Emergency Contact: CARL MILEA (718) 965-2000
Total Tanks: 5
Owner: BRUNO TRUCKING 436 HAMILTON AVE BROOKLYN, NY 11232 (718) 965-2000
Owner Type: Corporate/Commercial

BRUNO TRUCK SALES CORP. (Continued) U003330618

Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: BRUNO TRUCK SALES CORP. 436 HAMILTON AVENUE BROOKLYN, NY 11232 (718) 965-2000
Tank Status: Temporarily Out of Service
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 004 Install Date: 01/01/1993
Tank Type: Fiberglass coated steel Product Stored: UNLEADED GASOLINE
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: STEEL/IRON
Tank External: NONE/FIBERGLASS
Missing Data for Tank: No Missing Data
Pipe External: NONE/SACRIFICIAL ANODE
Second Containment: NONE/DOUBLED-WALLED TANK
Leak Detection: NONE/IN-TANK SYSTEM
Overfill Prot: Catch Basin, High Level Alarm Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: Not reported Test Method: Not reported
Deleted: False Updated: True
Dead Letter: False Owner Screen: No data missing
FAME: Fiscal amount for registration fee is correct
Total Capacity: 11000 Removal Date: Not reported
Tank Screen: Minor data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 11/08/1989
Old PBS Number: Not reported Expiration Date: 02/04/2003
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Listing: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-601302 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: CARL MILEA (718) 965-2000
Emergency Contact: CARL MILEA (718) 965-2000
Total Tanks: 5
Owner: BRUNO TRUCKING 436 HAMILTON AVE BROOKLYN, NY 11232 (718) 965-2000
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: BRUNO TRUCK SALES CORP 436 HAMILTON AVENUE BROOKLYN, NY 11232 (718) 965-2000
Tank Status: Temporarily Out of Service

BF K SALES CORP. (Continued) UNKNOWN

Tank Capacity: 4000
Tank Location: UNDERGROUND
Tank Id: 006
Tank Type: Fiberglass coated steel
Tank Material: NONE
Pipe Location: Underground
Tank Material: NONE/FIBERGLASS
Missing Data for Tank: No Missing Data
Pipe Material: NONE/GALVANIZED,ALHOOL
Second Containment: NONE/DOUBLED-WALLED TANK
Leak Detection: NONE/NO TANK SYSTEM
Overfill Prot: Catch Basin, High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FINDS: Record retained for registration fee is correct
Total Capacity: 11000
Tank Source: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Disposal: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: No data missing
Removed Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 12/01/1988
Expiration Date: 02/01/2003
Inspector: Not reported

BRUNO TRUCK SALES RCRA-SQG 1000121945
436 MARLTON AVE FINDS NYSPDES1000
BROOKLYN, NY 11215

Site 2 of 2 in cluster F

RCRAInfo:
Owner: BRUNO TRUCK SALES INC
(718) 965-2000
EPA ID: NYD004183858
Contact: JOE ESPOSITO
(718) 965-2000
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

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Map ID
Direction
Distance
Distance (ft.)
Elevation Site | Database(s) | EDR ID Number | EPA ID Number

BRUNO TRUCK SALES (Continued) 1000121945

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system.

38 794 COURT ST LTANKS 1182147754
WSW 794 COURT ST NY Spills NIA
0/0 - 1/4 BROOKLYN, NY
0.014

Relative: Equal

Actual: 2 ft.

SPILLS:
Spill Number: 9903949 Region of Spill: 2
Spill Date: 09/13/1999 11:40 Reported to Dept: 09/17/99 12:40
ID: Not reported
Dt Call Received: Not reported Region Close Date Not reported
Material Spilled 1 Not reported Amount Spilled 1 : Not reported
Spill Cause: Human Error Resources Affected: Surface Water
Water Affected: GOWANUS CANAL Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported Facility Tele: (718) 238-1400
Investigator: Not reported SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS 2 : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: AMARASA, HERB
Spiller Address: 794 COURT ST
BROOKLYN, NY
DEC Remarks : Not reported
Remarks: BOOMED,SORBENTS USED TO CLEAN UP, OS SPILL 0436
Spill Class: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 15
Quantity Recovered: 05
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Material Series Number: #2 FUEL OIL
Last Date: 12/07/1994
How Many Material Entry in File: 34464
Material Class Type: 3
Quantity Spilled: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: NONENE
Class Type: Not Petrol/on Haz

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794 COURT ST (Continued) S142147754

Class Abstract Service Number: NONENE
Last Date: Not reported
How Many Material Entry in File: 1
Spill Closed Dt: 09/14/99
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: 09/14/99
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended Cleanup Meets Std: True
Spiller Cleanup Dtl: / / Enforcement Date: / /
Investigation Complete: / / UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/14/99
Date Region Sent Summary to Central Office: / /
Time Data : Not reported
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

LTANKS:
Spill Number: 0116574 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 07/25/92 Reported to Dept: / /
ID: 1388 Date Call Received: 07/25/92
Material Spilled 1 #6 FUEL OIL Amount Spilled 1 : 10 Gal.
Region Close Dt : 07/25/92
Resources Affected: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: GASOLINE STATION

Spill Number: D100576 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 07/25/92 Reported to Dept: / /
ID: 1388 Date Call Received: 07/25/92
Material Spilled 1 #6 FUEL OIL Amount Spilled 1 : 10 Gal.
Region Close Dt : 07/25/92
Resources Affected: ON LAND
Spill Cause: TANK OVERFILL
Water Affected: Not reported Spill Source: GASOLINE STATION

ENGINE 279 / LADDER 131 UST U001540624
257 LORRAINE STREET AST N/A
BKLN, NY 11231

PBS UST:
PBS Number: 2-357251 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: CAPT. O'BRIEN
(718) 965-6315
Emergency Contact: JOE MASTROPIETRO
(717) 784-6568
Total Tanks: 2
Owner: NEW YORK CITY FIRE DEPARTMENT

Map ID
Direction
Distance
Distance (ft.)
Elevation Site | Database(s) | EDR ID Number | EPA ID Number

ENGINE 279 / LADDER 131 (Continued) S109148634

LONG ISLAND CITY, NY 11101
(718) 784-6568
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address: NEW YORK CITY FIRE DEPARTMENT
ATTN: JOE MASTROPIETRO
48-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6568
Tank Status: In Service
Capacity (gal): 2000
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Id: 001 Install Date: 08/01/1924
Tank Type: Steel/Product steel Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: 2 Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: VAULT
Leak Detection: NONE
Overfill Prot: Product Level Gauge Disposal: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: Not reported Test Method: Not reported
Deleted: False Updated: False
Dead Letter: False Owner Screen: Minor data missing
FINDS: Record retained for registration fee is correct
Total Capacity: 2000 Remark Date: Not reported
Tank Source: Minor data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 10/29/1999
Old PBS Number: Not reported Expiration Date: 04/29/2005
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-357251 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: CAPT. O'BRIEN
(718) 965-6315
Emergency Contact: JOE MASTROPIETRO
(717) 784-6568
Total Tanks: 2
Owner: NEW YORK CITY FIRE DEPARTMENT
48-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6568
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: The City of New York
Mailing Address:

ENGINE 279 / LADDER 135 (Continued) U001548024

ATTN: JOE MASTROPIETRO
46-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6588

Tank Status: Closed - In Place
Capacity (gals): 275
Tank Location: UNDERGROUND
Tank Id: 003
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: Underground
Tank External: NONE/NONE
Mtrng Data for Tank: Minor Data Missing
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE
Overfill Prot: Not reported
Date Tested: 05/01/1988
Date Closed: 05/01/1988
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 2000
Tank Screen: Minor data missing
Riser Flag: Riser has not been plated
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Reject: Not reported
Lat/Long: Not reported
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Disp/comm: Not reported
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Removal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 05/01/1988
Expiration Date: 05/01/2003
Inspector: Not reported

PBS Number: 2-357251
SPDES Number: Not reported
Operator: CAPT. O'BRIEN
(718) 786-4228
Emergency Contact: JOE MASTROPIETRO
(917) 794-6588
Total Tanks: 2
Owner: NEW YORK CITY FIRE DEPARTMENT
46-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6588
Owner Type: Local Government
Owner Mstr: First Owner
Owner Subtype: The City of New York
Mailing Address: NEW YORK CITY FIRE DEPARTMENT
ATTN: JOE MASTROPIETRO
46-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6588

CBS Number: Not reported
SWIS ID: 6101

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ENGINE 279 / LADDER 135 (Continued) U001548024

Tank Location: UNDERGROUND
Tank Id: 004
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: Underground
Tank External: NONE/NONE
Mtrng Data for Tank: Minor Data Missing
Pipe External: NONE/NONE
Second Containment: NONE
Leak Detection: Not reported
Overfill Prot: Not reported
Date Tested: Not reported
Date Closed: 05/01/1988
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 2000
Tank Screen: Minor data missing
Riser Flag: Riser has not been plated
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Reject: Not reported
Lat/Long: Not reported
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Disp/comm: Not reported
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Removal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 05/01/1988
Expiration Date: 05/01/2003
Inspector: Not reported

PBS Number: 2-357251
SPDES Number: Not reported
Operator: CAPT. O'BRIEN
(718) 786-4228
Emergency Contact: JOE MASTROPIETRO
(917) 794-6588
Total Tanks: 2
Owner: NEW YORK CITY FIRE DEPARTMENT
46-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6588
Owner Type: Local Government
Owner Mstr: First Owner
Owner Subtype: The City of New York
Mailing Address: NEW YORK CITY FIRE DEPARTMENT
ATTN: JOE MASTROPIETRO
46-34 36TH STREET
LONG ISLAND CITY, NY 11101
(718) 784-6588

CBS Number: Not reported
SWIS ID: 6101

TC9135015.1s Page 91

ENGINE 279 / LADDER 135 (Continued) U001548024

Tank Containment: NONSPRE/FABRICATED STEEL, DIKE
Pipe Type: STEEL/IRON
Pipe Location: Above/Underground Combination
Pipe Internal: NONE
Pipe External: NONE/UNCOATED
Leak Detection: NONE/N-TANK SYSTEM
Overfill Protection: High Level Alarm, Catch Basin
Dispenser Mounted: Section
Date Tested: / /
Date Closed: / /
Deleted: True
Date Inspected: Not reported
Report of Inspection: Not reported
Mailing Name: NEW YORK CITY FIRE DEPARTMENT
Mailing Address: 46-34 36STH STREET
LONG ISLAND CITY, NY 11101
Mailing Contact: JOE MASTROPIETRO
Mailing Telephone: (718) 784-6588
Owner Mstr: First Owner
Certification Flag: False
Riser Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

Test Method: Not reported
Inspector: Not reported
Expiration Date: 05/02/1993
Certification Date: 10/03/1988
Riser Date: / /

32
SSE
1/8-1/4
1037 ft.
Relative:
Equal
Actual:
2 ft.

NYC SANITATION - HAMILTON AVE MTS
294 HAMILTON AVE & GOWANUS
BROOKLYN, NY 11231

RCRA-SQG 1000725525
FINDS NYD986971998

RCRAInfo:
Owner: NYC SANITATION
(718) 391-3431
EPA ID: NYD986971998
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

ENVID:
Other Pertinent Environmental Activity Identified at Site:
Automatic Information Powered System/ARS Facility Subsystem
Resource Conservation and Recovery Act Information System

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1013
East
1/8-1/4
1052 ft.
Relative:
Equal
Actual:
2 ft.

DEPT. OF SANITATION BROOKLYN 2 GARAGE
402 HAMILTON AVE.
BROOKLYN, NY 11213

VIST U003798794
AST 400

Site 1 of 2 in cluster G

PBS UST:
PBS Number: 2-405732
SPDES Number: Not reported
Operator: NYC DEPT. OF SANITATION
(718) 768-4100
Emergency Contact: NYC DEPT. OF SANITATION
(718) 768-4100
Total Tanks: 3
Owner: CAPT. JOSEPH MUSA
6 E. 35TH STREET
NEW YORK, NY 10016
(212) 684-5911
Owner Type: Corporate/Commercial
Owner Mstr: First Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977
Tank Status: In Service
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Pipe Location: Underground
Tank External: FIBERGLASS
Mtrng Data for Tank: Minor Data Missing
Pipe External: FIBERGLASS
Second Containment: DOUBLE-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
Overfill Prot: High Level Alarm, Automatic Shut-Off
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4500
Tank Screen: Minor data missing
Riser Flag: Riser has not been plated
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Reject: Not reported
Lat/Long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-405731

CBS Number: Not reported
SWIS ID: 6101

Disp/comm: Section
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Removal Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 04/21/2001
Expiration Date: 04/04/2006
Inspector: Not reported

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Map ID
Direction
Distance
Distance (ft.)
Elevation Site

EDR ID Number
EPA ID Number

DEPT. OF SANITATION BROOKLYN 2 GARAGE (Continued)

SPDES Number: Not reported
Operator: NYC DEPT. OF SANITATION
(718) 768-4166
Emergency Contact: NYC DEPT. OF SANITATION
(718) 768-4166
Total Tanks: 3
Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977
Tank Status: In Service
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 002
Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Pipe Location: Above/Underground Combination
Tank External: FIBERGLASS
Mining Data for Tank: Minor Data Missing
Pipe External: FIBERGLASS
Second Containment: DOUBLED-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
Overfill Port: High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4000
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-000727
SPDES Number: Not reported
Operator: NYC DEPT. OF SANITATION
(718) 768-4166
Emergency Contact: NYC DEPT. OF SANITATION
(718) 768-4166
Total Tanks: 3
Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977

Tank Status: In Service
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 002
Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Pipe Location: Above/Underground Combination
Tank External: FIBERGLASS
Mining Data for Tank: Minor Data Missing
Pipe External: FIBERGLASS
Second Containment: DOUBLED-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
Overfill Port: High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4000
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: 12/01/2000
Product Stored: LUBE OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977

Tank Status: In Service
Capacity (gals): 2000
Tank Location: UNDERGROUND
Tank Id: 002
Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Pipe Location: Above/Underground Combination
Tank External: FIBERGLASS
Mining Data for Tank: Minor Data Missing
Pipe External: FIBERGLASS
Second Containment: DOUBLED-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
Overfill Port: High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4000
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: 12/01/2000
Product Stored: LUBE OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner

Install Date: 12/01/2000
Product Stored: LUBE OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977

Tank Status: Closed - In Place
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 004
Tank Type: Steel/Stainless steel
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Mining Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Port: Not reported
Date Tested: Not reported
Date Closed: 11/01/2000
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4000
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: Not reported
Product Stored: LUBE OIL
Pipe Internal: Not reported
Pipe Type: Not reported

Dispenser: Not reported
Next Test Date: Not reported
Test Method: Not reported
Updated: Time
Owner Screen: Minor data missing

Removed Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 04/27/2001
Expiration Date: 04/27/2006
Inspector: Not reported

PBS Number: 2-000727
SPDES Number: Not reported
Operator: NYC DEPT. OF SANITATION
(718) 768-4166
Emergency Contact: NYC DEPT. OF SANITATION
(718) 768-4166
Total Tanks: 3
Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
(212) 684-0911
Owner Type: Corporate/Commercial
Owner Mark: Fleet Owner
Owner Subtype: Not reported
Mailing Address: NYC DEPT. OF SANITATION
ATTN: CHIEF OF FACILITIES
125 WORTH STREET
NEW YORK, NY 10013
(212) 788-4977

CBS Number: Not reported
SWIS ID: 6101

Tank Status: Closed - Removed
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 004
Tank Type: Steel/Stainless steel
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Mining Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Port: Not reported
Date Tested: Not reported
Date Closed: 11/01/2000
Deleted: False
Dead Letter: False
FAME: Fiscal amount for registration fee is correct
Total Capacity: 4000
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: Not reported
Product Stored: LUBE OIL
Pipe Internal: Not reported
Pipe Type: Not reported

Dispenser: Not reported
Next Test Date: Not reported
Test Method: Not reported
Updated: Time
Owner Screen: Minor data missing

Removed Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 04/27/2001
Expiration Date: 04/27/2006
Inspector: Not reported

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
1 additional NY PBS record(s) in the EDR Site Report.

PBS ATT:
PBS Number: 2-000727
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS facility greater than 1,100 gallons, regardless if Subpart 360-10 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: CARI & JOSEPH MILSA
6 E. 39TH STREET
NEW YORK, NY 10016
Owner Phone: (212) 684-0911
Facility Phone: (718) 768-4166
Operator: NYC DEPT. OF SANITATION
Emergency Name: NYC DEPT. OF SANITATION
Emergency Phone: (718) 768-4166
Total Tanks: 3
Total Capacity: 4550
Tank ID: 002
Capacity (Gal): 2000

CBS Number: Not reported
SWIS Code: 6101
Previous PBS#: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

DEPT. OF SANITATION BROOKLYN 2 GARAGE (Continued) — U003789734

Mapping Data for Tank: Miscellaneous missing
Tank Location: ABOVEGROUND
Product Stored: LUBE OIL
Tank Type: Distribution steel
Install Date: / /
Tank Internal: Not reported
Tank External: Not reported
Tank Combination: Not reported
Pipe Type: Not reported
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: Not reported
Overfill Protection: Not reported
Dispenser Method: Not reported
Date Tested: / / — Next Test Date: / /
Date Closed: 10/1/2008 — Test Method: Not reported
Updated: Yes — Deleted: False
Date Inspected: Not reported — Inspector: Not reported
Result of Inspection:
Mailing Name: NYC DEPT. OF SANITATION
Mailing Address: 125 WORTH STREET
NEW YORK,NY 10013
Mailing Contact: CHIEF OF FACILITIES
Mailing Telephone: (212) 788-7897
Owner Mark: First Owner — Expiration Date: 9/27/2008
Certification Flag: False — Certification Date: 9/27/2004
Renew Flag: False — Renew Date: / /
Lat/Long:
Deal Letter: False
Facility Status: Miscellaneous data missing
Owner Status: Miscellaneous data missing
Tank Status: Miscellaneous data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Permit Amount for Registration Fee Is Correct: Yes

34 — North — 1/8-1/4 — 1059 ft. — Relative: Higher — Actual: 12 ft.

KEM NY CORPORATION — 577 COURT ST — BROOKLYN, NY 11231 — FINDS: 1004833873 — SHWLF: 1100010615202

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Automatic Interaction Retrieval System(AIRS) Facility Subsystem

LF:
Summary Addr: Not reported — Region Code: 2
Phone Number: 2014375200 — Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Not reported
0
Owner Email: Not reported — Owner Phone: 0
Contact Name: VITO GALANTE
Contact Address: 2295 Appleton Road
Not reported

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

KEM NY CORPORATION (Continued) — 1004833873

Bethlehem, PA 18015
Contact Email: Not reported — Contact Phone: 6102172200
Activity Desc: Recyclable - regulated
Activity Number: 2-0701
Active: Yes — Accuracy Code: Not reported
North Coordinate: 4500360 — East Coordinate: 584457
Regulatory Status Point
Waste Type 1: Multimedia/Unknown/Old
Authorization #: 2-4702-00074 — Authorization Date: 8/3/1994
Expiration Date: 8/27/2009

35 — NW — 1/8-1/4 — 1065 ft. — Relative: Higher — Actual: 18 ft.

RED HOOK RECREATION CENTER — 155 BAY STREET — BROOKLYN, NY 11231 — UST — U003754799 — N/A

PBS UST:
PBS Number: 2-004898 — CBS Number: Not reported
SPDES Number: Not reported — SWIS ID: 6101
Operator: E. RIVAS
(718) 722-3213
Emergency Contact: AL SWANSON
(718) 965-6897
Total Tanks: 1
Owner: CITY OF NEW YORK, PARKS & RECREATION
830 FIFTH AVENUE
NEW YORK, NY 10021
(212) 360-3321
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: CITY OF NEW YORK, PARKS & RECREATION
ASSISTANT PARKS
5 BORO
RANDALLS ISLAND
NEW YORK, NY 10035
(212) 408-0910
Tank Status: In Service
Capacity (gals): 7000
Tank Location: UNDERGROUND
Tank Id: 001 — Install Date: Not reported
Tank Type: Distribution steel — Product Stored: MOS 1,2, OR 4 FUEL OIL
Tank Internal: NONE — Pipe Internal: NONE
Pipe Location: Above/Aggregate Containment — Pipe Type: STEEL/IRON
Tank External: NONE
Mailing Date for Tank: No Mailing Date
Pipe External: NONE
Secret Containment: NONE
Leak Detection: NONE
Overfill Prot: Vent Whistle — Dispenser: Suction
Date Tested: Not reported — Next Test Date: 12/27/2007
Date Closed: Not reported — Test Method: Not reported
Deleted: False — Updated: Yes
Deal Letter: False — Owner Screen: No data missing
FAST: Permit amount for registration fee is correct
Total Capacity: 7000 — Removal Date: Not reported
Tank Status: No data missing — Federal ID: Not reported
Renew Flag: Permit fee not been paid — Facility Screen: No data missing
Certification Flag: False — Certification Date: 9/27/2004

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

RED HOOK RECREATION CENTER (Continued) — U003754799

Old PBS Number: Not reported — Expiration Date: 9/27/2004
Inspected Date: Not reported — Inspector: Not reported
Inspection Result: Not reported
Lat/Long:
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

38 — SW — 1/8-1/4 — 1072 ft. — Relative: Equal — Actual: 7 ft.

NYC SANITATION — HAMILTON SHOP 488 HAMILTON AVE — BROOKLYN, NY 11232 — RCRA-SQG — FINDS: 1000130585 NYD986871333

RCRAInfo:
Owner: BRUNDS TRUCKING
(212) 555-1212
EPA ID: NYD986871333
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

G37 — East — 1/8-1/4 — 1022 ft. — Relative: Equal — Actual: 7 ft.

NYSDOT — HAMILTON AVE & 15TH ST — BROOKLYN, NY 11215 — RCRA-SQG — FINDS: 1000871547 NYD986546171

Site 2 of 2 in cluster G

RCRAInfo:
Owner: NYSDOT
(718) 482-4620
EPA ID: NYD986546171
Contact: SURIEL ZAYAS
(718) 997-2610
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

NYSDOT (Continued) — 1000871547

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

H36 — NNE — 1/8-1/4 — 1133 ft. — Relative: Equal — Actual: 7 ft.

CON ED TM 842 — HAMILTON AVE & SMITH ST — BROOKLYN, NY 11209 — RCRA-SQG — 1000266469 NYP004069470

Site 1 of 5 in cluster H

RCRAInfo:
Owner:
Contact: ANTHONY C DRUMMONDS
(212) 460-3075
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

H39 — NNE — 1/8-1/4 — 1179 ft. — Relative: Equal — Actual: 7 ft.

MOBIL SS — 375 HAMILTON AVENUE — BROOKLYN, NY — LTANKS — S104433510 — N/A

Site 3 of 5 in cluster H

LTANKS:
Spill Number: 9301833 — Region of Spill: 2
Spill Date: 08/19/1993 12:36 — Reported to Dept: 08/19/1993 15:03
ID: Not reported — Date Cnd Received: Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected On Land
Spill Caused: Tank Test Failure
Water Affected: Not reported — Spill Source: Gas Station
Facility Contact: MIKE MELLA — Facility Telephone: Not reported
Investigator: SWOPA — Spill: 65
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS:
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: EXXONMOBIL CORP.
Spiller Address: 444 DOUGHTY BLVD
INWOOD, NY 11096
Spill Cause: Known release due to error in fix or failure; OSC Response, Willing Responsible Party, Corrective action taken
Spill Close Dt: 08/20/93
Spill Notifier: Tank Tester — PBS Number: 2-157842
Cleanup Ceased: 08/20/93
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /

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MOBIL S/S (Continued) S104497331

Enforcement Date: / /
Investigation Complete: / /
UST Improvement: Yes
Spill Report Last Update: 11/01/88
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/29/92
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/29/1994
How Many Material Entry In File: 21329
DEC Remarks: 08/12/88: CROSS REFERENCE TO ACTIVE SPILL NUMBER 8806784, reassigned to as address to close 11/01/88
Spill Cause: 8 I.R.A/8/1982; MVCFD ON SCENE.

Map ID: MAP
Site: MOBIL S/S
Address: 378 HAMILTON AVENUE
City/State/Zip: BROOKLYN, NY
Distance: 1175 ft.
Direction: NW-NW
Elevation: Relative: Equal
Actual: 2 ft.

LTANKS S104145547
N/A

Site 3 of 6 in cluster H

LTANKS:
Spill Number: 8806784
Spill Date: 08/22/1988 12:00
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: MIKE MIELA
Investigator: 8800MA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS #: Not reported
Spiller Contact: Not reported
Spiller: EXXONMOBIL CORP.
Spiller Address: 461 DOUGHTY BLVD.
INWOOD, NY 11096
Region of Spill: 2
Reported to Dept: 08/22/88 13:01
Date Call Received: Not reported
Amount Spilled 1: Not reported
Spill Source: Gas Station
Facility Tele: (718) 945-8384
Shed#: 01
Caller Agency: Not reported
Caller Relations: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

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MOBIL S/S (Continued) S104145547

Spill Close: Known release but unclear if Sls or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/08/89
Spill Notifier: Tank Tester PBS Number: 2-157843
Closing Council: 08/08/89
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Improvement: Yes
Spill Report Last Update: 11/01/88
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/29/92
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/29/1994
How Many Material Entry In File: 21329
DEC Remarks: 08/08/89: CROSS REFERENCE TO ACTIVE SPILL NUMBER 8806784, reassigned to as address to close
Spill Cause: 2) 4K TANKS FAILED PETRO TITE WITH A LEAK RATE OF 0.169GAL/HOUR, MVCFD ON SITE, POSSIBLE LEAK IN VENT LINE, NO PRODUCT FROM TANKS, TANKSYSTEM 3 HARDCOVER, WILL EXCAVATE.

Spill Number: 8806784
Spill Date: 08/22/1988 16:00
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: MIKE MIELA
Investigator: 8800MA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Region of Spill: 2
Reported to Dept: 08/22/88 17:24
Date Call Received: Not reported
Amount Spilled 1: Not reported
Spill Source: Gas Station
Facility Tele: (718) 438-4416
Shed#: 01
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

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MOBIL S/S (Continued) S104145547

PBS #: Not reported
Spiller Contact: Not reported
Spiller: EXXONMOBIL CORP.
Spiller Address: 461 DOUGHTY BLVD.
INWOOD, NY 11096
Spiller Phone: Not reported
Spill Close: Known release but unclear if Sls or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: 2-157843
Cleanup Council: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Improvement: Yes
Spill Report Last Update: 11/01/88
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/29/92
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/29/1994
How Many Material Entry In File: 21329
DEC Remarks: reassigned from address to close on 11/1/88
Spill Cause: 2) 4K TANKS FAILED PETRO TITE. WILL ISOLATE RETEST. NOTIFIED FIRE DEPT.

Map ID: MAP
Site: MOBIL OIL CORP SS #FJ
Address: 378 HAMILTON AVE
City/State/Zip: BROOKLYN, NY 11231
Distance: 1175 ft.
Direction: NW-NW
Elevation: Relative: Equal
Actual: 2 ft.

RCRA-SQG 1000853814
FINDS NYD986925248
UST

Site 4 of 6 in cluster H

MOBIL OIL CORP SS #FNJ (Continued) 1000853814

RCRAInfo:
Owner: MOBIL OIL CORP
(718) 846-3338
EPA ID: NYD986925248
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerospatiale Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system

PBS UST:
PBS Number: 2-157843
SPDES Number: Not reported
Operator: R. SPADA
(718) 625-8389
Emergency Contact: MOBIL OIL CORP.
(800) 662-4867
Total Tanks: 2
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD.
FAIRFAX, VA 22037
(703) 641-3282
Owner Type: Corporate/Commercial
Owner Mode: Not Known
Owner Subtype: Mobil Oil Company
Mailing Address: EXXONMOBIL OIL CORP
ATTN: EMILY MILLER
P. O. BOX 142667
AUSTIN, TX 78714
(800) 869-4635
Tank Status: Closed - Removed
Capacity (gal): 4000
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: Underground
Tank External: Not reported
Mailing Date for Tank: Mail Date Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 1
Date Tested: 12/01/1991
Date Closed: 01/01/1992
Deleted: False
Dual Liner: False
Install Date: 12/01/1972
Product Stored: UNLEADED GASOLINE
Pipe Internal: Not reported
Pipe Type: GALVANIZED STEEL
Replaced: Substantially
Test Tool Date: Not reported
Test Method: PETRO-TITE
Upgraded: True
Owner Survey: No data existing

Database(s) | EDR ID Number / EPA ID Number

MOBIL OIL CORP 33 RFS (Continued) 1000653814

Total Tanks: 5
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD.
FAIRFAX, VA 22037
(703) 849-8252
Owner Type: Corporate/Commercial
Owner Mail: First Owner
Owner SubType: Motor Oil Company
Mailing Address: EXXONMOBIL OIL CORP
ATTN: EMILY MILLER
P. O. BOX 142897
AUSTIN, TX 78714
(800) 888-4433
Tank Status: Closed - Removed
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 002 Install Date: 12/01/1973
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: 2 Pipe Internal: RUBBER LINER
Pipe Location: 2 Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: More Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 1 Dispenser: Submersible
Date Tested: 05/01/1991 Next Test Date: Not reported
Date Closed: 03/01/1993 Test Method: PETRO-TITE
Deleted: False Updated: True
Owner Letter: False Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 20000 Removal Date: Not reported
Tank Screen: No data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 03/01/1989
Old PBS Number: Not reported Expiration Date: 10/23/2002
Inspected Date: Not reported Inspector: Not reported
Inspection Permit: Not reported
Lettergr: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-157643 CBS Number: Not reported
SPILLS Number: Not reported SWIS ID: 6101
Operator: N. SINGH
(718) 825-9369
Emergency Contact: MOBIL OIL CORP.
(800) 662-4567

Database(s) | EDR ID Number / EPA ID Number

MOBIL OIL CORP 33 RFS (Continued) 1000653814

Inspected Date: Not reported Inspector: Not reported
Inspection Permit: Not reported
Lettergr: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
County Code: 61
Region: 2

PBS Number: 2-157643 CBS Number: Not reported
SPILLS Number: Not reported SWIS ID: 6101
Operator: N. SINGH
(718) 825-9369
Emergency Contact: MOBIL OIL CORP.
(800) 662-4567
Total Tanks: 5
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD.
FAIRFAX, VA 22037
(703) 849-8252
Owner Type: Corporate/Commercial
Owner Mail: First Owner
Owner SubType: Motor Oil Company
Mailing Address: EXXONMOBIL OIL CORP
ATTN: EMILY MILLER
P. O. BOX 142897
AUSTIN, TX 78714
(800) 888-4433
Tank Status: Closed - Removed
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 12/01/1973
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: More Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 1 Dispenser: Submersible
Date Tested: Not reported Next Test Date: Not reported
Date Closed: 03/01/1993 Test Method: Not reported
Deleted: False Updated: True
Owner Letter: False Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 20000 Removal Date: Not reported
Tank Screen: No data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 03/01/1989
Old PBS Number: Not reported Expiration Date: 10/23/2002
Inspected Date: Not reported Inspector: Not reported
Inspection Permit: Not reported
Lettergr: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
Town or City Code: 01

Database(s) | EDR ID Number / EPA ID Number

MOBIL OIL CORP 33 RFS (Continued) 1000653814

County Code: 61
Region: 2

PBS Number: 2-157643 CBS Number: Not reported
SPILLS Number: Not reported SWIS ID: 6101
Operator: N. SINGH
(718) 825-9369
Emergency Contact: MOBIL OIL CORP.
(800) 662-4567
Total Tanks: 5
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD.
FAIRFAX, VA 22037
(703) 849-8252
Owner Type: Corporate/Commercial
Owner Mail: First Owner
Owner SubType: Motor Oil Company
Mailing Address: EXXONMOBIL OIL CORP
ATTN: EMILY MILLER
P. O. BOX 142897
AUSTIN, TX 78714
(800) 888-4433
Tank Status: Closed - Removed
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 004 Install Date: 12/01/1973
Tank Type: Steel/carbon steel Product Stored: MOTOR OIL
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: More Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 2 Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: 03/01/1993 Test Method: Not reported
Deleted: False Updated: True
Owner Letter: False Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 20000 Removal Date: Not reported
Tank Screen: No data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 03/01/1989
Old PBS Number: Not reported Expiration Date: 10/23/2002
Inspected Date: Not reported Inspector: Not reported
Inspection Permit: Not reported
Lettergr: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Database(s) | EDR ID Number / EPA ID Number

MOBIL OIL CORP 33 RFS (Continued) 1000653814

Emergency Contact: MOBIL OIL CORP.
(800) 662-4567
Total Tanks: 5
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD.
FAIRFAX, VA 22037
(703) 849-8252
Owner Type: Corporate/Commercial
Owner Mail: First Owner
Owner SubType: Motor Oil Company
Mailing Address: EXXONMOBIL OIL CORP
ATTN: EMILY MILLER
P. O. BOX 142897
AUSTIN, TX 78714
(800) 888-4433
Tank Status: Tank Converted to Non-Regulated Use
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 005 Install Date: 12/01/1973
Tank Type: Steel/carbon steel Product Stored: OTHER
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: More Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 2 Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: 03/01/1993 Test Method: Not reported
Deleted: False Updated: True
Owner Letter: False Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 20000 Removal Date: Not reported
Tank Screen: No data missing Federal ID: Not reported
Renew Flag: Renewal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 03/01/1989
Old PBS Number: Not reported Expiration Date: 10/23/2002
Inspected Date: Not reported Inspector: Not reported
Inspection Permit: Not reported
Lettergr: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

This is the most recent NY PBS data for the site.

Click on hyperlink while viewing on your computer to access
7 additional NY PBS record(s) in the EDR Site Report.

NYCDOT HAMILTON AVE ASPHALT PLANT
468 HAMILTON AVE
BROOKLYN, NY 11232

RCRA-SQG 1010133964
FINDS NYR000081127

RCRAInfo:
Owner: CITY OF NEW YORK DEPT OF TRANSPORTATION
(212) 442-8715
EPA ID: NYR000081127
Contact: ROBERT MURPHY
(212) 442-8715
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

NYA NYCT - CAMPBELL STORAGE FACILITY
333 SMITH ST
BROOKLYN, NY 11231

RCRA-LQG NYR000045286

Site 4 of 5 in cluster H

RCRAInfo:
Owner: NYA NEW YORK CITY TRANSIT
(718) 243-4581
EPA ID: NYR000045286
Contact: HOWARD MATZA
(718) 243-4581
Classification: Large Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

44
NNW
168 ft.
1288 ft.
Site 1 of 5 in cluster H

MELTZ LUMBER CO OF MELLENVILLE, INC
463 RT. 217
HUDSON, NY 12534

UST U003767342
AST N/A

Relative:
Higher

Actual:
19 ft.

PBS LIST:
PBS Number: 4-443575
SPDES Number: Not reported
Operator: EMIL MELTZ, JR.
(518) 672-7021
Emergency Contact: JEFF MELTZ
(518) 672-7139
Total Tanks: 4
Owner: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7091
Owner Type: Corporate/Commercial
Owner Mark: Plot Owner
Owner Subtype: Not reported
Mailing Address: MELTZ LUMBER CO.
ATTN: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7021
Tank Status: Closed - Removed
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 1
Tank Type: Steel/carbon steel
Tank Inboard: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Port: 2
Date Tested: Not reported
Date Closed: 09/01/1999
Deleted: False
Dead Letter: False
FANY: Fixed amount for registration fee is correct
Total Capacity: 4000
Tank Status: Minor data missing
Reuse Flag: Record has not been picked
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: 09/02/2000
Inspection Result: Not reported
Lettering: Not reported
Facility Type: MANUFACTURING, TRUCKING/TRANSPORTATION
Town or City: CLAVERACK
Town or City Code: 25
County Code: 10
Region: 4
Install Date: 12/01/1989
Product Stored: DIESEL
Pipe Inboard: Not reported
Pipe Type: GALVANIZED STEEL
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Upgraded: Yes
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 12/15/2000
Expiration Date: 06/30/2002
Inspector: D.E.

PBS Number: 4-443575
SPDES Number: Not reported
CBS Number: Not reported
SWIS ID: 1028

MELTZ LUMBER CO OF MELLENVILLE, INC (Continued)

Operator: EMIL MELTZ, JR.
(518) 672-7021
Emergency Contact: JEFF MELTZ
(518) 672-7139
Total Tanks: 4
Owner: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7091
Owner Type: Corporate/Commercial
Owner Mark: Plot Owner
Owner Subtype: Not reported
Mailing Address: MELTZ LUMBER CO.
ATTN: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7021
Tank Status: Closed - Removed
Capacity (gals): 1000
Tank Location: UNDERGROUND
Tank Id: 2
Tank Type: Steel/carbon steel
Tank Inboard: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Port: 2
Date Tested: Not reported
Date Closed: 09/01/1999
Deleted: False
Dead Letter: False
FANY: Fixed amount for registration fee is correct
Total Capacity: 4000
Tank Status: Minor data missing
Reuse Flag: Record has not been picked
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: 09/02/2000
Inspection Result: Not reported
Lettering: Not reported
Facility Type: MANUFACTURING, TRUCKING/TRANSPORTATION
Town or City: CLAVERACK
Town or City Code: 25
County Code: 10
Region: 4
Install Date: 12/01/1989
Product Stored: DIESEL
Pipe Inboard: Not reported
Pipe Type: GALVANIZED STEEL
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Upgraded: Yes
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 12/15/2000
Expiration Date: 06/30/2002
Inspector: D.E.

PBS Number: 4-443575
SPDES Number: Not reported
CBS Number: Not reported
SWIS ID: 1028

MELTZ LUMBER CO OF MELLENVILLE, INC (Continued)

463 RT. 217
HUDSON, NY 12534
(518) 672-7091
Owner Type: Corporate/Commercial
Owner Mark: Plot Owner
Owner Subtype: Not reported
Mailing Address: MELTZ LUMBER CO.
ATTN: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7021
Tank Status: Closed - Removed
Capacity (gals): 1000
Tank Location: UNDERGROUND
Tank Id: 3
Tank Type: Steel/carbon steel
Tank Inboard: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Port: 2
Date Tested: Not reported
Date Closed: 09/01/1999
Deleted: False
Dead Letter: False
FANY: Fixed amount for registration fee is correct
Total Capacity: 4000
Tank Status: Minor data missing
Reuse Flag: Record has not been picked
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: 09/02/2000
Inspection Result: Not reported
Lettering: Not reported
Facility Type: MANUFACTURING, TRUCKING/TRANSPORTATION
Town or City: CLAVERACK
Town or City Code: 25
County Code: 10
Region: 4
Install Date: 12/01/1989
Product Stored: UNLEADED GASOLINE
Pipe Inboard: Not reported
Pipe Type: GALVANIZED STEEL
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Upgraded: Yes
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 12/15/2000
Expiration Date: 06/30/2002
Inspector: D.E.

PBS LIST:
PBS Number: 4-443575
SPDES Number: Not reported
Operator: EMIL MELTZ, JR.
(518) 672-7021
Emergency Contact: JEFF MELTZ
(518) 672-7139
Total Tanks: 4
Owner: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7091
Owner Type: Corporate/Commercial
Owner Mark: Plot Owner
Owner Subtype: Not reported
Mailing Address: MELTZ LUMBER CO.
ATTN: EMIL MELTZ, JR.
463 RT. 217
HUDSON, NY 12534
(518) 672-7021
Tank Status: Closed - Removed
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 1
Tank Type: Steel/carbon steel
Tank Inboard: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Port: 2
Date Tested: Not reported
Date Closed: 09/01/1999
Deleted: False
Dead Letter: False
FANY: Fixed amount for registration fee is correct
Total Capacity: 4000
Tank Status: Minor data missing
Reuse Flag: Record has not been picked
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: 09/02/2000
Inspection Result: Not reported
Lettering: Not reported
Facility Type: MANUFACTURING, TRUCKING/TRANSPORTATION
Town or City: CLAVERACK
Town or City Code: 25
County Code: 10
Region: 4
Install Date: 12/01/1989
Product Stored: DIESEL
Pipe Inboard: Not reported
Pipe Type: GALVANIZED STEEL
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Upgraded: Yes
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 12/15/2000
Expiration Date: 06/30/2002
Inspector: D.E.

PBS Number: 4-443575
SPDES Number: Not reported
CBS Number: Not reported
SWIS ID: 1028

MELTZ LUMBER CO.OF MELLENVILLE, INC (Continued) U003978343

Contact: EARL MELTZ, JR.
Emergency Name: JEFF MELTZ
Emergency Phone: (518) 672-7122
Total Tanks: 4
Total Capacity: 4000
Tank ID: 4
Capacity (Gal): 1000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Install Date: 09/01/1985
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: COPPER
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Gravity
Date Tested: / /
Date Closed: 09/01/1996
Updated: True
Date Inspected: 08/02/2000
Result of Inspection: Not reported
Mailing Name: MELTZ LUMBER CO.
Mailing Address: 483 RT. 217
HUDSON, NY 12534
Mailing Contact: EARL MELTZ, JR.
Mailing Telephone: (518) 672-7021
Owner Mark: Past Owner
Certification Flag: False
Renew Flag: False
Leaking: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: CLAVERACK
Town or City Code: 25
County Code: 39
Region: 4
Postal Amount for Registration Fee is Correct: True

Misc Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: D.E.
Expiration Date: 09/29/2003
Certification Date: 12/19/2000
Renew Date: / /

PBS Number: 4-442975
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: EARL MELTZ, JR.
483 RT. 217

CBS Number: Not reported
SWIS Code: 1529
Previous PBS#: Not reported

MELTZ LUMBER CO.OF MELLENVILLE, INC (Continued) U003978343

HUDSON, NY 12534
Owner Phone: (518) 672-7051
Facility Phone: (518) 672-7021
Operator: EARL MELTZ, JR.
Emergency Name: JEFF MELTZ
Emergency Phone: (518) 672-7125
Total Tanks: 4
Total Capacity: 4000
Tank ID: 1
Capacity (Gal): 1000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Install Date: 09/01/1985
Tank Internal: Not reported
Tank External: PAINTED/ASPHALT COATING
Tank Containment: PREFABRICATED STEEL DIKE
Pipe Type: COPPER
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: PAINTED/ASPHALT COATING
Leak Detection: OTHER
Overfill Protection: Visual Mobile
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: 08/02/2000
Result of Inspection: Not reported
Mailing Name: MELTZ LUMBER CO.
Mailing Address: 483 RT. 217
HUDSON, NY 12534
Mailing Contact: EARL MELTZ, JR.
Mailing Telephone: (518) 672-7021
Owner Mark: Past Owner
Certification Flag: False
Renew Flag: False
Leaking: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: CLAVERACK
Town or City Code: 25
County Code: 39
Region: 4
Postal Amount for Registration Fee is Correct: True

Misc Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: D.E.
Expiration Date: 09/29/2003
Certification Date: 12/19/2000
Renew Date: / /

PBS Number: 4-442975
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial

CBS Number: Not reported
SWIS Code: 1529
Previous PBS#: Not reported

MELTZ LUMBER CO.OF MELLENVILLE, INC (Continued) U003978343

Owner Sub Type: Not reported
Owner: EARL MELTZ, JR.
483 RT. 217
HUDSON, NY 12534
Owner Phone: (518) 672-7051
Facility Phone: (518) 672-7021
Operator: EARL MELTZ, JR.
Emergency Name: JEFF MELTZ
Emergency Phone: (518) 672-7125
Total Tanks: 4
Total Capacity: 4000
Tank ID: 2
Capacity (Gal): 1000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Install Date: 09/01/1985
Tank Internal: Not reported
Tank External: PAINTED/ASPHALT COATING
Tank Containment: DOUBLED-WALLED TANK
Pipe Type: NONE
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: PAINTED/ASPHALT COATING
Leak Detection: INTERSTITIAL MONITORING
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: 08/02/2000
Result of Inspection: Not reported
Mailing Name: MELTZ LUMBER CO.
Mailing Address: 483 RT. 217
HUDSON, NY 12534
Mailing Contact: EARL MELTZ, JR.
Mailing Telephone: (518) 672-7021
Owner Mark: Past Owner
Certification Flag: False
Renew Flag: False
Leaking: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: CLAVERACK
Town or City Code: 25
County Code: 39
Region: 4
Postal Amount for Registration Fee is Correct: True

Misc Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: D.E.
Expiration Date: 09/29/2003
Certification Date: 12/19/2000
Renew Date: / /

PBS Number: 4-442975
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial

CBS Number: Not reported
SWIS Code: 1529
Previous PBS#: Not reported

MELTZ LUMBER CO.OF MELLENVILLE, INC (Continued) U003978343

Facility Type: MANUFACTURING
TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: EARL MELTZ, JR.
483 RT. 217
HUDSON, NY 12534
Owner Phone: (518) 672-7051
Facility Phone: (518) 672-7021
Operator: EARL MELTZ, JR.
Emergency Name: JEFF MELTZ
Emergency Phone: (518) 672-7125
Total Tanks: 4
Total Capacity: 4000
Tank ID: 3
Capacity (Gal): 1000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Install Date: 09/01/1985
Tank Internal: Not reported
Tank External: PAINTED/ASPHALT COATING
Tank Containment: DOUBLED-WALLED TANK
Pipe Type: NONE
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: PAINTED/ASPHALT COATING
Leak Detection: INTERSTITIAL MONITORING
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: 08/02/2000
Result of Inspection: Not reported
Mailing Name: MELTZ LUMBER CO.
Mailing Address: 483 RT. 217
HUDSON, NY 12534
Mailing Contact: EARL MELTZ, JR.
Mailing Telephone: (518) 672-7021
Owner Mark: Past Owner
Certification Flag: False
Renew Flag: False
Leaking: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: CLAVERACK
Town or City Code: 25
County Code: 39
Region: 4
Postal Amount for Registration Fee is Correct: True

Misc Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: D.E.
Expiration Date: 09/29/2003
Certification Date: 12/19/2000
Renew Date: / /

PBS Number: 4-442975
SPDES Number: Not reported

CBS Number: Not reported
SWIS Code: 1529

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

JASER CO.OF HOLLIS/ISLIP, INC (Continued) — U143715343

Federal ID: Not reported — Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 368-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING; TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: EMIL MELTZ, JR.; 463 RT. 217; HUDSON, NY 12534
Owner Phone: (518) 672-7021
Facility Phone: (518) 672-7021
Operator: EMIL MELTZ, JR.
Emergency Name: JEFF MELTZ
Emergency Phone: (518) 672-7129
Total Tanks: 4
Total Capacity: 4000
Tank ID: 4
Capacity [Gals]: 1000
Missing Data for Tank: Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: 11/23/2000
Tank Inbound: OTHER
Tank Outbound: OTHER
Tank Construction: DOUBLED-WALLED TANK
Pipe Type: COPPER
Pipe Location: Aboveground
Pipe Inbound: NONE
Pipe Outbound: NONE
Leak Detection: OTHER
Overfill Prevention: Vent Whistle
Dispenser Method: Not reported
Date Tested: / / — Next Test Date: / /
Date Closed: / / — Test Method: Not reported
Updated: True — Deleted: False
Date Inspected: 09/23/2003 — Inspector: D.S.
Result of Inspection: Not reported
Mailing Name: MELTZ LUMBER CO.
Mailing Address: 463 RT. 217; HUDSON, NY 12534
Mailing Contact: EMIL MELTZ, JR.
Mailing Telephone: (518) 672-7021
Owner Mark: Fleet Owner — Expiration Date: 06/28/2003
Certification Flag: False — Certification Date: 12/19/2003
Restore Flag: False — Restore Date: / /
Lat/Long: Not reported
Quad Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: CLAVERACK
Town or City Code: 20
County Code: 10
Region: 4
Fiscal Amount for Registration Fee Is Correct: True

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

45 — WASTE MGMT. (R. VACCARO; INC.) — SWF/LF — S145842283
North — 143 COURT ST — SWRCY — N/A
1/8-1/4 — BROOKLYN, NY 11231
1259 ft.

Relative: Higher — UP:
Secondary Addr: Not reported — Region Code: 2
Phone Number: 7182889191 — Owner Name: Not reported
Actual: 13 ft. — Owner Type: Not reported
Owner Address: Not reported
Not reported
Not reported
Owner Email: Not reported — Owner Phone: Not reported
Contact Name: NEIL VACCARO
Contact Address: Not reported
Not reported
Not reported
Contact Email: Not reported — Contact Phone: Not reported
Activity Desc: Source reported: solid waste recyclables
Activity Number: 24MC8
Active: No — Accuracy Code: Not reported
North Coordinate: Not reported — East Coordinate: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: None — Authorization Date: Not reported
Expiration Date: Not reported

NY SWRCY
Permit #: None
Region: 2 — Phone Number: 7182889191
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Email: Not reported — Owner Phone: Not reported
Contact Name: NEIL VACCARO
Contact Address: Not reported
Contact Email: Not reported — Contact Phone: Not reported
North Coordinate: Not reported — East Coordinate: Not reported
Active: No
Accuracy Code: Not reported
Regulatory Status: Not reported — Activity Number: 24MC8
Auth. Date: Not reported — Expiration Date: Not reported
Activity Desc: Source reported: solid waste recyclables
Waste Type: Not reported

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46 — BP-METROPOLITAN WEP — VCP — S105122343
NE — 131-135 SECOND AVE — N/A
1/8-1/4 — BROOKLYN, NY 11215
1337 ft.

Relative: Equal — NY VCP:
Facility ID: C224048
Region: 2

Actual: 9 ft.

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

47 — SHAMROCK CONTRACTING CORP. #3 — SWRLF — S105841755
North — 156 BOERUM ST — N/A
1/8-1/4 — BROOKLYN, NY 11231
1456 ft.

Relative: Higher — UP:
Secondary Addr: Not reported — Region Code: 2
Phone Number: 7189758264 — Owner Name: Not reported
Actual: 18 ft. — Owner Type: Not reported
Owner Address: Not reported
Not reported
0
Owner Email: Not reported — Owner Phone: 0
Contact Name: STEVEN BARANCIK; PRESIDENT
Contact Address: Not reported
Not reported
Not reported
Contact Email: Not reported — Contact Phone: Not reported
Activity Desc: Transfer station - recyclables
Activity Number: 24T29
Active: No — Accuracy Code: Not reported
North Coordinate: 0 — East Coordinate: 0
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6102-00048 — Authorization Date: Not reported
Expiration Date: Not reported

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48 — METROPOLITAN GAS LIGHT CO. — Coal Gas — S106696436
ENE — 35 10TH ST. — N/A
1/4-1/2 — BROOKLYN, NY 11215
1442 ft.

Relative: Equal — COAL GAS SITE DESCRIPTION:
Site is east of 3rd Ave., before the Gowanus Canal. Site is between 11th St. and 13th St.
Site later called Brooklyn Union Gas Co. (C14). Site is a CERCLIS Site ID: NYD980536095

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Actual: 2 ft.

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49 — 537 SMITH STREET — LTANKS — S101340725
NNE — 537 SMITH ST — N/A
1/4-1/2 — BKLYN, NY
1567 ft.

Site 1 of 3 in cluster I

Relative: Equal — LTANKS:
Spill Number: 9100283 — Region of Spill: 2
Spill Date: 08/10/1991 14:00 — Reported to Dept: 08/10/91 16:19
ID: Not reported — Date Call Received: Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Region Class 01: Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported — Spill Source: Motor Fuel facility 400,000 gallons
Facility Contact: Not reported — Facility Type: Not reported
Investigator: SPEEDY — SWIS: 61
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

537 SMITH STORERO (Continued) — S101340925
Spiller: OWNER
Spiller Address: Not reported
Spill Cause: Known release that creates a file or hazard. DEC Response, Unidentified/Responsible Party, Corrective action taken, (SIR)
Spill Closed Dt: / /
Spill Notified: Responsible Party — PBS Number: Not reported
Cleanup Closed: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 08/08/96
Is Updated: False
Groundby Action Plan Submitted: / /
Tron Date: Not reported
Date Spill Entered In Computer Data File: 08/13/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Const Leak Rate: Not reported
Materials:
Material Class Typ: 1
Quantity Spilled: .1
Units: Gallons
Gallons Cty Spilled: .1
Quantity Recovered: 0
Gallons Cty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Class Material Service Number: #4 FUEL OIL
Last Date: 07/27/1994
Num Times Material Entry in File: 2199
DEC Remarks: 1/96 BK: REASSIGNED FROM SPOONA TO SPEEDY ON 1/31/94.
Spill Cause: POSSIBLE STRUCTURAL PROBLEMS LEAKS. CLEANED OUT TANKS. WILL INSPECT REF LL.

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50 — BAYSIDE FUEL OIL DEPOT CORP. — MOSF UST — S101633571
NNE — 537 SMITH STREET — MOSF AST — N/A
1/4-1/2 — BROOKLYN, NY 11231
1567 ft.

Site 2 of 3 in cluster I

Relative: Equal — MOSF UST:
Facility ID: 2-1269 — Facility Status: ACTIVE FACILITY
Actual: 13 ft. — SWIS Code: 61 — Facility Type: NEW YORK CITY
Tank Status: In Service — Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI — Contact Phone: (718) 948-1290
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION; 1776 SHORE PARKWAY; BROOKLYN, NY 11214
Owner Tel: (718) 372-1800 — Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION

EDR ID Number
EPA ID Number

BEL OIL DEPOT CORP. (Continued) 31

1776 SHORE PARKWAY
PO BOX 148128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-8808

Owner Status: Y — COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Date Filed: 6/85 — CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-9932
SPDES Num: 8-028808
Total Tanks: 6 — Total Capacity: 1998390
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 222852 — License Stat: Issued
License Issued: 04/07/2001 — Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operations: Tank Truck, Vessel/Barge
Application Rcvd: 01/05/2001 — Tank ID: 008
Tank Location: Underground
Install Date: 12/85 — Capacity (Gal): 15000
Product: Empty — Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground — Pipe Type: STEEL/IRON
Pipe Internal: None — Dispenser: Suction
Pipe External: None
Secondi Contain: None
Leak Detection: Groundwater Well
Overfill Protection: None
Test Date: Not reported — Date Closed: 06/08
Lat/Long: 40[illegible] / 73[illegible]
Inspected Date: 07/17/1998
Inspector Initials: GB
Owner Mark: 3 — Operator Name: VINCENT ALLEGRETTI
Pred Xfer Options: AC — Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported — License Issued: 04/07/2001
Vessel Id: Not reported — Renew Date: 10/31/2001
Pipe Flag: False — Renew Flag: True

Facility ID: 2-1288 — Facility Status: ACTIVE FACILITY
SWIS Code: 61 — Facility Town: NEW YORK CITY
Tank Status: In Service — Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI — Contact Phone: (718) 946-1288
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Owner Tel: (718) 372-8808 — Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 148128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-8808

Owner Status: Y — COI Date: / /
Legal Agent: ALFRED ALLEGRETTI

EDR ID Number
EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) 31

1776 SHORE PARKWAY
BROOKLYN, NY 11214

Date Filed: 6/85 — CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-9932
SPDES Num: 8-028808
Total Tanks: 6 — Total Capacity: 1998390
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 222852 — License Stat: Issued
License Issued: 04/07/2001 — Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operations: Tank Truck, Vessel/Barge
Application Rcvd: 01/05/2001 — Tank ID: 009
Tank Location: Underground
Install Date: 12/85 — Capacity (Gal): 15000
Product: Empty — Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground — Pipe Type: STEEL/IRON
Pipe Internal: None — Dispenser: Suction
Pipe External: None
Secondi Contain: None
Leak Detection: Groundwater Well
Overfill Protection: None
Test Date: Not reported — Date Closed: 03/00
Lat/Long: 40[illegible] / 73[illegible]
Inspected Date: 07/17/1998
Inspector Initials: GB
Owner Mark: 3 — Operator Name: VINCENT ALLEGRETTI
Pred Xfer Options: AC — Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported — License Issued: 04/07/2001
Vessel Id: Not reported — Renew Date: 10/31/2001
Pipe Flag: False — Renew Flag: True

Facility ID: 2-1288 — Facility Status: ACTIVE FACILITY
SWIS Code: 61 — Facility Town: NEW YORK CITY
Tank Status: In Service — Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI — Contact Phone: (718) 946-1288
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Owner Tel: (718) 372-8808 — Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 148128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-8808

Owner Status: Y — COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Date Filed: 6/85 — CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 435-8932
SPDES Num: 8-028808
Total Tanks: 6 — Total Capacity: 1998390
Tank Status: In Service

EDR ID Number
EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) 31

Status of Data: Complete
Avg Throughput: 222852 — License Stat: Issued
License Issued: 04/07/2001 — Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operations: Tank Truck, Vessel/Barge
Application Rcvd: 01/05/2001 — Tank ID: 009
Tank Location: Underground
Install Date: 12/85 — Capacity (Gal): 15000
Product: Empty — Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground — Pipe Type: STEEL/IRON
Pipe Internal: None — Dispenser: Suction
Pipe External: None
Secondi Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 20
Test Date: 6/85 — Date Closed: 06/08
Lat/Long: 40[illegible] / 73[illegible]
Inspected Date: 07/17/1998
Inspector Initials: GB
Owner Mark: 3 — Operator Name: VINCENT ALLEGRETTI
Pred Xfer Options: AC — Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported — License Issued: 04/07/2001
Vessel Id: Not reported — Renew Date: 10/31/2001
Pipe Flag: False — Renew Flag: True

Facility ID: 2-1288 — Facility Status: ACTIVE FACILITY
SWIS Code: 61 — Facility Town: NEW YORK CITY
Tank Status: In Service — Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI — Contact Phone: (718) 946-1288
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Owner Tel: (718) 372-8808 — Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 148128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-8808

Owner Status: Y — COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Date Filed: 6/85 — CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 435-8932
SPDES Num: 8-028808
Total Tanks: 6 — Total Capacity: 1998390
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 222852 — License Stat: Issued
License Issued: 04/07/2001 — Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operations: Tank Truck, Vessel/Barge
Application Rcvd: 01/05/2001 — Tank ID: 006
Tank Location: Underground

EDR ID Number
EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) 31

Install Date: 12/85 — Capacity (Gal): 15000
Product: Empty — Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground — Pipe Type: STEEL/IRON
Pipe Internal: None — Dispenser: Suction
Pipe External: None
Secondi Contain: None
Leak Detection: Groundwater Well
Overfill Protection: None
Test Date: Not reported — Date Closed: 06/08
Lat/Long: 40[illegible] / 73[illegible]
Inspected Date: 07/17/1998
Inspector Initials: GB
Owner Mark: 3 — Operator Name: VINCENT ALLEGRETTI
Pred Xfer Options: AC — Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported — License Issued: 04/07/2001
Vessel Id: Not reported — Renew Date: 10/31/2001
Pipe Flag: False — Renew Flag: True

Facility ID: 2-1288 — Facility Status: ACTIVE FACILITY
SWIS Code: 61 — Facility Town: NEW YORK CITY
Tank Status: In Service — Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI — Contact Phone: (718) 946-1288
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Owner Tel: (718) 372-8808 — Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 148128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-8808

Owner Status: Y — COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214

Date Filed: 6/85 — CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-9932
SPDES Num: 8-028808
Total Tanks: 6 — Total Capacity: 1998390
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 222852 — License Stat: Issued
License Issued: 04/07/2001 — Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operations: Tank Truck, Vessel/Barge
Application Rcvd: 01/05/2001 — Tank ID: 007
Tank Location: Underground
Install Date: 12/85 — Capacity (Gal): 15000
Product: Empty — Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground — Pipe Type: STEEL/IRON
Pipe Internal: None — Dispenser: Suction
Pipe External: None

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102133575

Second Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	00/00
Lat/Long:	40/40/20 / 73/59/53		
Inspected Date:	07/13/1999		
Inspector Initials:	CB		
Owner Mark:	3	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	10/31/2001
Pipe Flag:	False	Renew Flag:	True
Facility ID:	2-1240	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	VINCENT ALLEGRETTI	Contact Phone:	(718) 946-1280
Owner:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY PO BOX 140128 BROOKLYN, NY 11214 ATTN: VINCENT ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	04/85	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5832		
SPDES Num:	0-020806		
Total Tanks:	6	Total Capacity:	1528398
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	122802	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	004
Tank Location:	Underground		
Install Date:	12/85	Capacity (Gal):	15000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	11/95
Lat/Long:	40/40/20 / 73/59/53		
Inspected Date:	07/13/1999		
Inspector Initials:	CB		

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102133575

Owner Mark:	3	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	10/31/2001
Pipe Flag:	False	Renew Flag:	True
Facility ID:	2-1240	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	VINCENT ALLEGRETTI	Contact Phone:	(718) 946-1280
Owner:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY PO BOX 140128 BROOKLYN, NY 11214 ATTN: VINCENT ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	04/85	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5832		
SPDES Num:	0-020806		
Total Tanks:	6	Total Capacity:	1528398
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	122802	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	001
Tank Location:	Underground		
Install Date:	12/46	Capacity (Gal):	300078
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	Impressed Current		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	52		
Test Date:	03/95	Date Closed:	00/00
Lat/Long:	40/40/20 / 73/59/53		
Inspected Date:	07/13/1999		
Inspector Initials:	CB		
Owner Mark:	3	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	10/31/2001
Pipe Flag:	False	Renew Flag:	True
Facility ID:	2-1240	Facility Status:	ACTIVE FACILITY

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102133575

SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	VINCENT ALLEGRETTI	Contact Phone:	(718) 946-1280
Owner:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY PO BOX 140128 BROOKLYN, NY 11214 ATTN: VINCENT ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	04/85	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5832		
SPDES Num:	0-020806		
Total Tanks:	6	Total Capacity:	1968390
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	122802	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	002
Tank Location:	Underground		
Install Date:	12/46	Capacity (Gal):	293612
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	Impressed Current		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	52		
Test Date:	12/95	Date Closed:	Not reported
Lat/Long:	40/40/20 / 73/59/53		
Inspected Date:	07/13/1999		
Inspector Initials:	CB		
Owner Mark:	3	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	10/31/2001
Pipe Flag:	False	Renew Flag:	True
Facility ID:	2-1240	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	VINCENT ALLEGRETTI	Contact Phone:	(718) 946-1280
Owner:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102133575

Mail To:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY PO BOX 140128 BROOKLYN, NY 11214 ATTN: VINCENT ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	04/85	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5832		
SPDES Num:	0-020806		
Total Tanks:	6	Total Capacity:	1968390
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	122802	License Stat:	Issued
License Issued:	04/01/2001	Expiration Date:	03/31/2002
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/05/2001	Tank ID:	003
Tank Location:	Underground		
Install Date:	12/46	Capacity (Gal):	200004
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	Impressed Current		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	52		
Test Date:	12/95	Date Closed:	Not reported
Lat/Long:	40/40/20 / 73/59/53		
Inspected Date:	07/13/1999		
Inspector Initials:	CB		
Owner Mark:	3	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2001
Vessel Id:	Not reported	Renew Date:	10/31/2001
Pipe Flag:	False	Renew Flag:	True
Facility ID:	2-1240	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No:	Not reported
Operator:	VINCENT ALLEGRETTI	Contact Phone:	(718) 946-1280
Owner:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORPORATION 1776 SHORE PARKWAY PO BOX 140128 BROOKLYN, NY 11214 ATTN: VINCENT ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /

YMH4 FUEL OIL DEPOT CORP. (Continued) S102833272

Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Filed: 04/85 CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-5932
SPDES Num: 0-438868
Total Tanks: 6 Total Capacity: 1998399
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 122999 License Stat: Issued
License Issued: 04/01/2001 Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Applic Rcvd: 01/03/2001 Tank ID: 004
Tank Location: Underground
Install Date: 12/65 Capacity (Gal): 15000
Product: Empty Tank Interior: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: None
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 28
Test Date: 11/96 Date Closed: 00/00
Lat/Long: 40d 40m 2s / 73d 54m 53s
Inspected Date: 07/12/1996
Inspector Initials: CB
Owner Mark: 3 Operator Name: VINCENT ALLEGRETTI
Post Xfer Options: AC Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported License Issued: 04/01/2001
Vessel Id: Not reported Renew Date: 10/31/2001
Pipe Flag: False Renew Flag: True

Facility ID: 2-1249 Facility Status: ACTIVE FACILITY
SWIS Code: 61 Facility Town: NEW YORK CITY
Tank Status: In Service Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI Contact Phone: (718) 946-1299
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9900 Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 140128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-9900
Owner Status: 1 COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Filed: 04/85 CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-5932
SPDES Num: 0-438868
Total Tanks: 6 Total Capacity: 1998399

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833272

Tank Status: In Service
Status of Data: Complete
Avg Throughput: 122999 License Stat: Issued
License Issued: 04/01/2001 Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Applic Rcvd: 01/03/2001 Tank ID: 005
Tank Location: Underground
Install Date: 12/65 Capacity (Gal): 25000
Product: Empty Tank Interior: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Paint/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 28
Test Date: 11/96 Date Closed: 11/96
Lat/Long: 40d 40m 2s / 73d 54m 53s
Inspected Date: 07/12/1996
Inspector Initials: CB
Owner Mark: 3 Operator Name: VINCENT ALLEGRETTI
Post Xfer Options: AC Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported License Issued: 04/01/2001
Vessel Id: Not reported Renew Date: 10/31/2001
Pipe Flag: False Renew Flag: True

Facility ID: 2-1249 Facility Status: ACTIVE FACILITY
SWIS Code: 61 Facility Town: NEW YORK CITY
Tank Status: In Service Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI Contact Phone: (718) 946-1299
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9900 Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 140128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-9900
Owner Status: 1 COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Filed: 04/85 CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-5932
SPDES Num: 0-438868
Total Tanks: 6 Total Capacity: 1998399

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833272

Tank Location: Underground
Install Date: 12/65 Capacity (Gal): 15000
Product: Empty Tank Interior: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Paint/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 28
Test Date: 01/96 Date Closed: 11/96
Lat/Long: 40d 40m 2s / 73d 54m 53s
Inspected Date: 07/07/1998
Inspector Initials: CB
Owner Mark: 3 Operator Name: VINCENT ALLEGRETTI
Post Xfer Options: AC Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported License Issued: 04/01/2001
Vessel Id: Not reported Renew Date: 10/31/2001
Pipe Flag: False Renew Flag: True

Facility ID: 2-1249 Facility Status: ACTIVE FACILITY
SWIS Code: 61 Facility Town: NEW YORK CITY
Tank Status: In Service Federal Id No: Not reported
Operator: VINCENT ALLEGRETTI Contact Phone: (718) 946-1299
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9900 Owner Type: UNDEFINED
Mail To: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 140128
BROOKLYN, NY 11214
ATTN: VINCENT ALLEGRETTI
(718) 372-9900
Owner Status: 1 COI Date: / /
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Filed: 04/85 CBS Number: Not reported
Survey Contact: VINCENT ALLEGRETTI, (718) 625-5932
SPDES Num: 0-438868
Total Tanks: 6 Total Capacity: 1998399
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 122999 License Stat: Issued
License Issued: 04/01/2001 Expiration Date: 03/31/2002
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge
Applic Rcvd: 01/03/2001 Tank ID: 001
Tank Location: Underground
Install Date: 12/65 Capacity (Gal): 15000
Product: Empty Tank Interior: None
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833272

Pipe External: Paint/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: High level Alarm
Test Date: Not reported Date Closed: 11/96
Lat/Long: 40d 40m 2s / 73d 54m 53s
Inspected Date: 05/13/1999
Inspector Initials: CB
Owner Mark: 3 Operator Name: VINCENT ALLEGRETTI
Post Xfer Options: AC Operator Name: VINCENT ALLEGRETTI
Inspector Status: Not reported License Issued: 04/01/2001
Vessel Id: Not reported Renew Date: 10/31/2001
Pipe Flag: False Renew Flag: True

MOSF AST:
MOSF Number: 2-1249 Telephone: (718) 946-1299
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9900
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 004
Total Tanks: 6 Daily Throughput: 122999 Gal(s)
Tank Location: Aboveground
Install Date: 12/72 Total Capacity: 1998399
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Tank Internal: None
Product: Nos. 1, 2, or 4 Fuel Oil Capacity (gal): 442122
Status of Date: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Paint/Asphalt Coating
Second Contain: 78
Leak Detection: 35
Overfill Protection: 42
Test Date: 03/97 Date Closed: Not reported
Discovering Mthd: System
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 140128
BROOKLYN, NY 11214
Mailing Contact: VINCENT ALLEGRETTI
Mailing Phone: (718) 372-9900
Pipe Flag: False
Restore Flag: True
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Legal Agent Last Verified with Secretary of State: 04/85
Name of Emergency Contact: VINCENT ALLEGRETTI
Emergency Contact Telephone: (718) 625-5932
Chemical Bulk Storage Number: Not reported

BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833678

Petroleum Discharge Elimination System Num: G-028936
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)

Operator Name: VINCENT ALLEGRETTI
Lat/Long: 40.60528 / 73.99153
Vessel ID: Not reported
Inspected Status: Not reported
Inspected Date: 07/13/1999
Owner Status: 1
Owner Mark: 3
LIC Expires: 03/31/2002
Renew Date: 10/01/2001
Inspector Initials: GB
COI Date: / /

MOSF Number: 2-1289 Telephone: (718) 946-1289
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 005
Total Tanks: 6 Daily Throughput 122852 Gal(s)
Tank Location: Aboveground
Install Date: 12/72 Total Capacity: 1995280
Tank Type: Steel/stainless steel
Tank External: Painted/Asphalt Coating
Tank Internal: Epoxy Liner
Product: Nos. 5, 2, or 4 Fuel Oil Capacity (gal): 448142
Status of Date: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Painted/Asphalt Coating
Secondl Containr: 75
Leak Detection: 25
Overfill Protection: 42
Test Date: 03/97 Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 149138
BROOKLYN, NY 11214
Mailing Contact: VINCENT ALLEGRETTI
Mailing Phone: (718) 372-9800
Pipe Flag: False
Reserve Flag: True
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214

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BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833678

Date Legal Agent Filed with Secretary of State: 04/85
Name of Emergency Contact: VINCENT ALLEGRETTI
Emergency Contact Telephone: (718) 625-6832
Chemical Bulk Storage Number: Not reported
Petroleum Discharge Elimination System Num: G-028936
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)

Operator Name: VINCENT ALLEGRETTI
Lat/Long: 40.60528 / 73.99153
Vessel ID: Not reported
Inspected Status: Not reported
Inspected Date: 07/13/1999
Owner Status: 1
Owner Mark: 3
LIC Expires: 03/31/2002
Renew Date: 10/01/2001
Inspector Initials: GB
COI Date: / /

MOSF Number: 2-1289 Telephone: (718) 946-1289
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 006
Total Tanks: 6 Daily Throughput 122852 Gal(s)
Tank Location: Aboveground on crib, rack or cradle
Install Date: 12/72 Total Capacity: 1995280
Tank Type: Steel/stainless steel
Tank External: None
Tank Internal: None
Product: Nos. 5, 2, or 4 Fuel Oil Capacity (gal): 3000
Status of Date: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Painted/Asphalt Coating
Secondl Containr: 66
Leak Detection: 25
Overfill Protection: 66
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 149138
BROOKLYN, NY 11214
Mailing Contact: VINCENT ALLEGRETTI
Mailing Phone: (718) 372-9800
Pipe Flag: False

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BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833678

Reserve Flag: True
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Legal Agent Filed with Secretary of State: 04/85
Name of Emergency Contact: VINCENT ALLEGRETTI
Emergency Contact Telephone: (718) 625-6832
Chemical Bulk Storage Number: Not reported
Petroleum Discharge Elimination System Num: G-028936
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)

Operator Name: VINCENT ALLEGRETTI
Lat/Long: 40.60528 / 73.99153
Vessel ID: Not reported
Inspected Status: Not reported
Inspected Date: 07/13/1999
Owner Status: 1
Owner Mark: 3
LIC Expires: 03/31/2002
Renew Date: 10/01/2001
Inspector Initials: GB
COI Date: / /

MOSF Number: 2-1289 Telephone: (718) 946-1289
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Owner Tel: (718) 372-9800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 007
Total Tanks: 6 Daily Throughput 122852 Gal(s)
Tank Location: Aboveground on crib, rack or cradle
Install Date: 12/72 Total Capacity: 1995280
Tank Type: Steel/stainless steel
Tank External: None
Tank Internal: None
Product: Nos. 5, 2, or 4 Fuel Oil Capacity (gal): 3000
Status of Date: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: Painted/Asphalt Coating
Secondl Containr: 66
Leak Detection: 25
Overfill Protection: 66
Test Date: Not reported Date Closed: 1 YR
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 149138

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BAYSIDE FUEL OIL DEPOT CORP. (Continued) S102833678

BROOKLYN, NY 11214
Mailing Contact: VINCENT ALLEGRETTI
Mailing Phone: (718) 372-9800
Pipe Flag: False
Reserve Flag: True
Legal Agent: ALFRED ALLEGRETTI
1776 SHORE PARKWAY
BROOKLYN, NY 11214
Date Legal Agent Filed with Secretary of State: 04/85
Name of Emergency Contact: VINCENT ALLEGRETTI
Emergency Contact Telephone: (718) 625-6832
Chemical Bulk Storage Number: Not reported
Petroleum Discharge Elimination System Num: G-028936
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)

Operator Name: VINCENT ALLEGRETTI
Lat/Long: 40.60528 / 73.99153
Vessel ID: Not reported
Inspected Status: Not reported
Inspected Date: 07/13/1999
Owner Status: 1
Owner Mark: 3
LIC Expires: 03/31/2002
Renew Date: 10/01/2001
Inspector Initials: GB
COI Date: / /

S11
NNE
1/4-1/2
1561 ft.

137 SMITH STREET,BROOKLYN,NY
137 SMITH STREET
BROOKLYN, NY

LTANKS S100167815
N/A

Site 3 of 3 in cluster F

Relative:
Equal

LTANKS:
Spill Number: 90PE01 Region of Spill: 2
Actual: Spill Date: 1/26/1990 16:50 Reported to Dept: 1/27/90 08:15
3 ft. Oil: Not reported Date Cnfl Received: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Recipient Client Cd: Not reported
Recipient Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported Facility Tele: (212) 366-0587
Investigator: SHEEH SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Known release that requires prompt action by responsible party, DEC Response, Environmentally Responsible Party, Corrective action taken.(ERP)
Spill Cont Cd: / /
Spill Notifier: Tank Tester PBS Number: Not reported

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Map ID / Direction / Distance / Distance (ft.) / Elevation — Site — Database(s) — EDR ID Number / EPA ID Number

...ATH STAR/LTHYCRRG (Continued) — S104157719

Cleanup Cmncd: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spills Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Updated: 11/15/94
Is Updated: False
Corrective Action Plan Submitted: / /
Tran Date ?: Not reported
Date Spill Entered In Computer Data File: 12/10/90
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gram Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: 82 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Tran Three Material Entry In File: 24464
DEC Remarks: 1/9/1995 REASSIGNED FROM BROOKLYN TO BREEM ON 1/9/1995.
Spill Cause: 10K TANK FAILED PETRO TITE WITH A LEAK RATE OF -0.340PH.

S3 — 45-16 REALTY — LTANKS — S103949909 — N/A
ESE — 45-16 19TH AVE
1/4-1/2 — BROOKLYN, NY
1161 ft.

Relative: Higher
Actual: 2 ft.

LTANKS:
Spill Number: 9906467 — Region of Spill: 2
Spill Date: 04/14/1999 08:10 — Reported to Dept: 04/14/99 08:28
ID: Not reported — Date Call Received/Not Reported:
Material Spilled ?: Not reported — Amount Spilled ? : Not reported
Region Close Dt : Not reported
Remarks Attached: No Saved
Spill Closed: Tank Over/Ill
Water Affected: Not reported — Spill Source: Commercial Vehicle
Facility Contact: RICHARD SILLER — Facility Tele: (732) 750-6530
Investigator: TOMASELLO — SWIS: 61
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS # : Not reported
Spiller Contact: OMAR — Spiller Phone: (718) 851-6321
Spiller: AMERADA HESS CORP

7261350156.1r Page 138

Map ID / Direction / Distance / Distance (ft.) / Elevation — Site — Database(s) — EDR ID Number / EPA ID Number

45-16 REALTY (Continued)

Spiller Address: 1 HESS PLAZA
WOODBRIDGE, NJ 07095
Spill Class: Known release but source unknown or no release after investigation
Willing Responsible Party, Corrective action taken
Spill Closed Dt: / /
Spill Notifier: Responsible Party — Not Reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Updated: 04/22/99
Is Updated: False
Corrective Action Plan Submitted: / /
Tran Date ?: Not reported
Date Spill Entered In Computer Data File: 04/14/99
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gram Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 25
Units: Gallons
Unknown Qty Spilled: 25
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: 82 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: 82 FUEL OIL
Last Date: 07/29/1994
Tran Three Material Entry In File: 2180
DEC Remarks: Not reported
Spill Cause: CALLER STATES DRIVER OVERFILLED TANK AND OIL SPILL ONTO GROUND AND INTO SEWER. CLEAN UP COMPANY WITH A VAC TRUCK WILL BE RESPONDING TO CLEAN UP THE SEWER.

S5 — BROOKLYN UNION GAS CO. — Coal Gas — S103944904 — N/A
West — 157 RIDGE AVE.
1/4-1/2 — BROOKLYN, NY 11232
1578 ft.

Relative: Equal

COAL GAS SITE DESCRIPTION:
Site is on the western side of 2nd Ave. between 15th St. and above 11th Street would have been. Site is bordered on the west by the Gowanus Canal. (C14)

Actual: 2 ft.

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Map ID / Direction / Distance / Distance (ft.) / Elevation — Site — Database(s) — EDR ID Number / EPA ID Number

S4 — HAMILTON AVENUE INCINERATOR — CERCLIS — 100025149
FINDS — NYD986978739
E/E — 668 HAMILTON AVE
1/4-1/2 — BROOKLYN, NY 11232
1693 ft.

Relative: Equal

CERCLIS Classification Data:
Site treated/categorized reported: —
Federal Facility: Not a Federal Facility
Non-NPL Status: AC
Owner/Op Status: Other
NPL Status: Not on the NPL
Site Description: Decision has made to be finalized.
CERCLIS Assessment History:
Assessment: DISCOVERY — Completed: 09/01/1983
Assessment: SITE INSPECTION — Completed: 10/01/1983
Assessment: PRELIMINARY ASSESSMENT — Completed: 10/01/1983
CERCLIS Site Status:
Type:
CERCLIS Alias Name(s):
HAMILTON AVE. PIERS 10TH & 11TH ST.
FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comprehensive Environmental Response, Compensation and Liability Information System
Integrated Compliance Information

S5 — EM ME DUKE CO — RCRA-SQG — 1000210455
E/E — 74 10TH ST — FINDS — NYD091960471
1/4-1/2 — BROOKLYN, NY 11232 — RCRA-TSDF
1697 ft. — CORRACTS

Relative: Equal

CORRACTS Data:
EPA Id: NYD091960471
Region: 2
Area Name: STATEWIDE
Actual Date: 02/28/1990
Corrective Action: CA666 - RFA Completed
2002 NAICS 1St: Not Reported
EPA Id: NYD091960471
Region: 2
Area Name: STATEWIDE
Actual Date: 04/05/1994
Corrective Action: CA070NE - CA Prioritization, Facility or area was assigned a medium corrective action priority
2002 NAICS 1St: Not Reported
RFA/Addl Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 04/05/1994
Event: RFA Completed
Event Date: 02/28/1990

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Map ID / Direction / Distance / Distance (ft.) / Elevation — Site — Database(s) — EDR ID Number / EPA ID Number

GENEVOISE CO (Continued) — 1000224836

RCRAInfo:
Owner: ENE GENEVOISE CO DIV PLC INC
(212) 995-2700
EPA ID: NYD981960471
Contact: SAM SPIEGEL
(516) 365-2700
Classification: TSDF
TSDF Activities: Not reported
Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/07/1985
Actual Date Achieved Compliance: 03/31/1985
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/27/1985
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 11/06/1985
Actual Date Achieved Compliance: 12/06/1985
Enforcement Action: 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/06/1985
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/06/1985
Actual Date Achieved Compliance: 11/06/1985
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/06/1985
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 08/15/1988
Actual Date Achieved Compliance: 11/08/1988
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/15/1988
Penalty Type: Proposed Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/23/1988
Penalty Type: Proposed Monetary Penalty

There are 4 Violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Schedule Evaluation	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19880323
Compliance Schedule Evaluation	FORMAL ENFORCEMENT AGREEMENT	19881218
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19841130
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19821109
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19821109

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OSE CO (Continued) 1009218955

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

RHOS:
Other Pertinent Environmental Activity Identified at Site:
Integrated Compliance Information
Resource Conservation and Recovery Act Information system

SE 537 SMITH ST/BKLYN/CUMBERLD LTANKS S106158113
NNE 537 SMITH STREET N/A
1/4-1/2 BROOKLYN, NY
1568 ft.

Relative: Equal

LTANKS:
Spill Number: 9306292 Region of Spill: 2
Spill Date: 11/29/1993 15:10 Reported to Dept: 11/29/93 16:12
ID: Not reported Date Call Received:Not reported
Material Spilled 1: Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported Facility Type: Not reported
Investigator: BOSEN SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: CERO
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Viable/Identified Responsible Party. Corrective action taken. (SIR)
Spill Closed On: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 11/16/94
Is Updated: False
Corrective Action Plan Submitted: / /
True Data : Not reported
Data Spill Entered In Computer Data File: 12/10/93
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Last Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

537 SMITH ST/BKLYN/CUMBERLD (Continued) S106158113

Manifest:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Class Abstract Service Number: DIESEL
Last Date: 07/22/1994
Num Times Material Entry In File: 10625
DEC Remarks: 11/29/93: PUMPING OUT PRODUCT IMMEDIATELY INTO ANOTHER STORAGE TANK. W3. POSSIBLY DO INTERNAL INSPECTION. 11/16/94: REASSIGNED FROM SIGONA TO R REEN ON 11/16/94.
Spill Cause: UST TANK FAILED PETRO TITE SYSTEMS TEST. UNDERGROUND TANK.

NW AVE J & E 16TH ST/FP/S LTANKS S106157379
SSE AVENUE J/E 16TH ST N/A
1/4-1/2 NEW YORK CITY, NY
1591 ft.

Site 1 of 2 in cluster J

Relative: Equal

LTANKS:
Spill Number: 9306486 Region of Spill: 2
Spill Date: 09/27/1993 10:00 Reported to Dept: 09/27/93 10:24
ID: Not reported Date Call Received:Not reported
Material Spilled 1: Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported Facility Type: (718) 648-0222
Investigator: BATISTA SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: USPS
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed On: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 09/27/93
Is Updated: False
Corrective Action Plan Submitted: / /
True Data : Not reported
Data Spill Entered In Computer Data File: 09/30/93

AVE J & E 16TH ST/FP/S (Continued) S106157379

Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Manifest:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 14464
DEC Remarks: Not reported
Spill Cause: DURING TANK EXCAVATION CONTAMINATED SOIL WAS DISCOVERED. WILL DISPOSE.

S3 GOWANUS BAY LTANKS S103599154
WSW COURT ST - PIER 6 N/A
1/4-1/2 BROOKLYN, NY
1639 ft.

Relative: Lower

LTANKS:
Spill Number: 9710076 Region of Spill: 2
Spill Date: 12/10/1997 10:25 Reported to Dept: 12/10/97 10:56
ID: Not reported Date Call Received:Not reported
Material Spilled 1: Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: Surface Water
Spill Cause: Tank Failure
Water Affected: GOWANUS BAY Spill Source: Vessel
Facility Contact: JOHN SHORE Facility Type: (212) 536-4511
Investigator: MARTINRAT SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: PETER HACKETT Spiller Phone: (715) 394-4136
Spiller: SPENTONHUSH RED STAR
Spiller Address: 1185 AVE OF AMERICA'S NEW YORK, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed On: 12/10/97
Spill Notifier: Fire Department PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /

GOWANUS BAY (Continued) S103599154

UST Involvement: False
Spill Record Last Update: 12/15/97
Is Updated: False
Corrective Action Plan Submitted: / /
True Data : Not reported
Data Spill Entered In Computer Data File: 12/10/97
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Manifest:
Material Class Type: 1
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 2
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Class Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
DEC Remarks: Not reported
Spill Cause: fuelling fuel tank driver is nearby and fuel is being observed up

S5 RED HOOK EAST UST U003634223
NW 770 HENRY STREET LTANKS N/A
1/4-1/2 BROOKLYN, NY 11231
1693 ft.

Relative: Higher

LTANKS:
Spill Number: 9105908 Region of Spill: 2
Spill Date: 09/23/1991 10:30 Reported to Dept: 09/23/91 12:25
ID: Not reported Date Call Received:Not reported
Material Spilled 1: Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported Facility Type: (212) 358-3143
Investigator: ZACCACIO SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: MYCHA
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed On: / /
Spill Notifier: Tank Tester PBS Number: 2-001815
Cleanup Ceased: / /
Last Inspection: / /

RED HOOK EAST (Continued) 1002834223

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spill Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 08/23/94
Is Updated: False
Corrective Action Plan Submitted: / /
Tres Date: Not reported
Date Spill Entered In Computer Data File: 08/30/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 001
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/01/1994
How Three Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: TNK TANK, HOPPER VZ CHECK, GROSS LEAK-SYSTEM TEST BJ R

FINDS LIST:
PBS Number: 2-601675
SPDES Number: Not reported
Operator: LUIS PONCE
(718) 209-5725
Emergency Contact: EMERGENCY SERVICE DEPARTMENT
(718) 289-3949
Total Tanks: 1
Owner: NYC HOUSING AUTHORITY
23-02 49TH AMENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Owner Type: Local Government
Owner Mode: Fleet Owner
Owner Subtype: 01
Mailing Address: NYC HOUSING AUTHORITY
ATTN: LUIS PONCE
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Tank Status: In Service
Capacity (gals): 15000
Tank Location: UNDERGROUND
Tank Id: TK #1
CBS Number: Not reported
SWIS ID: 0101
Install Date: 05/01/1994

RED HOOK EAST (Continued) 1002834223

Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Pipe Location: Underground
Tank External: FIBERGLASS
Mailing Date for Tank: Minor Data Missing
Pipe External: SACRIFICIAL ANODE/JACKETED
Second Containment: DOUBLED WALLED TANK
Leak Detection: INVENTORY& MONITORING
Overfill Prot: High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FANST: Fiscal amount for registration fee is correct
Total Capacity: 15000
Tank Sensor: Minor data missing
Reason Flag: Record has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: APARTMENT BUILDING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Product Stored: MOR 1,2, OR 4 FUEL OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Dispenser: Suction
Last Test Date: Not reported
Test Method: Not reported
Updated: Yes
Owner Survey: Minor data missing
Removed Date: Not reported
Federal ID: Not reported
Facility Survey: No data missing
Certification Date: 01/05/2001
Expiration Date: 05/01/2004
Inspector: Not reported

CBS Number: Not reported
SWIS ID: 0101

Tank Status: Closed - In Place
Capacity (gals): 15000
Tank Location: UNDERGROUND
Tank Id: OLD TK #1
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: 1
Tank External: NONE
Mailing Date for Tank: Minor Data Missing
Pipe External: WRAPPED (PIPING)
Install Date: 11/01/1939
Product Stored: MOR 1,2, OR 4 FUEL OIL
Pipe Internal: NONE
Pipe Type: STEEL/IRON

RED HOOK EAST (Continued) 1002834223

Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Product Level Gauge
Date Tested: Not reported
Date Closed: 05/01/1994
Deleted: False
Dead Letter: False
FANST: Fiscal amount for registration fee is correct
Total Capacity: 15000
Tank Sensor: Minor data missing
Reason Flag: Record has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lettering: Not reported
Facility Type: APARTMENT BUILDING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Dispenser: Suction
Last Test Date: Not reported
Test Method: Not reported
Updated: Yes
Owner Survey: Minor data missing
Removed Date: Not reported
Federal ID: Not reported
Facility Survey: No data missing
Certification Date: 01/05/2001
Expiration Date: 05/01/2004
Inspector: Not reported

J64
SSE
1/4-1/2
1712 ft.
Relative:
Equal
Actual:
2 ft.

SHAMROCK CONTRACTING CORP.
95-99 15TH STREET
BROOKLYN, NY 11231

STATE S105041754
NIA

Site 1 of 2 in cluster J

UST:
Secondary Addr : Not reported
Phone Number : 7186736264
Owner Type : Not reported
Owner Addr ext : Not reported
Not reported
9
Owner Email : Not reported
Contact Name : STEVE BARRANCA; PRESIDENT
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : Transfer station - registered
Activity Number : 24728
Active : No
North Coordinate : 0
Regulatory Status Not reported
Waste Type : Not reported
Authorization # : 2-6102-00546
Expiration Date : Not reported

Region Code : 2
Owner Name : Not reported

Owner Phone : 0

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 0

Authorization Date Not reported

K14
NNW
1/4-1/2
1760 ft.

Relative:
Higher

Actual:
17 ft.

RED HOOK EAST
634 CLINTON STREET
BROOKLYN, NY 11231

UST S105041714
LTANKS NIA
NY Spills

Site 1 of 2 in cluster K

SPILLS:
Spill Number: 9903339
Spill Date: 05/27/1999 12:34
Spill Cause: Not reported
Spill Class: Human Error
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SACCADO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS #: Not reported
Spiller Contact: LOUIS PONCE
Spiller: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
NEW YORK, NY 10007
DEC Remarks: 1000 GALLONS WAS PUMPED INTO THE INTERSTITIAL SPACE OF THE TANK VIA THE LEAK DETECTION PROBE/LINE. ABOUT 100 OF THAT OVERFLOWED ONTO THE GRASS. THE TANK INTERSTITIAL SPACE WAS VACKED OUT. THERE WAS NO METER TO DETERMINE THE AMOUNT OF OIL THAT WA
S RECOVERED. I REQUESTED THE INNER AND OUTER TANK BE PRESSURE TESTED TO DETERMINE IF THE TANK WAS DAMAGED BY THE PRESSURE THAT THE OIL WAS DELIVERED WITH. THE SATURATED SOIL WAS EXCAVATED AND REMOVED. ss
Remark: called stating the other connected tank is a standing well - not the storage tank.
Spill Class: Known poisson with minimal potential for fire or hazard, DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
Reported to Dept: 05/27/99 15:10

Region Class Data Not reported
Amount Spilled 1 : Not reported
Resource Affected: On Land
Spill Source: Tank Truck
Facility Type: (718) 384-3712
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: (212) 306-3142

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 20
Units: Gallons
Unknown Qty Spilled: 20
Quantity Recovered: 20
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
How Three Material Entry In File: 24464
Spill Closed Dt: / /
Spill Notifier: Affected Persons
Closed Caused: / /
Last Inspection: / /

PBS Number: 47 2295

Owner Name SWIS Code

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

RED HOOK EAST (Continued) — U000416714

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dtl: / /
Invoice Complete: / /
Spill Record Last Update: 06/25/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/23/96
Date Region Sent Summary to Central Office: / /
Text Date: Not reported

LTANK:
Spill Number: 90 1578
Spill Date: 09/08/2000 15:20
ID: Not reported
Material Spilled 1: Not reported
Region Close Dt: Not reported
Removals Affect: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: ED MALONE
Investigator: SADOCKEO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: SERVURD MULONE
Spiller: NEW YORK, CITY HOUSING
Spiller Address: 123 WILLIAM STREET
NEW YORK, 10038
Spill Class: Keyline release with pinhole potential for fire or hazard. DEC Responds.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 06/25/96
Is Updated: False
Corrective Action Plan Submitted: / /
True Date: Not reported
Date Spill Entered In Computer Data File: 09/25/96
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0

Region of Spill: 2
Reported to Dept: 09/08/00 20:26
Date Cal Received: Not reported
Amount Spilled 1: Not reported

Spill Source: Other Non Commercial/Industrial
Facility Tele: (212) 306-3233
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 306-6485

PBS Number: Not reported

RED HOOK EAST (Continued) — U000416714

Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Un/Sub: #4 FUEL OIL
Close Type: Petroleum
Close Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Have Tested Material Entry In File: 1791
DEC Remarks: Not reported
Spill Cause: DURING TANK REMOVAL, CONTAMINTED SOIL WAS DISCOVERED. REMOVED FROM SITE.

PBS LIST:
PBS Region: 2-473885
SPDES Number: Not reported
Operator: LUIS PONCE
(718) 707-5725
Emergency Contact: EMERGENCY SERVICE DEPT.
(718) 286-3040
Total Tanks: 1
Owner: NYC HOUSING AUTHORITY
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: 51
Mailing Address: NYC HOUSING AUTHORITY
ATTN: LUIS PONCE
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Tank Status: Closed - In Place
Capacity (gals): 15000
Tank Location: UNDERGROUND
Tank Id: 1
Tank Type: Fiberglass coated steel
Tank Internal: NONE
Pipe Location: Underground
Tank External: NONFIBERGLASS
Mtrng Date for Tank: No Mtrng Date
Pipe External: SACRIFICIAL ANODE/UNCKNOWN
Second Containment: NONE/DOUBLED-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING
Overfill Prot: High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dtnd Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 15000
Tank Source: Most data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Listing: Not reported

CBS Number: Not reported
SWIS ID: 6191

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: Yes
Owner Screen: Minor data missing

Removal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 01/05/2001
Expiration Date: 03/30/2004
Inspector: Not reported

RED HOOK EAST (Continued) — U000416714

Facility Type: APARTMENT BUILDING
Town or City: NEW YORK CITY
Town or City Code: 61
County Code: 61
Region: 2

PBS Number: 2-473885
SPDES Number: Not reported
Operator: LUIS PONCE
(718) 707-5725
Emergency Contact: EMERGENCY SERVICE DEPT.
(718) 286-3040
Total Tanks: 1
Owner: NYC HOUSING AUTHORITY
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: 51
Mailing Address: NYC HOUSING AUTHORITY
ATTN: LUIS PONCE
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Tank Status: Closed - In Place
Capacity (gals): 15000
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: I
Tank External: Not reported
Mtrng Date for Tank: Minor Data Missing
Pipe External: WRAPPED PIPING
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Product Level Gauge
Date Tested: Not reported
Date Closed: 04/01/1999
Deleted: False
Dtnd Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 15000
Tank Source: Most data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Listing: Not reported
Facility Type: APARTMENT BUILDING
Town or City: NEW YORK CITY
Town or City Code: 61
County Code: 61
Region: 2

CBS Number: Not reported
SWIS ID: 6191

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: Yes
Owner Screen: Minor data missing

Tank Id: 001
Install Date: 11/01/1938
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Removal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 01/05/2001
Expiration Date: 03/30/2004
Inspector: Not reported

RED HOOK EAST (Continued) — U000416714

PBS Number: 2-473885
SPDES Number: Not reported
Operator: LUIS PONCE
(718) 707-5725
Emergency Contact: EMERGENCY SERVICE DEPT.
(718) 286-3040
Total Tanks: 1
Owner: NYC HOUSING AUTHORITY
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Owner Type: Local Government
Owner Mark: First Owner
Owner Subtype: 51
Mailing Address: NYC HOUSING AUTHORITY
ATTN: LUIS PONCE
23-02 49TH AVENUE
LONG ISLAND CITY, NY 11101
(718) 707-5725
Tank Status: In Service
Capacity (gals): 15000
Tank Location: UNDERGROUND
Tank Id: NEW TANK
Tank Type: Fiberglass coated steel
Tank Internal: 0
Pipe Location: Underground
Tank External: FIBERGLASS
Mtrng Date for Tank: Minor Data Missing
Pipe External: OTHER
Second Containment: DOUBLED-WALLED Tank
Leak Detection: IN-TANK SYSTEM
Overfill Prot: Float Vent Valve, High Level Alarm
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dtnd Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 15000
Tank Source: Most data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Listing: Not reported
Facility Type: APARTMENT BUILDING
Town or City: NEW YORK CITY
Town or City Code: 61
County Code: 61
Region: 2

CBS Number: Not reported
SWIS ID: 6191

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: Yes
Owner Screen: Minor data missing

Install Date: 03/01/2000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: OTHER
Pipe Type: NOT DEFINED

Removal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 01/05/2001
Expiration Date: 03/30/2004
Inspector: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

150 HOOK EAST — LTANKS — S105184154 — N/A
on CLINTON STREET
NEW YORK CITY, NY

Site 2 of 2 in cluster K

LTANKS:
Spill Number: 9011388 — Region of Spill: 2
Spill Date: 01/25/1991 11:05 — Reported to Dept: 01/25/91 15:28
ID: Not reported — Date Call Received: Not reported
Material Spilled 1: Not reported — Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported — Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported — Facility Tele: (212) 306-3742
Investigator: SAOCAC30 — SWIS: 31
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS # : Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: HYCHA
Spiller Address: 250 BROADWAY
NEW YORK, N.Y.
Spill Close: Known release with minimal potential for fire or hazard, DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester — PBS Number: 3-473505
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 08/23/94
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 03/28/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 001
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: 02 FUEL OIL

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

A80 HOOK EAST (Continued) — S105184734

Class Type: Petroleum
Class Abstract Service Number: 12 FUEL OIL
Last Date: 03/07/1994
How Many Material Entry In File: 21464
DEC Remarks: Not reported
Spill Close: 15K TANK FAILED SYSTEM TEST,ROESER EZY CHECK WITH A GROSS LEAK,WILL REPL ACE LEAKING PETROMETER.

63 — 11TH ST. & 3RD AVE. — LTANKS — S109484945
ESE — 11TH ST / 3RD AVE
1/4-1/2 — BROOKLYN, NY
1137 ft.

Relative: Equal

LTANKS:
Spill Number: 8214388 — Region of Spill: 2
Spill Date: 03/30/1993 09:45 — Reported to Dept: 03/30/93 10:14
ID: Not reported — Date Call Received: Not reported
Material Spilled 1: Not reported — Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported — Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported — Facility Tele: Not reported
Investigator: GARDINER — SWIS: 31
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS # : Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: US POST OFFICE
Spiller Address: 11TH ST.& 3RD AVE.
BROOKLYN, NY
Spill Close: Known release with minimal potential for fire or hazard, DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other — PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 03/30/93
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 04/01/93
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:

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Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

11TH ST. & 3RD AVE. (Continued) — S109484945

Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: LUBE OIL
Class Type: Petroleum
Class Abstract Service Number: LUBE OIL
Last Date: 07/28/1994
How Many Material Entry In File: 295
Material: LUBRICATING OIL
Class Type: Petroleum
Class Abstract Service Number: LUBRICATING OIL
Last Date: Not reported
How Many Material Entry In File: 282
DEC Remarks: Not reported
Spill Cause: PULLING TANKS, DISCOVERED CONTAMINATED SOIL HOLES IN TANK, STOCK PILED SOIL, WILL SAMPLE TEST DISPOSE, TANKS WERE CLEANED BEFORE PULLING, WILL HOLD TANKS ON SIGHT UNTIL TOMORROW FOR DEC INSPEC SITE BEING HANDLED BY HAZ. WASTE SECTION.

64 — 3RD AV / 14TH ST — LTANKS — S105997826
ESE — 3RD AV / 14TH ST
1/4-1/2 — BROOKLYN, NY
1211 ft.

Relative: Equal

LTANKS:
Spill Number: 0207372 — Region of Spill: 2
Tank Number: Not reported — Tank Size : Not reported
Test Method: Not reported — Leak Rate: Not reported
Spill Date: 10/1/1992 — Reported to Dept: / /
ID: 13687 — Date Call Received: 10/1/92
Material Spilled 1: GASOLINE — Amount Spilled 1 : 2 Gal.
Region Close Dt : 03/03/93
Resource Affected: ON LAND
Spill Cause: TANK FAILURE
Water Affected: Not reported — Spill Source: COMMERCIAL VEHICLE

Spill Number: 0207372 — Region of Spill: 2
Tank Number: Not reported — Tank Size : Not reported
Test Method: Not reported — Leak Rate: Not reported
Spill Date: 10/1/1992 — Reported to Dept: / /
ID: 13679 — Date Call Received: 9/17/92
Material Spilled 1: GASOLINE — Amount Spilled 1 : 2 Gal.
Region Close Dt : 03/03/93
Resource Affected: ON LAND
Spill Cause: TANK FAILURE
Water Affected: Not reported — Spill Source: COMMERCIAL VEHICLE

Map ID / Direction / Distance / Distance (ft.) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

65 — 250 HAMILTON AVE/BROOKLYN — LTANKS — S109147928
North — 250 HAMILTON AVENUE
1/4-1/2 — NEW YORK CITY, NY
2913 ft.

Relative: Higher

LTANKS:
Spill Number: 9 108446 — Region of Spill: 2
Spill Date: 04/08/1991 16:10 — Reported to Dept: 04/08/91 16:10
ID: Not reported — Date Call Received: Not reported
Material Spilled 1: Not reported — Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported — Spill Source: Gas Station
Facility Contact: Not reported — Facility Tele: (718) 858-6942
Investigator: SAOCAN — SWIS: 31
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS # : Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: 250 STAR GAS
Spiller Address: 250 HAMILTON AVENUE
BROOKLYN, NY 11231
Spill Close: Known release limit meeting a fire hazard, DEC Responds, Willing Responsible Party, Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester — PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 09/17/96
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 04/11/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Pounds
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: Yes
Material: GASOLINE
Class Type: Petroleum

A TOR AVENUE/6TH (Continued) S108548828

Clean Abstract Service Number: GASOLINE
Last Date: 09SEP1994
Item Three Materials Entry in File: 21328
DEC Remarks: DEC 3Spcns reassigned from DEC 3spl(ncn) on 9/17/1998. Wells overlooking Elm found active tank test failure on site. DEC 3Spcns supervised tst investigation at this site in Dec. 1991.
Spill Cause: 8) SEQUAL TANKS MANIFOLDED,SYSTEM TEST,FAILED PETRO TITE WITH A LEAK RAT E OF - .387GPH,WILL EXCAVATE,ISOLATE RETEST.

NE 44-21 9TH STSNT TEL LTANKS S109777516
NE 44-21 9TH ST N/A
SW-1/2 BKLYN, NY
0.01 ft.

Relative: Equal
Actual: 1 ft.

LTANKS:
Spill Number: 9110490 Region of Spill: 2
Spill Date: 01/07/1992 15:30 Reported to Dept: 01/07/92 15:49
ID: Not reported Date Call Received:Not reported
Material Spilled 1: Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Construction/Industrial
Facility Contact: Not reported Facility Tele: Not reported
Investigator: TIERNE SWIS: 01
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS ? Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: NY TEL
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party, Corrective action taken.
Spill Closed On: 02/3/92
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 02/10/92
Is Updated: False
Corrective Action Plan Submitted: / /
Tron Date : Not reported
Date Spill Entered In Computer Data File: 01/08/92
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:

44-21 9TH STSNT TEL (Continued) S109777516

Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 10/07/1994
Item Three Material Entry in File: 24484
DEC Remarks: SEE ALSO 91-3008. SEE FILE.
Spill Cause: 3K PETROTITE -.751 GPH; 1.5 H

NF 21 ST OFF 3RD AVENUE LTANKS S108972354
SSE 21 ST OFF 3RD AVENUE N/A
SW-1/2 BROOKLYN, NY
2863 ft.

Relative: Equal
Actual: 7 ft.

LTANKS:
Spill Number: 9312888 Region of Spill: 2
Spill Date: 01/28/1994 21:00 Reported to Dept: 01/28/94 21:50
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported Spill Source: Tank Truck
Facility Contact: Not reported Facility Tele: Not reported
Investigator: CHANDRA SWIS: 01
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS ? Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: No spill occured, (Not Possible)
Spill Closed On: 02/28/94
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: 02/28/94
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
Tron Date : Not reported
Date Spill Entered In Computer Data File: 01/31/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported

21 ST OFF 3RD AVENUE (Continued) S108972354

Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 30
Units: Gallons
Unknown Qty Spilled: 30
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Class Abstract Service Number: DIESEL
Last Date: 10/28/1994
Item Three Material Entry in File: 10825
DEC Remarks: Not reported
Spill Cause: NO CLEAN UP ACTION ONGOING FOR 1 1/2 YRS. NO CONTACT AT THE GYSEN PHONE

1,51 HAMILTON AVE/W 9TH ST/BKLY LTANKS S108748548
North HAMILTON AVE / W 9TH ST N/A
1/4-1/2 NEW YORK CITY, NY
2144 ft.

Site 1 of 4 in cluster L

Relative: Higher

Actual: 29 ft.

LTANKS:
Spill Number: 9910151 Region of Spill: 2
Spill Date: 12/10/1999 12:00 Reported to Dept: 12/10/99 15:00
ID: Not reported Date Call Received:Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: Not reported Facility Tele: Not reported
Investigator: SULLIVAN SWIS: 01
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed On: 1/25/91
Spill Notifier: Local Agency PBS Number: Not reported
Cleanup Ceased: 1/25/91
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 1/25/91
Is Updated: False
Corrective Action Plan Submitted: / /
Tron Date : Not reported

HAMILTON AVE/W 9TH ST/BKLY (Continued) S108748548

Date Spill Entered In Computer Data File: 12/22/99
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Item Three Material Entry in File: 21328
DEC Remarks: Not reported
Spill Cause: NYCFD NYCDEP NOTIFIED, TIRES IN AREA DYING. NOTHING'S BASEMENT AS WELL A S NEIGHBORS BASEMENT HAVE STRONG FUMES. DEC TO INVESTIGATE.

L51 AMOCO GAS STATION #00379 LTANKS S105238453
North 288 HAMILTON AV N/A
1/4-1/2 BROOKLYN, NY
2164 ft.

Site 2 of 4 in cluster L

Relative: Higher

Actual: 31 ft.

LTANKS:
Spill Number: 9108781 Region of Spill: 2
Spill Date: 12/15/1991 16:30 Reported to Dept: 12/15/91 16:55
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: WALTER GORMAN Facility Tele: (917) 853-7138
Investigator: VOUCHT SWIS: 01
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: WALTER GORMAN Spiller Phone: (718) 474-2400
Spiller: AMOCO GAS STATION 000379
Spiller Address: 288 HAMILTON AV
BROOKLYN
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed On: 1/24/91
Spill Notifier: Tank Tester PBS Number: 2-501234
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended

OCO GAS STATION #93379 (Continued) S107236453

Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/04/01
Is Updated: False
Corrective Action Plan Submitted: / /
Test Date : Not reported
Date Spill Entered In Computer Data File: 12/03/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 2
Test Method: UST vs 2000
Capacity of Failed Tank: 7000
Leak Rate Failed Tank: 0.08
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/28/1994
More Than One Material Entry In File: 21328
DEC Remarks: 12/04/01 Vought- Spc spill 107886 tolled spill when bedrock at abs sh
owed confusedthick. Spill closed.
Spill Cause: 2nd tank failed - tank removed spilled

LT9 AMOCO STATION LTANKS S105236697
North 298 HAMILTON AV NRA
1/4-1/2 BROOKLYN, NY .
2154 ft.

Site 3 of 4 in cluster L

Relative: Higher
LTANKS:
Actual: 11 ft.
Spill Number: 0109063 Region of Spill: 2
Spill Date: 12/03/2001 16:00 Reported to Dept: 12/07/01 17:31
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Close Dt :Not reported
Resource Affected:On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: WALTER GORMAN Facility Tele: (718) 434-9733
Investigator: ROSSAN SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: WALTER GORMAN Spiller Phone: (718) 434-9733
Spiller: AMOCO STATION
Spiller Address: 298 HAMILTON AV
BROOKLYN, NY

AMOCO STATION (Continued) S105234967

Spill Cause: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/18/01
Is Updated: False
Corrective Action Plan Submitted: / /
Test Date : Not reported
Date Spill Entered In Computer Data File: 12/07/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 3
Test Method: Alternate Test per 613.5e2v (PBS Regulations)
Capacity of Failed Tank: 7000
Leak Rate Failed Tank: 0.08
Gross Leak Rate: Tnk Test Failures only pass or fail
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/28/1994
More Than One Material Entry In File: 21328
DEC Remarks: 12/04/01 - 3 tanks per 613.5e2v - failed tank test
Spill Cause: 3 tanks per 613.5e2v - failed tank test

LT1 AMOCO GAS STATION #93379 LTANKS S105236492
North 298 HAMILTON AV NRA
1/4-1/2 BROOKLYN, NY .
2185 ft.

Site 4 of 4 in cluster L

Relative: Higher
LTANKS:
Actual: 10 ft.
Spill Number: 0109088 Region of Spill: 2
Spill Date: 12/03/2001 16:30 Reported to Dept: 12/03/01 16:53
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Close Dt :Not reported
Resource Affected:On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: WALTER GORMAN Facility Tele: (917) 953-7130
Investigator: VOUGHT SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported. Caller Extension: Not reported

AMOCO GAS STATION #93379 (Continued) S105234492

Notifier Phone: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: WALTER GORMAN Spiller Phone: (718) 434-3402
Spiller: AMOCO GAS STATION #93379
Spiller Address: 298 HAMILTON AV
BROOKLYN
Spill Cause: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/04/01
Spill Notifier: Tank Tester PBS Number: 2-607588
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/04/01
Is Updated: False
Corrective Action Plan Submitted: / /
Test Date : Not reported
Date Spill Entered In Computer Data File: 12/13/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 1
Test Method: UST vs 2000
Capacity of Failed Tank: 7000
Leak Rate Failed Tank: 0.08
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/28/1994
More Than One Material Entry In File: 21328
DEC Remarks: 12/04/2001 1. YKW,GORMAN,WHICHE. Borings were performed by Delta Env. at th
e site for real estate transaction. Contamination was found and reported
on 11/01/2001, Spill #107886. Subsequently West on USTs was performed
and failed. W.Gorman contractor#1 pres to empty tanks and is an informat
Delta transaction. 12/04/2001, VOUGHT. Spill closed. See spill 107886.
Spill Cause: tank failed test - sub product spilled

F2 RER NOOK WEST LTANKS S109144725
WNW 65 LORRAINE STREET NRA
1/4-1/2 NEW YORK CITY, NY
2231 ft.

Relative: Higher
LTANKS:
Actual: 7 ft.
Spill Number: 0911686 Region of Spill: 2
Spill Date: 09/27/2001 13:20 Reported to Dept: 09/27/01 15:02
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Close Dt :Not reported
Resource Affected:Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: (212) 206-3142
Investigator: SAICCACIO SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: NYCHA
Spiller Address: 250 BROADWAY
NEW YORK, N.Y.
Spill Cause: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: 2-474002
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 09/28/94
Is Updated: False
Corrective Action Plan Submitted: / /
Test Date : Not reported
Date Spill Entered In Computer Data File: 02/01/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 001
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.08
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: F2 FUEL OIL
Class Type: Petroleum

Map ID / Direction / Distance / Elevation (ft.) / Site — Database(s) — EDR ID Number / EPA ID Number

NFG MOOR WEST (Continued) — S109140725

Client Abstract Service Number: 03 FUEL OIL
Last Date: 12/07/1994
More Times Material Entry In File: 24494
DEC Remarks: Not reported
Spill Cause: 15K TANK FAILED HORNER EZY CHECK WITH A VISUAL LEAK/LEAK ON MANWAY. WILL EXCAVATE/REPAIR/ RETEST.

Map ID: 1 — Direction / Distance: 1/8 2NE — Elevation: 130 — Site: 138 2ND AVE/VSP9 — LTANKS — S102571616 — N/A
Map ID: 2 — Direction / Distance: 1/8 NE — Elevation: 130 — Site: 138 2ND AVE — LTANKS — S102571623 — N/A
Map ID: 3 — Direction / Distance: 1/8 NE — Elevation: 130 — Site: 138 2ND AVENUE — LTANKS — S102571623 — N/A
Map ID: 4 — Direction / Distance: 1/8 NE — Elevation: 130 — Site: 138 2ND AVENUE — LTANKS — S102571623 — N/A

BKLYN, NY

Site 1 of 4 in cluster M

LTANKS:

Spill Number: 9111199 — Region of Spill: 2
Spill Date: 8/28/1991 09:30 — Reported to Dept: 8/28/91 09:30
ID: Not reported — Date Cnt Received/Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Region Clean Dt: Not reported
Reason Attach On Land
Spill Cleant: Tank Overfill
Water Affected: Not reported — Spill Source: Tank Truck
Facility Contact: Not reported — Facility Tele: Not reported
Investigator: MILLER — SWIS: 01
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: EMPIRE STATE FUEL
Spiller Address: Not reported
Spill Close: Known release with alcohol potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other — PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 08/28/91
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data: Not reported
Date Spill Entered In Computer Data File: 03/02/93
Date Region Sent Summary to Central Office: / /
Tank Test
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material
Material Class Type: 1

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Quantity Spilled: 100
Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Class Abstract Service Number: DIESEL
Last Date: 07/28/1994
More Times Material Entry In File: 10625
DEC Remarks: Not reported
Spill Cause: SPILL CONTAINED ON ROOF. AL EASTMOND CLEANING.

LTANKS:

Spill Number: 9301414 — Region of Spill: 2
Spill Date: 05/09/1993 14:15 — Reported to Dept: 05/09/93 15:04
ID: Not reported — Date Cnt Received/not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Region Clean Dt: Not reported
Reason Attach On Land
Spill Cleant: Tank Overfill
Water Affected: Not reported — Spill Source: Tank Truck
Facility Contact: Not reported — Facility Tele: (718) 827-5100
Investigator: OSWARD — SWIS: 01
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: EMPIRE STATE FUEL
Spiller Address: Not reported
Spill Close: Known release with alcohol potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/09/93
Spill Notifier: Other — PBS Number: Not reported
Cleanup Ceased: 05/09/93
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 04/23/93
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data: Not reported
Date Spill Entered In Computer Data File: 05/09/93
Date Region Sent Summary to Central Office: / /
Tank Test
PBS Number: Not reported
Tank Number: Not reported

TC0133015.1s Page 147

Map ID / Direction / Distance / Elevation (ft.) / Site — Database(s) — EDR ID Number / EPA ID Number

138 2ND AVENUE (Continued) — S102571623

Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material
Material Class Type: 1
Quantity Spilled: 200
Units: Gallons
Unknown Qty Spilled: 200
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Class Abstract Service Number: DIESEL
Last Date: 07/28/1994
More Times Material Entry In File: 10625
DEC Remarks: Not reported
Spill Cause: SPILL CONTAINED ON ROOF; A.L. EASTMOND CLEANED UP

Map ID: 5 — Direction / Distance: 1/8 NW — Elevation: 134 — Site: BROOKLYN CRUSHED MATERIALS, INC. — SWRCLF — S105641994 — N/A

BROOKLYN, NY 0

CF:

Secondary Addr: Not reported — Region Code: 2
Phone Number: 7189389565 — Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Not reported
0
Owner Email: Not reported — Owner Phone: 0
Contact Name: MICHAEL COSOLO; PRESIDENT
Contact Address: Not reported
Not reported
Contact Email: Not reported — Contact Phone: Not reported
Activity Desc: Transfer station - regulated
Activity Number: 24156
Active: No — Accuracy Code: Not reported
North Coordinate: 0 — East Coordinate: 0
Regulatory Status: Permit
Waste Type: Not reported
Authorization #: 24-302-00003 — Authorization Date: 9/13/1990
Expiration Date: 9/13/1995

Secondary Addr: Not reported — Region Code: 2
Phone Number: Not reported — Owner Name: Diamond Asphalt Corp.
Owner Type: Not reported
Owner Address: 93 Pidgeon Ave
Not reported
Brooklyn, NY 0
Owner Email: Not reported — Owner Phone: 7183634150
Contact Name: Not reported
Contact Address: Not reported
Not reported
Contact Email: Not reported — Contact Phone: Not reported
Activity Desc: C&D processing - registered

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Map ID / Direction / Distance / Elevation (ft.) / Site — Database(s) — EDR ID Number / EPA ID Number

BROOKLYN CRUSHED MATERIALS, INC. (Continued) — S105641994

Activity Number: 2007145
Active: No — Accuracy Code: Not reported
North Coordinate: 0 — East Coordinate: 0
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: None — Authorization Date: Not reported
Expiration Date: Not reported

Map ID: 6 — Direction / Distance: 1/8 NE — Elevation: 140 — Site: 142-48 39TH STREET/VSP9 — LTANKS — S109145996 — N/A

NEW YORK CITY, NY

LTANKS:

Spill Number: 9309432 — Region of Spill: 2
Spill Date: 11/30/1993 18:00 — Reported to Dept: 11/30/93 18:37
ID: Not reported — Date Cnt Received/Not reported
Material Spilled 1: Not reported — Amount Spilled 1: Not reported
Region Clean Dt: Not reported
Reason Attach On Land
Spill Cleant: Tank Failure
Water Affected: Not reported — Spill Source: Other Non-Commercial Vehicle/Ind
Facility Contact: Not reported — Facility Tele: (718) 321-[illegible]
Investigator: WATERSTA — SWIS: 03
Caller Name: Not reported — Caller Agency: Not reported
Caller Phone: Not reported — Caller Extension: Not reported
Notifier Name: Not reported — Notifier Agency: Not reported
Notifier Phone: Not reported — Notifier Extension: Not reported
PBS #: Not reported
Spiller Contact: Not reported — Spiller Phone: Not reported
Spiller: USPS
Spiller Address: Not reported
Spill Close: Known release with alcohol potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/30/93
Spill Notifier: Responsible Party — PBS Number: Not reported
Cleanup Ceased: 11/30/93
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 02/16/94
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data: Not reported
Date Spill Entered In Computer Data File: 12/1 1/93
Date Region Sent Summary to Central Office: / /
Tank Test
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material
Material Class Type: 1

TC0133015.1s Page 149

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

EDR ID Number
EPA ID Number

Database(s)

143-45 35TH STDRUNSAWSP3 (Continued) S104549568

Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
How Times Material Entry in File: 34464
DEC Remarks: Not reported
Spill Cause: FOUND CONTAMINATED SOIL DURING TANK PULL. SOIL WAS STOCK PILED PENDING TEST DISPOSAL OF PROPERLY.

MT7
ENE
1/4-1/2
1356 ft.

NYC DEPT SANITATION
139 2ND AVE
BROOKLYN, NY

LTANKS S104359962
NFA

Site 3 of 4 in cluster M

Relative:
Equal

Actual:
7 ft.

LTANKS:
Spill Number: 9112497
Spill Date: 12/22/1991 09:30
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: N/A
Investigator: DESIGO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS ?:
Spiller Contact: ROBERT JOHNSON
Spiller: NYC DEPT SANITATION
Spiller Address: 499 EAST 131ST ST
BRONX, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 12/23/91
Is Updated: False
Corrective Action Plan Submitted: / /
True Date ?: Not reported
Date Spill Entered In Computer Data File: 12/23/91
Date Region Sent Summary to Central Office: / /
Tank Test:
Region of Spill: 2
Reported to Dept: 12/22/91 09:41
Date Call Received:Not reported
Amount Spilled 1 : Not reported
Spill Source: Other Non Commercial/Industrial
Facility Type: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 786-5700
PBS Number: 2-456865

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

EDR ID Number
EPA ID Number

Database(s)

NYC DEPT SANITATION (Continued) S104359911

PBS Number: Not reported
Tank Number: 3
Test Method: Nonset EZ Check
Capacity of Failed Tank: 6000
Last Date Failed Tank: 6/89
Cause Leak Rate: Tank Test Failures only years or tst
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
How Times Material Entry in File: 34464
DEC Remarks: Not reported
Spill Cause: WILL UNCOVER AND INSPECT

T5
North
SW-NE
13.45 ft.

139 HAMILTON AVESTAR GAS
239 HAMILTON AVESTAR GAS
BROOKLYN, NY

LTANKS S104571712
NFA

Relative:
Higher

Actual:
22 ft.

LTANKS:
Spill Number: 9106089
Spill Date: 09/06/1991 14:00
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SIGOWA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS ?:
Spiller Contact: Not reported
Spiller: STAR GAS STATION
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 11/13/94
Is Updated: False
Region of Spill: 2
Reported to Dept: 9/7/1991 14:56
Date Call Received:Not reported
Amount Spilled 1 : Not reported
Spill Source: Gas Station
Facility Type: (718) 858-6943
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

EDR ID Number
EPA ID Number

Database(s)

139 HAMILTON AVESTAR GAS (Continued) S107571712

Corrective Action Plan Submitted: / /
True Date ?: Not reported
Date Spill Entered In Computer Data File: 07/1/1991
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Date Failed Tank: Not reported
Cause Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/29/1994
How Times Material Entry in File: 21329
DEC Remarks: Not reported
Spill Cause: 12 550 lb; CONTAMINATED SOIL DISCOVERED WHILE REMOVING, STOCKPILED

MT9
ENE
1/4-1/2
1356 ft.

OLD POST OFFICE
126 2ND Av
BROOKLYN, NY

LTANKS S102111301
NFA

Site 4 of 4 in cluster M

Relative:
Equal

Actual:
7 ft.

LTANKS:
Spill Number: 9701147
Spill Date: 07/22/1997 12:00
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: GARDINER
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS ?: Not reported
Spiller Contact: THOMAS PINO
Spiller: US GOVT
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response, Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Region of Spill: 2
Reported to Dept: 07/23/97 07:22
Date Call Received:Not reported
Amount Spilled 1 : Not reported
Spill Source: Other Non Commercial/Industrial
Facility Type: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

EDR ID Number
EPA ID Number

Database(s)

OLD POST OFFICE (Continued) S102111301

Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 02/05/98
Is Updated: False
Corrective Action Plan Submitted: / /
True Date ?: Not reported
Date Spill Entered In Computer Data File: 07/25/97
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Last Date Failed Tank: Not reported
Cause Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
How Times Material Entry in File: 34464
DEC Remarks: Not reported
Spill Cause: THERE ARE 4 10000 GALLON INGROUND FUEL TANKS ON SITE , AT THIS POINT IT IS UNKNOWN WHICH TANK IS LEAKING, BUT SOIL CONTAMINATION HAS BEEN FOUND - KSHIPS-NH O DOND FROM DEC WAS ON SITE LAST WEDNESDAY AND TOLD CALLER T O NOTIFY DEC SITE BEING HANDLED BY HAZ. WASTE SECTION.

I9
East
1/4-1/2
2379 ft.

495 3RD AVENUE
495 3RD AVENUE
BROOKLYN, NY

LTANKS S109117434
NFA

Relative:
Equal

Actual:
7 ft.

LTANKS:
Spill Number: 9408815
Spill Date: 03/14/1998 12:00
ID: Not reported
Material Spilled 1: Not reported
Region Class Of: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SIGOWA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS ?:
Spiller Contact: Not reported
Spiller: CARMELO AUTO REPAIR
Spiller Address: Not reported
Region of Spill: 2
Reported to Dept: 03/14/98 10:56
Date Call Received:Not reported
Amount Spilled 1 : Not reported
Spill Source: Other Commercial/Industrial
Facility Type: (718) 956-9341
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

16 3RD AVENUE (Continued) S104147464

Spill Close: Known release that created potential for fire or hazard. DEC Response. Unable/Know/Reg Responsible Party, Corrective action taken. (ISP)
Spill Closed Dt: / /
Spill Notifier: Other PBS Number: 2-473588
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/03/01
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 03/29/95
Date Region Sent Streamlay to Control Office: / /
Tank Test:
PBS Number: Not reported
Test Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: Yes
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/07/1994
Num These Material Entry In File: 21329
DEC Remedial: DEC Bipaa sent a letter to RP on Jan 23, 1998 with requirements for spl investigation.
Spill Cause: 1) 550 GALLON TANKS WERE TESTED BY FIRE DEPT. TANKS ARE LEAKING. LEAKERS SR FOR INVESTIGATION ISSUED BY CITY.

91 ATLANTIC CONCRETE CORP. SWF/LF S106441891
West 991 COLUMBIA STREET NRA
1/4-1/2 BROOKLYN, NY 11231
2491 ft.

Relative: LF:
Higher Secondary Addr : Not reported Region Code : 2
Phone Number : 7186572220 Owner Name : Not reported
Actual: Owner Type : Not reported
5 ft. Owner Address : Not reported
Not reported
0
Owner Email : Not reported Owner Phone : 0
Contact Name : WILLIAM GIACOPOZZI
Contact Address : Not reported
Not reported
Not reported

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ATLANTIC CONCRETE CORP. (Continued) S106441891

Contact Email : Not reported Contact Phone : Not reported
Activity Desc : C&D processing - registered
Activity Number : 249953
Active : Yes Accuracy Code : Not reported
North Coordinate : 0 East Coordinate : 0
Regulatory Status : Not reported
Waste Type : Asphalt;Concrete;Brick;Soil (Clean);Rock
Authorization # : None Authorization Date : Not reported
Expiration Date : Not reported

NW1 485 SIXTH STREET (MICHAR, INC.) VCP S104122284
NW8 485 SIXTH STREET NRA
1/4-1/2 BROOKLYN, NY 11231
2511 ft.

Site 1 of 2 in cluster B

Relative: HY VCP:
Equal Facility ID : V00187
Actual: Region : 2
3 ft.

ID 396 COURT ST LTANKS S102701674
NW8 396 COURT ST NRA
1/4-1/2 BKLYN, NY
2517 ft.

Relative: LTANKS:
Equal Spill Number: 0202630 Region of Spill: 2
Spill Date: 04/07/2002 12:01 Reported to Dept: 04/24/02 09:21
Actual: Dt: Not reported Date Call Received/Not reported
3 ft. Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Class Dt : Not reported
Remains Material On Land
Spill Cause: Tank Overfill
Water Affected: Not reported Spill Source: Private Dwelling
Facility Contact: Not reported Facility Type: Not reported
Investigator: TANKS SWIS: 53
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Known release with material potential for fire or hazard. DEC Response. Willing Responsible Party, Corrective action taken.
Spill Closed Dt: 04/24/02
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: 04/24/02
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: / /
Is Updated: False

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384 COURT ST (Continued) S102671674

Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 04/24/02
Date Region Sent Streamlay to Control Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num These Material Entry In File: 74494
DEC Remedial: Not reported
Spill Cause: Not reported

O44 MOBIL GAS STATION LTANKS S105341641
WNW 59-25 BAY PARKWAY NRA
1/4-1/2 BROOKLYN, NY
2523 ft.

Site 1 of 2 in cluster O

Relative: LTANKS:
Higher Spill Number: 9407937 Region of Spill: 2
Actual: Spill Date: 09/14/1994 10:00 Reported to Dept: 09/14/94 10:41
7 ft. ID: Not reported Date Call Received:Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Class Dt : Not reported
Remains Affects On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: Not reported Facility Type: Not reported
Investigator: O'DOWD SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: MOBIL GAS STATION
Spiller Address: 59-25 BAY PARKWAY
BROOKLYN, NEW YORK
Spill Class: Not reported
Spill Closed Dt: 12/06/94
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: 12/06/94
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended

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MOBIL GAS STATION (Continued) S105341641

Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/08/94
Is Updated: False
Corrective Action Plan Submitted: / /
Tank Data : Not reported
Date Spill Entered In Computer Data File: 10/27/94
Date Region Sent Streamlay to Control Office: / /
Tank Test:
PBS Number: Not reported
Test Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Class Abstract Service Number: GASOLINE
Last Date: 08/29/1994
Num These Material Entry In File: 21329
DEC Remedial: 12/06/94: SEE SPILL 9407937.
Spill Cause: HOSE LEAKED INTO SUBMERSIBLE TANK PUMP PIT DOING A TANK TIGHTLINE TEST F A/L/INE-MEBBLE (SAK IN FLEX HOSE, SPLIT DOWN LINE, CALLING A CONTRACTOR T O FIX HOSE RETEST.

O43 WASTE MANAGEMENT-ALLEGRO FACILITY VCP S105464343
WNW 514-526 COLUMBIA STREET (INCL. 29 BAY STREET) NRA
1/4-1/2 BROOKLYN, NY 11231
2564 ft.

Site 1 of 2 in cluster O

Relative: HY VCP:
Higher Facility ID : V00363
Actual: Region : 2
7 ft.

95 WASTE MANAGEMENT (EASTERN) (ALLEGRO CART SWF/LF S105441750
NW 514-526 COLUMBIA ST NRA
1/4-1/2 BROOKLYN, NY 11231
2579 ft.

Relative: LF:
Higher Secondary Addr : Not reported Region Code : 2
Phone Number : 7185228300 Owner Name : Not reported
Actual: Owner Type : Not reported
7 ft. Owner Address : Not reported
Not reported
0
Owner Email : Not reported Owner Phone : 0
Contact Name : TARA HEMMER

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MANAGEMENT (EASTERN) (ALLEGRO CAST (Continued) S165341784

Listed Address : Not reported
Not reported
Not reported
Contact Email : Not reported Contact Phone : Not reported
Activity Desc : Transfer station - registered
Activity Number : 24742
Active : No Accuracy Code : Not reported
North Coordinate : 4503621 East Coordinate : 583427
Regulatory Status: Not reported
Waste Type : Not reported
Authorization # : 2-6191-00092 Authorization Date: Not reported
Expiration Date : Not reported

Secondary Addr : Not reported Region Code : 2
Phone Number : 7185535308 Owner Name : Not reported
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported Owner Phone : 6
Contact Name : TARA HEMMER
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported Contact Phone : Not reported
Activity Desc : CSD processing - registered
Activity Number : 24942
Active : No Accuracy Code : Not reported
North Coordinate : 4503221 East Coordinate : 583627
Regulatory Status: Not reported
Waste Type : Not reported
Authorization # : 2-6191-00092 Authorization Date: Not reported
Expiration Date : Not reported

MGP CITIZENS GAS LIGHT CO. Coal Gas D000509336
NNE 432 SMITH ST. NSA
1/4-1/2 BROOKLYN, NY 11237
2548 ft.

Site 2 of 2 in cluster M

Relative: Equal
Actual: 9 ft.

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Smith St. at the end of Luquer St. Site is between 7th St. and 8th St. Site is currently a park. (C14)

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M RED HOOK EAST LTANKS S164513537
NW 77 CENTER MALL NSA
1/4-1/2 NEW YORK CITY, NY
2617 ft.

Relative: Higher
Actual: 11 ft.

LTANKS:
Spill Number: 9311672 Region of Spill: 2
Spill Date: 03/08/1994 11:00 Reported to Dept: 03/09/94 14:58
ID: Not reported Date Cnd Remediated: not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Class 1/2 : Not reported
Resource Affected: On Land
Spill Cause: Tank Test Failure

RED HOOK EAST (Continued) S164513537

Water Affected: Not reported Spill Source: Other Non-Commercial/Industrial
Facility Contact: Not reported Facility Tele: (212) 306-3142
Investigator: ENGCAGD STATE: 11
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact : Not reported Spiller Phone: Not reported
Spiller: SNYDER
Spiller Address: 250 BROADWAY
NEW YORK, NY, .
Spill Class: Recent release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: 2-601674
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Updated: 09/22/94
Is Updated: False
Cumm/Sig Action Plan Submitted: / /
Tank Data :
Not reported
Date Spill Entered In Computer Data Fld: 03/12/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 005
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Given Leak Rate: Not reported
Material:
Material Class Type: 5
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Class Alleged Spills Number: #2 FUEL OIL
Last Date: 12/07/1994
Hours Tested Minutes Entry In File: 24:04
MSC Remarks: Not reported
Spill Cause: 15K TANK SYSTEM FAILED HORNER-ZEY CHECK WITH A GROSS LEAK, NO ACTION YE T DETERMINED.

16 PATTERSON CHEMICAL CO INC RCRA-SQG 1000483434
NE 162 3RD ST FINDS NYD986982471
1/4-1 BROOKLYN, NY 11231 CONRACTS
1539 ft.

Relative: Equal
Actual: 3 ft.

CORRACTS Data:
EPA Id: NYD986982471
Region: 2
Area Name: 3RD STREET
Actual Date: 09/30/1994
Corrective Action: CA680 - RFA Completed
2002 NAICS Title: General Warehousing and Storage
General Freight Trucking, Local

EPA Id: NYD986982471
Region: 2
Area Name: STEINDE
Actual Date: 05/27/1994
Corrective Action: CA070.0 - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: General Warehousing and Storage
General Freight Trucking, Local

RCRAInfo Corrective Action Summary:
Event: RFA Completed
Event Date: 09/30/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 05/27/1994

RCRAInfo:
Owner: PATTERSON CHEMICAL CO INC
(212) 655-7575
EPA ID: NYD986982471

Contact: MOE STONE
(718) 855-7520

Classification: Small Quantity Generator
TSDF Activities: Not Reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

17 ATL BASIN IRON WORKS FUDS 100721101E
WNW N/A
1/2-1 BROOKLYN, NY
2997 ft.

Relative: Higher
Actual: 6 ft.

FUDS:
Federal Facility ID: NY9799F1271
Facility Name: ATL BASIN IRON WORKS
City: BROOKLYN
State: NY
EPA Region: 2
County: KINGS
Congressional District: 12
US Army District: New York District (NAN)
Fiscal Year: 2000
First Name: GREGORY
Last name: GOEPPERT
Phone: 212-264-9173
Test ID: 39284
CTC: Not reported
RAR: Not reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/13/04 | Date of Data Arrival at EDR: 11/02/04
Date Made Active at EDR: 12/08/04 | Elapsed ASTM days: 37
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: 11/02/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: [illegible]

EPA Region 1
Telephone [illegible]

EPA Region 3
Telephone [illegible]

EPA Region 4
Telephone [illegible]

EPA Region 6
Telephone: [illegible]

EPA Region 8
Telephone: [illegible]

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: [illegible] | Date of Data Arrival at EDR: 11/02/04
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 37
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: 11/02/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: [illegible]
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: [illegible]
Database Release Frequency: Quarterly | Date of Last EDR Contact: 12/21/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: [illegible]
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: [illegible]
Database Release Frequency: Quarterly | Date of Last EDR Contact: 12/21/04

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 42
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: [illegible]

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: [illegible]
Database Release Frequency: Varies | Date of Last EDR Contact: [illegible]

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: [illegible]
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: [illegible]
Database Release Frequency: Annually | Date of Last EDR Contact: [illegible]

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Biennially | Date of Next Scheduled EDR Contact: [illegible]

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Varies | Date of Next Scheduled EDR Contact: [illegible]

ROD: Records Of Decision
Source: EPA
Telephone: [illegible]
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled EDR Contact: [illegible]

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled EDR Contact: [illegible]

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled EDR Contact: [illegible]

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: [illegible]
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled EDR Contact: [illegible]

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: [illegible]
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled EDR Contact: [illegible]

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: [illegible]

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Semi-Annually | Date of Next Scheduled EDR Contact: [illegible]

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
[illegible] of Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 | Date of Last EDR Contact: 11/22/04
Database Release Frequency: No Update Planned | Date of Next Scheduled EDR Contact: [illegible]

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/04 | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled EDR Contact: [illegible]

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: [illegible] | Date of Last EDR Contact: 11/22/04
Database Release Frequency: Semi-Annually | Date of Next Scheduled EDR Contact: [illegible]

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Varies | Date of Next Scheduled EDR Contact: [illegible]

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/03 | Date of Last EDR Contact: [illegible]
Database Release Frequency: Varies | Date of Next Scheduled EDR Contact: [illegible]

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/93 | Date of Last EDR Contact: 11/12/04
Database Release Frequency: Semi-Annually | Date of Next Scheduled EDR Contact: [illegible]

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: [illegible] | Date of Last EDR Contact: 12/25/04
Database Release Frequency: No Update Planned | Date of Next Scheduled EDR Contact: [illegible]

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled EDR Contact: [illegible]

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Every 4 Years | Date of Next Scheduled EDR Contact: [illegible]

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled EDR Contact: [illegible]

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled EDR Contact: [illegible]

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled EDR Contact: [illegible]

STATE OF NEW YORK ASTM STANDARD RECORDS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9622
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 14
Database Release Frequency: Annually | Date of Last EDR Contact: [illegible]

SWF/LF: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 26
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: [illegible]

LTANKS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: [illegible]
Database Release Frequency: Varies | Date of Last EDR Contact: [illegible]

UST: Petroleum Bulk Storage (PBS) Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 30
Database Release Frequency: No Update Planned | Date of Last EDR Contact: [illegible]

CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9543
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 30
Database Release Frequency: No Update Planned | Date of Last EDR Contact: [illegible]

MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 30
Database Release Frequency: Varies | Date of Last EDR Contact: 10/25/04

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: [illegible] | Elapsed ASTM days: 48
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: [illegible]

SWRCY: Registered Recycling Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8705
A listing of recycling facilities.

Date of Government Version: [illegible] | Date of Data Arrival at EDR: 11/15/04
Date Made Active at EDR: 12/15/04 | Elapsed ASTM days: 30
Database Release Frequency: Semi-Annually | Date of Last EDR Contact: 11/15/04

SWTIRE: Registered Waste Tire Storage & Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8694

Date of Government Version: [illegible] | Date of Data Arrival at EDR: [illegible]
Date Made Active at EDR: 06/25/04 | Elapsed ASTM days: 37
Database Release Frequency: Annually | Date of Last EDR Contact: 11/18/04

STATE OF NEW YORK ASTM SUPPLEMENTAL RECORDS

HSWDS: Hazardous Substance Waste Disposal Site Inventory
Source: Department of Environmental Conservation
Telephone: 518-402-9564
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled EDR Contact: [illegible]

AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02 — Date of Last EDR Contact: 10/25/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 01/24/05

Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/02 — Date of Last EDR Contact: 10/25/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 01/24/05

MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02 — Date of Last EDR Contact: 10/25/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 01/24/05

SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 07/26/04 — Date of Last EDR Contact: 10/25/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 01/24/05

DEL SHWS: Delisted Registry Sites
Source: Department of Environmental Conservation
Telephone: 518-402-9622
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/04 — Date of Last EDR Contact: 11/23/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 02/21/05

DRYCLEANERS: Registered Drycleaners
Source: Department of Environmental Conservation
Telephone: 518-402-8403
A listing of all registered drycleaning facilities.

Date of Government Version: 09/15/04 — Date of Last EDR Contact: 05/21/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: N/A

SPDES: State Pollutant Discharge Elimination System
Source: Department of Environmental Conservation
Telephone: 518-402-8233
New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 09/23/04 — Date of Last EDR Contact: 11/10/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 02/07/05

AIRS: Air Emissions Data
Source: Department of Environmental Conservation
Telephone: 518-402-8452

Date of Government Version: 12/31/02 — Date of Last EDR Contact: 12/09/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 02/21/05

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 10/02/04 — Date of Last EDR Contact: 11/29/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 02/21/05

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 10/07/04 — Date of Last EDR Contact: 11/29/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 02/28/05

NASSAU COUNTY:

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03 — Date of Last EDR Contact: 11/01/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 01/31/05

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03 — Date of Last EDR Contact: 11/01/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 01/31/05

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-573-1000

Date of Government Version: 08/25/04 — Date of Last EDR Contact: 11/08/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 02/07/05

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-573-1000

Date of Government Version: 10/25/04 — Date of Last EDR Contact: 11/08/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 02/07/05

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/27/04 — Date of Last EDR Contact: 01/03/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/04/05

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/27/04 — Date of Last EDR Contact: 01/03/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/04/05

SUFFOLK COUNTY:

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/19/04 — Date of Last EDR Contact: 11/29/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 02/28/05

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/19/04 — Date of Last EDR Contact: 11/29/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 02/28/05

WESTCHESTER COUNTY:

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of underground storage tanks in Westchester County.

Date of Government Version: 03/10/04 — Date of Last EDR Contact: 10/13/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 02/28/05

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 08/18/04 — Date of Last EDR Contact: 10/13/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 02/28/05

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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BROWNFIELDS DATABASES

Brownfields: Brownfields Site List
Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: 08/23/04 — Date of Last EDR Contact: 12/14/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 03/14/05

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 09/22/04 — Date of Last EDR Contact: 12/14/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 03/14/05

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A — Date of Last EDR Contact: N/A
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medicare Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-3444

Flood Zone Data: This data, available in select counties across the country, was assisted by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

New York State Wetlands
Source: Department of Environmental Conservation
Telephone: 518-457-5061
Coverage are based on official New York State Freshwater Wetlands Maps as described in Article 24 (6NYS of the Environmental Conservation Law.

STREET AND ADDRESS INFORMATION

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EDR Site Report™

611 SMITH STREET
611 SMITH STREET
BROOKLYN, NY

Inquiry Number:

January 28, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary ..... Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, spill-media issues, and Superfund liability.

Section 2: Facility Detail Reports ..... Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information ..... Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY / AREA	FACILITY 1 611 SMITH STREET 611 SMITH STREET BROOKLYN, NY Spill ID #9207857
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA-TSD)	NO
Facility has received Notices of Violations (RCRAVIOL)	NO
Facility has been subject to RCRA penalties/actions (RAATS)	NO
Facility has been subject to underground injection (UIC)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (RADTR)	NO
Facility maintains registered aboveground storage tanks (AST)	NO
Facility maintains registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	YES - 1
Facility has received hazardous material violations by DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a historic or proposed designation, disposal or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed on a solid hazardous waste site (SWF/LF)	NO
Facility has disposed of solid waste on-site (SWRCY)	NO
MULTIMEDIA Facility owns land, structures and has emitted SPA under SARA Title III, Section 313 (TRIS)	NO
Facility maintains pesticides and has emitted SPA under Section 7 of FIFRA (ASTM)	NO
Facility owns/operates or transfer took place on the PCB list (TSCA)	NO
Facility has undergone review / FRA, CERA or SPCRA (FTTS)	NO
Facility is listed in EPA's toxic system (TSCS)	NO
Facility is listed in a county-lead citizen database (LOCAL)	NO
POTENTIAL RESPONSIBLE LIABILITY Facility has a risk of potentially or otherwise met an EPA	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: *Emergency Response Notification System (ERNS)*

611 SMITH STREET
611 SMITH STREET
BROOKLYN, NY
EDR ID #9207857

Site ID:	621857		
Site Location:	611 SMITH STREET BROOKLYN, NY KINGS/BROOKLYN County		
Report No:	139479	EPA Region:	02
Spill Date:	08/05/1992	Spill Time:	11:25
Medium Desc:	Water	Damage/Use:	Fuel / 50.00
Evacuation:	Yes	Injured:	None
Pollutant:	None	Notes:	GARBAGES CANAL
Check Org:	Not reported		
Check Addr:	Not reported		
Check City:	Not reported		
Check ST:	Not reported		
Check Zip:	Not reported		
Check County:	Not reported		
C.C. Unit:	NYCCP		
Course:	Not reported		
Description:	THE CRANE BARGE HURON WAS PARTIALY SUNK		
Location:	611 SMITH STREET		
Action:	NONE		
Comments:	Not reported		

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

[illegible]

Expand [illegible]: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). [illegible]

Date of Government Version: 11/23/2004 — Date of Last EDR Contact: 11/24/2004
Database Release Frequency: Varies — Date of Next Scheduled Update: 03/25/2005

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/2001 — Date of Last EDR Contact: 12/13/2004
Database Release Frequency: Biennially — Date of Next Scheduled Update: 03/14/2005

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: No Update Planned — Date of Next Scheduled Update: 03/07/2005

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/23/2004 — Date of Last EDR Contact: 12/07/2004
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 03/07/2005

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/2004 — Date of Last EDR Contact: 11/12/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 02/07/2005

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/13/2004 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/04/2005

NY AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/2002 — Date of Last EDR Contact: 10/25/2004
Database Release Frequency: No Update Planned — Date of Next Scheduled Update: 01/24/2005

NY UST: Petroleum Bulk Storage (PBS) Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/2002 — Date of Last EDR Contact: 10/25/2004
Database Release Frequency: No Update Planned — Date of Next Scheduled Update: 01/24/2005

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003 — Date of Last EDR Contact: 10/25/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 01/24/2005

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2004 — Date of Last EDR Contact: 10/28/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 01/17/2005

WASTE DISPOSAL

NPL: National Priority List
Source: EPA
Telephone: Not reported
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/12/2004 — Date of Data Arrival at EDR: 11/02/2004
Date Made Active at EDR: 12/09/2004 — Elapsed ASTM Days: 37
Database Release Frequency: Semi-Annually — Date of Last EDR Contact: 11/02/2004

PROPOSED NPL: Proposed National Priority List Sites
Source: EPA
Telephone: Not reported

Date of Government Version: 08/22/2004 — Date of Data Arrival at EDR: 11/02/2004
Date Made Active at EDR: 12/09/2004 — Elapsed ASTM Days: 37
Database Release Frequency: Semi-Annually — Date of Last EDR Contact: 11/02/2004

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: Not reported
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/12/2004 — Date of Data Arrival at EDR: 11/02/2004
Date Made Active at EDR: 12/09/2004 — Elapsed ASTM Days: 37
Database Release Frequency: Quarterly — Date of Last EDR Contact: 11/02/2004

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/10/2004 — Date of Data Arrival at EDR: 09/21/2004
Date Made Active at EDR: 10/27/2004 — Elapsed ASTM Days: 36
Database Release Frequency: Quarterly — Date of Last EDR Contact: 12/21/2004

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/10/2004 — Date of Last EDR Contact: 12/21/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 — Date of Data Arrival at EDR: 02/02/1994
Date Made Active at EDR: 03/30/1994 — Elapsed ASTM Days: 56
Database Release Frequency: No Update Planned — Date of Last EDR Contact: 11/22/2004

NY SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9622
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/2003 — Date of Last EDR Contact: 11/23/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 02/21/2005

NY SWF/LF: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/01/2004 — Date of Last EDR Contact: 11/01/2004
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 01/31/2005

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2002 — Date of Last EDR Contact: 12/20/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 03/21/2005

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2003 — Date of Last EDR Contact: 11/23/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 04/18/2005

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: N/A — Date of Next Scheduled Update: 03/07/2005

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/23/2004 — Date of Last EDR Contact: 12/21/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/2004 — Date of Last EDR Contact: 12/21/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

ENG CONTROLS: Engineering Controls Sites List
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with engineering controls in place.

Date of Government Version: 09/03/2004 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 04/11/2005

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/09/2004 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/04/2005

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY SPDES: State Pollutant Discharge Elimination System
Source: Department of Environmental Conservation
Telephone: 518-402-8233
New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwater as well as surface waters.

Date of Government Version: 09/23/2004 | Date of Last EDR Contact: 11/10/2004
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: 02/07/2005

NY AIRS: Air Emissions Data
Source: Department of Environmental Conservation
Telephone: 518-402-8452

Date of Government Version: 12/31/2002 | Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Annually | Date of Next Scheduled Update: 02/21/2005

NY DRY CLEANERS: Registered Drycleaners
Source: Department of Environmental Conservation
Telephone: 518-402-8403
A listing of all registered drycleaning facilities.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Varies | Date of Next Scheduled Update:

NY DELISTED HWS: Delisted Registry Sites
Source: Department of Environmental Conservation
Telephone: 518-402-9622
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/2004 | Date of Last EDR Contact: 11/23/2004
Database Release Frequency: Annually | Date of Next Scheduled Update: 02/21/2005

NY LTANKS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: [illegible] | Date of Last EDR Contact: 10/25/2004
Database Release Frequency: Varies | Date of Next Scheduled Update: 01/24/2005

NY BROWNFIELDS: Brownfields Site List
Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: [illegible] | Date of Last EDR Contact: 12/14/2004
Database Release Frequency: Semi-Annually | Date of Next Scheduled Update: [illegible]

NY SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: [illegible] | Date of Last EDR Contact: 10/25/2004
Database Release Frequency: Varies | Date of Next Scheduled Update: 01/24/2005

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY CORTLAND AST: Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 10/07/2004 | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled Update: [illegible]

NY CORTLAND UST: Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: [illegible] | Date of Last EDR Contact: 11/23/2004
Database Release Frequency: Quarterly | Date of Next Scheduled Update: [illegible]

NY NASSAU AST: Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: 01/31/2005

NY NASSAU UST: Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: 01/31/2005

NY ROCKLAND AST: Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled Update: [illegible]

NY ROCKLAND UST: Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled Update: [illegible]

NY SUFFOLK AST: Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: [illegible] | Date of Last EDR Contact: 11/23/2004
Database Release Frequency: Annually | Date of Next Scheduled Update: [illegible]

NY SUFFOLK UST: Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled Update: [illegible]

NY CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: [illegible]

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY CBS AST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: [illegible] | Date of Last EDR Contact: 10/25/2004
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: 01/24/2005

NY MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: [illegible] | Date of Last EDR Contact: 10/25/2004
Database Release Frequency: Varies | Date of Next Scheduled Update: 01/24/2005

NY MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: [illegible] | Date of Last EDR Contact: 10/25/2004
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: 01/24/2005

NY HSWDS: Hazardous Substance Waste Disposal Site Inventory
Source: Department of Environmental Conservation
Telephone: 518-402-9564
The list included any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: No Update Planned | Date of Next Scheduled Update: [illegible]

NY MANIFEST: Facility and Manifest Data
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Annually | Date of Next Scheduled Update: [illegible]

NJ MANIFEST: Facility and Manifest Data
Source: NYSDEC
Telephone: 518-457-8585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. (C) Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties
Source: EPA
Telephone: 202-564-6064
A listing of verified Potentially Responsible Parties

Date of Government Version: [illegible] | Date of Last EDR Contact: [illegible]
Database Release Frequency: Quarterly | Date of Next Scheduled Update: [illegible]

Red Hook Site

BROOKLYN, NEW YORK

Phase II Environmental Investigation Report

FLS Project Number: 10036-009

Prepared For:

RH SMITH STREET, LLC.

Prepared by:

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APRIL 2005

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Figure 1 Site Location Map
Figure 2 Site Detail Map and Sampling Locations

APPENDICES

Appendix A Ground-Penetrating Radar Report
Appendix B Soil Boring Logs
Appendix C Laboratory Analytical Reports

1.0 INTRODUCTION

The purpose of this investigation was to determine the presence or absence of contamination in soil and/or groundwater that would affect the proposed development at the Red Hook Site located in Brooklyn, New York (the Site). The legal definition of the subject property is Tax Block 489 Lot 1, Tax Block 491 Lot 1, Tax Block 493 Lot 1, and Tax Block 95 Lot 1. The site location is shown on Figure 1. The site includes one and multi-story commercial warehouses for tires sale.

2.0 SITE BACKGROUND INFORMATION

2.1 Site Location and Description

The site is located in a mixed-use commercial area of the Borough of Brooklyn, New York and currently contains three one-story, and one one-story warehouses and large parking areas/storage yards. The subject Site is bounded to the north by Creamer Street, to the east by Gowanus Canal, to the south by Percival Street, and to the west by Smith Street. The surrounding neighborhood is primarily commercial with a few residential buildings.

2.2 Site History and Specific Environmental Concerns

Reviewing the 1904 historical Sanborn map indicated that Block 493, Lot 1 located at 627-641 Smith Street and Block 492 Lot 1 located at 610-628 Smith Street were occupied by Barrett Manufacturing Company. Barrett Manufacturing Company was a producer of coal tar and roofing material. Roofing material was made by dropping roofing paper or felt into saturating tanks filled with coal tar. The property located on Block 493 Lot 1 contained four tar tanks with capacities ranged between 50 barrel (2,100 gallons) and 1,457 barrel (62,450 gallons) where the coal tar was stored. Underground gasoline tanks with unknown capacities and tar pumps were also identified on the property. Five additional tar tanks were added on the property located on Block 493 Lot 1 as shown in the 1915 historical Sanborn maps. Former coal tar and gasoline tank location are shown in Figure 2.

Between 1904 and 1938, Block 495 Lot 1 located at 543-661 Smith Street was occupied by American Ice Company, N.Y. Knickerbocker Real Estate Company, and Seaboard Storage Corporation. No industrial activities were indicated on the Fire Insurance maps for this Block.

Between 1904 and 1938, Block 491 Lot 1 located at 611-625 Smith Street and Block 489 Lot 1 located at 595-609 Smith Street were occupied by S.W. Bowne and were used as hay storage and grain warehouse. The two blocks were then occupied by Bowne-Morton's Stores Inc. and were used as warehouses.

The past on-site and off-site land uses may have resulted in releases of contaminants to soil and/or groundwater beneath the site, including petroleum products.

2.3 Site Specific Investigation Objectives

The purpose of this investigation was to: evaluate whether soil and/or groundwater contamination is present at the site and to estimate an approximate cost for appropriate remediation of soil and groundwater.

The environmental investigation consisted of the advancement of ten environmental soil borings (GP-1 to GP-10) and installation of temporary wells at six of these locations, as shown on Figure 2. Soil samples were field-screened for volatile organic compounds, and soil and groundwater samples were collected for laboratory analyses. The investigation

activities were conducted in accordance with a Phase II Subsurface Investigation proposal dated March 30, 2005.

3.0 SITE DESCRIPTION

3.1 Surface and Subsurface Conditions

Based on reports compiled by the U.S. Geological Survey, the property lies at an elevation of approximately 7 to 9 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level), and slopes slightly to the east, towards the Gowanus Canal.

According to soil borings installed at the site during this investigation, the site is underlain by three to seven feet of miscellaneous fill, silt sand, and organic clay. During the current investigation, groundwater beneath the study site was encountered at depths ranging from approximately 4 to 7 feet below ground surface. Groundwater likely flows east toward the Gowanus Canal. However, actual groundwater flow at the site can be affected by many factors including past filling activities, underground utilities, and other subsurface openings or obstructions.

3.2 Previous Environmental Investigation

A Phase I Environmental Site Assessment of the site was performed by Singer Environmental Group in February 1, 2005. This assessment included a site inspection and a review of available historical Sanborn Maps, New York City Fire Department (FDNY) records, New York City Department of Buildings records, and federal and state regulatory databases. No soil and/or groundwater investigations were conducted on the site.

Based on the historical Sanborn Maps included in the Phase I Environmental Site Assessment, FLS recommended a Phase II subsurface investigation for the site.

4.0 METHODOLOGY

4.1 Ground Penetrating Radar Survey

A Ground-Penetrating Radar (GPR) survey was performed in the area of the former tar and gasoline tank locations. The purpose of this survey was to identify any subsurface anomalies such as underground tanks or/and foundation of former aboveground tanks. The survey was performed in a linear pattern (narrow strips) along the former tar and gasoline tank locations. Due to the limited space, the survey could not be performed over a grid pattern to obtain accurate subsurface anomalies. However, no anomalies indicative of underground tanks were identified. A copy of the GPR survey report is attached in Appendix A.

4.2 Sampling Program Methodology

The environmental investigation sampling program consisted of the advancement of ten soil borings and installation of temporary wells at six of these locations, as shown on Figure 2. Soil borings GP-1, GP-2, GP-5, and GP-6 were advanced in Block 493 Lot 1; borings GP-3 and GP-4 were advanced in Block 495 Lot 1; borings GP-7 and GP-10 were advanced in Block 491 Lot1; and borings GP-8 and GP-9 were advanced in Block 489 Lot 1.

4.3 Soil Sampling

Soil samples were collected from each of the ten soil borings. Boring locations were biased towards the areas of former tar and gasoline tanks on Block 493 Lot 1, while also obtaining a wide distribution of subsurface conditions across the other Blocks of site.

At each of the ten soil boring locations, truck-mounted and hand-held geoprobe units were used to advance soil borings. Soil samples were obtained by a 4-foot steel sampler which contains a dedicated plastic liner. Each sampler was driven through the subsurface soil to collect soil samples at four foot intervals to the soil/groundwater interface. The soil was field screened using a photoionization detector (PID) and described in two foot intervals inside each plastic liner along the vertical depth of each boring. FLS personnel described the soil using the modified Burmeister Classification System, and recorded PID readings and visual and olfactory observations on soil boring logs attached in Appendix B.

One soil sample was collected for laboratory analysis at each boring location. This soil sample was biased towards the highest PID readings. The soil samples were containerized in accordance with EPA analytical protocols. Each sample was labeled, sealed, and placed in a chilled cooler for shipment to Severn Trent Laboratory. Each soil sample was analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and semivolatile organic compounds (SVOCs) by EPA Method 8270. A summary of laboratory results compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM 4046) Recommended Soil Cleanup Objectives is provided in Tables 1 and 2.

4.4 Groundwater Sampling

Temporary wells were installed in borings GP-2 to GP7. The wells were installed to depths ranging from 8 to 15 feet below grade.

At each boring location, direct push groundwater sampling was performed by pushing a one-inch diameter hollow steel rod into the ground to five feet below the groundwater interface approximately 15 feet below grade). When the bottom of the probe is at the

desired depth, the outer cylinder was pulled back exposing a perforated stainless steel sample entry barrel covered with either a nylon or polyethylene filter material. Hydrostatic pressure forces ground water into the sample compartment. Half-inch diameter polyethylene tubing with a check valve was inserted inside the hollow steel rod and sent down to the sample compartment to collect a groundwater sample.

Each sample was labeled, sealed, and placed in a chilled cooler for shipment to Severn Trent Laboratory. Groundwater samples were analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270. A summary of laboratory results compared to the NYSDEC Class GA Groundwater standards is provided in Tables 3 to 4.

5.0 FINDINGS

5.1 Geology and Hydrogeology

Light brown to tan sandy silt fill material was present in soil borings from just below the concrete slab inside the warehouses on Blocks 493 and 495 and ground surface outside the warehouse to approximately 7 to 15 feet below grade. Below the fill is a layer of gray organic clay.

Groundwater was encountered at depths ranging from approximately 4 to 10 feet below ground surface.

5.2 Soil Contamination

5.2.1 Field Observations

Coal tar-like free product was observed in the soil samples collected from 3 to 8 feet below the concrete slab in borings GP-2 and GP-6 on Block 493 Lot 1 and in boring GP-3 on Block 495 Lot 1. Petroleum-like odors and elevated PID readings (230 parts per million, [ppm]) were noted in soil collected from 7 to 8 feet in boring GP-7 located on Block 491 near Smith Street. No other staining, odors, elevated PID readings or other visual or olfactory evidence of contamination was noted in the soil samples collected from Block 489 Lot 1.

5.2.2 Volatile Organic Compounds (VOCs)

Laboratory analytical results for VOCs in soil are provided in Appendix C and summarized in Table 1.

Soil samples from locations GP-2 from 2 to 3 feet, GP-3 from 6 to 8 feet, and GP-6 from 4 to 6 feet had high concentrations of VOCs, most notably benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples with high levels of VOCs were concentrated in the area of the former tar tank locations on the south and southwestern potion of Block 493 Lot 1 and on the north area of Block 495 Lot 1. BTEX levels in the soil at these locations ranged from 12,800 ppm to 1,032,000 ppm.

VOCs were also detected in borings GP-1 from 2 to 3 feet, GP-5 from 6 to 8 feet, and GP-7 from 4 to 6 feet. However, the detected VOCs were below the Recommended Soil Cleanup Objectives (RSCOs) listed in NYSDEC Technical and Administrative Guidance Memorandum (TAGM) No. 4046 except for benzene in the soil sample GP-1. Acetone and/or methylene chloride were detected in all samples and method blanks. These compounds are, therefore, likely laboratory artifacts.

5.2.3 Semivolatile Organic Compounds (SVOCs)

Laboratory analytical results for SVOCs in soil are provided in Appendix C and summarized in Table 2.

Soil samples from boring locations GP-1, GP-2, GP-3, GP-6, and GP-7 showed high levels of semivolatile compounds. For each sample analyzed, the sum of semivolatile values—including that for naphthalene—was calculated in order to determine the amount of total target compound polynuclear aromatic hydrocarbons (PAH's). Total PAHs in the soil samples ranged from 0.95 ppm to 473,880 ppm.

5.3 Groundwater Contamination

5.3.1 Field Observations

To test the feasibility of free product collection and to measure the thickness of the free product, two one-inch piezometers were installed on Block 493 Lot 1: one piezometer in the area of the former coal tar tank locations and one near the Gowanus Canal, downgradient of the former tar tank locations. Due to the limited access of the site, no permanent monitoring wells could be installed.

One week after the installation of the two piezometers, they were checked for free product using a Teflon bailer. A layer with an approximately five inches thick of coal tar product was measured in piezometer GP-2. No measurable thickness of free product could be observed in piezometer GP-6. However, the exterior of the bailer was stained with coal tar. It should be noted that in order to test the free product collection and measure its thickness appropriately, 4-inch monitoring/collection wells need to be installed in the areas where the free product was observed.

5.3.2 Volatile Organic Compounds (VOCs)

Laboratory analytical results for VOCs in groundwater are provided in Appendix C and summarized in Table 3.

Although groundwater is not a source of potable water in Brooklyn, as a means of comparison, the results were compared to NYSDEC Class GA Groundwater Standard (Division of Water Technical and Operational Guidance Series [1.1.1]). VOCs were detected in all six groundwater samples at concentrations above the NYSDEC class GA groundwater standard. Total concentration of benzene, toluene, ethylbenzene and total xylenes in the six groundwater samples ranged from 21 to 10,789 µg/L. Methyl-tert-butyl-ether (MTBE) was detected in five of the six groundwater samples. The concentrations of MTBE ranged from 3.1 to 240 µg/L. Acetone and/or methylene chloride were detected in all samples and method blanks. These compounds are, therefore, laboratory artifacts.

5.3.3 Semivolatile Organic Compounds (SVOCs)

Laboratory analytical results for SVOCs in groundwater are provided in Appendix C and summarized in Table 4.

Semivolatile compounds were detected in all six groundwater samples with naphthalene concentrations ranging from 260 µg/L to 33,000 µg/L. There is no standard for naphthalene, but the guidance level is 10 µg/L.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The investigation revealed the following environmental conditions in connection with the property:

- Upon discovering free product in soil boring locations GP-2 and GP-6, FLS called in a spill to the New York State Department of Environmental Conservation (NYSDEC). The spill number for this incident is 0500510. Soil borings GP-2 and GP-6 were located in the area of the former tar tanks and adjacent to the Gowanus Canal on Block 395 Lot 1.
- Elevated levels of BTEX were detected in soil samples GP-2 from 2 to 3 feet, GP-3 from 6 to 8 feet, and GP-6 from 4 to 6 feet. The VOCs with naphthalene detected in the soil samples are related to the coal tar that was used historically in roofing material manufacturing. The high levels of SVOCs detected in soil samples from borings GP-1, GP-2, GP-3, and GP-6 located on Block 493 Lot 1 and Block 495 Lot 1 included polycyclic aromatic hydrocarbons (PAHs) and naphthalene. PAHs and naphthalene are a class of compounds present in coal tar, petroleum products, asphalt, and as byproducts of combustion. The areas of elevated PAHs and naphthalene are correspond to elevated levels of VOCs, and were in the vicinity of the former tar tank locations. Therefore, the detected PAH and naphthalene contamination appear to be related to a release of coal tar that was historically used on Block 493 Lot 1 by Barrett Manufacturing Company.
- BTEX were detected in all six groundwater samples at concentrations above the NYSDEC class GA groundwater standard. Elevated BTEX concentrations at three of these locations (GP-4, GP-5, and GP-7) are likely associated with an off-site source due to their proximity to the property line along Smith Street. Elevated BTEX concentrations at the other three locations (GP-2, GP-3, and GP-6 located on Block 493 Lot 1) are likely related to on-site historical use of the coal tar.
- Methyl-tert-butyl-ether (MTBE) was detected in five of the six groundwater samples. The concentrations of MTBE ranged from 3.1 to 240 µg/L. The presence of the MTBE in groundwater most likely is related to an off-site source.
- The groundwater samples from all six groundwater samples (GP-2 to GP-7) contained SVOC concentrations above the standard/guidance. The detected level of naphthalene in the six groundwater samples ranging from 260 µg/L to 33,000 µg/L. The detected SVOCs in groundwater samples GP-4, GP-5, and GP-7 are likely associated with an off-site source due to their proximity to the property line along Smith Street. The detected SVOCs in groundwater samples GP-2, GP-3, and GP-6 are most likely related to on-site historical use of the coal tar.

Based upon this site investigation, FLS has the following recommendations:

- A report summarizing the findings shall be sent to the NYSDEC to respond to the reported spill.
- A remediation plan will need to be developed and presented to NYSDEC. If the site will be developed, the development and remediation could proceed simultaneously.
- Further testing will be required to determine the vertical and horizontal extent of the contamination found in the soil and groundwater. Coal tar may be heavier than groundwater and sink to bedrock. Deep soil and groundwater testing will be necessary to determine if deep contamination exists under the site.

- If no development is imminent for the site, the free product could be removed by using in-situ pumping systems and soils bio-remediated by oxygenating the soil and groundwater allowing the site to continue in use while remediated.
- The site is a candidate for the New York State Brownfield program which provides tax credits for redevelopment of contaminated sites and a release from future liability at completion of the agreed upon clean-up.
- The cost of the clean-up cannot be accurately estimated until more detailed sampling is performed to determine the nature and extent of the contamination. Of particular interest on this site is the potential for contamination to sink deep down to bedrock. Coal tar, the raw material for roofing manufacture and creosote, a distillation by-product of this manufacture are often heavier than water. The contamination found in the shallow soils were coal tar products.
- While the information from this sampling is limited, the areas that we detected gross contamination and the potential that this contamination may be found deeply under the site lead us to conclude that the worst case remediation cost for this site could be in the range of $4 to $6 million. These costs include detailed site sampling ($200,000 to $300,000), Development of a Remedial Action Work Plan (RAWP) under the Brownfield Program ($200,000), and execution of the approved RAWP ($3.5 to 5.5 million).
- The Company that manufactured roofing on this site, the Barrett Manufacturing Company merged into Allied Chemical and Dye Company in 1920. Allied is the predecessor company to Honeywell Corporation. There may be an opportunity to recover some of the remediation costs for this remediation from Honeywell.

TABLES

TABLE 1
VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Dilution	NYSDEC	2	50	10
Method Blank	TAGM	MB-47479	MB-47449	MB-47479
Client ID	RSCO	GP-1(2-3)	GP-2(2-3)	GP-3(6-8)
Lab Sample ID		209249-001	209249-002	209249-003
Date Sampled		4/11/2005	4/11/2005	4/11/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound				
Chloromethane	NS	110 U	4800 U	650 U
Vinyl chloride	200	180 U	7600 U	1000 U
Bromomethane	NS	270 U	11000 U	1600 U
Chloroethane	1900	180 U	7600 U	1000 U
1 1-Dichloroethene	400	160 U	6700 U	910 U
Carbon disulfide	2700	200 U	8600 U	1200 U
Acetone	200	310 U	13000 U	1800 U
Methylene chloride	100	300 JB	4600 JB	860 JB
trans-1 2-Dichloroethene	300	110 U	4800 U	650 U
Methyl-tert-butyl-ether (MTBE)	NS	67 U	2900 U	390 U
1 1-Dichloroethane	200	130 U	5700 U	780 U
cis-1 2-Dichloroethene	NS	130 U	5700 U	780 U
2-Butanone (MEK)	300	270 U	11000 U	1600 U
Chloroform	300	160 U	6700 U	910 U
1 1 1-Trichloroethane	800	90 U	3800 U	520 U
Carbon tetrachloride	600	220 U	9500 U	1300 U
Benzene	60	**120 J**	**72000**	520 U
1 2-Dichloroethane	100	130 U	5700 U	780 U
Trichloroethene	700	160 U	6700 U	910 U
1 2-Dichloropropane	NS	200 U	8600 U	1200 U
Bromodichloromethane	NS	90 U	3800 U	520 U
cis-1 3-Dichloropropene	NS	110 U	4800 U	650 U
4-Methyl-2-pentanone (MIBK)	1000	160 U	6700 U	910 U
Toluene	1500	**130 J**	**210000**	**1100 J**
trans-1 3-Dichloropropene	NS	67 U	2900 U	390 U
1 1 2-Trichloroethane	NS	130 U	5700 U	780 U
Tetrachloroethene	1400	110 U	4800 U	650 U
2-Hexanone	NS	180 U	7600 U	1000 U
Dibromochloromethane	NS	110 U	4800 U	650 U
Chlorobenzene	1700	90 U	3800 U	520 U
Ethylbenzene	5500	220 U	**150000**	**4500 J**
Styrene	NS	110 U	46000 J	650 U
Bromoform	NS	180 U	7600 U	1000 U
1 1 2 2-Tetrachloroethane	600	90 U	3800 U	520 U
Xylenes (total)	1200	**580 J**	**600000**	**7200**
TOTAL BTEX		**830**	**1,032,000**	**12,800**

Key:	
U:	Undetected.
J:	Report is an estimated value below the reporting limit.
B:	Found in the blank and sample
NS:	No standard.

TABLE 1
VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Dilution	NYSDEC	1	1	10	2
Method Blank	TAGM	MB-47248	MB-47248	MB-47449	MB-47479
Client ID	RSCO	GP-4(3-4)	GP-5(8-8)	GP-6(4-6)	GP-7(4-6)
Lab Sample ID		209249-004	209249-005	209249-006	209249-007
Date Sampled		4/11/2005	4/11/2005	4/11/2005	4/11/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound					
Chloromethane	NS	1.9 U	1.9 U	610 U	110 U
Vinyl chloride	200	2.4 U	2.3 U	980 U	180 U
Bromomethane	NS	2.6 U	2.6 U	1500 U	270 U
Chloroethane	1900	3.4 U	3.4 U	980 U	180 U
1 1-Dichloroethene	400	2.4 U	2.3 U	860 U	160 U
Carbon disulfide	2700	2 U	2 U	1100 U	200 U
Acetone	200	6.9 JB	8.1 JB	1700 U	320 U
Methylene chloride	100	5.8 JB	4.3 JB	960 JB	310 JB
trans-1 2-Dichloroethene	300	1.7 U	1.6 U	610 U	110 U
Methyl-tert-butyl-ether (MTBE)	NS	0.35 U	24	370 U	68 U
1 1-Dichloroethane	200	1.5 U	1.5 U	730 U	140 U
cis-1 2-Dichloroethene	NS	1.4 U	1.4 U	730 U	140 U
2-Butanone (MEK)	300	2.7 U	2.7 U	1500 U	270 U
Chloroform	300	1.3 U	1.3 U	860 U	160 U
1 1 1-Trichloroethane	800	1.9 U	1.9 U	490 U	90 U
Carbon tetrachloride	600	2.5 U	2.5 U	1200 U	230 U
Benzene	60	1.7 U	**20**	**1100 J**	90 U
1 2-Dichloroethane	100	2.1 U	2.1 U	730 U	140 U
Trichloroethene	700	2 U	2 U	860 U	160 U
1 2-Dichloropropane	NS	1.3 U	1.3 U	1100 U	200 U
Bromodichloromethane	NS	1.1 U	1.1 U	490 U	90 U
cis-1 3-Dichloropropene	NS	0.47 U	0.47 U	610 U	110 U
4-Methyl-2-pentanone (MIBK)	1000	1.2 U	1.2 U	860 U	160 U
Toluene	1500	2 U	2 U	**1900 J**	76 J
trans-1 3-Dichloropropene	NS	0.59 U	0.59 U	370 U	68 U
1 1 2-Trichloroethane	NS	0.71 U	0.7 U	730 U	140 U
Tetrachloroethene	1400	2.2 U	2.2 U	610 U	110 U
2-Hexanone	NS	2.7 U	2.7 U	980 U	180 U
Dibromochloromethane	NS	0.59 U	0.59 U	610 U	110 U
Chlorobenzene	1700	1.3 U	1.3 U	490 U	90 U
Ethylbenzene	5500	2.1 U	**54**	**17000**	700 J
Styrene	NS	1.2 U	1.2 U	610 U	110 U
Bromoform	NS	0.71 U	0.7 U	980 U	180 U
1 1 2 2-Tetrachloroethane	600	0.59 U	0.59 U	490 U	90 U
Xylenes (total)	1200	5.3 U	**22**	**39000**	370 J
TOTAL BTEX		**0**	**96**	**59,000**	**1,146**

Key:	
U:	Undetected.
J:	Report is an estimated value below the reporting limit.
B:	Found in the blank and sample
NS:	No standard.

TABLE 1
VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Dilution Method Blank Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM RSCO ug/Kg	1 MB-47248 GP-8(2-4) 209249-008 4/11/2005 ug/Kg	1 MB-47248 GP-9(3-5) 209249-009 4/11/2005 ug/Kg	1 MB-47248 GP-10(2-4) 209249-010 4/11/2005 ug/Kg
Compound				
Chloromethane	NS	1.9 U	1.9 U	1.8 U
Vinyl chloride	200	2.3 U	2.4 U	2.3 U
Bromomethane	NS	2.6 U	2.6 U	2.5 U
Chloroethane	1900	3.4 U	3.5 U	3.3 U
1 1-Dichloroethene	400	2.3 U	2.4 U	2.3 U
Carbon disulfide	2700	2 U	2 U	1.9 U
Acetone	200	8.5 JB	5.3 JB	4.9 JB
Methylene chloride	100	4.7 JB	5.6 JB	5.3 JB
trans-1 2-Dichloroethene	300	1.6 U	1.7 U	1.6 U
Methyl-tert-butyl-ether (MTBE)	NS	0.35 U	0.36 U	0.34 U
1 1-Dichloroethane	200	1.5 U	1.5 U	1.5 U
cis-1 2-Dichloroethene	NS	1.4 U	1.4 U	1.4 U
2-Butanone (MEK)	300	2.7 U	2.7 U	2.6 U
Chloroform	300	1.3 U	1.3 U	1.2 U
1 1 1-Trichloroethane	800	1.9 U	1.9 U	1.8 U
Carbon tetrachloride	600	2.4 U	2.5 U	2.4 U
Benzene	60	1.6 U	1.7 U	1.6 U
1 2-Dichloroethane	100	2.1 U	2.1 U	2 U
Trichloroethene	700	2 U	2 U	1.9 U
1 2-Dichloropropane	NS	1.3 U	1.3 U	1.2 U
Bromodichloromethane	NS	1 U	1.1 U	1 U
cis-1 3-Dichloropropene	NS	0.47 U	0.48 U	0.45 U
4-Methyl-2-pentanone (MIBK)	1000	1.2 U	1.2 U	1.1 U
Toluene	1500	2 U	2 U	1.9 U
trans-1 3-Dichloropropene	NS	0.58 U	0.6 U	0.57 U
1 1 2-Trichloroethane	NS	0.7 U	0.72 U	0.68 U
Tetrachloroethene	1400	2.2 U	2.3 U	2.2 U
2-Hexanone	NS	2.7 U	2.7 U	2.6 U
Dibromochloromethane	NS	0.58 U	0.6 U	0.57 U
Chlorobenzene	1700	1.3 U	1.3 U	1.2 U
Ethylbenzene	5500	2.1 U	2.1 U	2 U
Styrene	NS	1.2 U	1.2 U	1.1 U
Bromoform	NS	0.7 U	0.72 U	0.68 U
1 1 2 2-Tetrachloroethane	600	0.58 U	0.6 U	0.57 U
Xylenes (total)	1200	5.2 U	5.4 U	5.1 U
TOTAL BTEX		0	0	0

Key:	
U:	Undetected.
J:	Report is an estimated value below the reporting limit.
B:	Found in the blank and sample
NS:	No standard.

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank	NYSDEC	MB-47367	MB-47367	MB-47367
Client ID	TAGM	GP-1(2-3)	GP-2(2-3)	GP-3(6-8)
Lab Sample ID	RSCO	209249-001	209249-002	209249-003
Date Sampled		4/11/2005	4/11/2005	4/11/2005
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Compound				
Phenol	30	5400 U	180000 U	12000 U
Bis(2-chloroethyl)ether	NS	2500 U	86000 U	5700 U
1 3-Dichlorobenzene	1600	2800 U	97000 U	6400 U
1 4-Dichlorobenzene	8500	2900 U	100000 U	6700 U
1 2-Dichlorobenzene	7900	3100 U	110000 U	7000 U
Benzyl alcohol	NS	3500 U	120000 U	7900 U
2-Methylphenol	100	4900 U	170000 U	11000 U
2 2-oxybis (1-chloropropane)	NS	2600 U	89000 U	5900 U
n-Nitroso-di-n-propylamine	NS	2500 U	86000 U	5700 U
Hexachloroethane	NS	3300 U	110000 U	7400 U
4-Methylphenol	900	9900 U	340000 U	23000 U
2-Chlorophenol	800	4800 U	160000 U	11000 U
Nitrobenzene	200	2200 U	76000 U	5000 U
Bis(2-chloroethoxy)methane	NS	3200 U	110000 U	7200 U
1 2 4-Trichlorobenzene	3400	3100 U	110000 U	7000 U
Isophorone	4400	3300 U	110000 U	7600 U
2 4-Dimethylphenol	NS	9500 U	330000 U	22000 U
Hexachlorobutadiene	NS	3800 U	130000 U	8600 U
Naphthalene	13000	140000	400000000	670000
2 4-Dichlorophenol	400	6000 U	210000 U	14000 U
4-Chloroaniline	220	5900 U	200000 U	13000 U
2 4 6-Trichlorophenol	NS	4700 U	160000 U	11000 U
2 4 5-Trichlorophenol	100	6700 U	230000 U	15000 U
Hexachlorocyclopentadiene	NS	14000 U	470000 U	31000 U
2-Methylnaphthalene	36400	80000	19000000	160000
2-Nitroaniline	430	2300 U	80000 U	5300 U
2-Chloronaphthalene	NS	2700 U	93000 U	6200 U
4-Chloro-3-methylphenol	240	6300 U	210000 U	14000 U
2 6-Dinitrotoluene	1000	3400 U	120000 U	7700 U
2-Nitrophenol	330	6400 U	220000 U	15000 U
3-Nitroaniline	500	3800 U	130000 U	8700 U
Dimethyl phthalate	2000	2800 U	97000 U	6400 U
2 4-Dinitrophenol	200	6400 U	220000 U	14000 U
Acenaphthylene	41000	8900 J	1900000	6500 J
2 4-Dinitrotoluene	NS	3300 U	110000 U	7600 U
Acenaphthene	50000	39000	13000000 J	81000
Dibenzofuran	6200	38000	11000000 J	52000
4-Nitrophenol	100	7900 U	470000 J	18000 U
Fluorene	50000	61000	12000000 J	57000
4-Nitroaniline	NS	2700 U	91000 U	6000 U
4-Bromophenyl phenyl ether	NS	2800 U	97000 U	6400 U
Hexachlorobenzene	410	2700 U	93000 U	6200 U
Diethyl phthalate	7100	2700 U	93000 U	6200 U
4-Chlorophenyl phenyl ether	NS	2600 U	87000 U	5800 U

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM RSCO ug/Kg	MB-47367 GP-1(2-3) 209249-001 4/11/2005 ug/Kg	MB-47367 GP-2(2-3) 209249-002 4/11/2005 ug/Kg	MB-47367 GP-3(6-8) 209249-003 4/11/2005 ug/Kg
Pentachlorophenol	1000	16000 U	550000 U	38000 U
n-Nitrosodiphenylamine	NS	2800 U	95000 U	6300 U
4 6-Dinitro-2-methylphenol	NS	13000 U	450000 U	30000 U
Phenanthrene	50000	310000	28000000 J	160000
Anthracene	50000	77000	11000000 J	48000
Carbazole	NS	17000 J	3400000	15000 J
Di-n-butyl phthalate	8100	2400 U	84000 U	5500 U
Fluoranthene	50000	190000	9200000 J	56000
Pyrene	50000	150000	690000	49000
Butyl benzyl phthalate	50000	2400 U	82000 U	5400 U
Benzo(a)anthracene	224	46000	1600000	16000 J
Chrysene	400	51000	1700000	16000 J
3 3-Dichlorobenzidine	NS	4900 U	170000 U	11000 U
Bis(2-ethylhexyl)phthalate	50000	2400 U	84000 U	5500 U
Di-n-octyl phthalate	50000	1900 U	67000 U	4400 U
Benzo(b)fluoranthene	1100	34000 H	660000	12000 U
Benzo(k)fluoranthene	1100	37000	960000	9100 J
Benzo(a)pyrene	61	47000	1100000	15000 J
Indeno(1 2 3-cd)pyrene	3200	24000 J	450000 J	5900 J
Dibenzo(a h)anthracene	14	9000 JM	140000 J	4700 U
Benzo(ghi)perylene	50000	29000 J	510000 J	8400 J
TOTAL PAHs	**353,799**	**906,900**	**473,880,000**	**1,153,600**

Key:	
U	Undetected.
J	Result is an estimated value below the reporting limit.
B	Found in the blank and sample.
M	Manually integrated compound.
H	Chemist calculated the result from a chromatographic peak different from that was selected by the instrument.

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM RSCO ug/Kg	MB-47367 GP-4(3-4) 209249-004 4/11/2005 ug/Kg	MB-47367 GP-5(6-8) 209249-005 4/11/2005 ug/Kg	MB-47367 GP-6(4-6) 209249-006 4/11/2005 ug/Kg
Compound				
Phenol	30	570 U	110 U	11000 U
Bis(2-chloroethyl)ether	NS	270 U	52 U	5300 U
1 3-Dichlorobenzene	1600	300 U	59 U	6000 U
1 4-Dichlorobenzene	8500	310 U	61 U	6200 U
1 2-Dichlorobenzene	7900	330 U	65 U	6600 U
Benzyl alcohol	NS	370 U	73 U	7400 U
2-Methylphenol	100	520 U	100 U	10000 U
2 2-oxybis (1-chloropropane)	NS	280 U	54 U	5500 U
n-Nitroso-di-n-propylamine	NS	270 U	52 U	5300 U
Hexachloroethane	NS	350 U	68 U	6900 U
4-Methylphenol	900	1100 U	210 U	21000 U
2-Chlorophenol	800	510 U	100 U	10000 U
Nitrobenzene	200	240 U	46 U	4700 U
Bis(2-chloroethoxy)methane	NS	340 U	66 U	6700 U
1 2 4-Trichlorobenzene	3400	330 U	65 U	6600 U
Isophorone	4400	350 U	70 U	7100 U
2 4-Dimethylphenol	NS	1000 U	200 U	20000 U
Hexachlorobutadiene	NS	400 U	79 U	8000 U
Naphthalene	13000	5400	630	6300000
2 4-Dichlorophenol	400	640 U	130 U	13000 U
4-Chloroaniline	220	630 U	120 U	13000 U
2 4 6-Trichlorophenol	NS	500 U	98 U	10000 U
2 4 5-Trichlorophenol	100	710 U	140 U	14000 U
Hexachlorocyclopentadiene	NS	1500 U	290 U	29000 U
2-Methylnaphthalene	36400	680 J	190 J	1600000
2-Nitroaniline	430	250 U	49 U	4900 U
2-Chloronaphthalene	NS	290 U	57 U	10000 U
4-Chloro-3-methylphenol	240	670 U	130 U	13000 U
2 6-Dinitrotoluene	1000	360 U	71 U	7200 U
2-Nitrophenol	330	680 U	130 U	14000 U
3-Nitroaniline	500	410 U	80 U	8100 U
Dimethyl phthalate	2000	300 U	59 U	6000 U
2 4-Dinitrophenol	200	680 U	130 U	14000 U
Acenaphthylene	41000	240 U	47 U	41000
2 4-Dinitrotoluene	NS	350 U	70 U	7100 U
Acenaphthene	50000	1700 J	130 J	720000 J
Dibenzofuran	6200	1300 J	61 U	500000 J
4-Nitrophenol	100	840 U	160 U	20000 J
Fluorene	50000	1700 J	50 U	580000 J
4-Nitroaniline	NS	280 U	56 U	5700 U
4-Bromophenyl phenyl ether	NS	300 U	59 U	6000 U
Hexachlorobenzene	410	290 U	57 U	5800 U
Diethyl phthalate	7100	290 U	57 U	5800 U
4-Chlorophenyl phenyl ether	NS	270 U	53 U	5400 U

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM RSCO ug/Kg	MB-47367 GP-4(3-4) 209249-004 4/11/2005 ug/Kg	MB-47367 GP-5(6-8) 209249-005 4/11/2005 ug/Kg	MB-47367 GP-6(4-6) 209249-006 4/11/2005 ug/Kg
Pentachlorophenol	1000	1700 U	330 U	34000 U
n-Nitrosodiphenylamine	NS	290 U	58 U	5900 U
4 6-Dinitro-2-methylphenol	NS	1400 U	280 U	28000 U
Phenanthrene	50000	18000	170 J	2300000
Anthracene	50000	3900	64 U	450000 J
Carbazole	NS	1700 J	57 U	99000 U
Di-n-butyl phthalate	8100	260 U	51 U	5200 U
Fluoranthene	50000	19000	49 U	620000 JM
Pyrene	50000	14000	53 U	420000 J
Butyl benzyl phthalate	50000	250 U	50 U	5100 U
Benzo(a)anthracene	224	6000	52 U	99000 J
Chrysene	400	6400	49 U	100000 JM
3 3-Dichlorobenzidine	NS	520 U	100 U	10000 U
Bis(2-ethylhexyl)phthalate	50000	260 U	51 U	5200 U
Di-n-octyl phthalate	50000	240 U	41 U	4100 U
Benzo(b)fluoranthene	1100	5400	110 U	54000 H
Benzo(k)fluoranthene	1100	5300	43 U	59000
Benzo(a)pyrene	61	6500	47 U	73000
Indeno(1 2 3-cd)pyrene	3200	3500	39 U	31000 J
Dibenzo(a h)anthracene	14	1300 JH	43 U	15000 JM
Benzo(ghi)perylene	50000	4200	43 U	39000
TOTAL PAHs	353,799	76,380	950	10,835,000

Key:	
U	Undetected.
J	Result is an estimated value below the reporting limit.
B	Found in the blank and sample.
M	Manually integrated compound.
H	Chemist calculated the result from a chromatographic peak different from that was selected by the instrument.

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM RSCO ug/Kg	MB-47367 GP-7(4-6) 209249-007 4/11/2005 ug/Kg	MB-47367 GP-8(2-4) 209249-008 4/11/2005 ug/Kg	MB-47367 GP-9(3-5) 209249-009 4/11/2005 ug/Kg	MB-47367 GP-10(2-4) 209249-010 4/11/2005 ug/Kg
Compound					
Phenol	30	2100 U	110 U	230 U	110 U
Bis(2-chloroethyl)ether	NS	990 U	52 U	110 U	50 U
1 3-Dichlorobenzene	1600	1100 U	59 U	120 U	57 U
1 4-Dichlorobenzene	8500	1200 U	61 U	130 U	59 U
1 2-Dichlorobenzene	7900	1200 U	65 U	130 U	63 U
Benzyl alcohol	NS	1400 U	73 U	150 U	70 U
2-Methylphenol	100	2000 U	100 U	210 U	99 U
2 2-oxybis (1-chloropropane)	NS	1000 U	54 U	110 U	53 U
n-Nitroso-di-n-propylamine	NS	990 U	52 U	110 U	50 U
Hexachloroethane	NS	1300 U	68 U	140 U	66 U
4-Methylphenol	900	3900 U	210 U	420 U	200 U
2-Chlorophenol	800	1900 U	100 U	200 U	96 U
Nitrobenzene	200	880 U	46 U	95 U	45 U
Bis(2-chloroethoxy)methane	NS	1300 U	66 U	130 U	64 U
1 2 4-Trichlorobenzene	3400	1200 U	65 U	130 U	63 U
Isophorone	4400	1300 U	69 U	140 U	67 U
2 4-Dimethylphenol	NS	3800 U	200 U	410 U	190 U
Hexachlorobutadiene	NS	1500 U	79 U	160 U	76 U
Naphthalene	13000	49000	260 J	820	120 J
2 4-Dichlorophenol	400	2400 U	130 U	260 U	120 U
4-Chloroaniline	220	2300 U	120 U	250 U	120 U
2 4 6-Trichlorophenol	NS	1900 U	98 U	200 U	95 U
2 4 5-Trichlorophenol	100	2700 U	140 U	290 U	140 U
Hexachlorocyclopentadiene	NS	5400 U	290 U	590 U	280 U
2-Methylnaphthalene	36400	12000	200 J	150 J	59 U
2-Nitroaniline	430	920 U	49 U	99 U	47 U
2-Chloronaphthalene	NS	1100 U	57 U	120 U	55 U
4-Chloro-3-methylphenol	240	2500 U	130 U	270 U	130 U
2 6-Dinitrotoluene	1000	1300 U	71 U	140 U	68 U
2-Nitrophenol	330	2500 U	130 U	270 U	130 U
3-Nitroaniline	500	1500 U	80 U	160 U	77 U
Dimethyl phthalate	2000	1100 U	59 U	120 U	57 U
2 4-Dinitrophenol	200	2500 U	130 U	270 U	130 U
Acenaphthylene	41000	900 U	58 J	230 J	46 U
2 4-Dinitrotoluene	NS	1300 U	69 U	140 U	67 U
Acenaphthene	50000	1500 J	180 J	620 J	100 J
Dibenzofuran	6200	1200 U	98 J	360 J	73 J
4-Nitrophenol	100	3100 U	160 U	340 U	160 U
Fluorene	50000	1600 J	160 J	570 J	88 J
4-Nitroaniline	NS	1100 U	56 U	110 U	54 U
4-Bromophenyl phenyl ether	NS	1100 U	59 U	120 U	57 U
Hexachlorobenzene	410	1100 U	57 U	120 U	55 U
Diethyl phthalate	7100	1100 U	57 U	120 U	55 U
4-Chlorophenyl phenyl ether	NS	1000 U	53 U	110 U	51 U

TABLE 2
SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

Method Blank Client ID Lab Sample ID Date Sampled Units:	NYSDEC TAGM RSCO ug/Kg	MB-47367 GP-7(4-6) 209249-007 4/11/2005 ug/Kg	MB-47367 GP-8(2-4) 209249-008 4/11/2005 ug/Kg	MB-47367 GP-9(3-5) 209249-009 4/11/2005 ug/Kg	MB-47367 GP-10(2-4) 209249-010 4/11/2005 ug/Kg
Pentachlorophenol	1000	6300 U	330 U	680 U	320 U
n-Nitrosodiphenylamine	NS	1100 U	58 U	120 U	56 U
4 6-Dinitro-2-methylphenol	NS	5200 U	280 U	570 U	270 U
Phenanthrene	50000	1500000	1800	7000	1100
Anthracene	50000	1600 J	450	1700	250 J
Carbazole	NS	1100 U	110 J	410 J	78 J
Di-n-butyl phthalate	8100	970 U	51 U	100 U	49 U
Fluoranthene	50000	11000	4200	8000	1600
Pyrene	50000	9000	4000	7100	1600
Butyl benzyl phthalate	50000	940 U	50 U	100 U	48 U
Benzo(a)anthracene	224	4000 J	1600	2900	690
Chrysene	400	4600 J	1900	3200	880
3 3-Dichlorobenzidine	NS	2000 U	100 U	210 U	99 U
Bis(2-ethylhexyl)phthalate	50000	970 U	53 J	100 U	49 U
Di-n-octyl phthalate	50000	770 U	41 U	83 U	39 U
Benzo(b)fluoranthene	1100	2900 J	1400	2100 H	730
Benzo(k)fluoranthene	1100	3500 J	1400	2200	690
Benzo(a)pyrene	61	3800 J	1800	2800	830
Indeno(1 2 3-cd)pyrene	3200	1700 J	1100	1300	560
Dibenzo(a h)anthracene	14	810 U	410	510 J	220 JH
Benzo(ghi)perylene	50000	1900 J	1300	1400	690
TOTAL PAHs	353,799	102,000	17,818	30,600	8,178

Key:	
U	Undetected.
J	Result is an estimated value below the reporting limit.
B	Found in the blank and sample.
M	Manually integrated compound.
H	Chemist calculated the result from a chromatographic peak different from that was selected by the instrument.

TABLE 3
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

Dilution Method Blank Client ID Lab Sample ID Date Sampled Units	NYS Groundwater Quality Standards	2 MB-47481 GP-2 209249-01 4/11/05 ug/L	10 MB-47448 GP-3 209249-012 4/11/05 ug/L	4 MB-47448 GP-4 209249-013 4/11/05 ug/L	50 MB-47448 GP-5 209249-014 4/11/05 ug/L	50 MB-47448 GP-6 209249-015 4/11/05 ug/L	1 MB-47481 GP-7 209249-016 4/11/05 ug/L
Compound							
Chloromethane	50	1 U	5 U	2 U	25 U	25 U	0.5 U
Vinyl chloride	2	1.6 U	8 U	3.2 U	40 U	40 U	0.8 U
Bromomethane	5	2.4 U	12 U	4.8 U	60 U	60 U	1.2 U
Chloroethane	5	1.6 U	8 U	3.2 U	40 U	40 U	0.8 U
1 1-Dichloroethene	5	1.4 U	7 U	2.8 U	35 U	35 U	0.7 U
Carbon disulfide	50	3 J	9 U	9.5 J	45 U	45 U	0.9 U
Acetone	5	4.7 J	14 U	5.6 U	70 U	130 J	1.4 U
Methylene chloride	5	2.5 JB	9.6 JB	4.8 JB	60 JB	63 JB	0.47 JB
trans-1 2-Dichloroethene	5	1 U	5 U	2 U	25 U	25 U	0.5 U
Methyl-tert-butyl-ether (MTBE)	10	40	6.3 J	3.1 J	240 J	15 U	15
1 1-Dichloroethane	5	1.2 U	6 U	2.4 U	30 U	30 U	0.6 U
cis-1 2-Dichloroethene	5	1.2 U	6 U	2.4 U	30 U	30 U	0.6 U
2-Butanone (MEK)	50	2.4 U	12 U	4.8 U	60 U	60 U	1.2 U
Chloroform	7	1.4 U	7 U	2.8 U	35 U	35 U	0.7 U
1 1 1-Trichloroethane	5	0.8 U	4 U	1.6 U	20 U	20 U	0.4 U
Carbon tetrachloride	5	2 U	10 U	4 U	50 U	50 U	1 U
Benzene	0.7	180	420	280	2000	730	3.9 J
1 2-Dichloroethane	5	1.2 U	6 U	2.4 U	30 U	30 U	0.6 U
Trichloroethene	5	1.4 U	7 U	2.8 U	35 U	35 U	0.7 U
2-Dichloropropane	1	1.8 U	9 U	3.6 U	45 U	45 U	0.9 U
Bromodichloromethane	5	0.8 U	4 U	1.6 U	20 U	20 U	0.4 U
cis-1 3-Dichloropropene	0.4	1 U	5 U	2 U	25 U	25 U	0.5 U
4-Methyl-2-pentanone (MIBK)	NS	1.4 U	7 U	2.8 U	35 U	35 U	0.7 U
Toluene	5	110	16 J	29	89 J	850	0.3 J
trans-1 3-Dichloropropene	0.4	1.6 U	8 U	3.2 U	40 U	40 U	0.8 U
1 1 2-Trichloroethane	1	1.2 U	6 U	2.4 U	30 U	30 U	0.6 U
Tetrachloroethene	5	1 U	5 U	2 U	25 U	25 U	0.5 U
2-Hexanone	NS	1.6 U	8 U	3.2 U	40 U	40 U	0.8 U
Dibromochloromethane	5	1 U	5 U	2 U	25 U	25 U	0.5 U
Chlorobenzene	5	0.8 U	4 U	1.6 U	20 U	20 U	0.4 U
Ethylbenzene	5	200	1100	430	5000	1000	10
Styrene	5	11	5 U	3.4 J	25 U	25 U	0.5 U
Bromoform		1.6 U	8 U	3.2 U	40 U	40 U	0.8 U
1 1 2 2-Tetrachloroethane	5	0.8 U	4 U	1.6 U	20 U	20 U	0.4 U
Xylenes (total)	10	250	92	230	3700	1800	6.9
TOTAL BTEX		**740**	**1,628**	**969**	**10,789**	**4,380**	**21**

Key:	
U:	Undetected.
J:	Report is an estimated value below the reporting limit.
B:	Found in the blank and sample
NS:	No standard.

TABLE 4
SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

Dilution Method Blank Client ID Lab Sample ID Date Sampled Units	NYS Groundwater Quality Standards	100 MB-47276 GP-2 209249-011 4/11/2005 ug/L	200 MB-47276 GP-3 209249-012 4/11/2005 ug/L	200 MB-47276 GP-4 209249-013 4/11/2005 ug/L
Phenol		56 U	110 U	110 U
Bis(2-chloroethyl)ether		56 U	110 U	110 U
1 3-Dichlorobenzene		100 U	200 U	200 U
1 4-Dichlorobenzene		100 U	200 U	200 U
1 2-Dichlorobenzene		78 U	160 U	160 U
Benzyl alcohol		44 U	89 U	89 U
2-Methylphenol		100 U	200 U	200 U
2 2-oxybis (1-chloropropane)		67 U	130 U	130 U
n-Nitroso-di-n-propylamine		120 U	240 U	240 U
Hexachloroethane		100 U	200 U	200 U
4-Methylphenol		180 U	360 U	360 U
2-Chlorophenol		120 U	240 U	240 U
Nitrobenzene		56 U	110 U	110 U
Bis(2-chloroethoxy)methane		56 U	110 U	110 U
1 2 4-Trichlorobenzene		67 U	130 U	130 U
Isophorone		67 U	130 U	130 U
2 4-Dimethylphenol		170 J	180 U	180 U
Hexachlorobutadiene		120 U	240 U	240 U
Naphthalene	10	8700	6700	16000
2 4-Dichlorophenol		110 U	220 U	220 U
4-Chloroaniline		67 U	130 U	130 U
2 4 6-Trichlorophenol		200 U	400 U	400 U
2 4 5-Trichlorophenol		100 U	200 U	200 U
Hexachlorocyclopentadiene		640 U	1300 U	1300 U
2-Methylnaphthalene	50	1200	480 J	1100 J
2-Nitroaniline		100 U	200 U	200 U
2-Chloronaphthalene		89 U	180 U	180 U
4-Chloro-3-methylphenol		160 U	310 U	310 U
2 6-Dinitrotoluene		67 U	130 U	130 U
2-Nitrophenol		130 U	270 U	270 U
3-Nitroaniline		78 U	160 U	160 U
Dimethyl phthalate		67 U	130 U	130 U
2 4-Dinitrophenol		200 U	400 U	400 U
Acenaphthylene	20	83 J	160 U	160 U
2 4-Dinitrotoluene		110 U	220 U	220 U
Acenaphthene	20	500 J	220 J	470 J
Dibenzofuran	5	370 J	180 U	180 U
4-Nitrophenol		89 U	180 U	180 U
Fluorene	50	290 J	160 U	160 U
4-Nitroaniline		89 U	180 U	180 U
4-Bromophenyl phenyl ether		78 U	160 U	160 U
Hexachlorobenzene		78 U	160 U	160 U
Diethyl phthalate		89 U	180 U	180 U
4-Chlorophenyl phenyl ether		100 U	200 U	200 U

TABLE 4
SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

Dilution Method Blank Client ID Lab Sample ID Date Sampled Units	NYS Groundwater Quality Standards	100 MB-47276 GP-2 209249-011 4/11/2005 ug/L	200 MB-47276 GP-3 209249-012 4/11/2005 ug/L	200 MB-47276 GP-4 209249-013 4/11/2005 ug/L
Pentachlorophenol		180 U	360 U	360 U
n-Nitrosodiphenylamine		67 U	130 U	130 U
4 6-Dinitro-2-methylphenol		190 U	380 U	380 U
Phenanthrene	50	540 J	200 J	130 J
Anthracene	50	100 J	180 U	180 U
Carbazole		170 J	67 U	67 U
Di-n-butyl phthalate	50	89 U	180 U	180 U
Fluoranthene	50	140 J	130 U	130 U
Pyrene	50	110 J	89 U	89 U
Butyl benzyl phthalate		67 U	130 U	130 U
Benzo(a)anthracene		44 U	89 U	89 U
Chrysene		56 U	110 U	110 U
3 3-Dichlorobenzidine		78 U	160 U	160 U
Bis(2-ethylhexyl)phthalate		280 U	560 U	560 U
Di-n-octyl phthalate	50	78 U	160 U	160 U
Benzo(b)fluoranthene	0.002	110 U	220 U	220 U
Benzo(k)fluoranthene	0.002	180 U	360 U	360 U
Benzo(a)pyrene	0.002	56 U	110 U	110 U
Indeno(1 2 3-cd)pyrene	0.002	78 U	160 U	160 U
Dibenzo(a h)anthracene	50	89 U	180 U	180 U
Benzo(ghi)perylene	5	67 U	130 U	130 U

Key:	
U:	Undetected.
J:	Result is an estimated value below the reporting limit.
M:	Manually integrated compound.

TABLE 4
SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

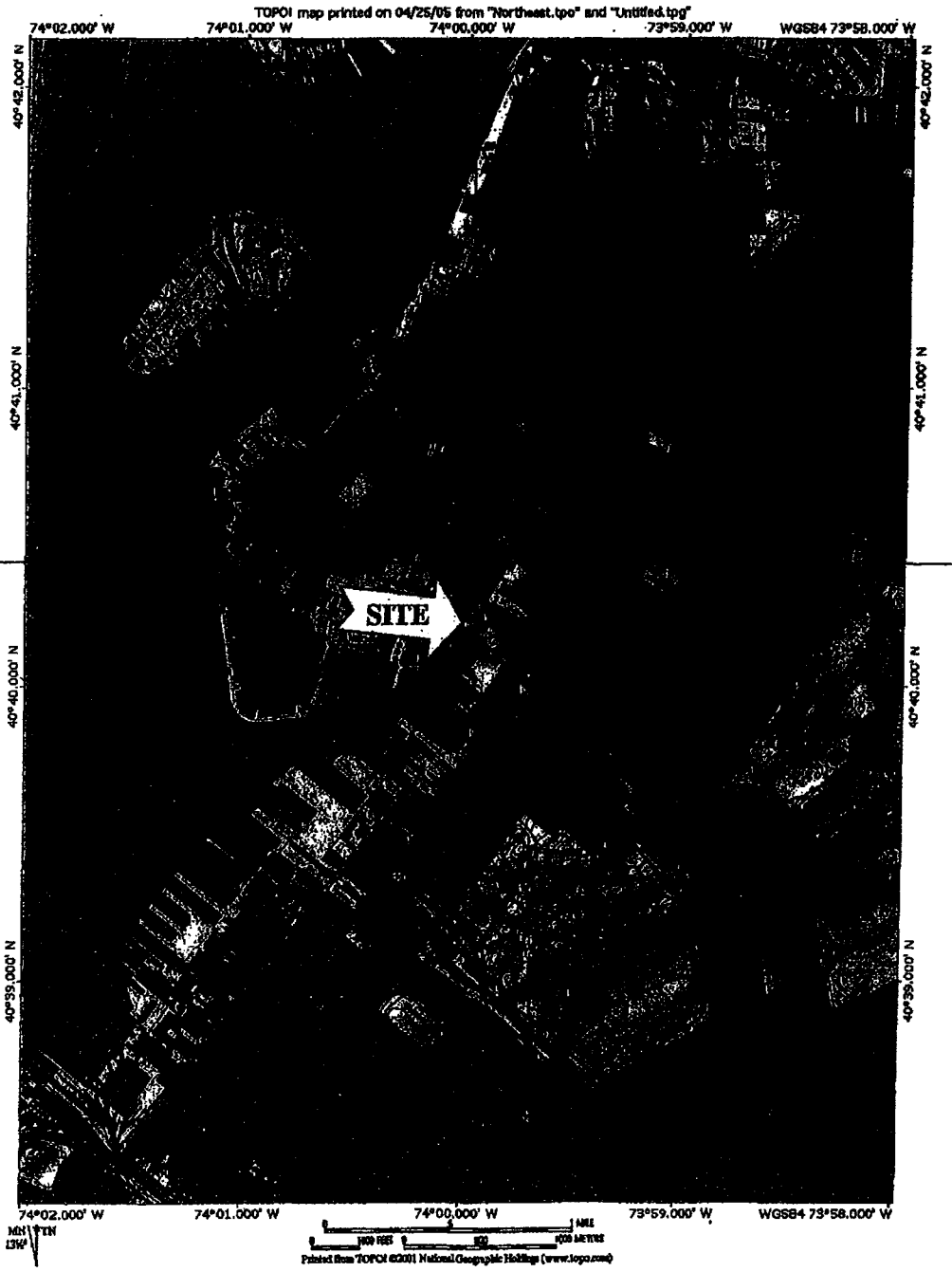
Dilution	200	500	4
Method Blank	MB-47276	MB-47276	MB-47276
Client ID	GP-5	GP-6	GP-7
Lab Sample ID	209249-014	209249-015	209249-016
Date Sampled	4/11/2005	4/11/2005	4/11/2005
Units	ug/L	ug/L	ug/L
Phenol	110 U	560 U	2 U
Bis(2-chloroethyl)ether	110 U	560 U	2 U
1 3-Dichlorobenzene	200 U	1000 U	4 U
1 4-Dichlorobenzene	200 U	1000 U	4 U
1 2-Dichlorobenzene	160 U	780 U	3 U
Benzyl alcohol	89 U	440 U	2 U
2-Methylphenol	200 U	1000 U	4 U
2 2-oxybis (1-chloropropane)	130 U	670 U	3 U
n-Nitroso-di-n-propylamine	240 U	1200 U	5 U
Hexachloroethane	200 U	1000 U	4 U
4-Methylphenol	360 U	1800 U	7 U
2-Chlorophenol	240 U	1200 U	5 U
Nitrobenzene	110 U	560 U	2 U
Bis(2-chloroethoxy)methane	110 U	560 U	2 U
1 2 4-Trichlorobenzene	130 U	670 U	3 U
Isophorone	130 U	670 U	3 U
2 4-Dimethylphenol	180 U	4700 J	4 U
Hexachlorobutadiene	240 U	1200 U	5 U
Naphthalene	12000	33000	260
2 4-Dichlorophenol	220 U	1100 U	4 U
4-Chloroaniline	130 U	670 U	3 U
2 4 6-Trichlorophenol	400 U	2000 U	8 U
2 4 5-Trichlorophenol	200 U	1000 U	4 U
Hexachlorocyclopentadiene	1300 U	6400 U	26 U
2-Methylnaphthalene	820 J	6500 J	35 J
2-Nitroaniline	200 U	1000 U	4 U
2-Chloronaphthalene	180 U	890 U	4 U
4-Chloro-3-methylphenol	310 U	1600 U	6 U
2 6-Dinitrotoluene	130 U	670 U	3 U
2-Nitrophenol	270 U	1300 U	5 U
3-Nitroaniline	160 U	780 U	3 U
Dimethyl phthalate	130 U	670 U	3 U
2 4-Dinitrophenol	400 U	2000 U	8 U
Acenaphthylene	160 U	780 U	3 U
2 4-Dinitrotoluene	220 U	1100 U	4 U
Acenaphthene	260 J	2900 J	21 J
Dibenzofuran	180 U	2000 J	9 J
4-Nitrophenol	180 U	890 U	4 U
Fluorene	160 U	2000 J	11 J
4-Nitroaniline	180 U	890 U	4 U
4-Bromophenyl phenyl ether	160 U	780 U	3 U
Hexachlorobenzene	160 U	780 U	3 U
Diethyl phthalate	180 U	890 U	4 U
4-Chlorophenyl phenyl ether	200 U	1000 U	4 U

TABLE 4
SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

Dilution	200	500	4
Method Blank	MB-47276	MB-47276	MB-47276
Client ID	GP-5	GP-6	GP-7
Lab Sample ID	209249-014	209249-015	209249-016
Date Sampled	4/11/2005	4/11/2005	4/11/2005
Units	ug/L	ug/L	ug/L
Pentachlorophenol	360 U	1800 U	7 U
n-Nitrosodiphenylamine	130 U	670 U	3 U
4 6-Dinitro-2-methylphenol	380 U	1900 U	8 U
Phenanthrene	160 J	4600 J	22 J
Anthracene	180 U	960 J	4 J
Carbazole	67 U	330 U	4 J
Di-n-butyl phthalate	180 U	890 U	4 U
Fluoranthene	130 U	1300 J	4 J
Pyrene	89 U	1100 J	3 JM
Butyl benzyl phthalate	130 U	670 U	3 U
Benzo(a)anthracene	89 U	440 U	2 U
Chrysene	110 U	560 U	2 U
3 3-Dichlorobenzidine	160 U	780 U	3 U
Bis(2-ethylhexyl)phthalate	560 U	2800 U	11 U
Di-n-octyl phthalate	160 U	780 U	3 U
Benzo(b)fluoranthene	220 U	1100 U	4 U
Benzo(k)fluoranthene	360 U	1800 U	7 U
Benzo(a)pyrene	110 U	560 U	2 U
Indeno(1 2 3-cd)pyrene	160 U	780 U	3 U
Dibenzo(a h)anthracene	180 U	890 U	4 U
Benzo(ghi)perylene	130 U	670 U	3 U

Key:	
U:	Undetected.
J:	Result is an estimated value below the reporting limit.
M:	Manually integrated compound.

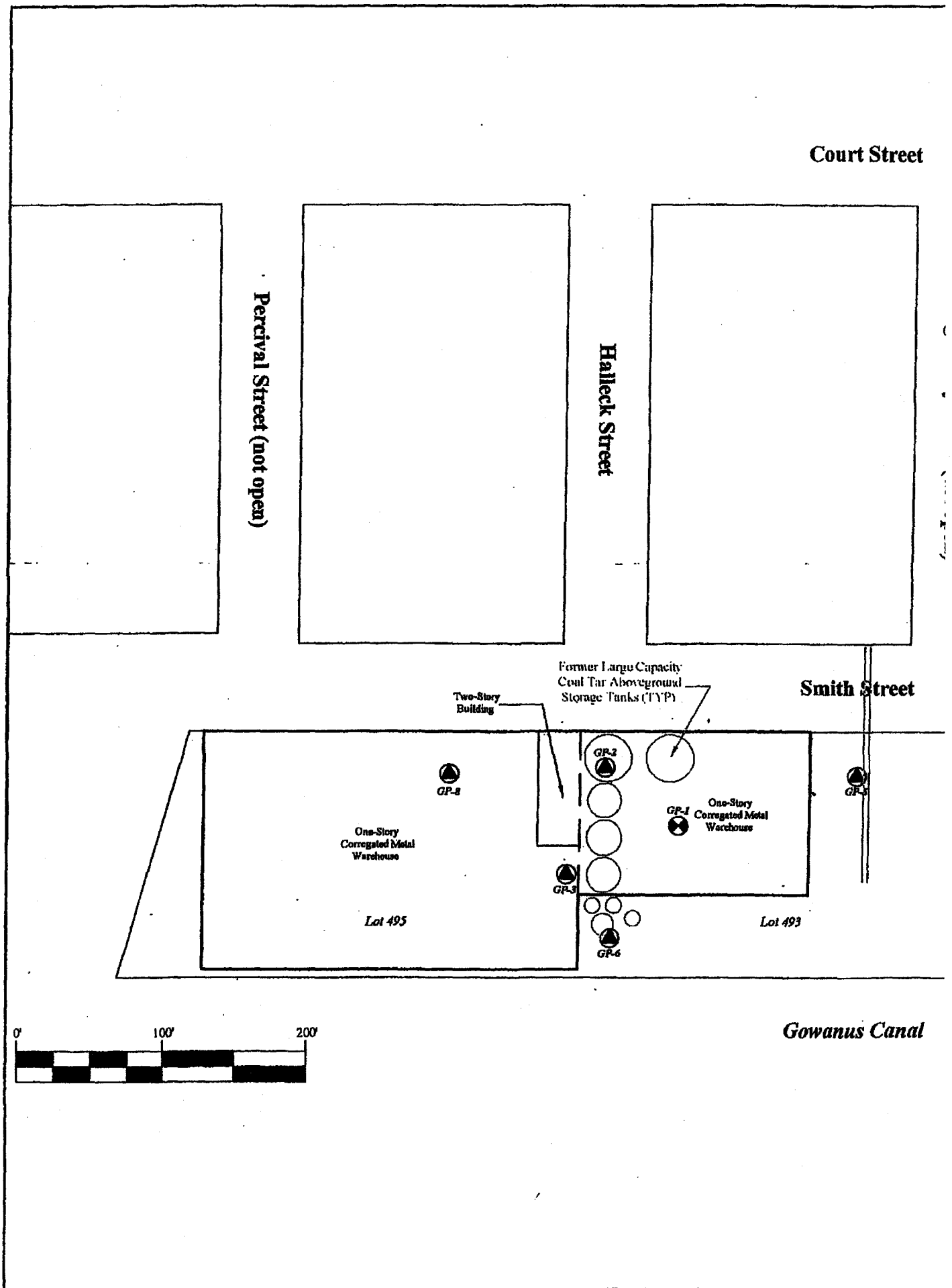
Red Hook Site
FIGURE 1: SITE LOCATION MAP



SUBJECT PROPERTY

Fleming Lee Shue

SITE: Red Hook Site
Brooklyn, N.Y.


Court Street
Percival Street (not open)
Halleck Street
Smith Street
Former Large Capacity Coal Tar Aboveground Storage Tanks (TYP)
Two-Story Building
GP-2
GP-8
GP-1
GP-5
One-Story Corrugated Metal Warehouse
One-Story Corrugated Metal Warehouse
GP-3
Lot 495
Lot 493
GP-6
0'
100'
200'
Gowanus Canal

FIGURES

APPENDIX A

Ground-Penetrating Radar Report

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 345
Commack, New York 11725
T (631) 462-5866 • F (631) 462-5877

NYC Office
100 Broadway
Brooklyn, New York 11211
T (718) 387-1755 • F (718) 387-1715

www.hydrotechenvironmental.com

April 20, 2005

Mr. Mohamed Ahmed
Fleming Lee Shue
226 West 26th Street 9th Floor
New York, New York 10001

Re: GPR Survey – 611 Smith Street, Brooklyn, New York

Dear Mr. Ahmed:

As per your request, Hydro Tech Environmental, Corp. (HTE) has performed Ground-Penetrating Radar (GPR) survey at the above referenced property. The purpose of the survey was to identify any subsurface anomalies, such as underground storage tanks (USTs) or piping associated with USTs. The survey was performed at in select locations of the Site.

SITE DETAILS

The Site is approximately 44,000 square feet in area and consists of a 6,000 square foot 1-story building and surrounding area. The building is utilized to store tires. The ground covering at the Subject Property consists of unpaved surfaces.

DESCRIPTION OF FIELDWORK

The GPR survey was performed on April 8, 2005 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The survey was performed in areas designated by the client and included the interior portions of the Site and the west central portion of the Site. The survey was performed in a linear pattern determined immediately prior to each survey. Due to the limited amount of space the survey could not be performed over a grid pattern. The weather during the survey was sunny approximately 40 degrees Fahrenheit.

The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the target size the GPR was set to run 50 scans per foot. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed at the Control Unit, which are then interpreted by the GPR operator at the time of the survey.

GPR SURVEY RESULTS

No anomalies indicative of current or former USTs were identified at the Site. No anomalies indicative of piping or UST were identified. Line scans from the survey are provided in *Attachment A*.

DISCLAIMER

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. HTE does not accept responsibility for survey limitations due to inherent technological limitations or site specific conditions, however, HTE made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey, and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

Very Truly Yours,
Hydro Tech Environmental, Corp.

Rachel Ataman
Senior Geologist

Encs.

cc: HTE File 050128 w/Enc.

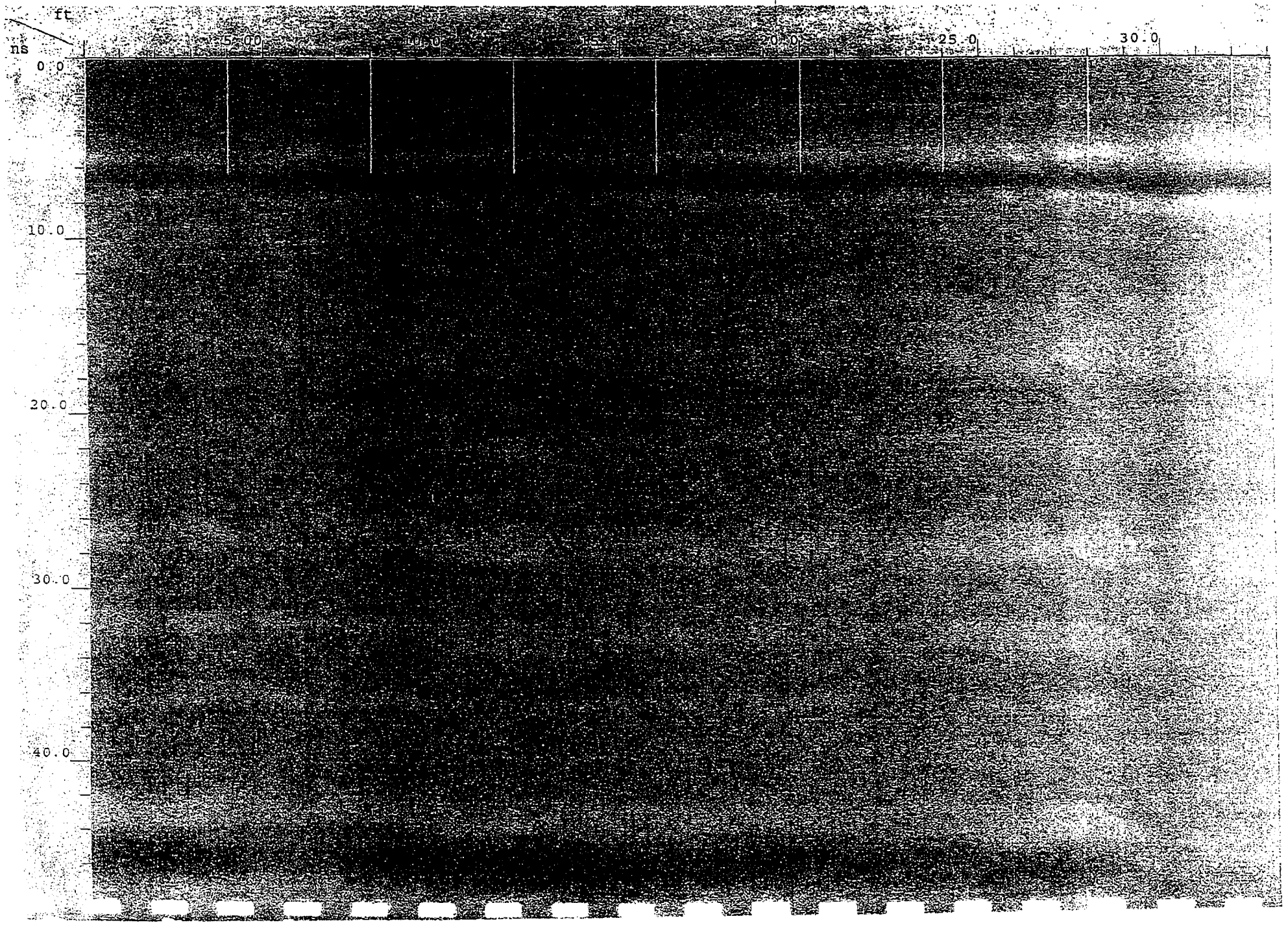
ATTACHMENT #1

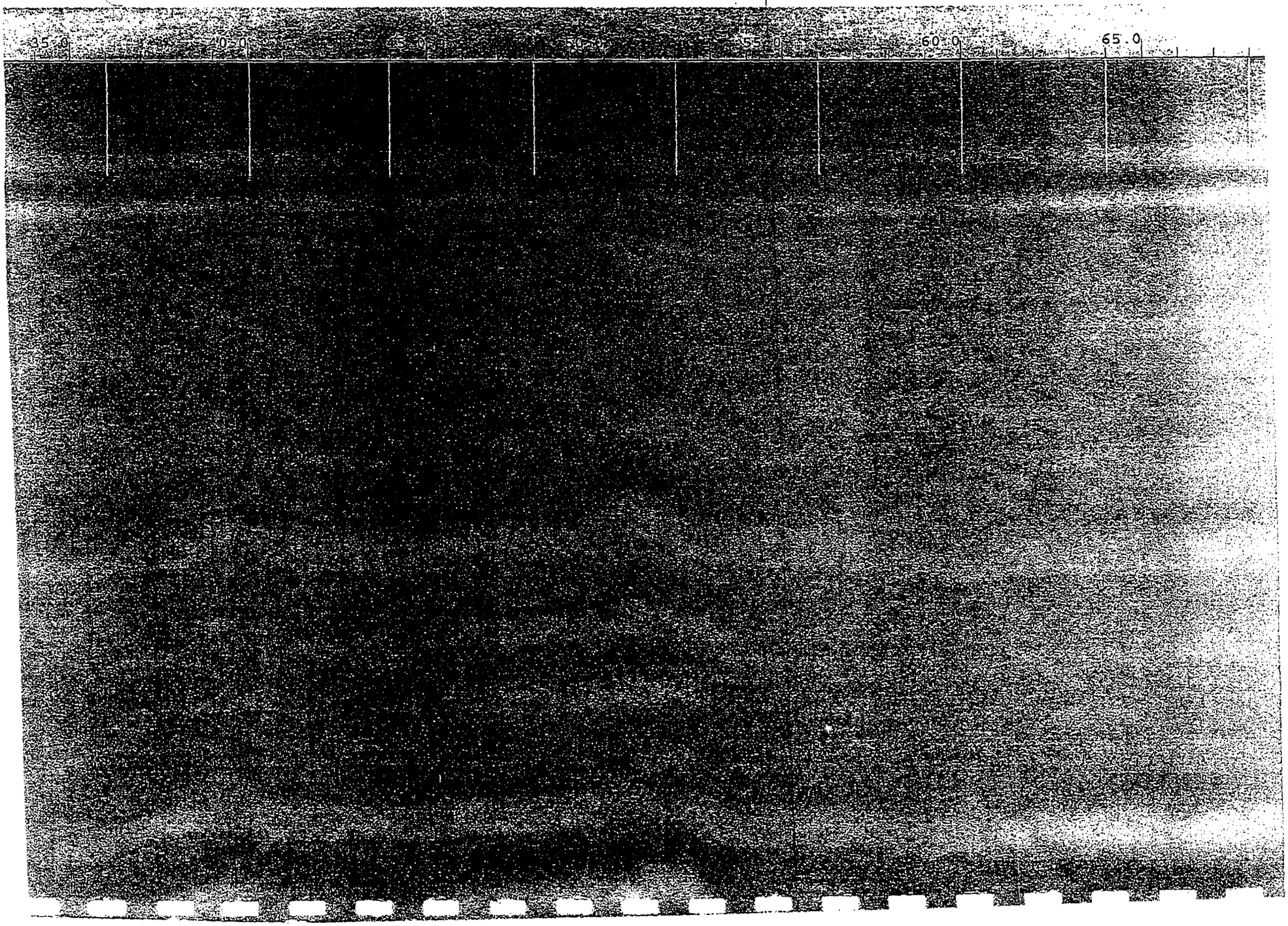
LINE SCANS

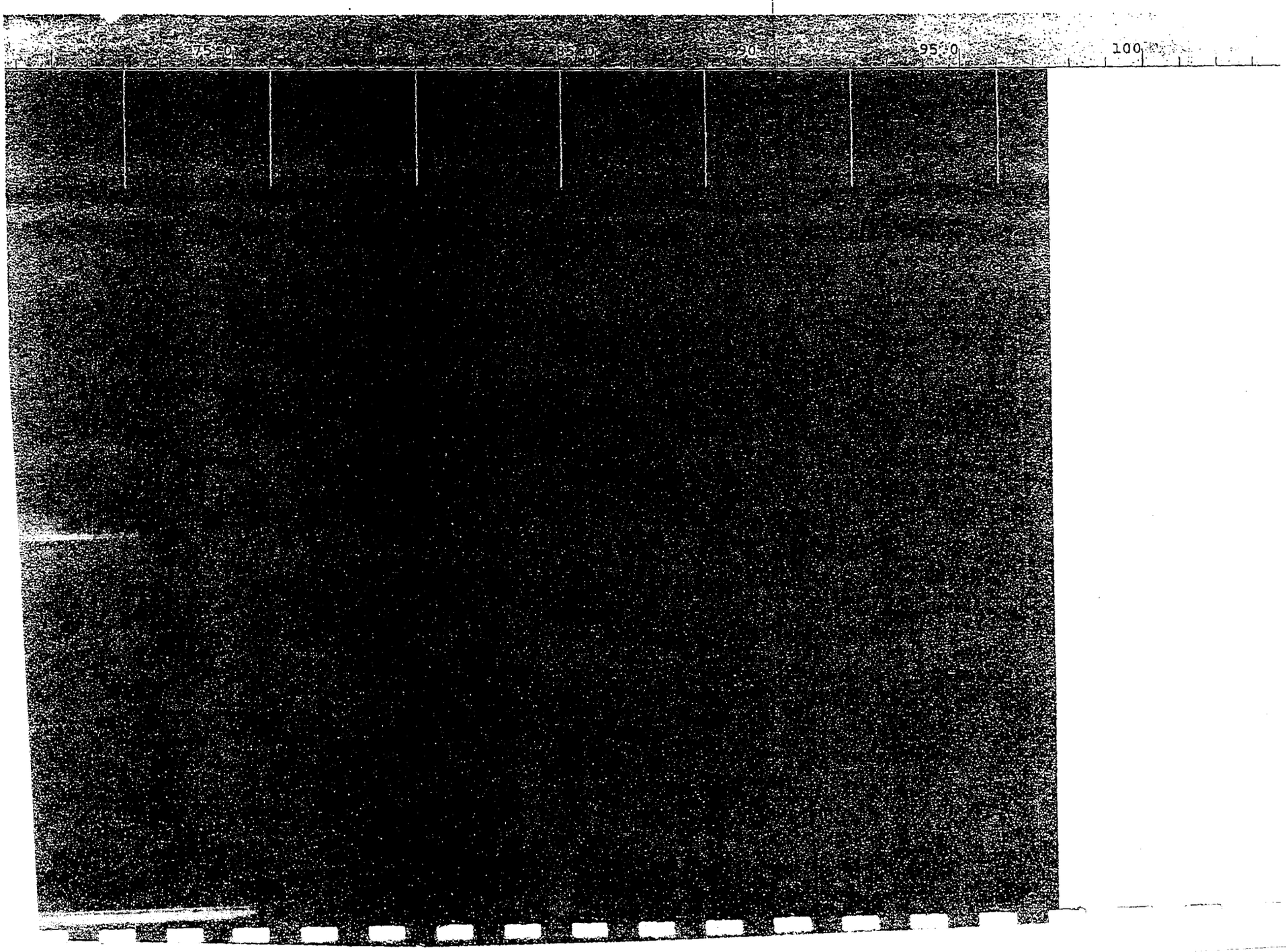
SMITHS1_001.DZT

Created Apr, 08 2005, 05:04:24 Modified Apr, 08 2005, 05:07:32
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Range Gain (dB) -16.0 -16.0 24.0
26.0 45.0
Position Correction 0.225 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3


ft
ns
0.0
5.00
10.0
15.0
20.0
25.0
30.0
10.0
20.0
30.0
40.0

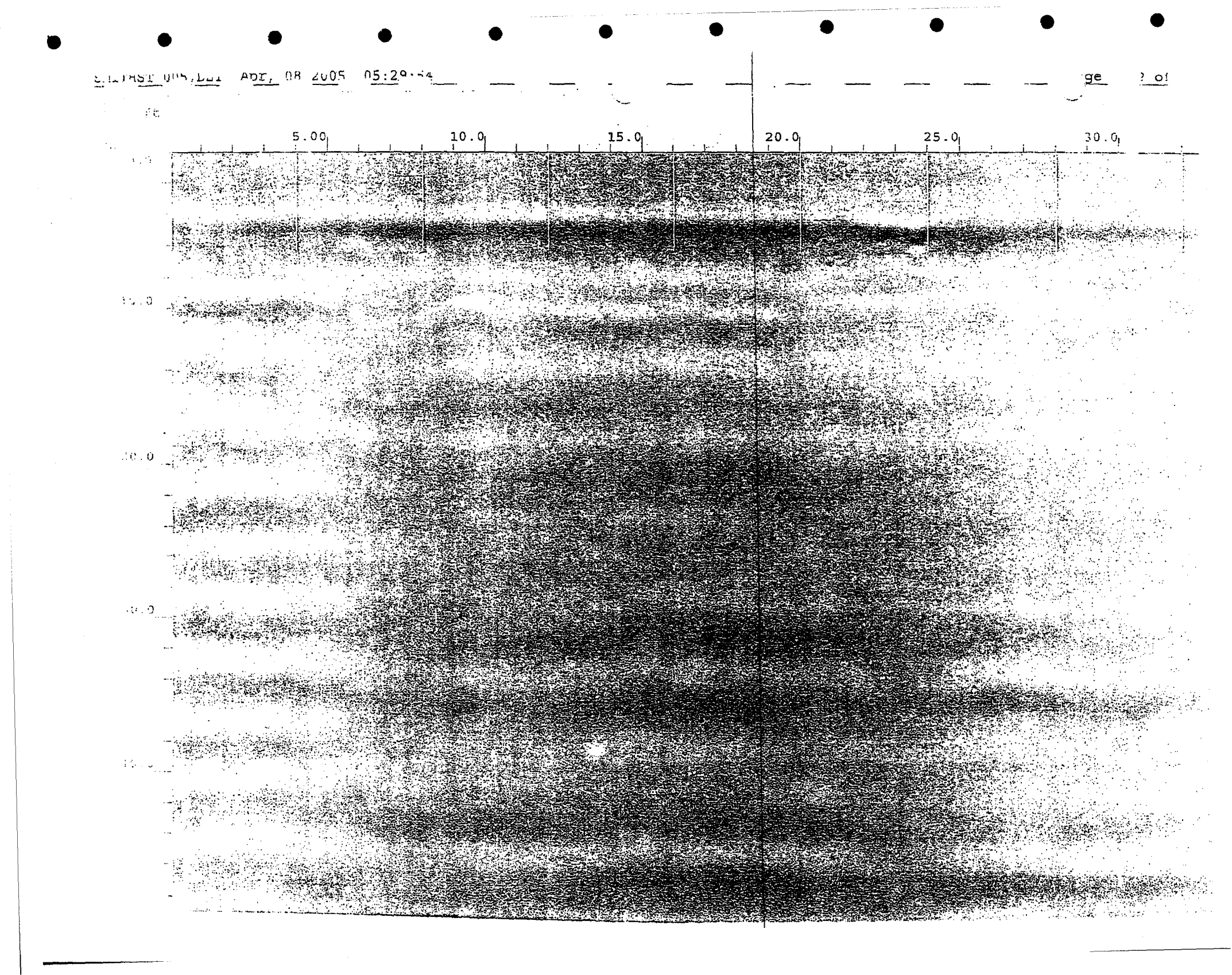

35.0
40.0
45.0
50.0
55.0
60.0
65.0

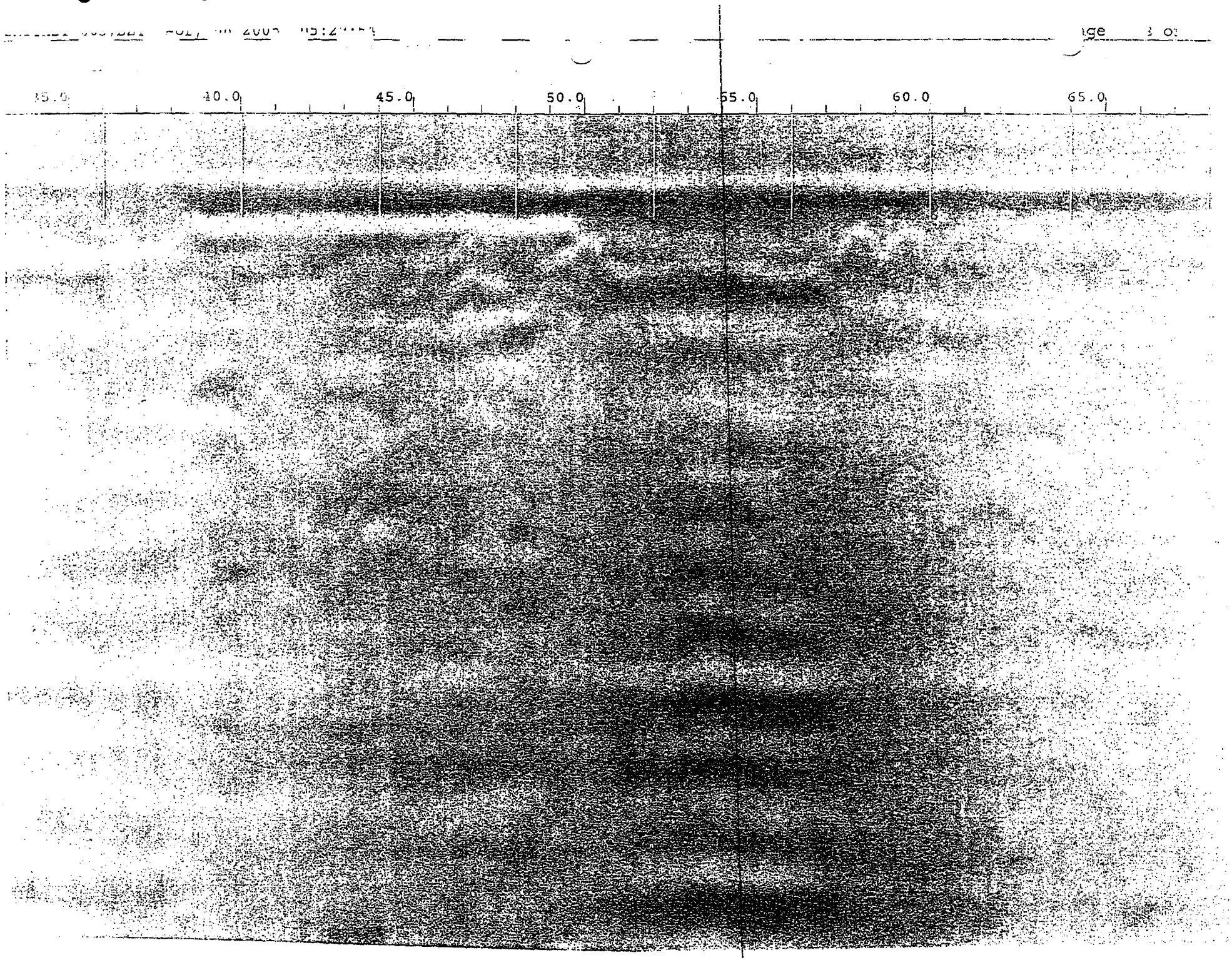

75.0
80.0
85.0
90.0
95.0
100

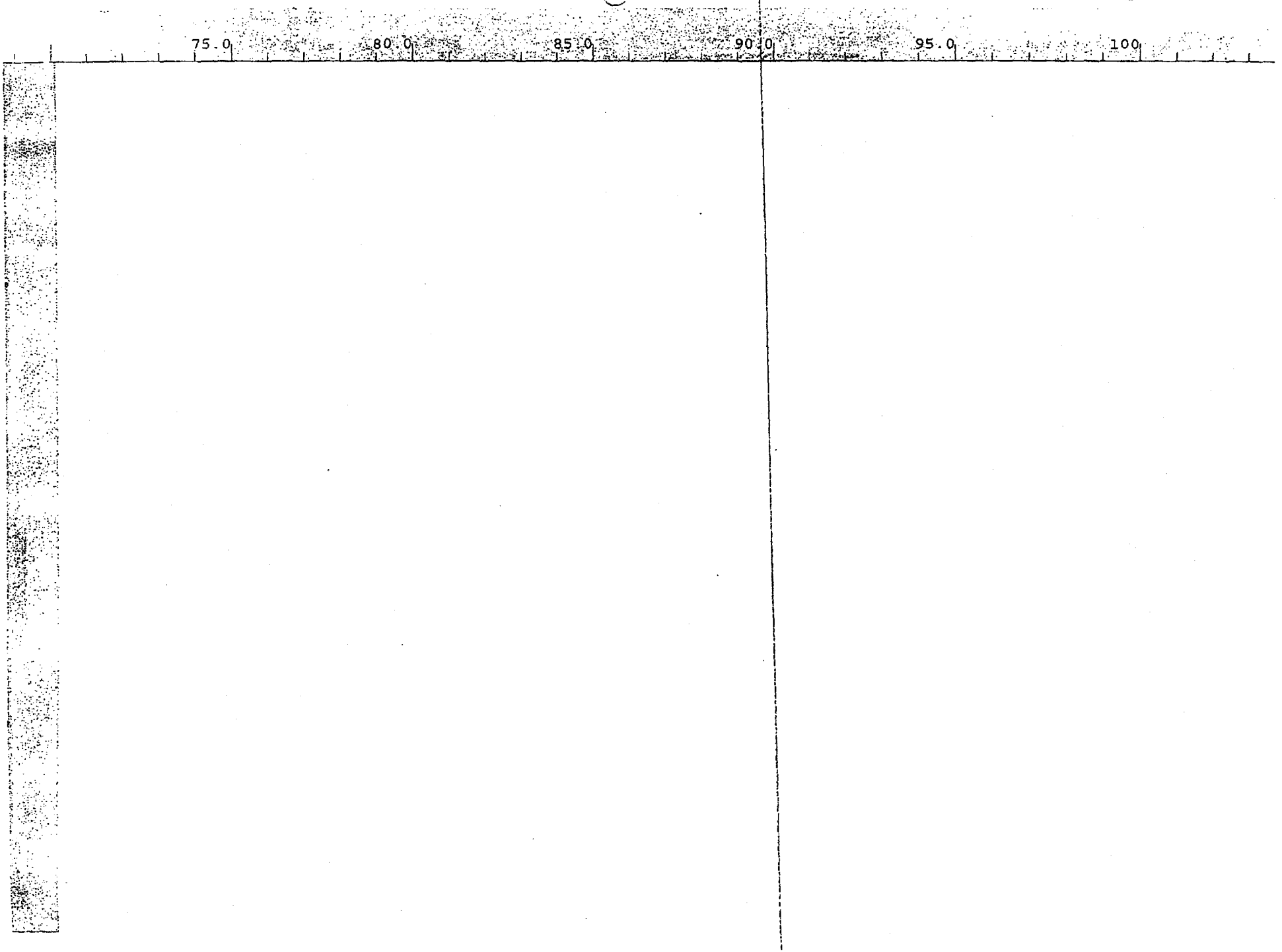
SM. S1_013.DZT

Created Apr, 08 2005, 05:39:36 Modified Apr, 08 2005, 05:40:28
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 30.0
30.0 39.0


5.00
10.0
15.0
20.0
25.0
30.0

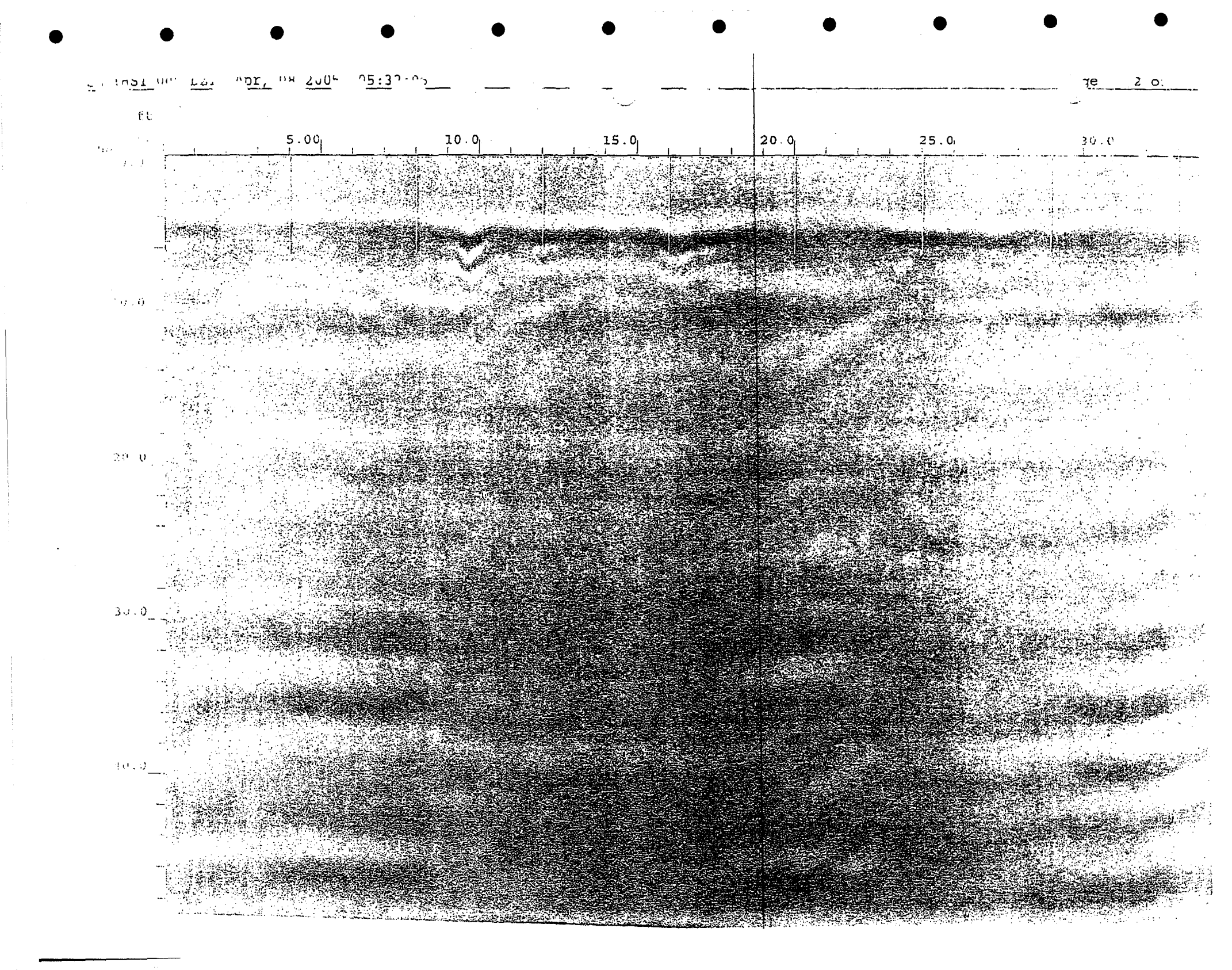

40.0
45.0
50.0
55.0
60.0
65.0

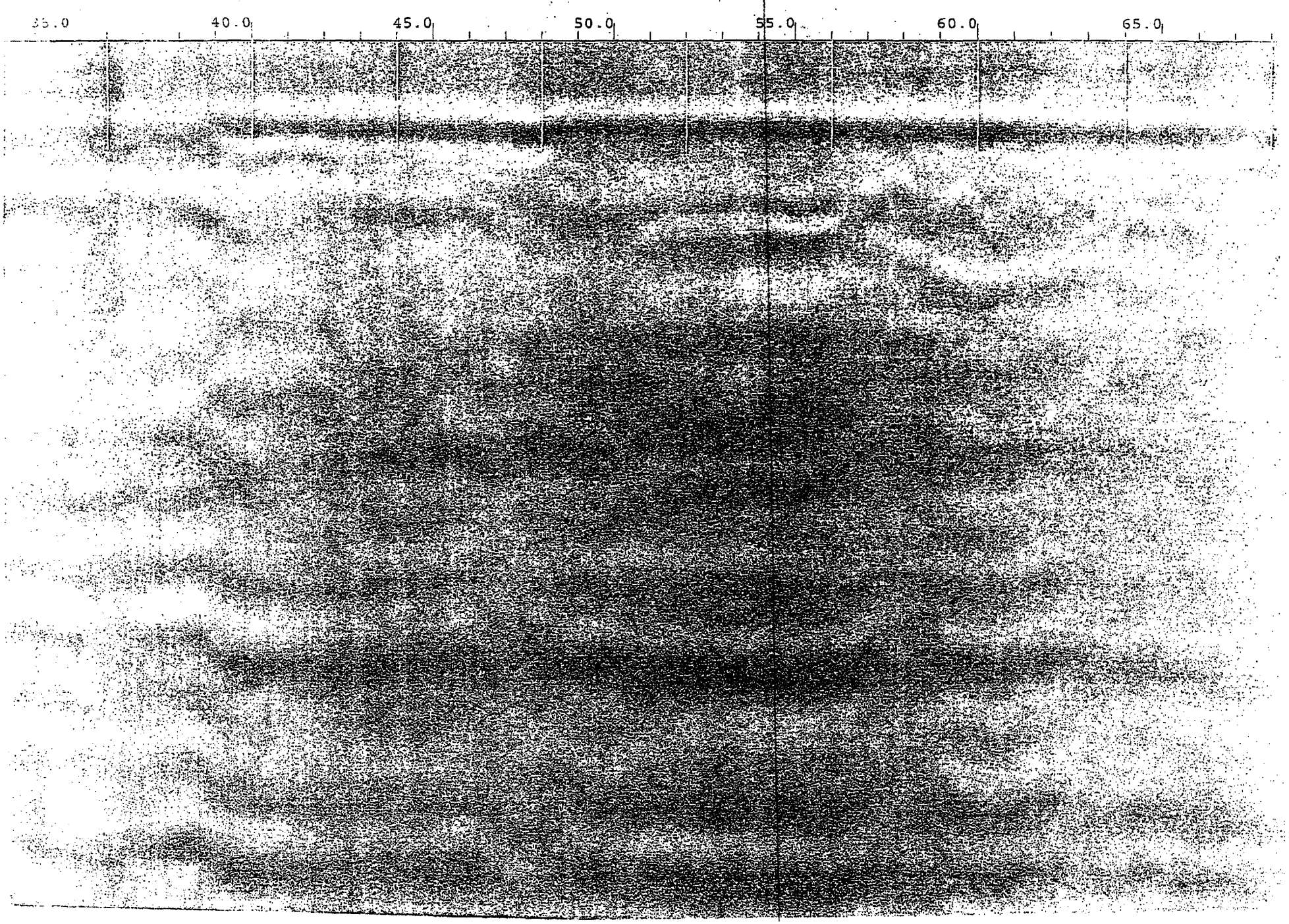

75.0
80.0
85.0
90.0
95.0
100

SMI[illegible]T_006.DZT

Created Apr, 08 2005, 05:29:58 Modified Apr, 08 2005, 05:32:06
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 1.725 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -19.0 -1.0 26.0
33.0 42.0

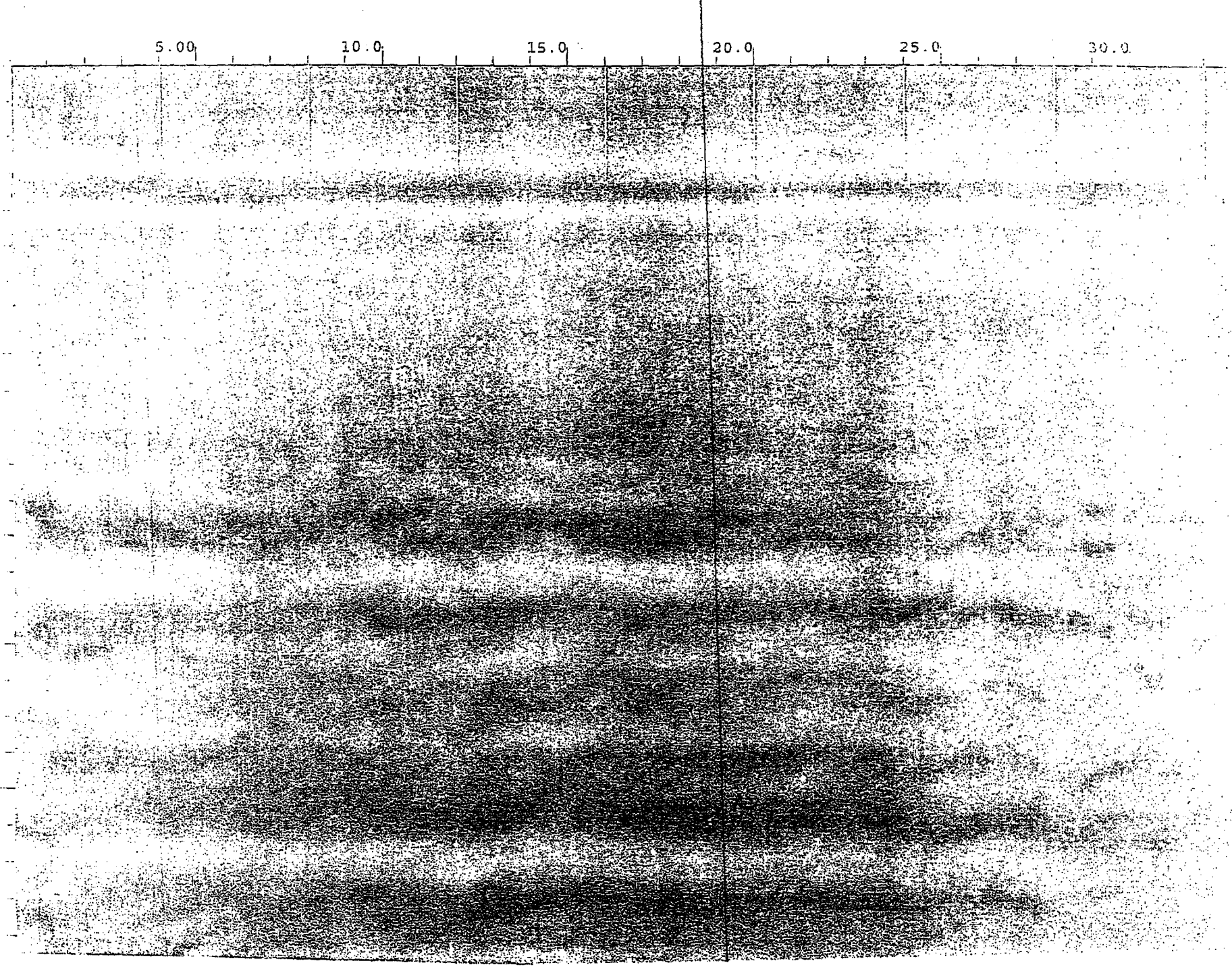

5.00
10.0
15.0
20.0
25.0
30.0

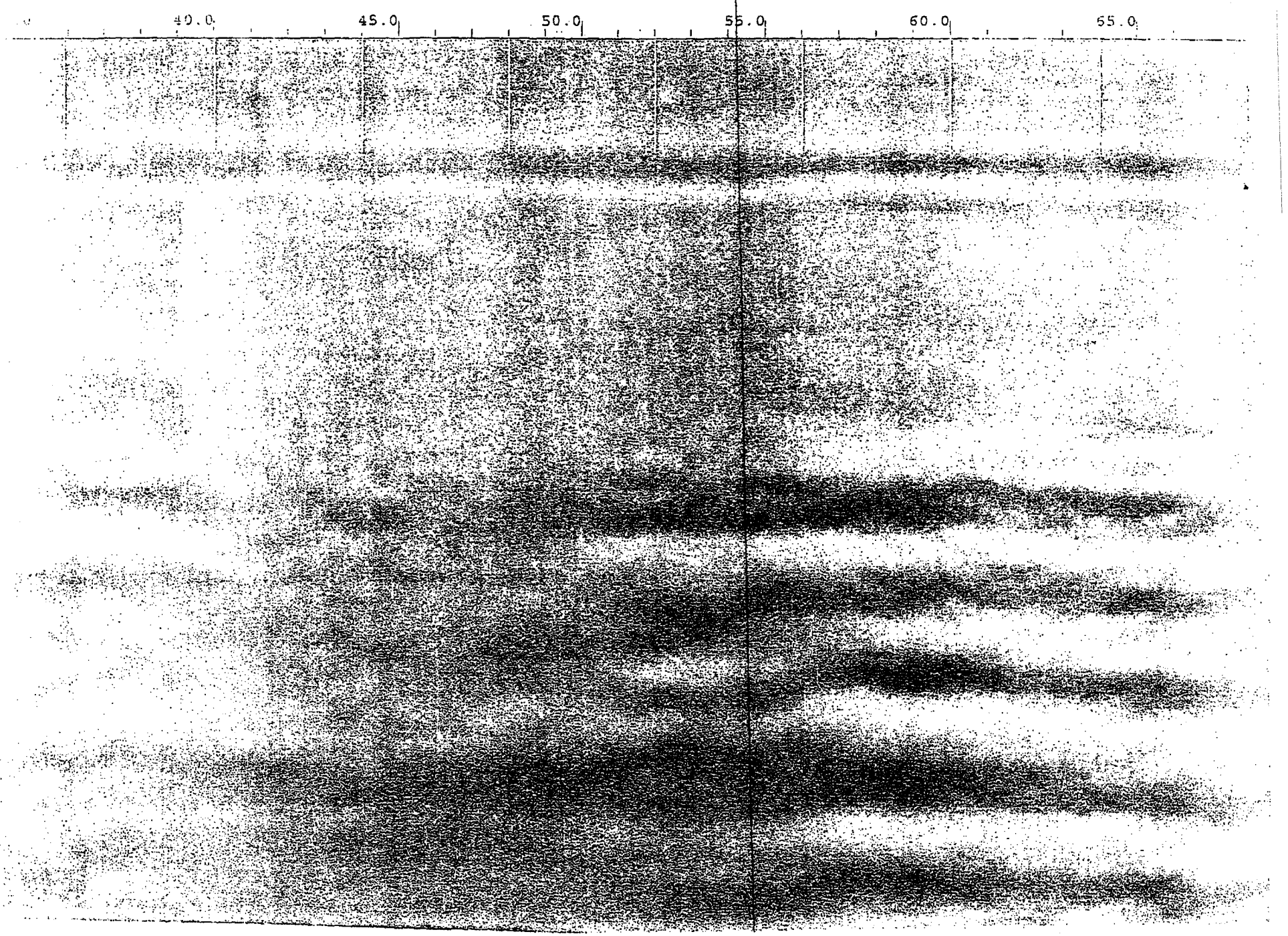

35.0
40.0
45.0
50.0
55.0
60.0
65.0

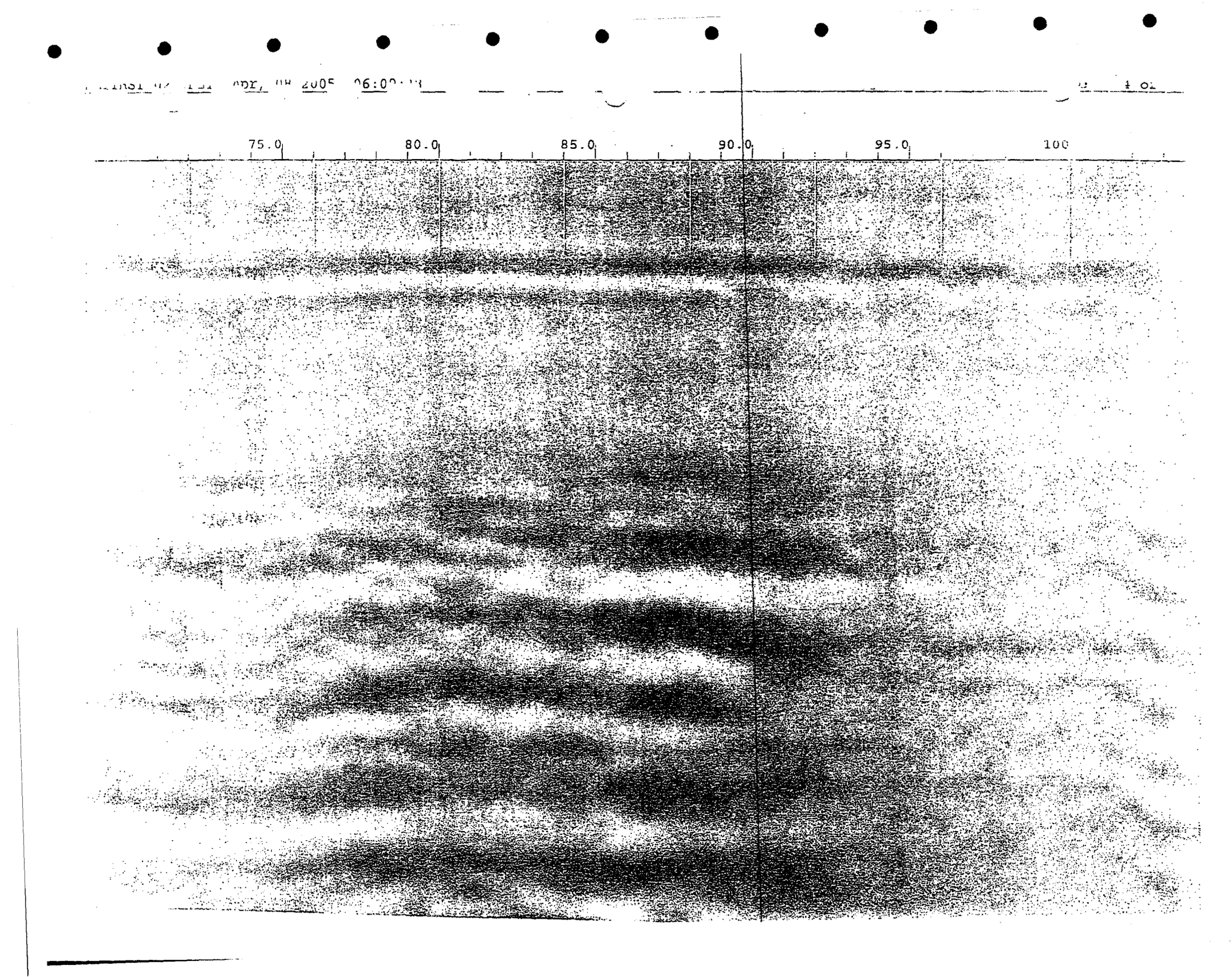
SMI_T_021.DZT

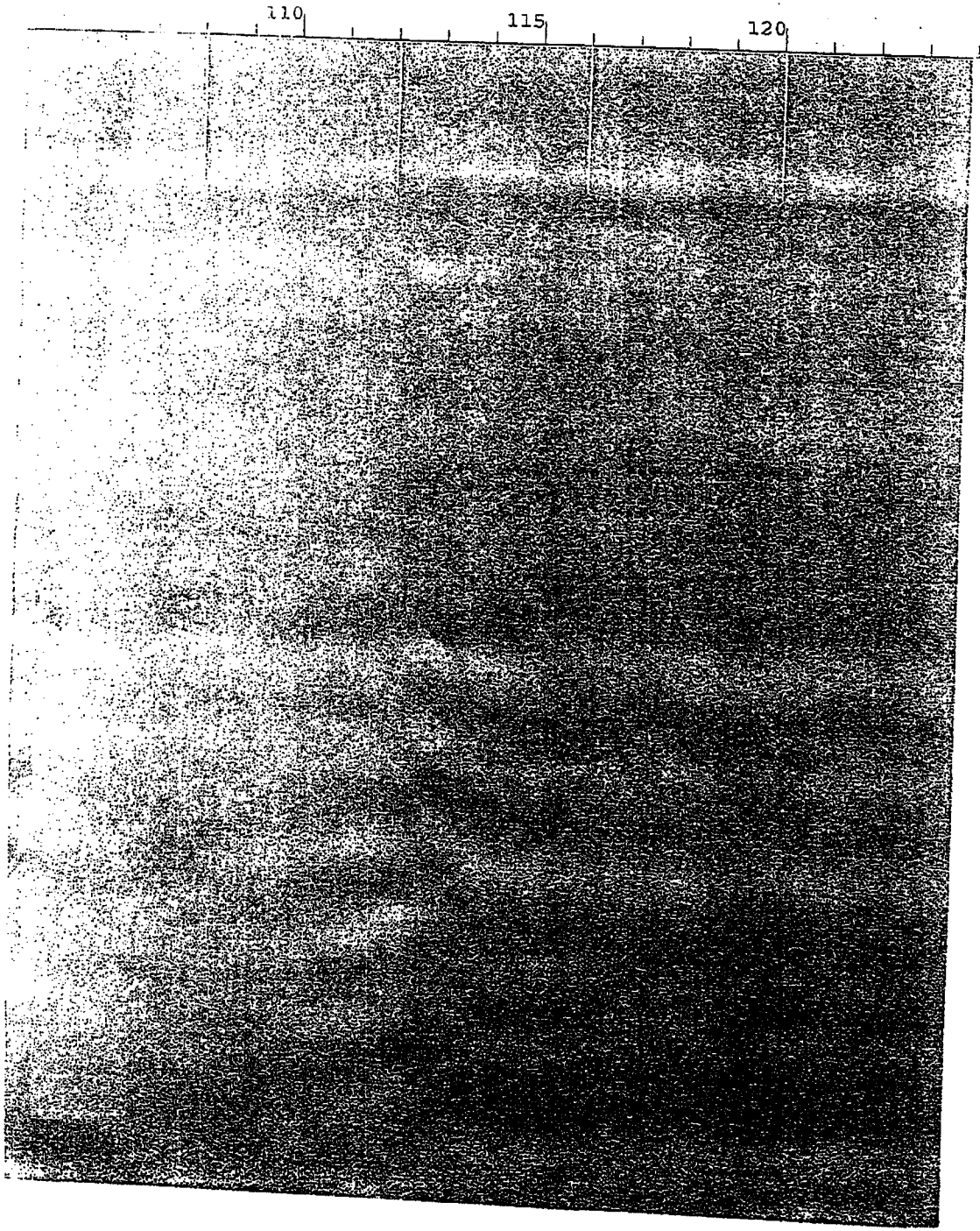
Created Apr, 08 2005, 06:03:18 Modified Apr, 08 2005, 06:09:38
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -19.0 -19.0 29.0
34.0 36.0


5.00
10.0
15.0
20.0
25.0
30.0
30.0
40.0


40.0
45.0
50.0
55.0
60.0
65.0

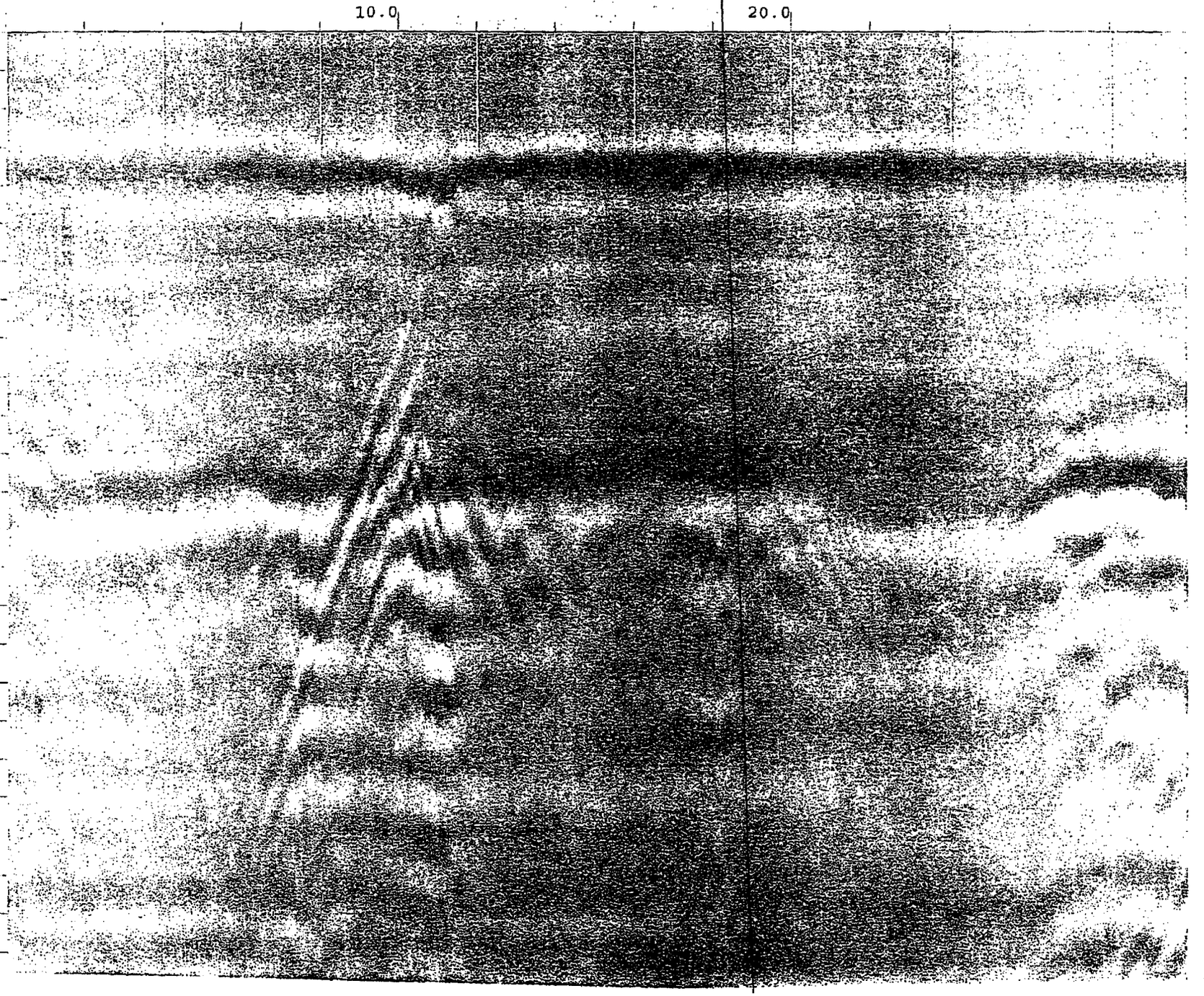

75.0
80.0
85.0
90.0
95.0
100


110
115
120
125
130
135

SM1_ST_024.DZT

Created Apr, 08 2005, 06:33:52 Modified Apr, 08 2005, 06:48:58
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

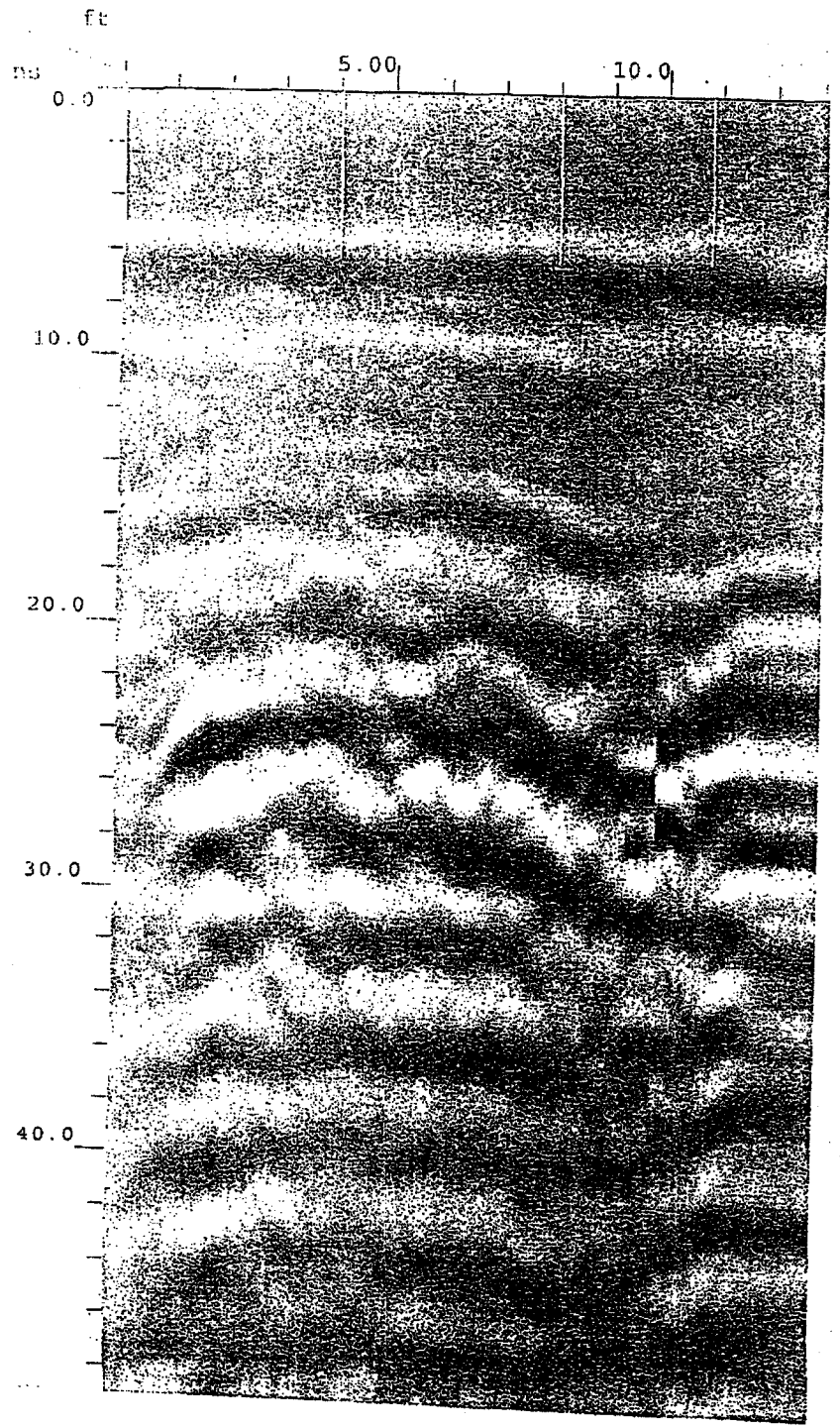
CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 31.0
33.0 42.0

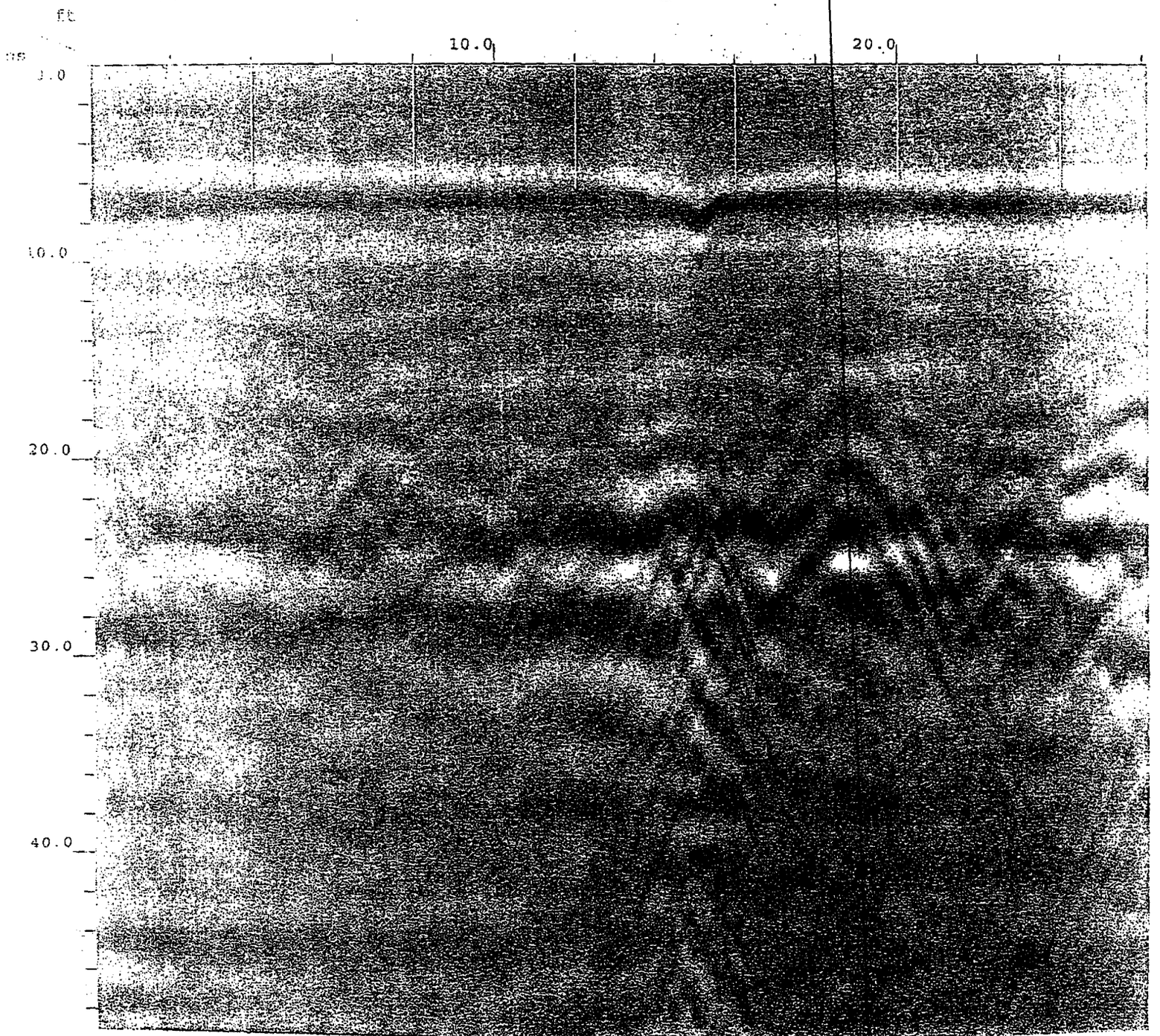

10.0
20.0
10.0
20.0
30.0
40.0

SM ST_023.DZT

Created Apr, 08 2005, 06:19:08 Modified Apr, 08 2005, 06:33:50
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 31.0
33.0 42.0

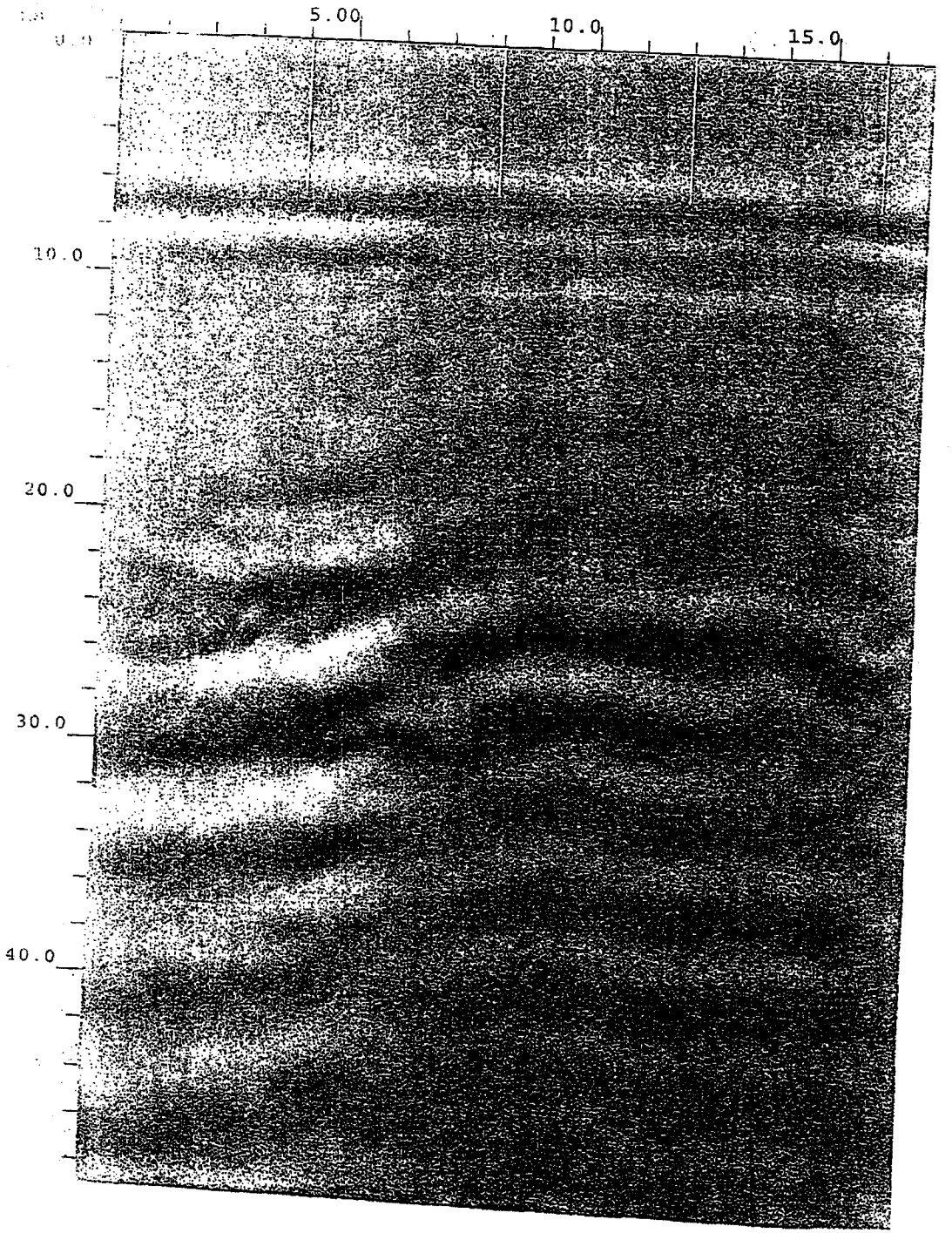

ft
ns
5.00
10.0
0.0
10.0
20.0
30.0
40.0


ft
10.0
20.0
1.0
10.0
20.0
30.0
40.0

SM_ST_019.DZT

Created Apr, 08 2005, 05:58:02 Modified Apr, 08 2005, 06:00:18
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

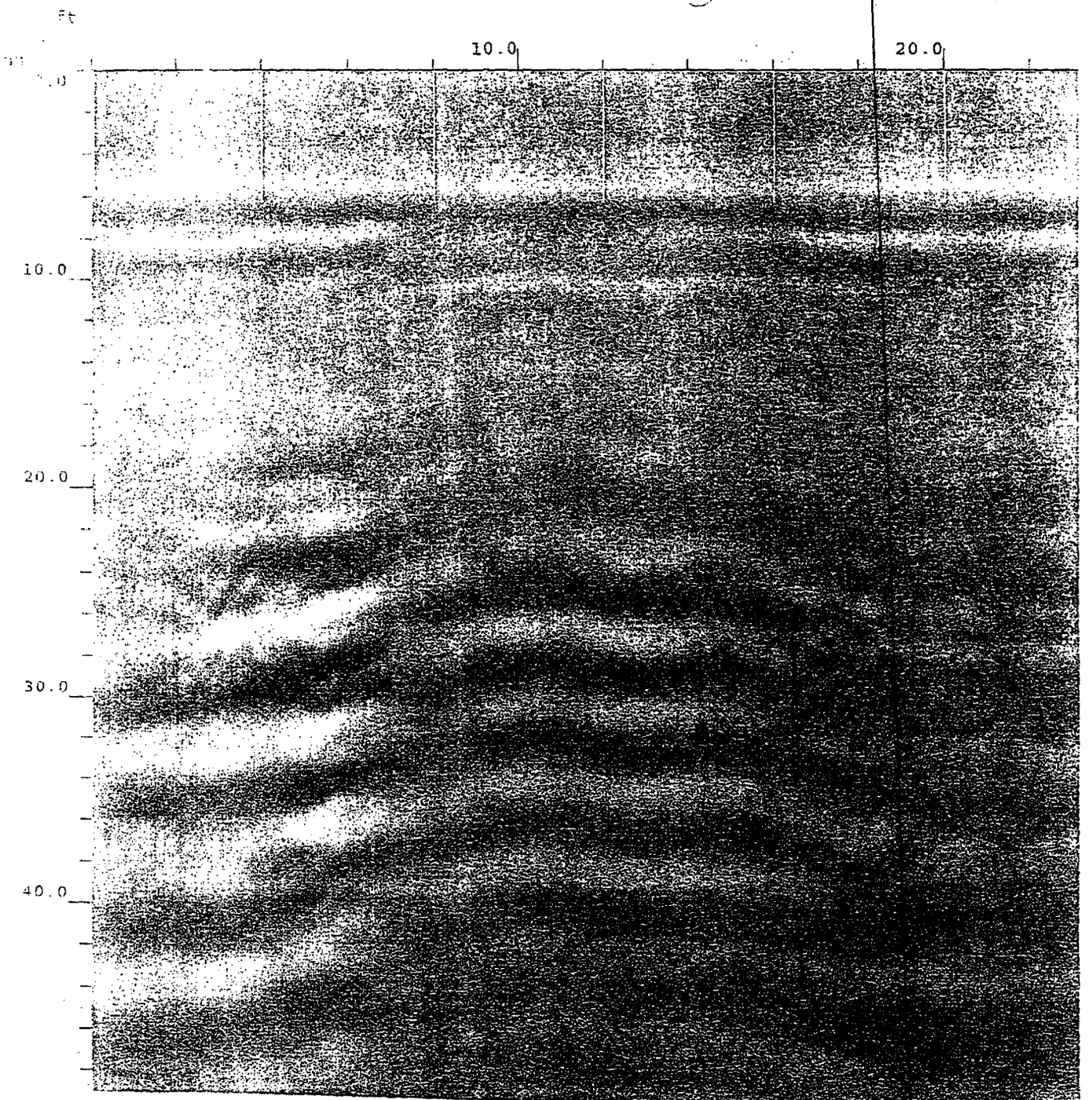
CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -19.0 -19.0 26.0
26.0 31.0


Ft
5.00
10.0
15.0
10.0
20.0
30.0
40.0

SM_ST_018.DZT

Created Apr, 08 2005, 05:54:22 Modified Apr, 08 2005, 05:57:16
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

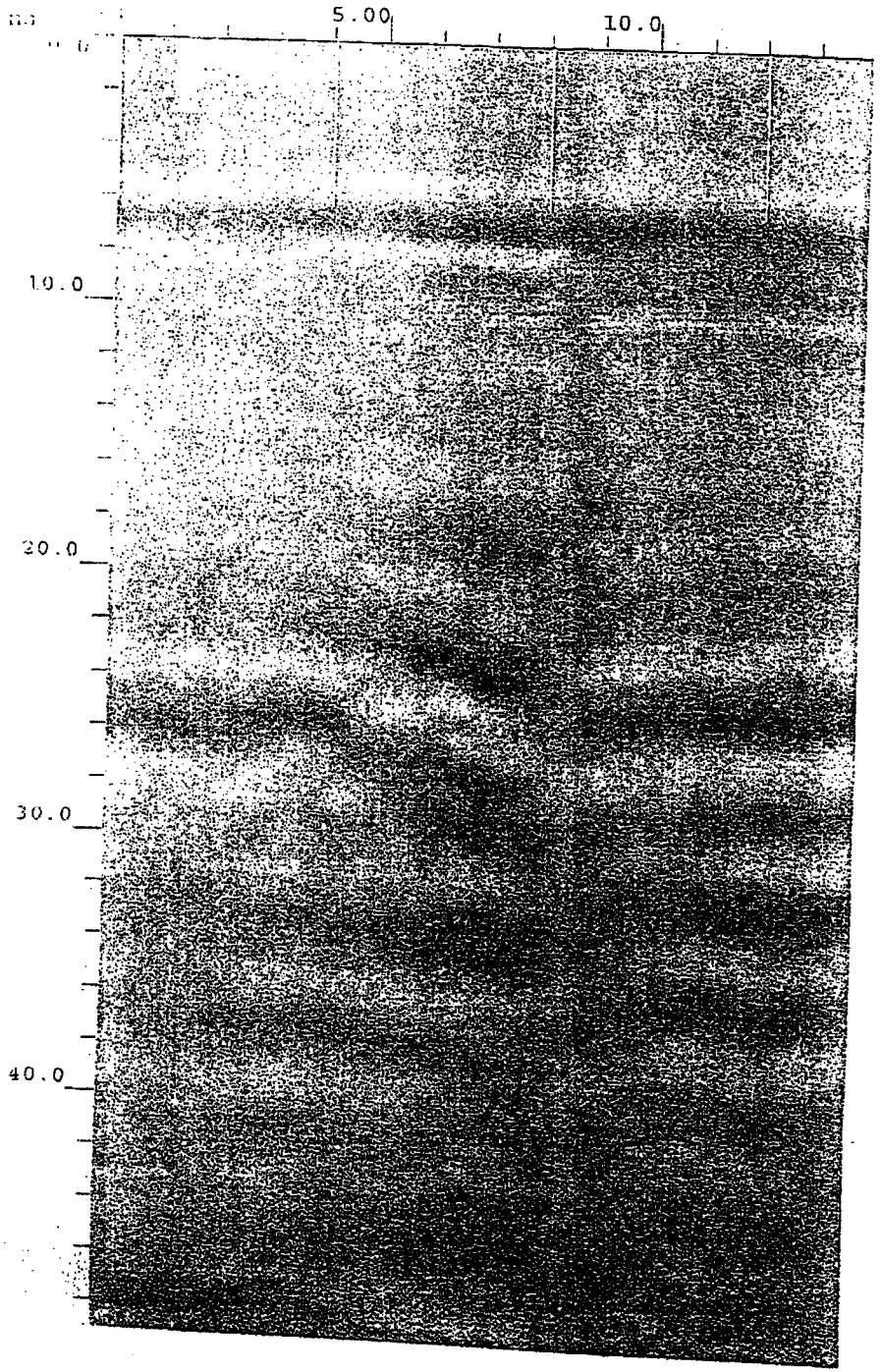
CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -19.0 -19.0 26.0
31.0 32.0


ft
10.0
20.0
10.0
20.0
30.0
40.0

SM_ _3T_020.DZT

Created Apr, 08 2005, 06:00:24 Modified Apr, 08 2005, 06:02:50
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -19.0 -19.0 26.0
26.0 31.0


5.00
10.0
10.0
20.0
30.0
40.0

SM[illegible]3T_007.DZT

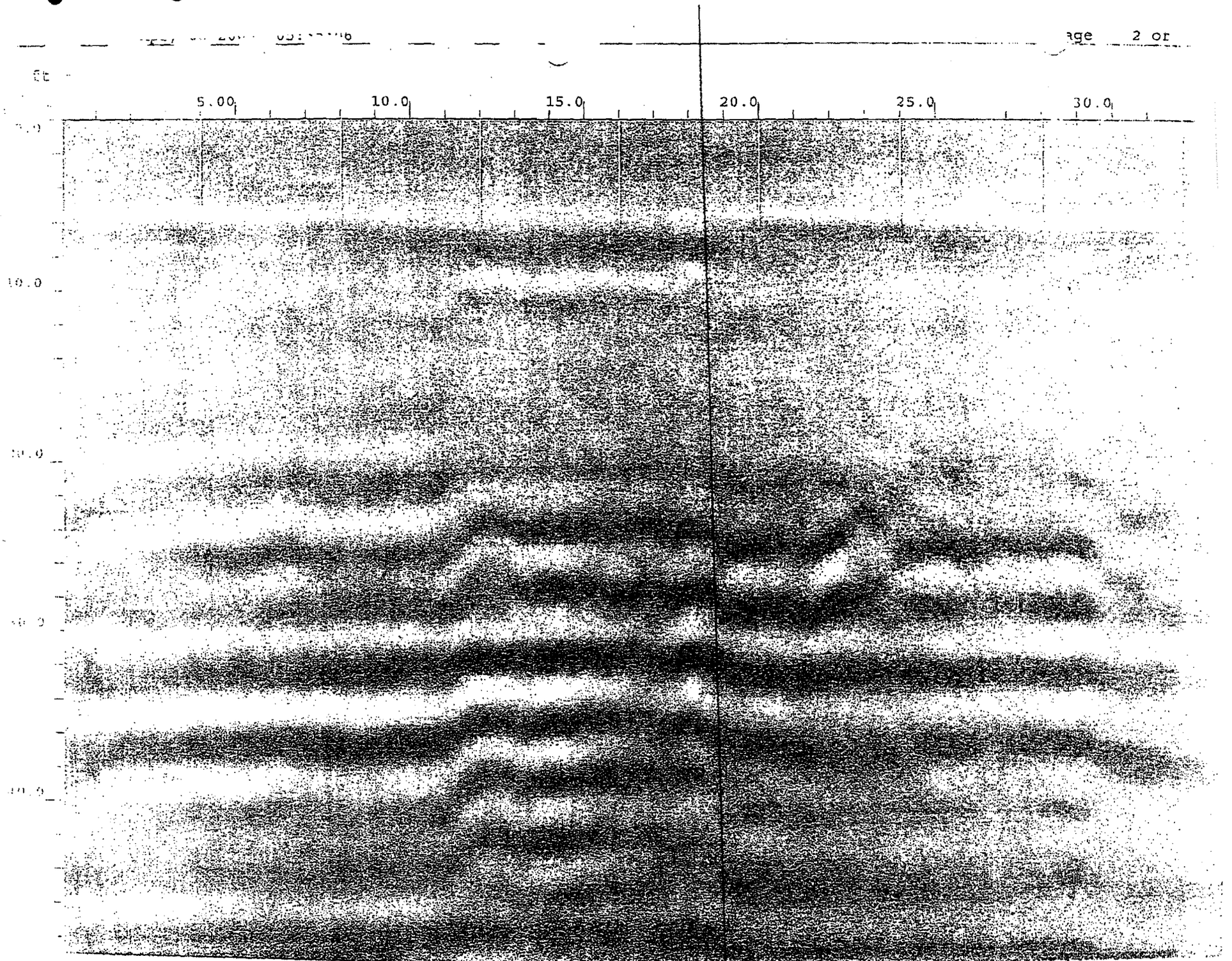
Created Apr, 08 2005, 05:33:38 Modified Apr, 08 2005, 05:35:06
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

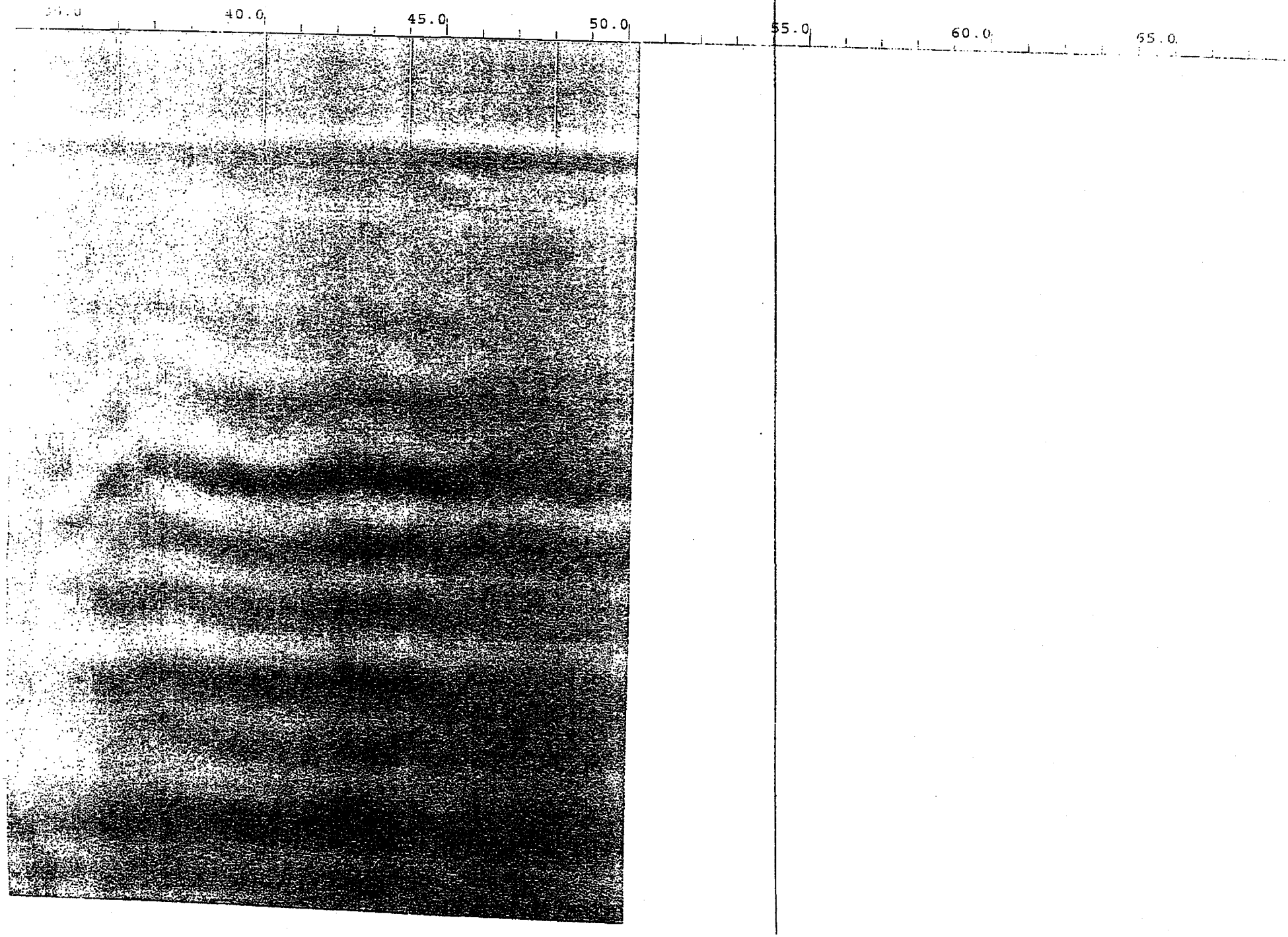
CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 35.0
37.0 38.0

SM1_ST_022.DZT

Created Apr, 08 2005, 06:09:58 Modified Apr, 08 2005, 06:17:08
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 31.0
33.0 42.0

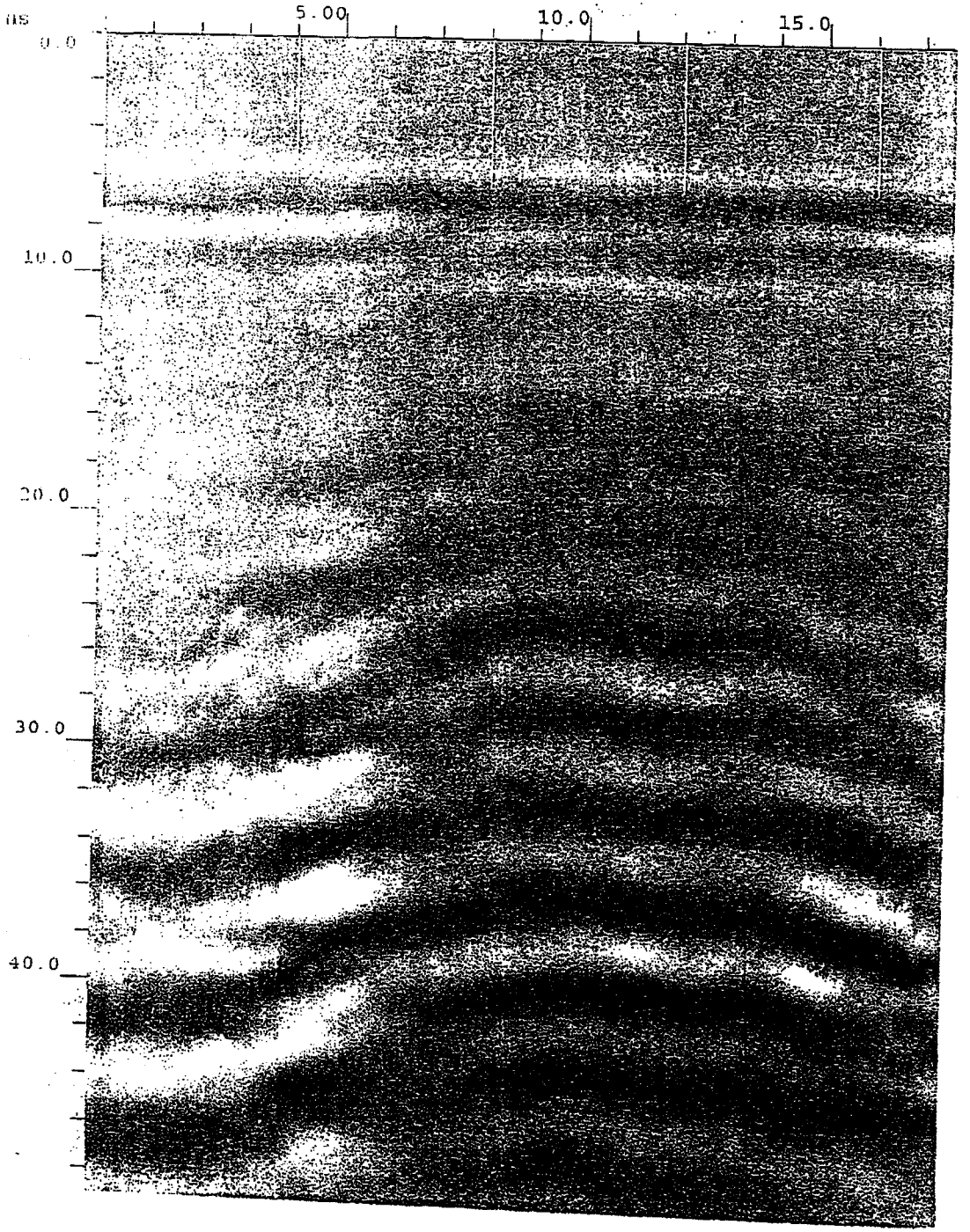

ft
5.00
10.0
15.0
20.0
25.0
30.0
10.0


40.0
45.0
50.0
55.0
60.0
65.0

SM1_5T_017.DZT

Created Apr, 08 2005, 05:52:58 Modified Apr, 08 2005, 05:54:00
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

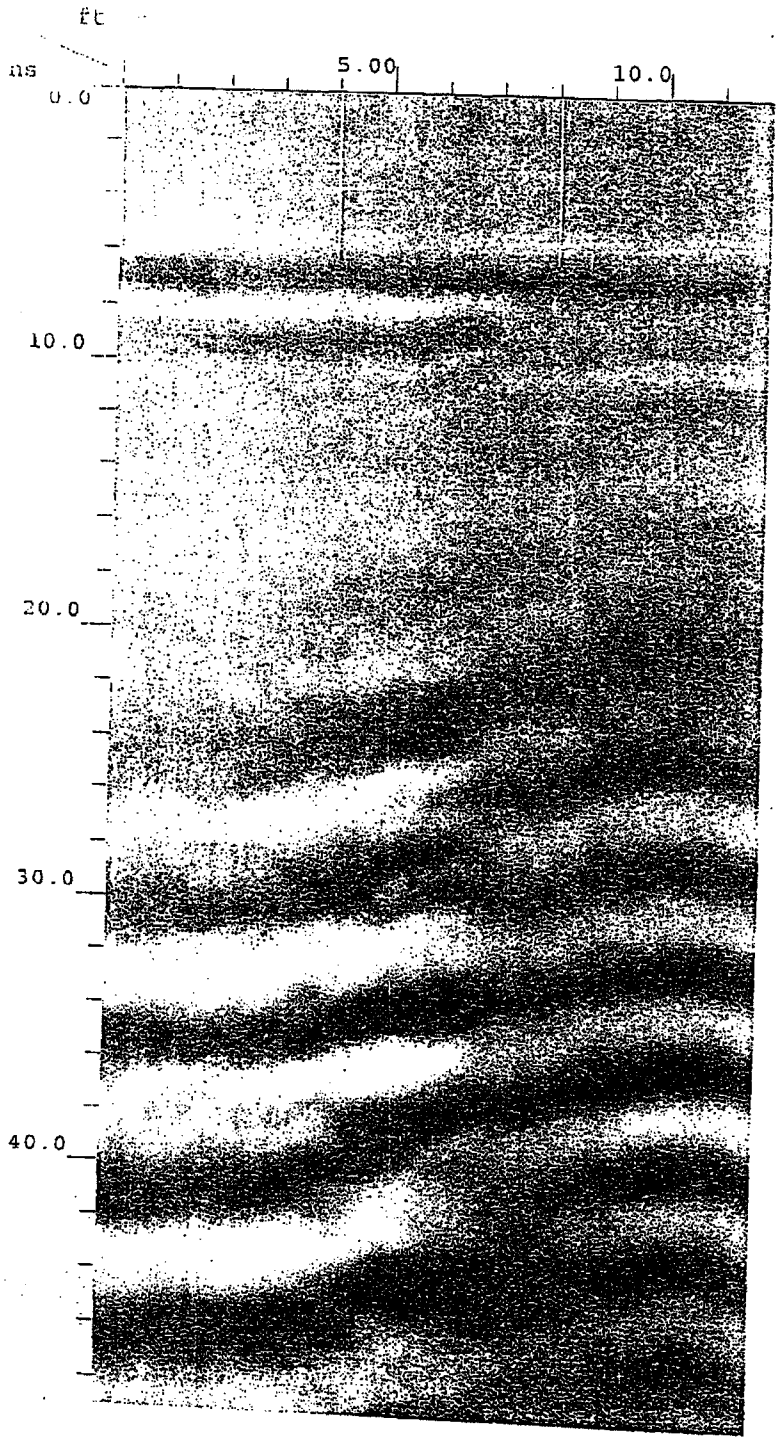
CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -17.0 -17.0 24.0
39.0 39.0


ns
5.00
10.0
15.0
0.0
10.0
20.0
30.0
40.0

SM_ST_016.DZT

Created Apr, 08 2005, 05:50:48 Modified Apr, 08 2005, 05:52:56
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -17.0 -17.0 24.0
39.0 39.0


ft
ns
5.00
10.0
0.0
10.0
20.0
30.0
40.0

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		18000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		8600000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		9700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		10000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzyl alcohol, Solid*	ND	U		12000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Methylphenol, Solid*	ND	U		17000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		8900000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		8600000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Hexachloroethane, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Methylphenol, Solid*	ND	U		34000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Chlorophenol, Solid*	ND	U		16000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Nitrobenzene, Solid*	ND	U		7600000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Isophorone, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4-Dimethylphenol, Solid*	ND	U		33000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Hexachlorobutadiene, Solid*	ND	U		13000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Naphthalene, Solid*	400000000			11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4-Dichlorophenol, Solid*	ND	U		21000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Chloroaniline, Solid*	ND	U		20000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		16000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		23000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		47000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Methylnaphthalene, Solid*	19000000		J	10000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Nitroaniline, Solid*	ND	U		8000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Chloronaphthalene, Solid*	ND	U		9300000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		21000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
	2,6-Dinitrotoluene, Solid*	ND	U		12000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2-Nitrophenol, Solid*	ND	U		22000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	3-Nitroaniline, Solid*	ND	U		13000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Dimethyl phthalate, Solid*	ND	U		9700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4-Dinitrophenol, Solid*	ND	U		22000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Acenaphthylene, Solid*	ND	U		7800000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		11000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Acenaphthene, Solid*	13000000	J		10000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Dibenzofuran, Solid*	11000000	J		10000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Nitrophenol, Solid*	ND	U		27000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Fluorene, Solid*	12000000	J		8200000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Nitroaniline, Solid*	ND	U		9100000	130000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		9700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Hexachlorobenzene, Solid*	ND	U		9300000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Diethyl phthalate, Solid*	ND	U		9300000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		8700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Pentachlorophenol, Solid*	ND	U		55000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		9500000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		45000000	300000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Phenanthrene, Solid*	28000000	J		7400000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Anthracene, Solid*	11000000	J		10000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Carbazole, Solid*	ND	U		9300000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Di-n-butyl phthalate, Solid*	ND	U		8400000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Fluoranthene, Solid*	9200000	J		8000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Pyrene, Solid*	ND	U		8700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Butyl benzyl phthalate, Solid*	ND	U		8200000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzo(a)anthracene, Solid*	ND	U		8600000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Chrysene, Solid*	ND	U		8000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		17000000	130000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		8400000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Di-n-octyl phthalate, Solid*	ND	U		6700000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzo(b)fluoranthene, Solid*	ND	U		18000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzo(k)fluoranthene, Solid*	ND	U		7000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzo(a)pyrene, Solid*	ND	U		7800000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		6500000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U		7000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm
	Benzo(ghi)perylene, Solid*	ND	U		7000000	63000000	10000.00	ug/Kg	47452	DL	04/20/05 1139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-3(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-3
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	76.9			0.10	0.10	1	%	47202		04/14/05 1049	skr
	% Moisture, Solid	23.1			0.10	0.10	1	%	47202		04/14/05 1049	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		12000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		5700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		6400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		6700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		7000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzyl alcohol, Solid*	ND	U		7900	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2-Methylphenol, Solid*	ND	U		11000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		5900	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		5700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Hexachloroethane, Solid*	ND	U		7400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Methylphenol, Solid*	ND	U		23000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2-Chlorophenol, Solid*	ND	U		11000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Nitrobenzene, Solid*	ND	U		5000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		7200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		7000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Isophorone, Solid*	ND	U		7600	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4-Dimethylphenol, Solid*	ND	U		22000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Hexachlorobutadiene, Solid*	ND	U		8600	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Naphthalene, Solid*	670000			7200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4-Dichlorophenol, Solid*	ND	U		14000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Chloroaniline, Solid*	ND	U		13000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		11000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		15000	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		31000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-3(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-3
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	160000			6700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2-Nitroaniline, Solid*	ND	U		5300	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2-Chloronaphthalene, Solid*	ND	U		6200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		14000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		7700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2-Nitrophenol, Solid*	ND	U		15000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	3-Nitroaniline, Solid*	ND	U		8700	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Dimethyl phthalate, Solid*	ND	U		6400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4-Dinitrophenol, Solid*	ND	U		14000	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Acenaphthylene, Solid*	6500		J	5200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		7600	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Acenaphthene, Solid*	81000			6900	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Dibenzofuran, Solid*	52000			6700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Nitrophenol, Solid*	ND	U		18000	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Fluorene, Solid*	57000			5400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Nitroaniline, Solid*	ND	U		6000	83000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		6400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Hexachlorobenzene, Solid*	ND	U		6200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Diethyl phthalate, Solid*	ND	U		6200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		5800	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Pentachlorophenol, Solid*	ND	U		36000	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		6300	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		30000	200000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Phenanthrene, Solid*	160000			4900	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Anthracene, Solid*	48000			6900	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Carbazole, Solid*	15000		J	6200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Di-n-butyl phthalate, Solid*	ND	U		5500	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Fluoranthene, Solid*	56000			5300	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Pyrene, Solid*	49000			5800	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

USTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-3(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-3
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		5400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzo(a)anthracene, Solid*	16000	J		5700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Chrysene, Solid*	16000	J		5300	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		11000	83000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		5500	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Di-n-octyl phthalate, Solid*	ND	U		4400	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzo(b)fluoranthene, Solid*	ND	U		12000	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzo(k)fluoranthene, Solid*	9100	J		4700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzo(a)pyrene, Solid*	15000	J		5200	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	5900	J		4300	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U		4700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm
	Benzo(ghi)perylene, Solid*	8400	J		4700	42000	100.0000	ug/Kg	47452		04/19/05 0113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

STOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-4(3-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-4
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	84.8			0.10	0.10	1	%	47202		04/14/05 1056	skr
	% Moisture, Solid	15.2			0.10	0.10	1	%	47202		04/14/05 1056	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		570	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		270	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		300	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		310	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		330	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzyl alcohol, Solid*	ND	U		370	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2-Methylphenol, Solid*	ND	U		520	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		280	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		270	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Hexachloroethane, Solid*	ND	U		350	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Methylphenol, Solid*	ND	U		1100	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2-Chlorophenol, Solid*	ND	U		510	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Nitrobenzene, Solid*	ND	U		240	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		340	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		330	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Isophorone, Solid*	ND	U		350	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4-Dimethylphenol, Solid*	ND	U		1000	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Hexachlorobutadiene, Solid*	ND	U		400	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Naphthalene, Solid*	5400			340	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4-Dichlorophenol, Solid*	ND	U		640	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Chloroaniline, Solid*	ND	U		630	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		500	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		710	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		1500	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-4(3-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-4
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	680			310	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2-Nitroaniline, Solid*	ND			250	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2-Chloronaphthalene, Solid*	ND			290	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Chloro-3-methylphenol, Solid*	ND			670	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,6-Dinitrotoluene, Solid*	ND			360	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2-Nitrophenol, Solid*	ND			680	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	3-Nitroaniline, Solid*	ND			410	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Dimethyl phthalate, Solid*	ND			300	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4-Dinitrophenol, Solid*	ND			680	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Acenaphthylene, Solid*	ND			240	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	2,4-Dinitrotoluene, Solid*	ND			350	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Acenaphthene, Solid*	1700			320	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Dibenzofuran, Solid*	1300			310	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Nitrophenol, Solid*	ND			840	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Fluorene, Solid*	1700			250	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Nitroaniline, Solid*	ND			280	3900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Bromophenyl phenyl ether, Solid*	ND			300	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Hexachlorobenzene, Solid*	ND			290	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Diethyl phthalate, Solid*	ND			290	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND			270	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Pentachlorophenol, Solid*	ND			1700	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	n-Nitrosodiphenylamine, Solid*	ND			290	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND			1400	9400	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Phenanthrene, Solid*	18000			230	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Anthracene, Solid*	3900			320	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Carbazole, Solid*	1700			290	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Di-n-butyl phthalate, Solid*	ND			260	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Fluoranthene, Solid*	19000			250	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Pyrene, Solid*	14000			270	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-4(3-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-4
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		250	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzo(a)anthracene, Solid*	6000			270	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Chrysene, Solid*	6400			250	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		520	3900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		260	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Di-n-octyl phthalate, Solid*	ND	U		210	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzo(b)fluoranthene, Solid*	5400			550	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzo(k)fluoranthene, Solid*	5300			220	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzo(a)pyrene, Solid*	6500			240	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	3500			200	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Dibenzo(a,h)anthracene, Solid*	1300	J	H	220	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm
	Benzo(ghi)perylene, Solid*	4200			220	1900	5.00000	ug/Kg	47452		04/19/05 0139	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

STOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-5(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-5
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	85.2			0.10	0.10	1	%	47202		04/14/05 1102	skr
	% Moisture, Solid	14.8			0.10	0.10	1	%	47202		04/14/05 1102	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		110	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		52	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		61	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		65	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzyl alcohol, Solid*	ND	U		73	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2-Methylphenol, Solid*	ND	U		100	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		54	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		52	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Hexachloroethane, Solid*	ND	U		68	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Methylphenol, Solid*	ND	U		210	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2-Chlorophenol, Solid*	ND	U		100	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Nitrobenzene, Solid*	ND	U		46	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		66	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		65	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Isophorone, Solid*	ND	U		70	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4-Dimethylphenol, Solid*	ND	U		200	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Hexachlorobutadiene, Solid*	ND	U		79	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Naphthalene, Solid*	630			66	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4-Dichlorophenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Chloroaniline, Solid*	ND	U		120	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		98	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		140	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		290	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-5(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-5
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	190	J		61	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2-Nitroaniline, Solid*	ND	U		49	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2-Chloronaphthalene, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		71	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2-Nitrophenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	3-Nitroaniline, Solid*	ND	U		80	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Dimethyl phthalate, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4-Dinitrophenol, Solid*	ND	U		130	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Acenaphthylene, Solid*	ND	U		47	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		70	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Acenaphthene, Solid*	130	J		64	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Dibenzofuran, Solid*	ND	U		61	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Nitrophenol, Solid*	ND	U		160	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Fluorene, Solid*	ND	U		50	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Nitroaniline, Solid*	ND	U		56	760	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Hexachlorobenzene, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Diethyl phthalate, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		53	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Pentachlorophenol, Solid*	ND	U		330	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		58	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		280	1900	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Phenanthrene, Solid*	170	J		45	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Anthracene, Solid*	ND	U		64	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Carbazole, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Di-n-butyl phthalate, Solid*	ND	U		51	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Fluoranthene, Solid*	ND	U		49	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Pyrene, Solid*	ND	U		53	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Smue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-5(6-8)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-5
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		50	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzo(a)anthracene, Solid*	ND	U		52	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Chrysene, Solid*	ND	U		49	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		100	760	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		51	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Di-n-octyl phthalate, Solid*	ND	U		41	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzo(b)fluoranthene, Solid*	ND	U		110	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzo(k)fluoranthene, Solid*	ND	U		43	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzo(a)pyrene, Solid*	ND	U		47	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		39	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U		43	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm
	Benzo(ghi)perylene, Solid*	ND	U		43	380	1.00000	ug/Kg	47452		04/19/05 0205	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	81.7			0.10	0.10	1	%	47202		04/14/05 1109	skr
	% Moisture, Solid	18.3			0.10	0.10	1	%	47202		04/14/05 1109	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		11000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		5300	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		6000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		6200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		6600	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzyl alcohol, Solid*	ND	U		7400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2-Methylphenol, Solid*	ND	U		10000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		5500	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		5300	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Hexachloroethane, Solid*	ND	U		6900	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Methylphenol, Solid*	ND	U		21000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2-Chlorophenol, Solid*	ND	U		10000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Nitrobenzene, Solid*	ND	U		4700	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		6700	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		6600	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Isophorone, Solid*	ND	U		7100	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4-Dimethylphenol, Solid*	ND	U		20000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Hexachlorobutadiene, Solid*	ND	U		8000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Naphthalene, Solid*	5500000		A	6700	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4-Dichlorophenol, Solid*	ND	U		13000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Chloroaniline, Solid*	ND	U		13000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		10000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		14000	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		29000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	2500000		A	6200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2-Nitroaniline, Solid*	ND	U		4900	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2-Chloronaphthalene, Solid*	10000	J		5800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		13000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		7200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2-Nitrophenol, Solid*	ND	U		14000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	3-Nitroaniline, Solid*	ND	U		8100	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Dimethyl phthalate, Solid*	ND	U		6000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4-Dinitrophenol, Solid*	ND	U		14000	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Acenaphthylene, Solid*	41000			4800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		7100	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Acenaphthene, Solid*	910000		A	6500	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Dibenzofuran, Solid*	640000		A	6200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Nitrophenol, Solid*	20000	J		17000	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Fluorene, Solid*	790000		A	5100	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Nitroaniline, Solid*	ND	U		5700	78000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		6000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Hexachlorobenzene, Solid*	ND	U		5800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Diethyl phthalate, Solid*	ND	U		5800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		5400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Pentachlorophenol, Solid*	ND	U		34000	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		5900	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		28000	190000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Phenanthrene, Solid*	2300000		A	4600	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Anthracene, Solid*	450000			6500	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Carbazole, Solid*	99000			5800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Di-n-butyl phthalate, Solid*	ND	U		5200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Fluoranthene, Solid*	620000			4900	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Pyrene, Solid*	420000			5400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		5100	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzo(a)anthracene, Solid*	99000			5300	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Chrysene, Solid*	100000			4900	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		10000	78000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		5200	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Di-n-octyl phthalate, Solid*	ND	U		4100	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzo(b)fluoranthene, Solid*	54000		H	11000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzo(k)fluoranthene, Solid*	59000			4400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzo(a)pyrene, Solid*	73000			4800	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	31000	J		4000	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Dibenzo(a,h)anthracene, Solid*	15000	J	M	4400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm
	Benzo(ghi)perylene, Solid*	39000			4400	39000	100.0000	ug/Kg	47452		04/19/05 0231	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

CUSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		230000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzyl alcohol, Solid*	ND	U		150000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Methylphenol, Solid*	ND	U		210000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Hexachloroethane, Solid*	ND	U		140000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Methylphenol, Solid*	ND	U		420000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Chlorophenol, Solid*	ND	U		200000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Nitrobenzene, Solid*	ND	U		94000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Isophorone, Solid*	ND	U		140000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4-Dimethylphenol, Solid*	ND	U		410000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Hexachlorobutadiene, Solid*	ND	U		160000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Naphthalene, Solid*	6300000			130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4-Dichlorophenol, Solid*	ND	U		260000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Chloroaniline, Solid*	ND	U		250000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		200000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		280000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		580000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Methylnaphthalene, Solid*	1600000			120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Nitroaniline, Solid*	ND	U		99000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Chloronaphthalene, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		270000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene, Solid*	ND	U		140000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2-Nitrophenol, Solid*	ND	U		270000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	3-Nitroaniline, Solid*	ND	U		160000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Dimethyl phthalate, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4-Dinitrophenol, Solid*	ND	U		270000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Acenaphthylene, Solid*	ND	U		97000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		140000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Acenaphthene, Solid*	720000	J		130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Dibenzofuran, Solid*	500000	J		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Nitrophenol, Solid*	ND	U		330000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Fluorene, Solid*	580000	J		100000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Nitroaniline, Solid*	ND	U		110000	1600000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Hexachlorobenzene, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Diethyl phthalate, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Pentachlorophenol, Solid*	ND	U		680000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		560000	3800000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Phenanthrene, Solid*	1500000			92000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Anthracene, Solid*	350000	J		130000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Carbazole, Solid*	ND	U		120000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Di-n-butyl phthalate, Solid*	ND	U		100000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Fluoranthene, Solid*	480000	J	M	99000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Pyrene, Solid*	380000	J		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Butyl benzyl phthalate, Solid*	ND	U		100000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzo(a)anthracene, Solid*	110000	J		110000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Chrysene, Solid*	130000	J	M	99000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		210000	1600000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-6
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		100000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Di-n-octyl phthalate, Solid*	ND	U		82000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzo(b)fluoranthene, Solid*	ND	U		220000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzo(k)fluoranthene, Solid*	ND	U		87000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzo(a)pyrene, Solid*	ND	U		97000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		80000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U		87000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm
	Benzo(ghi)perylene, Solid*	ND	U		87000	780000	2000.000	ug/Kg	47452	DL	04/20/05 1113	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

STOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-7(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-7
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	88.8			0.10	0.10	1	%	47202		04/14/05 1115	skr
	% Moisture, Solid	11.2			0.10	0.10	1	%	47202		04/14/05 1115	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		2100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		990	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzyl alcohol, Solid*	ND	U		1400	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2-Methylphenol, Solid*	ND	U		2000	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		1000	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		990	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Hexachloroethane, Solid*	ND	U		1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Methylphenol, Solid*	ND	U		3900	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2-Chlorophenol, Solid*	ND	U		1900	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Nitrobenzene, Solid*	ND	U		880	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Isophorone, Solid*	ND	U		1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4-Dimethylphenol, Solid*	ND	U		3800	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Hexachlorobutadiene, Solid*	ND	U		1500	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Naphthalene, Solid*	49000			1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4-Dichlorophenol, Solid*	ND	U		2400	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Chloroaniline, Solid*	ND	U		2300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		1900	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		2700	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		5400	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-7(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-7
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	12000			1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2-Nitroaniline, Solid*	ND	U		920	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2-Chloronaphthalene, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		2500	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2-Nitrophenol, Solid*	ND	U		2500	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	3-Nitroaniline, Solid*	ND	U		1500	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Dimethyl phthalate, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4-Dinitrophenol, Solid*	ND	U		2500	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Acenaphthylene, Solid*	ND	U		900	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		1300	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Acenaphthene, Solid*	1500			1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Dibenzofuran, Solid*	ND	U		1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Nitrophenol, Solid*	ND	U		3100	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Fluorene, Solid*	1600			940	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Nitroaniline, Solid*	ND	U		1100	14000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Hexachlorobenzene, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Diethyl phthalate, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		1000	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Pentachlorophenol, Solid*	ND	U		6300	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		5200	35000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Phenanthrene, Solid*	9600			860	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Anthracene, Solid*	1600			1200	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Carbazole, Solid*	ND	U		1100	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Di-n-butyl phthalate, Solid*	ND	U		970	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Fluoranthene, Solid*	11000			920	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Pyrene, Solid*	9000			1000	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-7(4-6)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-7
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		940	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzo(a)anthracene, Solid*	4000	J		990	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Chrysene, Solid*	4600	J		920	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		2000	14000	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		970	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Di-n-octyl phthalate, Solid*	ND	U		770	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzo(b)fluoranthene, Solid*	2900	J		2000	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzo(k)fluoranthene, Solid*	3500	J		810	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzo(a)pyrene, Solid*	3800	J		900	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	1700	J		750	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U		810	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm
	Benzo(ghi)perylene, Solid*	1900	J		810	7200	20.00000	ug/Kg	47452		04/19/05 0258	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-8(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-8
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
SIM D-2216												
	% Solids, Solid	85.8			0.10	0.10	1	%	47202		04/14/05 1121	skr
	% Moisture, Solid	14.2			0.10	0.10	1	%	47202		04/14/05 1121	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		110	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		52	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		61	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		65	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzyl alcohol, Solid*	ND	U		73	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2-Methylphenol, Solid*	ND	U		100	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		54	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		52	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Hexachloroethane, Solid*	ND	U		68	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Methylphenol, Solid*	ND	U		210	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2-Chlorophenol, Solid*	ND	U		100	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Nitrobenzene, Solid*	ND	U		46	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		66	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		65	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Isophorone, Solid*	ND	U		69	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4-Dimethylphenol, Solid*	ND	U		200	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Hexachlorobutadiene, Solid*	ND	U		79	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Naphthalene, Solid*	260			66	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4-Dichlorophenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Chloroaniline, Solid*	ND	U		120	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		98	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		140	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		290	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-8(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-8
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	200	J		61	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2-Nitroaniline, Solid*	ND	U		49	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2-Chloronaphthalene, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		71	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2-Nitrophenol, Solid*	ND	U		130	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	3-Nitroaniline, Solid*	ND	U		80	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Dimethyl phthalate, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4-Dinitrophenol, Solid*	ND	U		130	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Acenaphthylene, Solid*	58	J		47	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		69	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Acenaphthene, Solid*	180	J		64	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Dibenzofuran, Solid*	98	J		61	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Nitrophenol, Solid*	ND	U		160	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Fluorene, Solid*	160	J		50	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Nitroaniline, Solid*	ND	U		56	760	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		59	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Hexachlorobenzene, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Diethyl phthalate, Solid*	ND	U		57	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		53	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Pentachlorophenol, Solid*	ND	U		330	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		58	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		280	1900	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Phenanthrene, Solid*	1800			45	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Anthracene, Solid*	450			64	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Carbazole, Solid*	110	J		57	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Di-n-butyl phthalate, Solid*	ND	U		51	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Fluoranthene, Solid*	4200			49	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Pyrene, Solid*	4000			53	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-8(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-8
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		50	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzo(a)anthracene, Solid*	1600			52	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Chrysene, Solid*	1900			49	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		100	760	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	53	J		51	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Di-n-octyl phthalate, Solid*	ND	U		41	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzo(b)fluoranthene, Solid*	1400			110	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzo(k)fluoranthene, Solid*	1400			43	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzo(a)pyrene, Solid*	1800			47	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	1100			39	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Dibenzo(a,h)anthracene, Solid*	410			43	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm
	Benzo(ghi)perylene, Solid*	1300			43	380	1.00000	ug/Kg	47452		04/19/05 0324	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
IM D-2216												
	% Solids, Solid	83.9			0.10	0.10	1	%	47202		04/14/05 1128	skr
	% Moisture, Solid	16.1			0.10	0.10	1	%	47202		04/14/05 1128	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		110	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		53	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		60	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		63	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		66	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzyl alcohol, Solid*	ND	U		75	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2-Methylphenol, Solid*	ND	U		110	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		56	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		53	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Hexachloroethane, Solid*	ND	U		70	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Methylphenol, Solid*	ND	U		210	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2-Chlorophenol, Solid*	ND	U		100	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Nitrobenzene, Solid*	ND	U		47	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		67	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		66	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Isophorone, Solid*	ND	U		71	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4-Dimethylphenol, Solid*	ND	U		200	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Hexachlorobutadiene, Solid*	ND	U		80	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Naphthalene, Solid*	710			67	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4-Dichlorophenol, Solid*	ND	U		130	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Chloroaniline, Solid*	ND	U		130	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		100	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		140	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		290	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	130	J		63	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2-Nitroaniline, Solid*	ND	U		50	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2-Chloronaphthalene, Solid*	ND	U		58	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		130	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		72	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2-Nitrophenol, Solid*	ND	U		140	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	3-Nitroaniline, Solid*	ND	U		82	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Dimethyl phthalate, Solid*	ND	U		60	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4-Dinitrophenol, Solid*	ND	U		140	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Acenaphthylene, Solid*	190	J		49	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		71	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Acenaphthene, Solid*	500			65	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Dibenzofuran, Solid*	300	J		63	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Nitrophenol, Solid*	ND	U		170	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Fluorene, Solid*	440			51	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Nitroaniline, Solid*	ND	U		57	780	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		60	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Hexachlorobenzene, Solid*	ND	U		58	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Diethyl phthalate, Solid*	ND	U		58	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		54	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Pentachlorophenol, Solid*	ND	U		340	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		59	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		280	1900	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Phenanthrene, Solid*	6300			46	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Anthracene, Solid*	1500			65	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Carbazole, Solid*	330	J		58	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Di-n-butyl phthalate, Solid*	ND	U		52	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Fluoranthene, Solid*	7400		A	50	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Pyrene, Solid*	6000			54	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		51	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzo(a)anthracene, Solid*	2300			53	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Chrysene, Solid*	2500			50	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		110	780	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		52	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Di-n-octyl phthalate, Solid*	ND	U		41	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzo(b)fluoranthene, Solid*	1500			110	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzo(k)fluoranthene, Solid*	1900			44	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzo(a)pyrene, Solid*	2300			49	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	1200			40	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Dibenzo(a,h)anthracene, Solid*	590			44	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm
	Benzo(ghi)perylene, Solid*	1400			44	390	1.00000	ug/Kg	47452		04/19/05 0350	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		230	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzyl alcohol, Solid*	ND	U		150	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Methylphenol, Solid*	ND	U		210	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Hexachloroethane, Solid*	ND	U		140	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Methylphenol, Solid*	ND	U		420	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Chlorophenol, Solid*	ND	U		200	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Nitrobenzene, Solid*	ND	U		95	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Isophorone, Solid*	ND	U		140	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4-Dimethylphenol, Solid*	ND	U		410	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Hexachlorobutadiene, Solid*	ND	U		160	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Naphthalene, Solid*	820			130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4-Dichlorophenol, Solid*	ND	U		260	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Chloroaniline, Solid*	ND	U		250	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		200	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		290	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		590	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Methylnaphthalene, Solid*	150	J		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Nitroaniline, Solid*	ND	U		99	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Chloronaphthalene, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		270	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene, Solid*	ND	U		140	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2-Nitrophenol, Solid*	ND	U		270	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	3-Nitroaniline, Solid*	ND	U		160	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Dimethyl phthalate, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4-Dinitrophenol, Solid*	ND	U		270	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Acenaphthylene, Solid*	230	J		97	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		140	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Acenaphthene, Solid*	620	J		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Dibenzofuran, Solid*	360	J		130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Nitrophenol, Solid*	ND	U		340	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Fluorene, Solid*	570	J		100	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Nitroaniline, Solid*	ND	U		110	1600	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Hexachlorobenzene, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Diethyl phthalate, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Pentachlorophenol, Solid*	ND	U		680	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		570	3800	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Phenanthrene, Solid*	7000			92	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Anthracene, Solid*	1700			130	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Carbazole, Solid*	410	J		120	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Di-n-butyl phthalate, Solid*	ND	U		100	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Fluoranthene, Solid*	8000			99	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Pyrene, Solid*	7100			110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Butyl benzyl phthalate, Solid*	ND	U		100	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzo(a)anthracene, Solid*	2900			110	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Chrysene, Solid*	3200			99	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		210	1600	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-9(3-5)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-9
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		100	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Di-n-octyl phthalate, Solid*	ND	U		83	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzo(b)fluoranthene, Solid*	2100		H	220	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzo(k)fluoranthene, Solid*	2200			88	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzo(a)pyrene, Solid*	2800			97	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	1300			80	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Dibenzo(a,h)anthracene, Solid*	510	J		88	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm
	Benzo(ghi)perylene, Solid*	1400			88	780	2.00000	ug/Kg	47452	DL	04/19/05 2313	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-10(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-10
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
TM D-2216												
	% Solids, Solid	88.3			0.10	0.10	1	%	47202		04/14/05 1134	skr
	% Moisture, Solid	11.7			0.10	0.10	1	%	47202		04/14/05 1134	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND		U	110	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Bis(2-chloroethyl)ether, Solid*	ND		U	50	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	1,3-Dichlorobenzene, Solid*	ND		U	57	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	1,4-Dichlorobenzene, Solid*	ND		U	59	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	1,2-Dichlorobenzene, Solid*	ND		U	63	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzyl alcohol, Solid*	ND		U	70	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2-Methylphenol, Solid*	ND		U	99	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND		U	53	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND		U	50	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Hexachloroethane, Solid*	ND		U	66	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Methylphenol, Solid*	ND		U	200	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2-Chlorophenol, Solid*	ND		U	96	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Nitrobenzene, Solid*	ND		U	45	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND		U	64	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	1,2,4-Trichlorobenzene, Solid*	ND		U	63	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Isophorone, Solid*	ND		U	67	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4-Dimethylphenol, Solid*	ND		U	190	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Hexachlorobutadiene, Solid*	ND		U	76	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Naphthalene, Solid*	120		J	64	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4-Dichlorophenol, Solid*	ND		U	120	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Chloroaniline, Solid*	ND		U	120	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4,6-Trichlorophenol, Solid*	ND		U	95	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4,5-Trichlorophenol, Solid*	ND		U	140	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Hexachlorocyclopentadiene, Solid*	ND		U	280	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-10(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-10
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	ND	U		59	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2-Nitroaniline, Solid*	ND	U		47	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2-Chloronaphthalene, Solid*	ND	U		55	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		130	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		68	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2-Nitrophenol, Solid*	ND	U		130	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	3-Nitroaniline, Solid*	ND	U		77	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Dimethyl phthalate, Solid*	ND	U		57	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4-Dinitrophenol, Solid*	ND	U		130	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Acenaphthylene, Solid*	ND	U		46	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		67	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Acenaphthene, Solid*	100	J		61	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Dibenzofuran, Solid*	73	J		59	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Nitrophenol, Solid*	ND	U		160	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Fluorene, Solid*	88	J		48	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Nitroaniline, Solid*	ND	U		54	740	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		57	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Hexachlorobenzene, Solid*	ND	U		55	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Diethyl phthalate, Solid*	ND	U		55	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		51	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Pentachlorophenol, Solid*	ND	U		320	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		56	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		270	1800	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Phenanthrene, Solid*	1100	J		44	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Anthracene, Solid*	250	J		61	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Carbazole, Solid*	78	J		55	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Di-n-butyl phthalate, Solid*	ND	U		49	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Fluoranthene, Solid*	1600	J		47	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Pyrene, Solid*	1600	J		51	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-10(2-4)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-10
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		48	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzo(a)anthracene, Solid*	690			50	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Chrysene, Solid*	880			47	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		99	740	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		49	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Di-n-octyl phthalate, Solid*	ND	U		39	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzo(b)fluoranthene, Solid*	730			100	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzo(k)fluoranthene, Solid*	690			41	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzo(a)pyrene, Solid*	830			46	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	560			38	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Dibenzo(a,h)anthracene, Solid*	220	J	H	41	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm
	Benzo(ghi)perylene, Solid*	690			41	370	1.00000	ug/Kg	47452		04/19/05 0416	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	5	J		0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Bis(2-chloroethyl)ether	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	1,3-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	1,4-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	1,2-Dichlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzyl alcohol	ND	U		0.4	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Methylphenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,2-oxybis (1-chloropropane)	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	n-Nitroso-di-n-propylamine	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Hexachloroethane	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Methylphenol	69			2	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Chlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Nitrobenzene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Bis(2-chloroethoxy)methane	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	1,2,4-Trichlorobenzene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Isophorone	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4-Dimethylphenol	210		A	0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Hexachlorobutadiene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Naphthalene	840		A	0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4-Dichlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Chloroaniline	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4,6-Trichlorophenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4,5-Trichlorophenol	ND	U		1	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	Hexachlorocyclopentadiene	ND	U		6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Methylnaphthalene	690		A	0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Nitroaniline	ND	U		1	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Chloronaphthalene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Chloro-3-methylphenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 2033	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	Dimethyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	Acenaphthylene	95		A	0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	2,4-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Acenaphthene	390		A	0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Dibenzofuran	280		A	0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Nitrophenol	9	J		0.9	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	Fluorene	300		A	0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Nitroaniline	ND	U		0.9	22	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Bromophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Hexachlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Diethyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4-Chlorophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Pentachlorophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	n-Nitrosodiphenylamine	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	4,6-Dinitro-2-methylphenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2033	dmm
	Phenanthrene	350		A	0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Anthracene	120		A	0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Carbazole	200		A	0.3	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Fluoranthene	180		A	0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Pyrene	98		A	0.4	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Butyl benzyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzo(a)anthracene	32			0.4	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Chrysene	28			0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	3,3-Dichlorobenzidine	ND	U		0.8	22	1.00000	ug/L	47456		04/15/05 2033	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Di-n-octyl phthalate	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzo(b)fluoranthene	29			1	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzo(k)fluoranthene	ND	U		2	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzo(a)pyrene	23			0.6	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Indeno(1,2,3-cd)pyrene	10	J		0.8	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Dibenzo(a,h)anthracene	5	J		0.9	11	1.00000	ug/L	47456		04/15/05 2033	dmm
	Benzo(ghi)perylene	11			0.7	11	1.00000	ug/L	47456		04/15/05 2033	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Bis(2-chloroethyl)ether	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	1,3-Dichlorobenzene	ND	U		100	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	1,4-Dichlorobenzene	ND	U		100	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	1,2-Dichlorobenzene	ND	U		78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzyl alcohol	ND	U		44	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Methylphenol	ND	U		100	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,2-oxybis (1-chloropropane)	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	n-Nitroso-di-n-propylamine	ND	U		120	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Hexachloroethane	ND	U		100	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Methylphenol	ND	U		180	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Chlorophenol	ND	U		120	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Nitrobenzene	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Bis(2-chloroethoxy)methane	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	1,2,4-Trichlorobenzene	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Isophorone	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4-Dimethylphenol	170	J		89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Hexachlorobutadiene	ND	U		120	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Naphthalene	8700			78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4-Dichlorophenol	ND	U		110	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Chloroaniline	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4,6-Trichlorophenol	ND	U		200	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4,5-Trichlorophenol	ND	U		100	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Hexachlorocyclopentadiene	ND	U		640	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Methylnaphthalene	1200			67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Nitroaniline	ND	U		100	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Chloronaphthalene	ND	U		89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Chloro-3-methylphenol	ND	U		160	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

JSTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2-Nitrophenol	ND	U		130	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	3-Nitroaniline	ND	U		78	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Dimethyl phthalate	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4-Dinitrophenol	ND	U		200	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Acenaphthylene	83		J	78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	2,4-Dinitrotoluene	ND	U		110	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Acenaphthene	500		J	78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Dibenzofuran	370		J	89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Nitrophenol	ND	U		89	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Fluorene	290		J	78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Nitroaniline	ND	U		89	2200	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Bromophenyl phenyl ether	ND	U		78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Hexachlorobenzene	ND	U		78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Diethyl phthalate	ND	U		89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4-Chlorophenyl phenyl ether	ND	U		100	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Pentachlorophenol	ND	U		180	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	n-Nitrosodiphenylamine	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	4,6-Dinitro-2-methylphenol	ND	U		190	5600	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Phenanthrene	540		J	56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Anthracene	100		J	89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Carbazole	170		J	33	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Di-n-butyl phthalate	ND	U		89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Fluoranthene	140		J	67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Pyrene	110		J	44	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Butyl benzyl phthalate	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzo(a)anthracene	ND	U		44	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Chrysene	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	3,3-Dichlorobenzidine	ND	U		78	2200	100.0000	ug/L	47456	DL	04/19/05 0441	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-2
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-11
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		280	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Di-n-octyl phthalate	ND	U		78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzo(b)fluoranthene	ND	U		110	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzo(k)fluoranthene	ND	U		180	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzo(a)pyrene	ND	U		56	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		78	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Dibenzo(a,h)anthracene	ND	U		89	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm
	Benzo(ghi)perylene	ND	U		67	1100	100.0000	ug/L	47456	DL	04/19/05 0441	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

CUSTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	1	J		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Bis(2-chloroethyl)ether	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	1,3-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	1,4-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	1,2-Dichlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzyl alcohol	ND	U		0.4	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Methylphenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,2-oxybis (1-chloropropane)	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	n-Nitroso-di-n-propylamine	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Hexachloroethane	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Methylphenol	8	J		2	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Chlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Nitrobenzene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Bis(2-chloroethoxy)methane	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	1,2,4-Trichlorobenzene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Isophorone	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4-Dimethylphenol	84			0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Hexachlorobutadiene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Naphthalene	2700		A	0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4-Dichlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Chloroaniline	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4,6-Trichlorophenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4,5-Trichlorophenol	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	Hexachlorocyclopentadiene	ND	U		6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Methylnaphthalene	1100		A	0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Nitroaniline	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Chloronaphthalene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Chloro-3-methylphenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1850	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	0.8	J	H	0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	Dimethyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	Acenaphthylene	29			0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	2,4-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Acenaphthene	210		A	0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Dibenzofuran	150		A	0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Nitrophenol	4	J		0.9	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	Fluorene	130		A	0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Nitroaniline	ND	U		0.9	22	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Bromophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Hexachlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Diethyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4-Chlorophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Pentachlorophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	n-Nitrosodiphenylamine	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	4,6-Dinitro-2-methylphenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1850	dmm
	Phenanthrene	180		A	0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Anthracene	42			0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Carbazole	63			0.3	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Fluoranthene	40			0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Pyrene	24			0.4	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Butyl benzyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzo(a)anthracene	5	J		0.4	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Chrysene	5	J		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	3,3-Dichlorobenzidine	ND	U		0.8	22	1.00000	ug/L	47456		04/15/05 1850	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Di-n-octyl phthalate	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzo(b)fluoranthene	3	J	H	1	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzo(k)fluoranthene	3	J		2	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzo(a)pyrene	4	J		0.6	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Indeno(1,2,3-cd)pyrene	1	J		0.8	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Dibenzo(a,h)anthracene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1850	dmm
	Benzo(ghi)perylene	2	J		0.7	11	1.00000	ug/L	47456		04/15/05 1850	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Bis(2-chloroethyl)ether	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	1,3-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	1,4-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	1,2-Dichlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzyl alcohol	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Methylphenol	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,2-oxybis (1-chloropropane)	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	n-Nitroso-di-n-propylamine	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Hexachloroethane	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Methylphenol	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Chlorophenol	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Nitrobenzene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Bis(2-chloroethoxy)methane	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	1,2,4-Trichlorobenzene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Isophorone	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4-Dimethylphenol	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Hexachlorobutadiene	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Naphthalene	6700			160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4-Dichlorophenol	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Chloroaniline	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4,6-Trichlorophenol	ND	U		400	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4,5-Trichlorophenol	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Hexachlorocyclopentadiene	ND	U		1300	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Methylnaphthalene	480		J	130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Nitroaniline	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Chloronaphthalene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Chloro-3-methylphenol	ND	U		310	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2-Nitrophenol	ND	U		270	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	3-Nitroaniline	ND	U		160	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Dimethyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4-Dinitrophenol	ND	U		400	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Acenaphthylene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	2,4-Dinitrotoluene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Acenaphthene	220	J		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Dibenzofuran	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Nitrophenol	ND	U		180	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Fluorene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Nitroaniline	ND	U		180	4400	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Bromophenyl phenyl ether	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Hexachlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Diethyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4-Chlorophenyl phenyl ether	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Pentachlorophenol	ND	U		360	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	n-Nitrosodiphenylamine	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	4,6-Dinitro-2-methylphenol	ND	U		380	11000	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Phenanthrene	200	J		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Carbazole	ND	U		67	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Di-n-butyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Fluoranthene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Pyrene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Butyl benzyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzo(a)anthracene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Chrysene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	3,3-Dichlorobenzidine	ND	U		160	4400	200.0000	ug/L	47456	DL	04/19/05 0507	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-3
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-12
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		560	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Di-n-octyl phthalate	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzo(b)fluoranthene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzo(k)fluoranthene	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzo(a)pyrene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Dibenzo(a,h)anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm
	Benzo(ghi)perylene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0507	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	68			0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Bis(2-chloroethyl)ether	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	1,3-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	1,4-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	1,2-Dichlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzyl alcohol	ND	U		0.4	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Methylphenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,2-oxybis (1-chloropropane)	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	n-Nitroso-di-n-propylamine	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Hexachloroethane	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Methylphenol	67			2	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Chlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Nitrobenzene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Bis(2-chloroethoxy)methane	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	1,2,4-Trichlorobenzene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Isophorone	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4-Dimethylphenol	130		A	0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Hexachlorobutadiene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Naphthalene	940		A	0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4-Dichlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Chloroaniline	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4,6-Trichlorophenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4,5-Trichlorophenol	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	Hexachlorocyclopentadiene	ND	U		6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Methylnaphthalene	630		A	0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Nitroaniline	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Chloronaphthalene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Chloro-3-methylphenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1916	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	Dimethyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	Acenaphthylene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	2,4-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Acenaphthene	310		A	0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Dibenzofuran	31			0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Nitrophenol	ND	U		0.9	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	Fluorene	67			0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Nitroaniline	ND	U		0.9	22	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Bromophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Hexachlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Diethyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4-Chlorophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Pentachlorophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	n-Nitrosodiphenylamine	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	4,6-Dinitro-2-methylphenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1916	dmm
	Phenanthrene	61			0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Anthracene	12			0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Carbazole	45			0.3	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Fluoranthene	6	J		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Pyrene	4	J		0.4	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Butyl benzyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzo(a)anthracene	0.6	J		0.4	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Chrysene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	3,3-Dichlorobenzidine	ND	U		0.8	22	1.00000	ug/L	47456		04/15/05 1916	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Di-n-octyl phthalate	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzo(b)fluoranthene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzo(k)fluoranthene	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzo(a)pyrene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Dibenzo(a,h)anthracene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1916	dmm
	Benzo(ghi)perylene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1916	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

USTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Bis(2-chloroethyl)ether	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	1,3-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	1,4-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	1,2-Dichlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzyl alcohol	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Methylphenol	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,2-oxybis (1-chloropropane)	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	n-Nitroso-di-n-propylamine	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Hexachloroethane	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Methylphenol	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Chlorophenol	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Nitrobenzene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Bis(2-chloroethoxy)methane	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	1,2,4-Trichlorobenzene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Isophorone	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4-Dimethylphenol	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Hexachlorobutadiene	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Naphthalene	16000			160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4-Dichlorophenol	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Chloroaniline	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4,6-Trichlorophenol	ND	U		400	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4,5-Trichlorophenol	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Hexachlorocyclopentadiene	ND	U		1300	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Methylnaphthalene	1100		J	130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Nitroaniline	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Chloronaphthalene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Chloro-3-methylphenol	ND	U		310	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

CUSTOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2-Nitrophenol	ND	U		270	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	3-Nitroaniline	ND	U		160	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Dimethyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4-Dinitrophenol	ND	U		400	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Acenaphthylene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	2,4-Dinitrotoluene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Acenaphthene	470	J		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Dibenzofuran	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Nitrophenol	ND	U		180	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Fluorene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Nitroaniline	ND	U		180	4400	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Bromophenyl phenyl ether	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Hexachlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Diethyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4-Chlorophenyl phenyl ether	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Pentachlorophenol	ND	U		360	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	n-Nitrosodiphenylamine	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	4,6-Dinitro-2-methylphenol	ND	U		380	11000	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Phenanthrene	130	J		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Carbazole	ND	U		67	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Di-n-butyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Fluoranthene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Pyrene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Butyl benzyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzo(a)anthracene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Chrysene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	3,3-Dichlorobenzidine	ND	U		160	4400	200.0000	ug/L	47456	DL	04/19/05 2156	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

USTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-4
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-13
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		560	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Di-n-octyl phthalate	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzo(b)fluoranthene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzo(k)fluoranthene	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzo(a)pyrene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Dibenzo(a,h)anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm
	Benzo(ghi)perylene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 2156	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	5	J		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Bis(2-chloroethyl)ether	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	1,3-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	1,4-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	1,2-Dichlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzyl alcohol	ND	U		0.4	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Methylphenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,2-oxybis (1-chloropropane)	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	n-Nitroso-di-n-propylamine	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Hexachloroethane	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Methylphenol	53			2	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Chlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Nitrobenzene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Bis(2-chloroethoxy)methane	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	1,2,4-Trichlorobenzene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Isophorone	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4-Dimethylphenol	110		A	0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Hexachlorobutadiene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Naphthalene	1100		A	0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4-Dichlorophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Chloroaniline	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4,6-Trichlorophenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4,5-Trichlorophenol	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	Hexachlorocyclopentadiene	ND	U		6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Methylnaphthalene	770		A	0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Nitroaniline	ND	U		1	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Chloronaphthalene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Chloro-3-methylphenol	ND	U		2	11	1.00000	ug/L	47456		04/15/05 1942	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

JSTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	Dimethyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	Acenaphthylene	21			0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	2,4-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Acenaphthene	260		A	0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Dibenzofuran	140		A	0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Nitrophenol	4	J		0.9	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	Fluorene	130		A	0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Nitroaniline	ND	U		0.9	22	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Bromophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Hexachlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Diethyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4-Chlorophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Pentachlorophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	n-Nitrosodiphenylamine	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	4,6-Dinitro-2-methylphenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 1942	dmm
	Phenanthrene	160		A	0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Anthracene	38			0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Carbazole	77			0.3	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Fluoranthene	27			0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Pyrene	17			0.4	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Butyl benzyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzo(a)anthracene	4	J		0.4	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Chrysene	4	J		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	3,3-Dichlorobenzidine	ND	U		0.8	22	1.00000	ug/L	47456		04/15/05 1942	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Di-n-octyl phthalate	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzo(b)fluoranthene	2	J	M	1	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzo(k)fluoranthene	2	J	M	2	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzo(a)pyrene	3	J		0.6	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Indeno(1,2,3-cd)pyrene	1	J		0.8	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Dibenzo(a,h)anthracene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 1942	dmm
	Benzo(ghi)perylene	2	J		0.7	11	1.00000	ug/L	47456		04/15/05 1942	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

CUSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Bis(2-chloroethyl)ether	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	1,3-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	1,4-Dichlorobenzene	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	1,2-Dichlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzyl alcohol	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Methylphenol	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,2-oxybis (1-chloropropane)	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	n-Nitroso-di-n-propylamine	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Hexachloroethane	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Methylphenol	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Chlorophenol	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Nitrobenzene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Bis(2-chloroethoxy)methane	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	1,2,4-Trichlorobenzene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Isophorone	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4-Dimethylphenol	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Hexachlorobutadiene	ND	U		240	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Naphthalene	12000			160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4-Dichlorophenol	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Chloroaniline	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4,6-Trichlorophenol	ND	U		400	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4,5-Trichlorophenol	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Hexachlorocyclopentadiene	ND	U		1300	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Methylnaphthalene	820		J	130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Nitroaniline	ND	U		200	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Chloronaphthalene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Chloro-3-methylphenol	ND	U		310	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

JSTOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2-Nitrophenol	ND	U		270	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	3-Nitroaniline	ND	U		160	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Dimethyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4-Dinitrophenol	ND	U		400	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Acenaphthylene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	2,4-Dinitrotoluene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Acenaphthene	260			160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Dibenzofuran	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Nitrophenol	ND	U		180	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Fluorene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Nitroaniline	ND	U		180	4400	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Bromophenyl phenyl ether	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Hexachlorobenzene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Diethyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4-Chlorophenyl phenyl ether	ND	U		200	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Pentachlorophenol	ND	U		360	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	n-Nitrosodiphenylamine	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	4,6-Dinitro-2-methylphenol	ND	U		380	11000	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Phenanthrene	160			110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Carbazole	ND	U		67	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Di-n-butyl phthalate	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Fluoranthene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Pyrene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Butyl benzyl phthalate	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzo(a)anthracene	ND	U		89	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Chrysene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	3,3-Dichlorobenzidine	ND	U		160	4400	200.0000	ug/L	47456	DL	04/19/05 0558	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-5
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-14
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		560	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Di-n-octyl phthalate	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzo(b)fluoranthene	ND	U		220	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzo(k)fluoranthene	ND	U		360	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzo(a)pyrene	ND	U		110	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		160	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Dibenzo(a,h)anthracene	ND	U		180	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm
	Benzo(ghi)perylene	ND	U		130	2200	200.0000	ug/L	47456	DL	04/19/05 0558	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

CUSTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	30	J		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Bis(2-chloroethyl)ether	ND	U		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	1,3-Dichlorobenzene	ND	U		50	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	1,4-Dichlorobenzene	ND	U		50	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	1,2-Dichlorobenzene	ND	U		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzyl alcohol	ND	U		22	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Methylphenol	140	J		50	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,2-oxybis (1-chloropropane)	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	n-Nitroso-di-n-propylamine	ND	U		61	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Hexachloroethane	ND	U		50	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Methylphenol	530	J		89	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Chlorophenol	ND	U		61	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Nitrobenzene	ND	U		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Bis(2-chloroethoxy)methane	ND	U		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	1,2,4-Trichlorobenzene	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Isophorone	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4-Dimethylphenol	5100		A	44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Hexachlorobutadiene	ND	U		61	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Naphthalene	52000		A	39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4-Dichlorophenol	ND	U		56	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Chloroaniline	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4,6-Trichlorophenol	ND	U		100	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4,5-Trichlorophenol	ND	U		50	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	Hexachlorocyclopentadiene	ND	U		320	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Methylnaphthalene	8000		A	33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Nitroaniline	ND	U		50	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Chloronaphthalene	ND	U		44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Chloro-3-methylphenol	ND	U		78	560	25.00000	ug/L	47456		04/16/05 1750	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date: 04/21/2005

JSTOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2-Nitrophenol	ND	U		67	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	3-Nitroaniline	ND	U		39	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	Dimethyl phthalate	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4-Dinitrophenol	ND	U		100	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	Acenaphthylene	150	J		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	2,4-Dinitrotoluene	ND	U		56	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Acenaphthene	3500			39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Dibenzofuran	2200			44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Nitrophenol	ND	U		44	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	Fluorene	2300			39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Nitroaniline	ND	U		44	1100	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Bromophenyl phenyl ether	ND	U		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Hexachlorobenzene	ND	U		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Diethyl phthalate	ND	U		44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4-Chlorophenyl phenyl ether	ND	U		50	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Pentachlorophenol	ND	U		89	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	n-Nitrosodiphenylamine	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	4,6-Dinitro-2-methylphenol	ND	U		94	2800	25.00000	ug/L	47456		04/16/05 1750	dmm
	Phenanthrene	5900		A	28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Anthracene	1000			44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Carbazole	360	J		17	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Di-n-butyl phthalate	ND	U		44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Fluoranthene	1700			33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Pyrene	1100			22	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Butyl benzyl phthalate	ND	U		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzo(a)anthracene	280	J		22	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Chrysene	280	J		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	3,3-Dichlorobenzidine	ND	U		39	1100	25.00000	ug/L	47456		04/16/05 1750	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		140	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Di-n-octyl phthalate	ND	U		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzo(b)fluoranthene	140	J	M	56	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzo(k)fluoranthene	150	J	M	89	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzo(a)pyrene	190	J		28	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Indeno(1,2,3-cd)pyrene	72	J		39	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Dibenzo(a,h)anthracene	ND	U		44	560	25.00000	ug/L	47456		04/16/05 1750	dmm
	Benzo(ghi)perylene	95	J		33	560	25.00000	ug/L	47456		04/16/05 1750	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 — Date:04/21/2005

JSTOMER: Fleming & Lee Shue — PROJECT: REDHOOK — ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Bis(2-chloroethyl)ether	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	1,3-Dichlorobenzene	ND	U		1000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	1,4-Dichlorobenzene	ND	U		1000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	1,2-Dichlorobenzene	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzyl alcohol	ND	U		440	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Methylphenol	ND	U		1000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,2-oxybis (1-chloropropane)	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	n-Nitroso-di-n-propylamine	ND	U		1200	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Hexachloroethane	ND	U		1000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Methylphenol	ND	U		1800	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Chlorophenol	ND	U		1200	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Nitrobenzene	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Bis(2-chloroethoxy)methane	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	1,2,4-Trichlorobenzene	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Isophorone	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4-Dimethylphenol	4700	J		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Hexachlorobutadiene	ND	U		1200	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Naphthalene	33000			780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4-Dichlorophenol	ND	U		1100	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Chloroaniline	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4,6-Trichlorophenol	ND	U		2000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4,5-Trichlorophenol	ND	U		1000	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Hexachlorocyclopentadiene	ND	U		6400	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Methylnaphthalene	6500	J		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Nitroaniline	ND	U		1000	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Chloronaphthalene	ND	U		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Chloro-3-methylphenol	ND	U		1600	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

CUSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2-Nitrophenol	ND	U		1300	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	3-Nitroaniline	ND	U		780	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Dimethyl phthalate	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4-Dinitrophenol	ND	U		2000	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Acenaphthylene	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	2,4-Dinitrotoluene	ND	U		1100	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Acenaphthene	2900	J		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Dibenzofuran	2000	J		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Nitrophenol	ND	U		890	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Fluorene	2000	J		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Nitroaniline	ND	U		890	22000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Bromophenyl phenyl ether	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Hexachlorobenzene	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Diethyl phthalate	ND	U		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4-Chlorophenyl phenyl ether	ND	U		1000	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Pentachlorophenol	ND	U		1800	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	n-Nitrosodiphenylamine	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	4,6-Dinitro-2-methylphenol	ND	U		1900	56000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Phenanthrene	4600	J		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Anthracene	960	J		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Carbazole	ND	U		330	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Di-n-butyl phthalate	ND	U		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Fluoranthene	1300	J		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Pyrene	1100	J		440	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Butyl benzyl phthalate	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzo(a)anthracene	ND	U		440	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Chrysene	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	3,3-Dichlorobenzidine	ND	U		780	22000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

JSTOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-6
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-15
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		2800	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Di-n-octyl phthalate	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzo(b)fluoranthene	ND	U		1100	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzo(k)fluoranthene	ND	U		1800	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzo(a)pyrene	ND	U		560	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		780	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Dibenzo(a,h)anthracene	ND	U		890	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm
	Benzo(ghi)perylene	ND	U		670	11000	500.0000	ug/L	47456	DL	04/19/05 2222	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date: 04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	0.9		J	0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Bis(2-chloroethyl)ether	ND			0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	1,3-Dichlorobenzene	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	1,4-Dichlorobenzene	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	1,2-Dichlorobenzene	ND			0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzyl alcohol	ND			0.4	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Methylphenol	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,2-oxybis (1-chloropropane)	ND			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	n-Nitroso-di-n-propylamine	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Hexachloroethane	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Methylphenol	ND			2	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Chlorophenol	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Nitrobenzene	ND			0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Bis(2-chloroethoxy)methane	ND			0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	1,2,4-Trichlorobenzene	ND			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Isophorone	ND			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4-Dimethylphenol	3		J	0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Hexachlorobutadiene	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Naphthalene	200		A	0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4-Dichlorophenol	ND			1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Chloroaniline	ND			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4,6-Trichlorophenol	ND			2	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4,5-Trichlorophenol	ND			1	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	Hexachlorocyclopentadiene	ND			6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Methylnaphthalene	49			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Nitroaniline	ND			1	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Chloronaphthalene	ND			0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Chloro-3-methylphenol	ND			2	11	1.00000	ug/L	47456		04/15/05 2007	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	Dimethyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	Acenaphthylene	1	J	H	0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	2,4-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Acenaphthene	28			0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Dibenzofuran	13			0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Nitrophenol	ND	U		0.9	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	Fluorene	15			0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Nitroaniline	ND	U		0.9	22	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Bromophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Hexachlorobenzene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Diethyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4-Chlorophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Pentachlorophenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	n-Nitrosodiphenylamine	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	4,6-Dinitro-2-methylphenol	ND	U		2	56	1.00000	ug/L	47456		04/15/05 2007	dmm
	Phenanthrene	27			0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Anthracene	6			0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Carbazole	5			0.3	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Fluoranthene	5			0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Pyrene	3			0.4	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Butyl benzyl phthalate	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzo(a)anthracene	0.7			0.4	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Chrysene	0.7			0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	3,3-Dichlorobenzidine	ND	U		0.8	22	1.00000	ug/L	47456		04/15/05 2007	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date:04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Di-n-octyl phthalate	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzo(b)fluoranthene	ND	U		1	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzo(k)fluoranthene	ND	U		2	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzo(a)pyrene	ND	U		0.6	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		0.8	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Dibenzo(a,h)anthracene	ND	U		0.9	11	1.00000	ug/L	47456		04/15/05 2007	dmm
	Benzo(ghi)perylene	ND	U		0.7	11	1.00000	ug/L	47456		04/15/05 2007	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date: 04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Bis(2-chloroethyl)ether	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	1,3-Dichlorobenzene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	1,4-Dichlorobenzene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	1,2-Dichlorobenzene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzyl alcohol	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Methylphenol	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,2-oxybis (1-chloropropane)	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	n-Nitroso-di-n-propylamine	ND	U		5	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Hexachloroethane	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Methylphenol	ND	U		7	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Chlorophenol	ND	U		5	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Nitrobenzene	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Bis(2-chloroethoxy)methane	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	1,2,4-Trichlorobenzene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Isophorone	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4-Dimethylphenol	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Hexachlorobutadiene	ND	U		5	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Naphthalene	260			3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4-Dichlorophenol	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Chloroaniline	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4,6-Trichlorophenol	ND	U		8	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4,5-Trichlorophenol	ND	U		4	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Hexachlorocyclopentadiene	ND	U		26	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Methylnaphthalene	35	J		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Nitroaniline	ND	U		4	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Chloronaphthalene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Chloro-3-methylphenol	ND	U		6	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date:04/21/2005

STOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2-Nitrophenol	ND	U		5	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	3-Nitroaniline	ND	U		3	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Dimethyl phthalate	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4-Dinitrophenol	ND	U		8	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Acenaphthylene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	2,4-Dinitrotoluene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Acenaphthene	21			3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Dibenzofuran	9			4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Nitrophenol	ND	U		4	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Fluorene	11			3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Nitroaniline	ND	U		4	89	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Bromophenyl phenyl ether	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Hexachlorobenzene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Diethyl phthalate	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4-Chlorophenyl phenyl ether	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Pentachlorophenol	ND	U		7	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	n-Nitrosodiphenylamine	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	4,6-Dinitro-2-methylphenol	ND	U		8	220	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Phenanthrene	22			2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Anthracene	4			4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Carbazole	4			1	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Di-n-butyl phthalate	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Fluoranthene	4			3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Pyrene	3		M	2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Butyl benzyl phthalate	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzo(a)anthracene	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Chrysene	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	3,3-Dichlorobenzidine	ND	U		3	89	4.00000	ug/L	47456	DL	04/19/05 0651	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-7
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 209249-16
Date Received.....: 04/12/2005
Time Received.....: 19:10

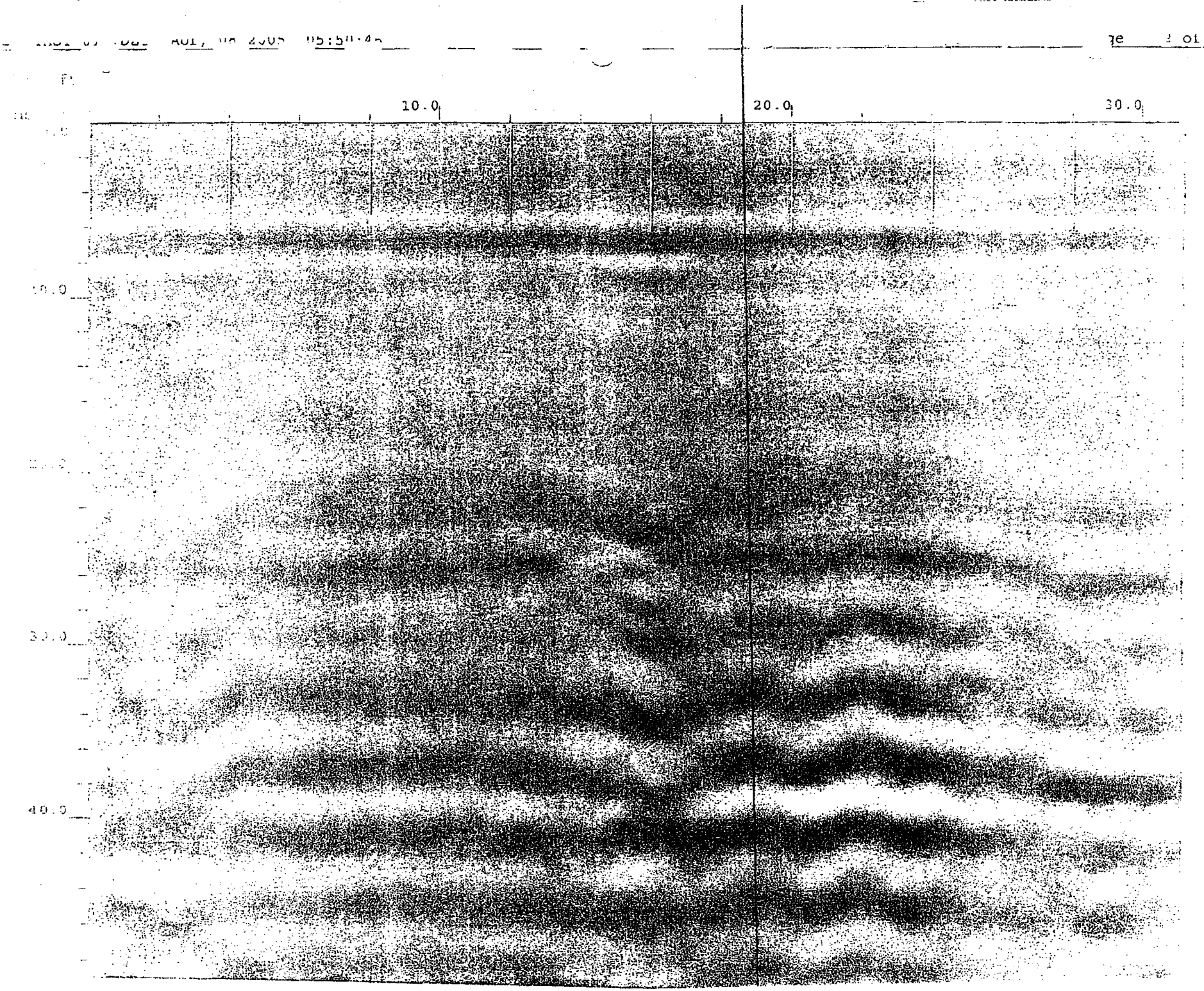
EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate	ND	U		11	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Di-n-octyl phthalate	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzo(b)fluoranthene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzo(k)fluoranthene	ND	U		7	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzo(a)pyrene	ND	U		2	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Indeno(1,2,3-cd)pyrene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Dibenzo(a,h)anthracene	ND	U		4	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm
	Benzo(ghi)perylene	ND	U		3	44	4.00000	ug/L	47456	DL	04/19/05 0651	dmm

* In Description = Dry Wgt.

SMI_T_015.DZT

Created Apr, 08 2005, 05:47:12 Modified Apr, 08 2005, 05:50:46
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -17.0 -17.0 24.0
39.0 39.0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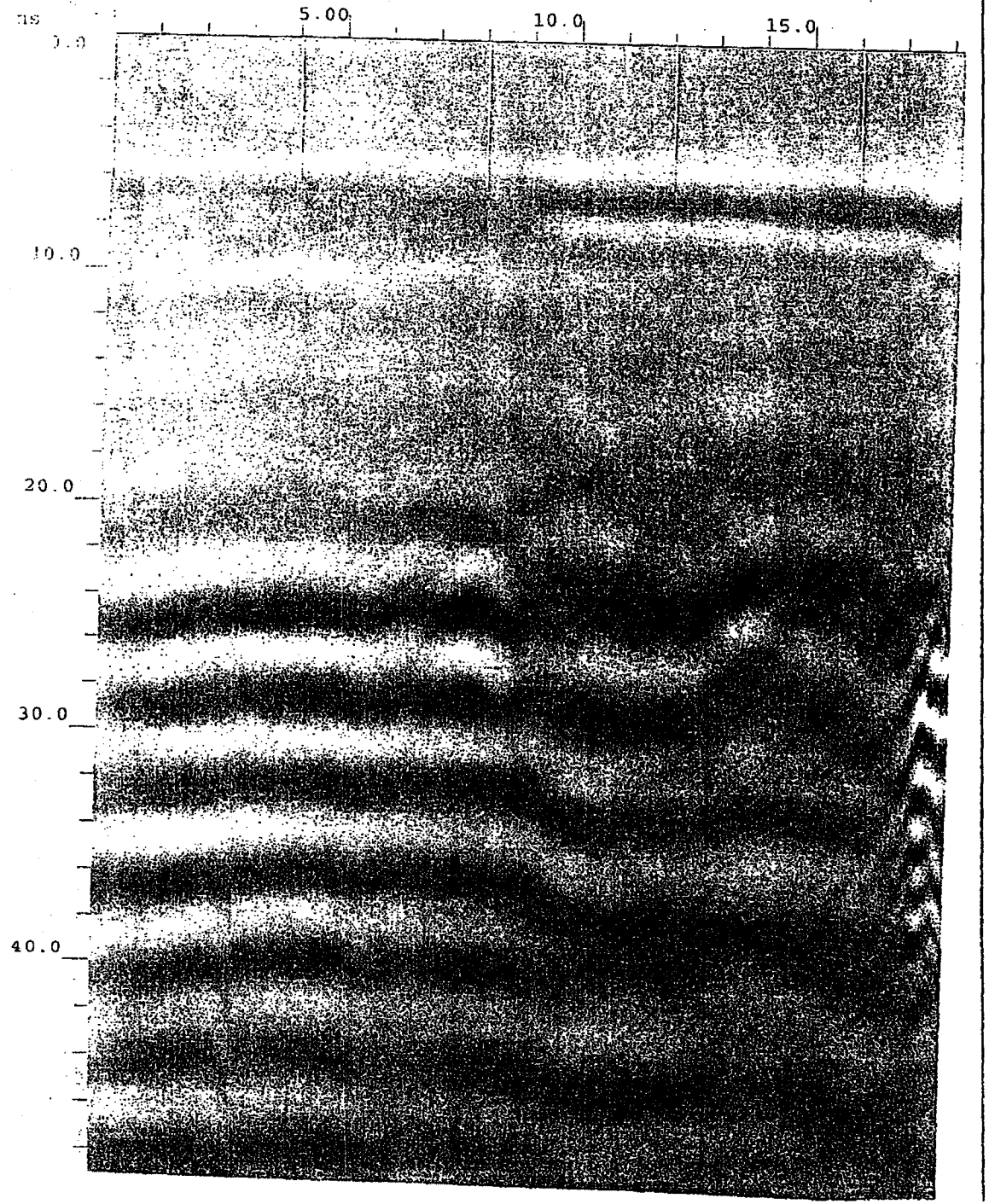
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 30.0
30.0 39.0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40.0

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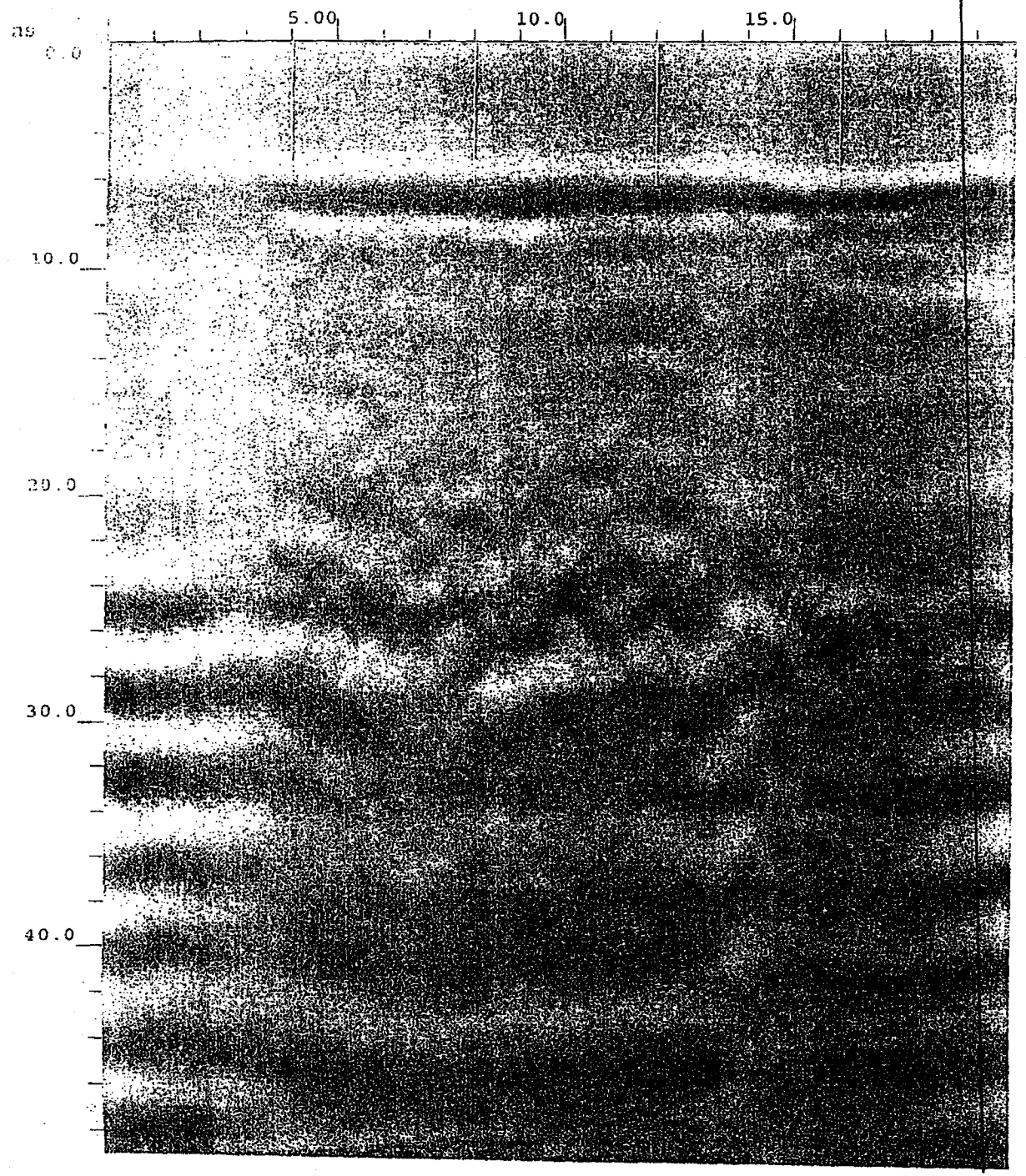
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 0.0999999 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -13.0 -13.0 35.0
37.0 38.0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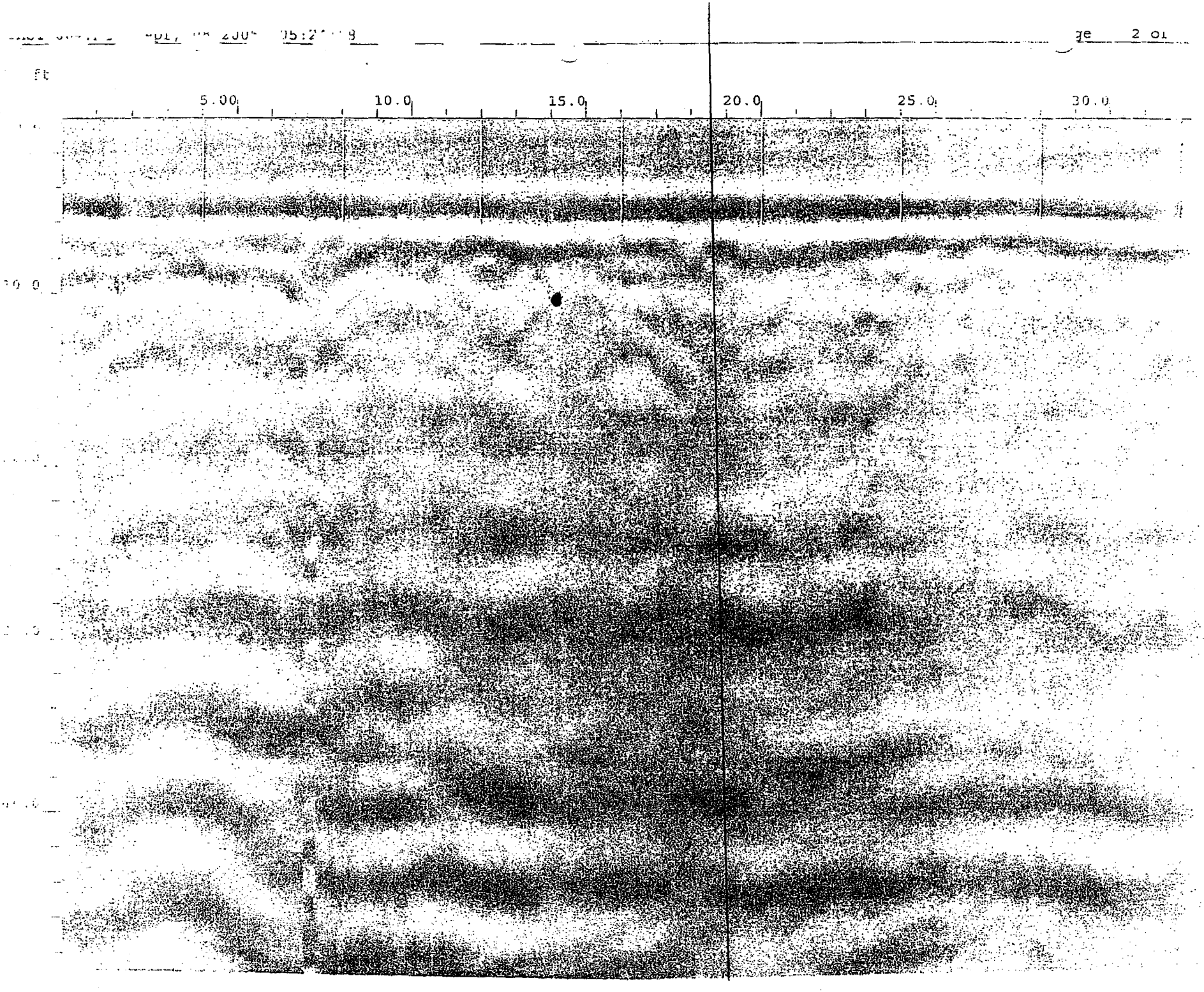
Created Apr, 08 2005, 05:17:28 Modified Apr, 08 2005, 05:24:08
Channel(s) 1 Samples/Scan 1024 Bits/Sample 16
Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Position Correction 1.725 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Range Gain (dB) -20.0 4.0 25.0
36.0 44.0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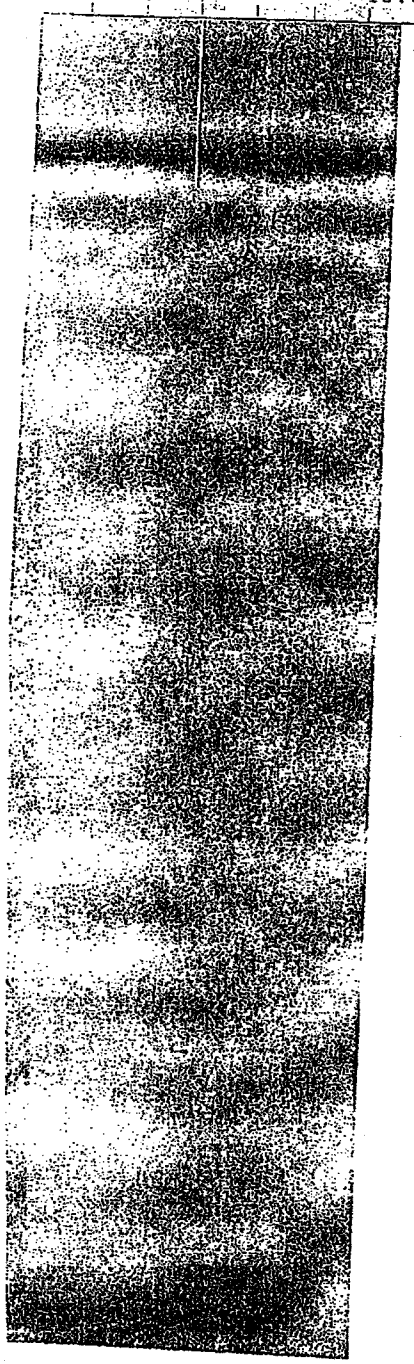
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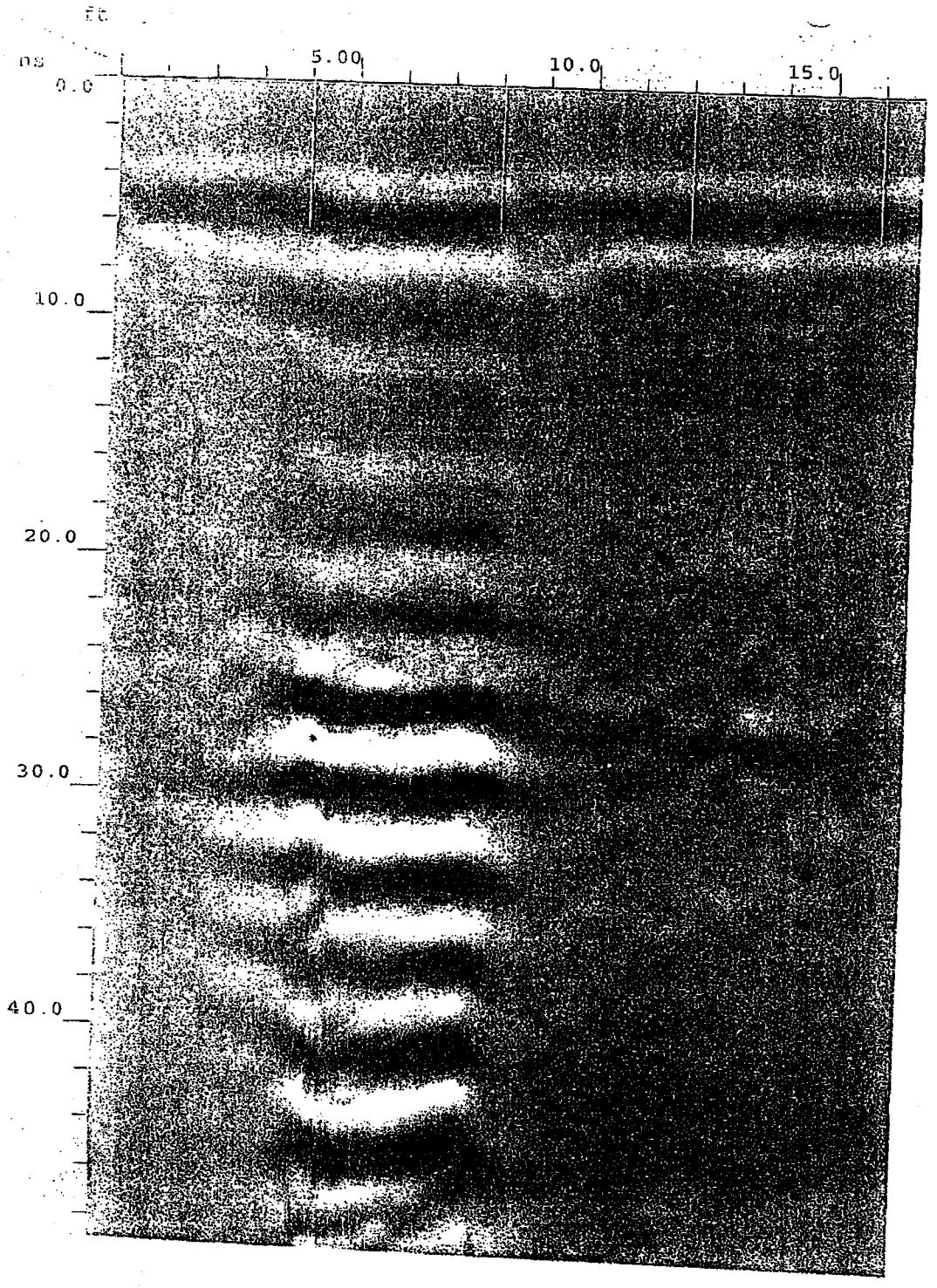
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Vert IIR LP N =1 F =1500 MHz
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3
Position Correction 1.725 nS
Range Gain (dB) -12.0 -12.0 28.0
28.0 37.0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SMI[illegible]T_002.DZT

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Scans/Second 32 Scans/Meter 98.4252 Meters/Mark 1.2192
Diel Constant 8

CHANNEL 1 400MHz
Position 0 nS Range 50 nS
Range Gain (dB) -16.0 -16.0 24.0
26.0 45.0
Position Correction 0.225 nS
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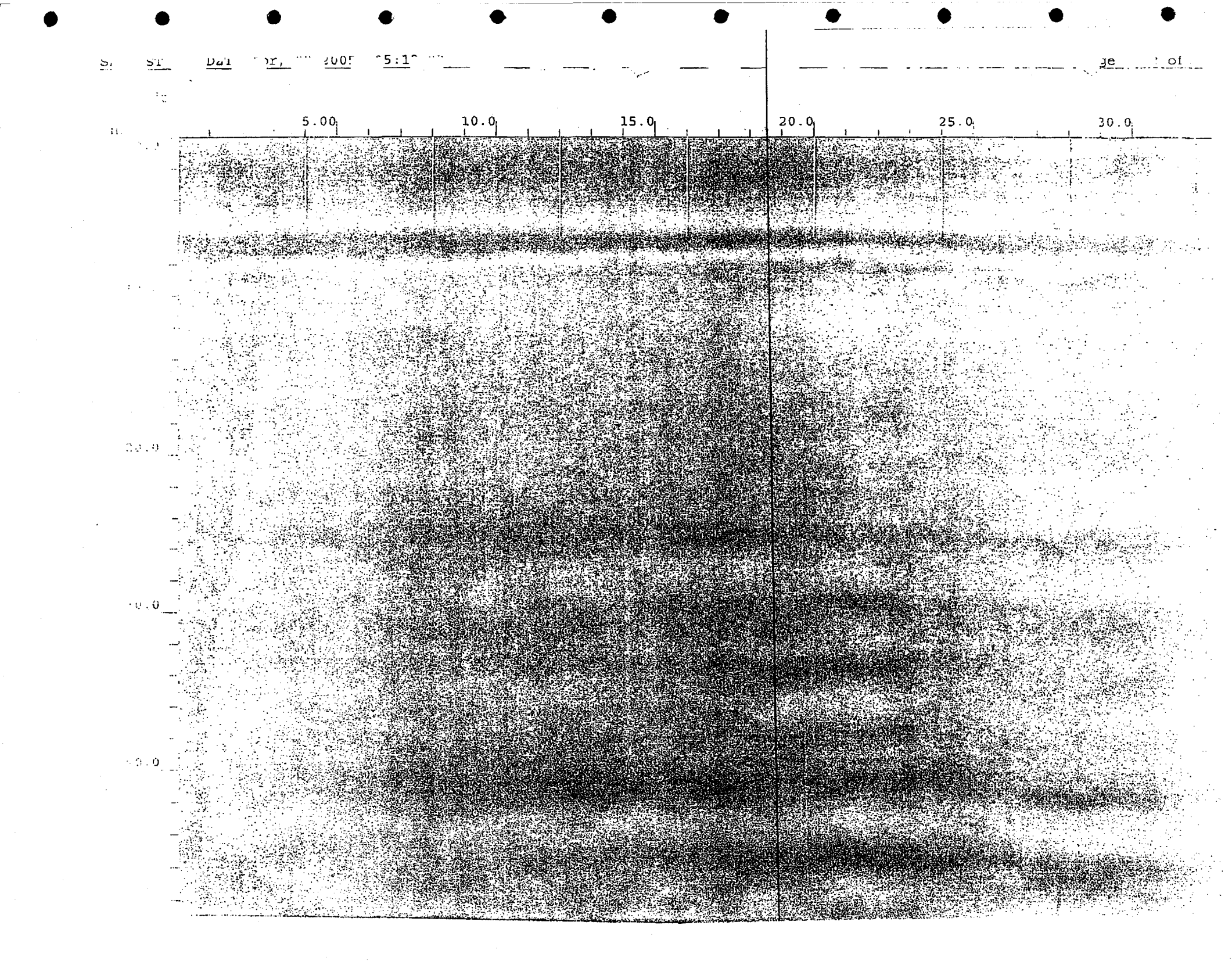
Vert IIR HP N =1 F =100 MHz
Horz IIR Stack TC =3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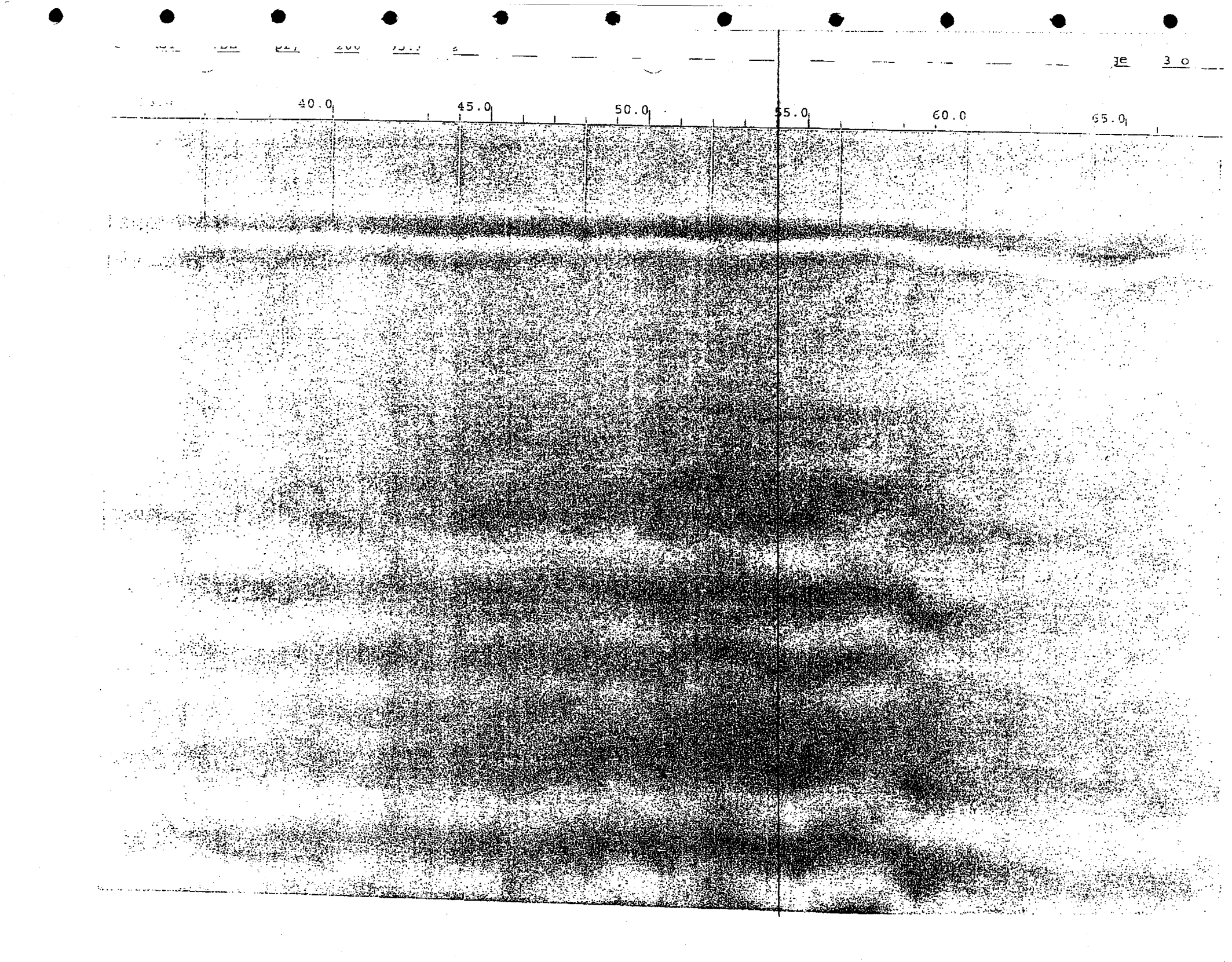
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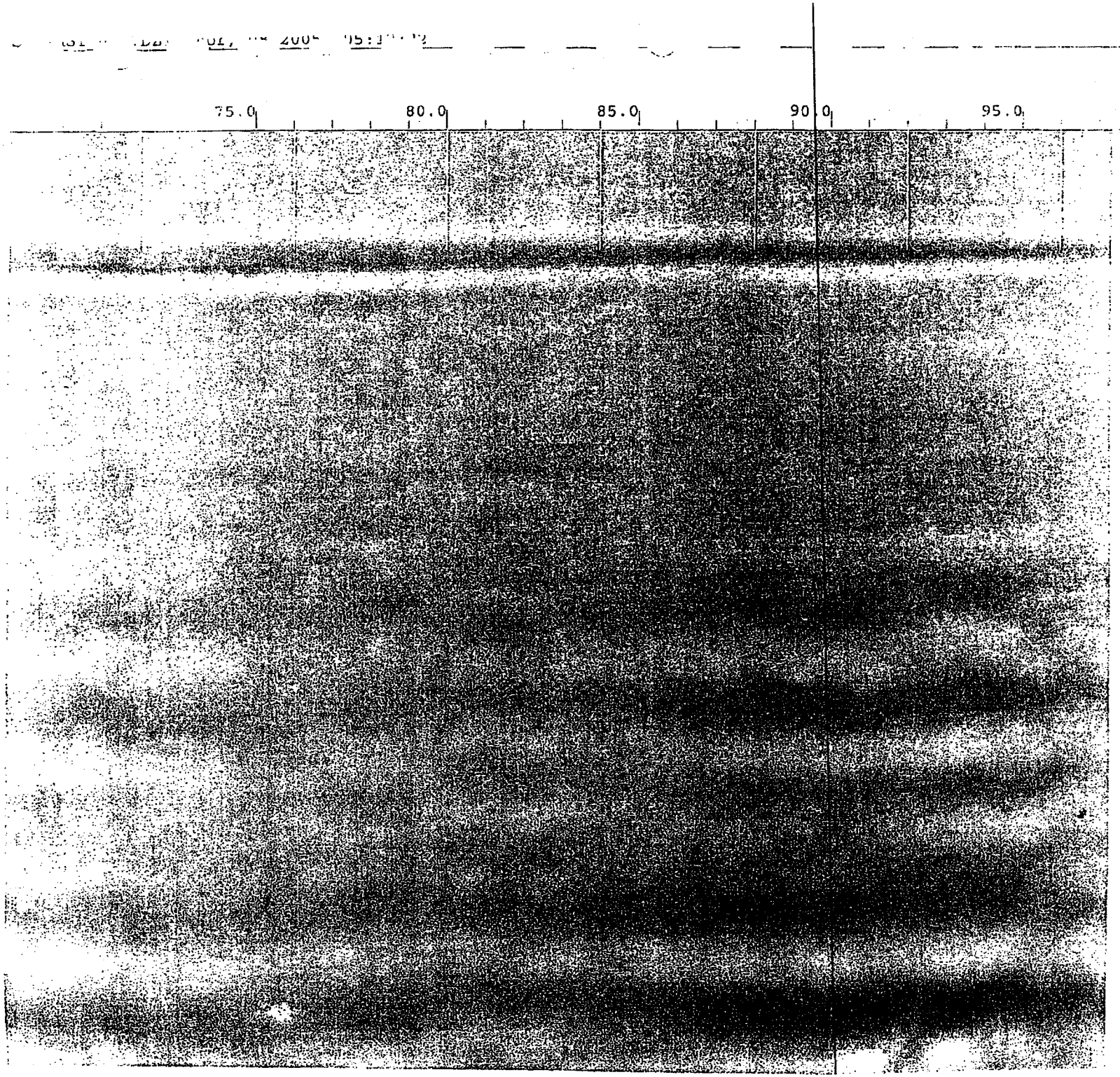
60.0
65.0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90.0
95.0
100

APPENDIX B

Soil Boring Logs

Fleming-Lee Shue *Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-1	
	Project No.: 10036-009-2		
	Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/11/2005	
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*	Equipment: Remote Geoprobe 5410 MC soil sampler		

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1						Concrete (0-1').	
2	GP-1	Soil		Dry	9.0	Dark black sand and silt (2-3').	Slight-
3						*Refusal at 3'*	odor.
4						*End of Boring*	
5							
6						~~*No Groundwater sample was taken*~~	
7							
8							
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23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	**Boring No.** **GP-2**
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/11/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Remote Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Fill, ash-	
2						coal fragments-	
3				Moist		dark black sand and silt (0-3').	
4	GP-2	Soil				Dark black silt containing free product (3-4').	Strong-
5				Wet	244.0	Fill, wood fragments, sand and silt containing-	odor.
6						free product (4-6').	
7	GP-2	Water		Wet		Dense clay (6-7.5').	Strong-
8						mf sand containing free product (7.5-8') .	odor.
9						*End of Boring*	
10							
11							
12							
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24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	**Boring No.** **GP-3**
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/11/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Remote Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1			*No-*	Dry		Concrete (0-4').	
2			recovery				
3							
4				Slightly-		Fill, coal fragments-	
5				moist		wood fibers (4-5') .	
6	GP-3	Soil			230.0	Clay containing free product (5-6').	Strong-
7	GP-3	Water		Wet		m(+)f sand and silt (6-8').	odor.
8							
9						*End of Boring*	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-4
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/11/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Remote Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Concrete (0-1').	
2						Concrete powder (1').	
3	GP-3	Soil		Slightly-	0.5	Fill, wood fiber, cinder, gray to tan sand and-	
4				moist		silt with gravel (2-4').	
5				Wet		Dense clay (4-8').	No odor.
6							
7	GP-3	Water					
8							
9						*End of Boring*	
10							
11							
12							
13							
14							
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24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-5
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt top, concrete powder (0-1.5').	
2				Dry	0.0	Fill, black sand and silt, coal fragments-	
3				Slightly-		cinder, and ash (1.5-3').	
4				moist		Tan silt (3-4').	
5					15.3	Fill, tan sand and silt and-	Slight-
6	GP-5	Soil				gravel (4-6').	odor.
7	GP-5	Water		Wet		Tan mf sand (6-8').	
8							
9						*End of Boring*	
10							
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Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-6
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt and-	
2						concrete powder (0-2').	
3				Slightly-		Wood from pilings (2-3').	
4				moist		Fill, red bricks (3-4').	
5	GP-6	Soil			268.0	Dark sand and silt containing free product (4-5').	Odor.
6						~~mf sand, fill, red bricks, silt, and-~~	
7						wood fragments containing free product (5-7').	Odor.
8	GP-6	Water			178.0	Dense clay, shells, and-	
9						organic material containing free product (7-8.5').	
10						*End of Boring*	
11							
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19							
20							
21							
22							
23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	**Boring No.** **GP-7**
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil & groundwater sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt and concrete powder (0-1').	
2				Dry		Fill, cinders, and-	
3						red bricks (1-3').	
4				Slightly-		Coal fragments, cinder, coal ash, wood and-	Odor.
5	GP-7	Soil		moist		dark sand and silt (3-4').	
6				Moist		Coal fragments (5-6').	Slight-
7						Cinder, ash, coal fragments (6-7').	odor.
8	GP-7	Water				Tan sand and silt with some gravel (7-8').	Strong-
9						*End of Boring*	odor.
10							
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23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-8
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt top and-	
2						concrete (0-2').	
3	GP-8	Soil		Slightly-	1.0	Fill, concrete chips, mf sand (2-3').	No-
4				moist		Tan f(+) sand and silt (3-4').	odor.
5				Wet		Boring hole filled with water.	
6							
7						*~No Groundwater sample was taken~*	
8							
9						*End of Boring*	
10							
11							
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20							
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23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-9
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt top and-	
2						concrete (0-2').	
3				Moist	0.1	Fill ash, coal fragments, black sand and silt (2-3').	No odor.
4	GP-9	Soil					
5				Wet		Tan f(+) sand and silt changing to-	
6						coarse sand (3-5').	
7							
8						*~No Groundwater sample was taken~*	
9						*End of Boring*	
10							
11							
12							
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14							
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16							
17							
18							
19							
20							
21							
22							
23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

Fleming-Lee Shue	*Environmental Management & Consulting* 6 East 32nd Street, 4th Floor New York, N.Y. 10016 212-675-3225	CLIENT: Worldwide Holdings Corp.	Boring No. GP-10
		Project No.: 10036-009-2	
		Site Location: Red Hook Phase II Brooklyn, New York	Date: 04/12/2005
Driller: Hydro Tech Environmental Corp. Geologist: *Mohamed K. Ahmed, Ph.D., CPG*		Equipment: Truck-mounted Geoprobe 5410 MC soil sampler	

Depth (feet) 0	Sample No.	Sample Type	Recovery (inches)	Density/ Moisture	PID (ppm)	Field Identification of Soil	Remarks
1				Dry		Asphalt top and concrete powder (0-1').	
2				Slightly-		Tan to reddish brown silt (1-4')	
3	GP-10	Soil		moist.			
4							
5						Reddish brown silt with f(+) sand (4-8').	
6							
7							
8						*~No Groundwater sample was taken~*	
9						*End of Boring*	
10							
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23							
24							

Legend: MC = macrocore; SS = Split Spoon; HA = hand auger; HSA = hollow-stem auger;
tr. = trace = 0-10%; l. = little = 10-20%; s. = some = 20-35%; and = 35-50%;
(+) = upper end; (-) = lower end of limit
c = coarse; m = medium; f = fine

APPENDIX C

Laboratory Analytical Reports

SAMPLE INFORMATION
Date: 04/21/2005

Job Number.: 209249
Customer...: Fleming & Lee Shue
Attn.....: Mohamed Ahmed

Project Number.....: 20001477
Customer Project ID....: REDHOOK
Project Description....: Redhook

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
209249-1	GP-1(2-3)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-2	GP-2(2-3)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-3	GP-3(6-8)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-4	GP-4(3-4)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-5	GP-5(6-8)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-6	GP-6(4-6)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-7	GP-7(4-6)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-8	GP-8(2-4)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-9	GP-9(3-5)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-10	GP-10(2-4)	Soil	04/11/2005	00:00	04/12/2005	19:10
209249-11	GP-2	Water	04/11/2005	00:00	04/12/2005	19:10
209249-12	GP-3	Water	04/11/2005	00:00	04/12/2005	19:10
209249-13	GP-4	Water	04/11/2005	00:00	04/12/2005	19:10
209249-14	GP-5	Water	04/11/2005	00:00	04/12/2005	19:10
209249-15	GP-6	Water	04/11/2005	00:00	04/12/2005	19:10
209249-16	GP-7	Water	04/11/2005	00:00	04/12/2005	19:10

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-1(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
IM D-2216												
	% Solids, Solid	89.0			0.10	0.10	1	%	47202		04/14/05 1036	skr
	% Moisture, Solid	11.0			0.10	0.10	1	%	47202		04/14/05 1036	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		5400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		2500	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		2800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		2900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		3100	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzyl alcohol, Solid*	ND	U		3500	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2-Methylphenol, Solid*	ND	U		4900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		2600	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		2500	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Hexachloroethane, Solid*	ND	U		3300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Methylphenol, Solid*	ND	U		9900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2-Chlorophenol, Solid*	ND	U		4800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Nitrobenzene, Solid*	ND	U		2200	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		3200	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		3100	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Isophorone, Solid*	ND	U		3300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4-Dimethylphenol, Solid*	ND	U		9500	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Hexachlorobutadiene, Solid*	ND	U		3800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Naphthalene, Solid*	140000			3200	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4-Dichlorophenol, Solid*	ND	U		6000	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Chloroaniline, Solid*	ND	U		5900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		4700	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		6700	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		14000	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-1(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

ST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	76000			2900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2-Nitroaniline, Solid*	ND	U		2300	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2-Chloronaphthalene, Solid*	ND	U		2700	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		6300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		3400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2-Nitrophenol, Solid*	ND	U		6400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	3-Nitroaniline, Solid*	ND	U		3800	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Dimethyl phthalate, Solid*	ND	U		2800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4-Dinitrophenol, Solid*	ND	U		6400	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Acenaphthylene, Solid*	8900		J	2300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		3300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Acenaphthene, Solid*	36000			3000	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Dibenzofuran, Solid*	36000			2900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Nitrophenol, Solid*	ND	U		7900	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Fluorene, Solid*	60000			2400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Nitroaniline, Solid*	ND	U		2700	37000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		2800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Hexachlorobenzene, Solid*	ND	U		2700	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Diethyl phthalate, Solid*	ND	U		2700	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		2600	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Pentachlorophenol, Solid*	ND	U		16000	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		2800	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		13000	89000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Phenanthrene, Solid*	300000		A	2200	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Anthracene, Solid*	70000			3000	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Carbazole, Solid*	15000		J	2700	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Di-n-butyl phthalate, Solid*	ND	U		2400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Fluoranthene, Solid*	190000			2300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Pyrene, Solid*	130000			2600	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-1 (2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		2400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzo(a)anthracene, Solid*	46000			2500	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Chrysene, Solid*	51000			2300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		4900	37000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		2400	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Di-n-octyl phthalate, Solid*	ND	U		1900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzo(b)fluoranthene, Solid*	34000			5200	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzo(k)fluoranthene, Solid*	37000			2100	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzo(a)pyrene, Solid*	44000			2300	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	23000			1900	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Dibenzo(a,h)anthracene, Solid*	8700	J		2100	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm
	Benzo(ghi)perylene, Solid*	27000			2100	18000	50.00000	ug/Kg	47452		04/19/05 0021	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date: 04/21/2005

STOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-1(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		11000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		5000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		5700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		5900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		6200	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzyl alcohol, Solid*	ND	U		7000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Methylphenol, Solid*	ND	U		9900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		5200	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		5000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Hexachloroethane, Solid*	ND	U		6500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Methylphenol, Solid*	ND	U		20000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Chlorophenol, Solid*	ND	U		9500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Nitrobenzene, Solid*	ND	U		4400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		6300	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		6200	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Isophorone, Solid*	ND	U		6700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4-Dimethylphenol, Solid*	ND	U		19000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Hexachlorobutadiene, Solid*	ND	U		7500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Naphthalene, Solid*	140000			6300	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4-Dichlorophenol, Solid*	ND	U		12000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Chloroaniline, Solid*	ND	U		12000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		9400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		13000	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		28000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Methylnaphthalene, Solid*	80000			5900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Nitroaniline, Solid*	ND	U		4700	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Chloronaphthalene, Solid*	ND	U		5400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		13000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

TOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-1 (2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

ST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene, Solid*	ND	U		6800	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2-Nitrophenol, Solid*	ND	U		13000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	3-Nitroaniline, Solid*	ND	U		7700	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Dimethyl phthalate, Solid*	ND	U		5700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4-Dinitrophenol, Solid*	ND	U		13000	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Acenaphthylene, Solid*	9700	J		4500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		6700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Acenaphthene, Solid*	39000			6100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Dibenzofuran, Solid*	38000			5900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Nitrophenol, Solid*	ND	U		16000	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Fluorene, Solid*	61000			4800	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Nitroaniline, Solid*	ND	U		5300	73000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		5700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Hexachlorobenzene, Solid*	ND	U		5400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Diethyl phthalate, Solid*	ND	U		5400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		5100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Pentachlorophenol, Solid*	ND	U		32000	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		5500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		27000	180000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Phenanthrene, Solid*	310000			4300	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Anthracene, Solid*	77000			6100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Carbazole, Solid*	17000	J		5400	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Di-n-butyl phthalate, Solid*	ND	U		4900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Fluoranthene, Solid*	190000			4700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Pyrene, Solid*	150000			5100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Butyl benzyl phthalate, Solid*	ND	U		4800	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzo(a)anthracene, Solid*	51000			5000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Chrysene, Solid*	60000			4700	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		9900	73000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-1(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-1
Date Received.....: 04/12/2005
Time Received.....: 19:10

EST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		4900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Di-n-octyl phthalate, Solid*	ND	U		3900	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzo(b)fluoranthene, Solid*	38000		H	10000	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzo(k)fluoranthene, Solid*	41000			4100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzo(a)pyrene, Solid*	47000			4500	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	24000	J		3800	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Dibenzo(a,h)anthracene, Solid*	9000	J	M	4100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm
	Benzo(ghi)perylene, Solid*	29000	J		4100	37000	100.0000	ug/Kg	47452	DL	04/19/05 2247	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 Date: 04/21/2005

JSTOMER: Fleming & Lee Shue PROJECT: REDHOOK ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
STM D-2216												
	% Solids, Solid	52.6			0.10	0.10	1	%	47202		04/14/05 1043	skr
	% Moisture, Solid	47.4			0.10	0.10	1	%	47202		04/14/05 1043	skr
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		180000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U		86000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	1,3-Dichlorobenzene, Solid*	ND	U		97000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	1,4-Dichlorobenzene, Solid*	ND	U		100000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	1,2-Dichlorobenzene, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzyl alcohol, Solid*	ND	U		120000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2-Methylphenol, Solid*	ND	U		170000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,2-oxybis (1-chloropropane), Solid*	ND	U		89000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U		86000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Hexachloroethane, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Methylphenol, Solid*	ND	U		340000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2-Chlorophenol, Solid*	ND	U		160000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Nitrobenzene, Solid*	ND	U		76000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	1,2,4-Trichlorobenzene, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Isophorone, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4-Dimethylphenol, Solid*	ND	U		330000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Hexachlorobutadiene, Solid*	ND	U		130000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Naphthalene, Solid*	170000000		A	110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4-Dichlorophenol, Solid*	ND	U		210000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Chloroaniline, Solid*	ND	U		200000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4,6-Trichlorophenol, Solid*	ND	U		160000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U		230000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U		470000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249

Date: 04/21/2005

STOMER: Fleming & Lee Shue

PROJECT: REDHOOK

ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Solid*	22000000		A	100000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2-Nitroaniline, Solid*	ND	U		80000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2-Chloronaphthalene, Solid*	ND	U		93000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Chloro-3-methylphenol, Solid*	ND	U		210000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,6-Dinitrotoluene, Solid*	ND	U		120000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2-Nitrophenol, Solid*	ND	U		220000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	3-Nitroaniline, Solid*	ND	U		130000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Dimethyl phthalate, Solid*	ND	U		97000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4-Dinitrophenol, Solid*	ND	U		220000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Acenaphthylene, Solid*	1900000			78000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	2,4-Dinitrotoluene, Solid*	ND	U		110000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Acenaphthene, Solid*	15000000		A	100000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Dibenzofuran, Solid*	15000000		A	100000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Nitrophenol, Solid*	470000	J		270000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Fluorene, Solid*	15000000		A	82000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Nitroaniline, Solid*	ND	U		91000	1300000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U		97000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Hexachlorobenzene, Solid*	ND	U		93000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Diethyl phthalate, Solid*	ND	U		93000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U		87000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Pentachlorophenol, Solid*	ND	U		550000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U		95000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		450000	3000000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Phenanthrene, Solid*	40000000		A	74000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Anthracene, Solid*	15000000		A	100000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Carbazole, Solid*	3400000			93000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Di-n-butyl phthalate, Solid*	ND	U		84000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Fluoranthene, Solid*	10000000		A	80000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Pyrene, Solid*	6900000			87000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209249 | Date:04/21/2005

JSTOMER: Fleming & Lee Shue | PROJECT: REDHOOK | ATTN: Mohamed Ahmed

Customer Sample ID: GP-2(2-3)
Date Sampled.....: 04/11/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209249-2
Date Received.....: 04/12/2005
Time Received.....: 19:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Butyl benzyl phthalate, Solid*	ND	U		82000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzo(a)anthracene, Solid*	1600000			86000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Chrysene, Solid*	1700000			80000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	3,3-Dichlorobenzidine, Solid*	ND	U		170000	1300000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		84000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Di-n-octyl phthalate, Solid*	ND	U		67000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzo(b)fluoranthene, Solid*	660000			180000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzo(k)fluoranthene, Solid*	960000			70000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzo(a)pyrene, Solid*	1100000			78000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	450000	J		65000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Dibenzo(a,h)anthracene, Solid*	140000	J		70000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm
	Benzo(ghi)perylene, Solid*	510000	J		70000	630000	100.0000	ug/Kg	47452		04/19/05 0047	dmm

* In Description = Dry Wgt.